PLEASE SILENCE ALL ELECTRONIC COMMUNICATION DEVICES. THANK YOU.

NOTICE OF POSSIBLE QUORUM OF THE CITY OF BUCKEYE PLANNING AND ZONING COMMISSION OR OTHER COUNCIL APPOINTED BOARD: PLEASE NOTE THAT THERE MAY BE A QUORUM PRESENT BUT THERE WILL BE NO VOTING TAKING PLACE BY THE CITY PLANNING AND ZONING COMMISSION OR OTHER COUNCIL APPOINTED BOARD AT THIS MEETING.

CITY OF BUCKEYE
REGULAR COUNCIL MEETING
DECEMBER 21, 2021
AGENDA

City Council Chambers
530 E. Monroe Ave.
Buckeye, AZ 85326
6:00 PM

Accessibility for all persons with disabilities will be provided upon request. Please telephone your accommodation request (623) 349-6911, 72 hours in advance if you need a sign language interpreter or alternate materials for a visual or hearing impairment.

Voting Members will either attend in person or by telephone conference call or video presentation. Items listed may be considered in any order

IMPORTANT NOTICE REGARDING PUBLIC PARTICIPATION

This meeting will be open to the public. Adherence to COVID-19 safety measures are recommended. If you would like to make a public comment, either in person or remotely, please review the information on the City's website and complete and submit the comment form found here: https://www.buckeyeaz.gov/government/city-clerk/meeting-agendas-minutes/meetings-agendas-minutes

1. Call to Order/Invocation/Pledge of Allegiance/Roll Call

2. Comments from the Public- Members of the audience may comment on any item of interest.
Council Action: Open Meeting Law does not permit Council discussion of items not specifically on the agenda

3. Awards/Presentations/Proclamations

4. Minutes

4.A Council to take action on approval of the November 8, 2021 Council Workshop Minutes, November 16, 2021 Council Workshop Minutes, and November 16, 2021 Regular Council Meeting Minutes.

5. Expenditures

5.A Council to take action on the request to ratify the payment of the accounts payable expenditures made. Copies of invoices are available at City Hall.
Staff Liaison: William Kauppi. Chief Financial Officer, wkauppi@buckeyeaz.gov, (623) 349-6161

6. CONSENT AGENDA ITEMS / NEW BUSINESS
Approval of items on the Consent Agenda -All items with an (*) are considered to be routine matters and will be enacted by one motion and vote of the City Council. There will be no separate discussion of these items unless a Council member requests, in which event the item will be removed from the consent agenda and considered in its normal sequence

***6.A** Council to take action on Resolution No. 88-21 enlarging City of Buckeye Street Lighting Improvement District No. 2021-SLID-003 and ordering recording and filing of this Resolution.
Summary: Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund.
Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.B** Council to take action on Resolution No. 90-21 accepting a Petition for formation of a Street Lighting Improvement District; declaring its intention to form a Street Lighting Improvement District; designating such District as "City of Buckeye, Street Lighting Improvement District No. 2020-SLID-004"; providing for the annual levy of taxes or assessments equally apportioned upon all of the non-public property owners in the District to purchase energy for the lighting of public streets and parks within and adjacent to the District; and ordering recording and filing of this Resolution.
Summary: Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund.
Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.C** Council to take action on Resolution No. 91-21 accepting a Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye; declaring the intention to form a Maintenance Improvement District; designating such District as "City of Buckeye Maintenance Improvement District No. 2020-MID-004"; and providing for the annual levy of taxes or an annual assessment against the lots within the District in proportion to the benefits received.
Summary: Both SLIDs and MIDs provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for residents/owners of a particular development without an undue burden upon the existing community. Maintenance Improvement Districts (MIDs) are responsible for maintaining parkways and parking on streets within the District.
Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.D** Council to take action on Resolution No. 92-21 ordering the work as described in Resolution

No. 90-21; ordering the formation of City of Buckeye Street Lighting Improvement District No. 2020-SLID-004; ordering recording and filing of this Resolution.

Summary: SLIDs are formed in the City of Buckeye in accordance with Ordinance No. 43-05 and assess the owners within a development for the cost of the electricity for the streetlights within the boundaries of the development SLID, including any public road street lighting that is of benefit to the development. SLIDs are established to purchase (and not generate) energy for street or public park lighting within the District and adjacent streets so that the costs are not borne by the City in its general HURF fund, though there are administrative services provided by the City.

Staff Liaison: Scott Lowe, Public Works Director, SLowe@buckeyeaz.gov, (623) 349-6815

***6.E** Council to take action on Resolution No. 93-21 ordering the work as described in Resolution No. 91-21; ordering the formation of City of Buckeye Maintenance Improvement District No. 2020-MID-004; ordering recording and filing of this Resolution.

Summary: MIDs are formed in the City of Buckeye in accordance with Ordinance No. 42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.F** Council to take action on Resolution No. 97-21 enlarging City of Buckeye Street Lighting Improvement District No. 2007-SLID-010 and ordering recording and filing of this Resolution.

Summary: Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund.

Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.G** Council to take action on Resolution No. 98-21 accepting a Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye; declaring the intention to form a Maintenance Improvement District; designating such District as "City of Buckeye Maintenance Improvement District No. 2019-MID-006"; and providing for the annual levy of taxes or an annual assessment against the lots within the District in proportion to the benefits received.

Summary: MIDs are formed in the City of Buckeye in accordance with Ordinance No. 42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.H** Council to take action on Resolution No. 99-21 ordering the work as described in Resolution No. 98-21; ordering the formation of City of Buckeye Maintenance Improvement District No. 2019-MID-006; ordering recording and filing of this Resolution.

Summary: MIDs are formed in the City of Buckeye in accordance with Ordinance No. 42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

Staff Liaison: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815

***6.I** Council to take action on the License Agreement between the City of Buckeye, as Licensee, and the United States of America Department of Energy, Western Area Power Administration, related to the Hassayampa to Liberty 230-kV Transmission Line; and authorizing the City Manager to execute and deliver said License Agreement on behalf of the City.

Summary: Requesting approval council for proposed curbing, signal push buttons and waterline crossing easement that will cross under, over, or across WAPA's Hassayampa to Liberty 230-kV. WAPA concurs and agrees that the Curb, Waterline, and light controls can proposed by the licensee and will not interfere with the operations and maintenance of the described Transmission Line as shown on Exhibits A-1 to A-6.

Staff Liaison: Paul Lopez, Deputy City Engineer, plopez@buckeyeaz.gov, (623) 349- 6204

***6.J** Council to take action on the Sole Source procurement of a premium rubber surfacing for the Buckeye Aquatics Center Pool Deck from RubCorp Distribution LLC, with a total expenditure not to exceed $227,150.

Summary: The Construction and Contracting division is recommending RubCorp Distribution LLC, to provide products, installation and warranty through a "Sole Source" procurement of Rubcorp's premium rubber surfacing for the Buckeye Aquatics Center Pool deck. The collective installation experience of Rubcorp Distribution LLC has led to an accumulation of proprietary and exclusive techniques, procedures, assessments and products that have no comparison within the rubber surfacing industry. These elements combined with the attributes of the Rubcorp Rubber Surfacing Systems lead to the conformed conclusion that there is no alternative combination of surfacing system and installation practices that can be compared in a relative sense to best suit the requirements of the City Aquatic Center pool deck. The expenditure is not to exceed $227,150.

Staff Liaison: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623)-349-6225

***6.K** Council to take action on Task Order No. 1 (Contract 2017-013-001) between the City of Buckeye, an Arizona municipal corporation, and Dibble Engineering, an Arizona corporation, to provide planning services for the update to the Master Plan at Buckeye Municipal Airport; and authorizing the Mayor to execute and deliver said Task Order on behalf of the City.

Summary: The Construction and Contracting division is recommending Dibble Engineering to

provide Planning services through Task Order No. 1 (Contract 2017-013-001) for the update to the Master Plan at the Buckeye Municipal Airport with an expenditure not to exceed $446,185. The Study will seek to address the Airport's operational, maintenance and improvement considerations, development priorities, natural environment and land use compatibility and factors related to proper financial management to meet operational and capital improvement fiscal goals.
Staff Liaison: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623) 349-6225

***6.L** Council to take action on the Construction Contract (No. 2022012) between the City of Buckeye, an Arizona municipal corporation, and GCON, Inc., an Arizona corporation, to provide labor, materials, and equipment required for the expansion of the Buckeye Senior Center Kitchen and remodeling of the existing kitchen; and authorizing the Mayor to execute and deliver said Contract on behalf of the City.
Summary: This project will expand the Buckeye Senior Center Kitchen and remodel the existing kitchen at the east and south sides of the building. This project will add approximately 1,500 square feet onto the building and remodel 560 square feet. The Scope of Work includes, but is not limited to HVAC, flooring, electrical, gas connection, and plumbing. ADA accessibility and other furniture fixtures and equipment are included in the Scope of Work, The total not to exceed amount of the Contract is $1,725,043 with $600,000 of the total funded by a Community Development Block Grant.
Staff Liaison: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623) 349-6225

***6.M** Council to take action on Resolution No. 95-21 accepting and approving a grant from the Department of Justice relating to the partial reimbursement for the purchase of bulletproof vests for Police Officers of the City of Buckeye.
Summary: The Bullet Proof Vest Partnership allows Police Officers to purchase bulletproof vests and the cost of the vests are reimbursed by the U.S. Department of Justice and the City of Buckeye. The total cost of vests purchased is reimbursed fifty percent by the U.S. Department of Justice up to $12,500 total. Award notification and grant management are through the Bulletproof Vest Partnership website.
Staff Liaison: Larry Hall, Police Chief, lhall@buckeyeaz.gov, (623) 349-6438

***6.N** Council to take action on Ordinance No. 19-21 declaring as a public record that document on file with the City Clerk entitled the “City of Buckeye Commercial Vehicle Amendments, December 2021”; adopting the “City of Buckeye Commercial Vehicle Amendments, December 2021” by reference; and amending the City of Buckeye Code, Chapter 12 Traffic Code, Article 12-2 Traffic Regulations, by amending Section 12-2-8 Commercial Vehicle Restrictions; providing for repeal of conflicting ordinances; providing for severability; providing for penalties; and declaring an emergency.
Summary: The proposed Ordinances amends language of the City's Code, Chapter 12 Traffic Code, Article 12-2 Traffic regulations by amending Commercial Vehicle Restrictions.

Staff Liaison: Michael Saltz, Lieutenant - Legal Advisor, msaltz@buckeyeaz.gov, (623) 349-6417

***6.O** Council to take action on a final plat of Verrado Victory District Phase 3C Unit 1, generally located on the northwest corner of Indian School Road and Exeter Boulevard within the Verrado Victory District.

Summary: The applicant has requested approval of a final plat of Verrado Victory District Phase 3C Unit 1 (PLZV-21-00035), consisting of 87 single-family lots on approximately 15 acres generally located on the northwest corner of Indian School Road and Exeter Boulevard within the Verrado Victory District. Approval of the requested final plat would enable the applicant to develop additional single-family housing in the Verrado Victory District. Requested by David Nilsen of Verrado ARC, LLC.

Staff Liaison: Sean Banda, Senior Planner, sbanda@buckeyeaz.gov, (623) 349-6215

***6.P** Council to take action on a final plat titled Sienna Hills - Parcels 4 North 6 North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

Summary: The applicant is requesting approval of a final plat titled Sienna Hills Parcels 4 North 6 North, which is generally located on the northwest corner of McDowell Road and the 211th Avenue alignment. The plat is 111.6 acres and includes 127 single-family residential lots, with approximately 82 acres of landscaped/open space, parks, recreation areas and trails within the Sienna Hills Community Master Plan (CMP). Approval of this plat will create new lots for development for future single family residential home product. Requested by Scott Eisenhart, PE, Huitt-Zollars, Inc., on behalf of Mike Cronin, JEN Arizona 40 LLC.

Staff Liaison: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220

***6.Q** Council to take action on a final plat titled Sienna Hills - Parcel 5 North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

Summary: The applicant is requesting approval of a final plat titled Sienna Hills Parcel 5 North, which is generally located on the northwest corner of McDowell Road and the 211th Ave alignment. The plat is 19.16 acres and includes 49 single-family residential lots, with approximately 5 acres of landscaped/open space areas and natural trails within the Sienna Hills Community Master Plan (CMP). Approval of the final plat will allow development of traditional 60-foot by 120-foot wide lots. Requested by Scott Eisenhart, PE, Huitt-Zollars, Inc., on behalf of Mike Cronin, JEN Arizona 40 LLC.

Staff Liaison: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220

***6.R** Council to take action on a final plat titled Sienna Hills - Parcel 7B North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

Summary: The applicant is requesting approval of a final plat titled Sienna Hills Parcel 7B North, which is generally located on the northwest corner of McDowell Road and the 211th Avenue alignment. The plat is 55 acres and includes 50 single-family residential lots, with approximately 43 acres of landscaped/open space areas and natural trails within the Sienna Hills Community Master Plan (CMP). Approval of the final plat will allow development of traditional

60-foot by 120-foot wide lots. Request by Scott Eisenhart, PE, Huitt-Zollars, Inc., on behalf of Mike Cronin, JEN Arizona 40 LLC.
Staff Liaison: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220

***6.S** Council to take action on the National Opioids Distributor Settlement Agreement and the Janssen Settlement Agreement; and authorize the Mayor to execute and deliver each applicable Settlement Participation form on behalf of the City evidencing City approval of the Agreements.
Summary: State and local governments across the country have been litigating against the opioid industry alleging the industry utilized unethical and illegal practices with respect to promoting the use of opioids. In December 2020 Council approved the One Arizona Opioid Settlement Memorandum of Understanding (MOU) between the State and Participating Local Governments. The MOU served to jointly approach settlement negotiations with the Pharmaceutical Supply Chain Participants. In November 2021 Council approved the One Arizona Opioid Agreement. The next step in the process if for Council to approve and submit the Subdivision Settlement Participation Form, from the national settlement administrators.
Staff Liaison: Nancy Love, Human Resources Director, nlove@buckeyeaz.gov, (623) 349-6255

7. Public Hearings / Non-Consent - New Business

7.A Council to take action on Resolution No. 94-21 expanding the geographic area within and near the Downtown Buckeye Activity Center eligible for existing reduced development user fees for development of certain uses; amending the Development User Fee Schedule to include the expanded area eligible for existing reduced development user fees for certain development uses; establishing an expiration date for incentive; repealing conflicting resolutions; and providing for severability.
Summary: The Development Services Department is requesting approval of the amended Development User Fee Schedule that maintains the existing fees and policies with the exception of an amended Section 7: Incentive District, to expand the Downtown Incentive District by creating a second geographic incentive area, subject to restrictions on land use and limited to a three-year effective period. The Incentive District expansion aims to provide long-term economic benefits to the community and specifically Downtown Buckeye.
Staff Liaison: Brian Craig, Development Services Director, bcraig@buckeyeaz.gov, (623) 349-6209

7.B Council to take action on the authorization of the 2022 Legislative Agenda.
Summary: In order to work effectively and measure success within the fast pace of the legislative session, staff seeks approval of advance directives and permissions in the form of legislative goals, priorities and programs.

1. Preserve local control,
2. Preserve State Shared Revenues to cities and towns,
3. Restore Highway User Revenue Fund,
4. Defend Local Transaction Privilege Tax,
5. Preserve Construction Sales Tax revenues,

6. Defend city impact fees,
7. Maintain accountability in Community Facilities Districts,
8. Revise SB1487 (2016) state law; local violations; penalties to permit local control,
9. Preserve limitations of sober living homes in single-family residential zoning districts and the ability to hold them accountable,
10. Hold short-term rentals accountable for their impact on neighborhoods,
11. Preserve the City's authorities related to water resources acquisition, water rights, treatment, production, delivery, and storage of water and effluent,
12. Support legislation enabling and funding state grants to counties, cities, districts and tribes to eradicate Salt Cedar in prime threatened and endangered habitat, where the eradication would also conserve water and, prevent fire and flood,
13. Pursue appropriation(s) from the state legislature to fund transportation improvements inside the City of Buckeye and region,
14. Engage in the process to minimize the impact of Master Services and Infrastructure District legislation on cities and towns.
15. Support legislation enabling the Proposition 400 extension; and
16. Support legislation addressing occupational licensing for military spouses.

Staff Liaison: George Diaz, Intergovernmental Affairs Director, gdiaz@buckeyeaz.gov, (623) 980-0956

7.C Council to take action on Resolution No. 96-21 approving the First Amendment to Intergovernmental Agreement between City of Buckeye and Buckeye Elementary School District No. 33 for Development, Construction and Joint Use of Public Facilities; authorizing the Mayor to execute and deliver said Amendment and related documents on behalf of the City; and approving and authorizing the transfer of $250,000 from contingency funds for said Amendment.

Summary: Buckeye Elementary School District No. 33 is expanding the Buckeye Elementary School's gym and will be building an outdoor stage with certain portions of the stage being constructed on City-owned property at the 6th Street Plaza. The agreement will allow the Elementary School to expand its facilities, while enhancing the City's property for programs and events. The IGA will formalize the agreement and provide $250,000 in City funds to the Elementary School District towards the construction of the outdoor stage. The Elementary School will be responsible for regularly mowing and maintaining the grass area with the City continuing to maintain irrigation systems.

Staff Liaison: Miranda Gomez, Community Services Director, mgomez@buckeyeaz.gov, (623) 349-6353

8. City Manager's Report and Summary of Current Events

9. Comments from the Mayor and Council

Mayor and Council may present a brief summary on current events and/or report on any of the Boards and Commissions and other organizations as necessary.

Vice Mayor Youngker:
Public Safety Retirement Board (Police)
Airport Advisory Board
Main Street Board

Councilmember HagEstad:

Councilmember Goodman:
Valley Metro RPTA Board
WESTMARC

Councilmember Guy:
Buckeye Youth Council
Community Development Advisory Committee (CDAC Regular Member)

Councilmember Heustis:
Library Advisory Board
Planning and Zoning Commission Public Safety Retirement Board (Fire)
Buckeye Pollution Control Corporation (BPCC)
Chamber of Commerce Council Liaison

Councilmember Hess:
Community Development Advisory Committee (CDAC Alternate Member)
Community Services Advisory Board
Southwest Lending Closet Board

Mayor Orsborn:
MAG Regional Council - Member
MAG Economic Development Committee - Member
MAG Transportation Policy Committee - Member
Great Phoenix Economic Council (GPEC)

The Council may not propose, discuss, deliberate, or take any legal action on information presented. Council may direct inquiries to staff.

10. Council will make a motion to adjourn the meeting

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 4.A. Minutes
DATE PREPARED: 12/16/21	**DISTRICT NO.:** ALL
STAFF LIAISON:	
DEPARTMENT: City Clerk	**AGENDA ITEM TYPE:** Minutes

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on approval of the November 8, 2021 Council Workshop Minutes, November 16, 2021 Council Workshop Minutes, and November 16, 2021 Regular Council Meeting Minutes.

RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Council to take action on approval of the November 8, 2021 Council Workshop Minutes, November 16, 2021 Council Workshop Minutes, and November 16, 2021 Regular Council Meeting Minutes.

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
11.08.2021 Council Workshop Minutes.pdf
11.16.2021 Council Workshop Minutes.pdf
11.16.2021 Regular Council Meeting Minutes.pdf

BUCKEYE, AZ

CITY OF BUCKEYE
COUNCIL WORKSHOP
NOVEMBER 8, 2021
MINUTES

City Council Chambers
530 East Monroe Avenue
Buckeye, AZ 85326
3:30 PM

1. Call to Order/Roll Call

Mayor Orsborn called the meeting to order at 3:30 p.m.

Members Present: Councilmember Goodman, Councilmember HagEstad, Councilmember Guy, Councilmember Hess, Councilmember Heustis, Vice Mayor Youngker (arrived at 3:49 p.m.), and Mayor Orsborn

Members Absent: None.

Departments Present: City Manager Roger Klingler, Assistant City Manager James Shano, Deputy City Manager Dave Roderique, City Attorney Shiela Schmidt, City Clerk Lucinda Aja, Deputy City Clerk Summer Stewart, Assistant to Mayor Christine Grundy, Human Resources Director Nancy Love, and Information Technology Director Greg Platacz.

2. Workshop Items

2.A Presentation and discussion regarding the City Manager recruitment and selection process.
Staff Liaison: Nancy Love, Human Resources Director

Ms. Love opened the presentation and provided an overview of the City Manager recruitment and selection process. Buckeye City Manager, Roger Klingler, notified Council he will be retiring in the coming months. Executive search firm GovHR USA was selected to assist with the recruitment of this critical position. Sarah McKee, Sr. Vice President of GovHR USA, reviewed the recruitment schedule; advertisements for the position have been posted and applications are due December 3, 2021. Applications will be reviewed as they are received; qualified applicants will be evaluated and initial interviews will be conducted. Council will receive a list of all applicants for review. Councilmember Heustis requested further information regarding the applications process. Ms. McKee stated Council will receive for review the cover letter and resume submitted by each applicant along with a standardized resume completed by GovHR USA. Further interviews will be held as directed by Council and City tours will take place; the entire recruitment and selection process is scheduled to be complete in February 2022. Mayor Orsborn asked if the process may be expedited. Ms. McKee stated the process could be expedited but reference checks and background checks will not be completed; stated the importance of proper vetting of applicants. Councilmember Hess requested further clarification regarding the recruitment schedule. Ms. McKee confirmed the deadline for submission of resumes is December 3, 2021 and GovHR USA will need three weeks to review resumes and conduct initial background checks and interviews; Council will then receive the information for review. Mayor Orsborn requested that the process move along as quickly as possible. Ms. McKee stated the importance of following the recruitment schedule and process to ensure the most qualified applicants are interviewed. Councilmember Guy stated the importance of following a process and schedule that allows Council to choose the best candidate. Councilmember Heustis requested further clarification regarding the recruitment

schedule. Ms. McKee stated the importance of hiring the best candidate and allowing time for the process to take place; stated a thirty-day period to receive applications is standard. Councilmember Goodman stated he is satisfied with the schedule as presented; requested further clarification regarding the initial interviews conducted by GovHR USA. Ms. McKee confirmed each applicant interviewed will be asked the same questions with follow-up questions asked as necessary; stated the questions asked will be provided to Council; stated Council may provide input and suggestions. Vice Mayor Youngker requested further clarification regarding the recruitment schedule. Ms. McKee stated the application deadline is December 3, 2021 and initial interviews will take place thereafter, with an expected timeframe for Council to interview candidates beginning in January 2022. General discussion was held regarding the recruitment schedule and process. Mayor Orsborn confirmed a candidate has not been chosen at this time and Council will follow the process for recruitment and selection. Ms. McKee suggested a department head panel and a stakeholder panel be formed to meet candidates; stated a meet and greet may also be held for staff and citizens to interact with candidates; provided additional information regarding the interview process. Vice Mayor Youngker requested further clarification regarding a stakeholder panel. Mayor Orsborn stated the stakeholder panel may include members from the development community and elected officials from other organizations. Ms. McKee provided additional suggestions for members that may be on the stakeholder panel. Councilmember Goodman requested clarification regarding the selection process. Ms. McKee stated it would be Council's discretion to have the stakeholder panel interview all candidates or the final few candidates chosen by Council. Councilmember Goodman stated his preference that the stakeholder panel interview final candidates. Councilmember Guy requested clarification regarding tours and one on one interviews; stated one on one interviews may be facilitated during tours of the City. Ms. McKee provided suggestions for tours and potential one on one interviews. Councilmember Hess requested further clarification regarding potential candidates; stated her support of interviews held by Council and then by stakeholder and/or department heads. Ms. McKee provided clarification regarding the interview process. Ms. Schmidt clarified submitted resumes and applications are public record; confirmed Council interviews can be held in executive session; stated public records requests must be responded to in a reasonable timeframe. General discussion was held regarding a possible stakeholder panel and the schedule for interviewing candidates.

3. Adjournment.

A motion was made by Vice Mayor Youngker and seconded by Councilmember Goodman to adjourn the meeting at 4:25 p.m. Motion passed unanimously.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

I hereby certify that the foregoing minutes are a true and correct copy of the Council Workshop held on November 8, 2021. I further certify that a quorum was present.

_____
Lucinda J. Aja, City Clerk

BUCKEYE, AZ

CITY OF BUCKEYE
COUNCIL WORKSHOP
NOVEMBER 16, 2021
MINUTES

City Council Chambers
530 East Monroe Avenue
Buckeye, AZ 85326
3:15 PM

1. Call to Order/Roll Call

Mayor Orsborn called the meeting to order at 3:15 p.m.

Members Present: Councilmember Goodman, Councilmember HagEstad, Councilmember Guy, Councilmember Hess, Councilmember Heustis, Vice Mayor Youngker, and Mayor Orsborn

Members Absent: None.

Departments Present: City Manager Roger Klingler, Assistant City Manager James Shano, Deputy City Manager Dave Roderique, City Clerk Lucinda Aja, Deputy City Clerk Summer Stewart, Assistant to Mayor Christine Grundy, Public Works Director Scott Lowe, Human Resources Director Nancy Love, and Information Technology Director Greg Platacz.

2. Workshop Items

2.A Luke Air Force Base presentation and update from Brigadier General Gregory Krueder, Commander, 56th Fighter Wing.
Staff Liaison: Christine Grundy, Assistant to the Mayor

Commander Krueder provided an overview of the 56th Fighter Wing, which is the largest Fighter Wing in the Air Force with more than 165 aircraft and 7,000 personnel. Allies and partners were listed and reviewed; airspace and ranges were described. Measures taken during the COVID-19 pandemic were summarized; Air Force diversity and inclusion efforts were reviewed. Community support and initiatives were described. Councilmember Heustis requested further information regarding partner sharing and physical training. Commander Krueder stated other countries participate in pilot training and may take that information and implement similar training in their country, but may have difficulty depending on their airspace; provided further information regarding physical training, which is similar to a CrossFit workout. Commander Krueder was thanked for his presentation and the positive relationship between the City and Luke Air Force Base.

2.B National Demographics Corporation (NDC) will present information regarding redistricting services.
Staff Liaison: Lucinda Aja, City Clerk

Ms. Aja opened the presentation and introduced Douglas Johnson and Ivy Beller Sakanski with National Demographics Corporation. The City entered into a contract with consultant NDC to provide redistricting services for the City's six districts. Redistricting occurs every ten years and after each census. Mr. Johnson presented information regarding the redistricting process. Public outreach meetings have been held and the interactive mapping tool was made available to the public to submit their preferred map(s). Four maps were

displayed for Council review and consideration; maps A, B, and C were created by NDC; public map 101 was submitted through the interactive mapping tool. All four maps comply with federal laws, Arizona State Statutes, and traditional redistricting principles. Councilmember Guy requested further information regarding public outreach meetings. Ms. Beller Sakanski and Mr. Johnson confirmed map B appeared to be the preferred map based on feedback received from the public during the public outreach meetings. Councilmember Heustis stated the map he submitted keeps the entire community of Sundance in District 5 and maintains a balanced population among all districts and places the community of Blue Horizons in District 2. Councilmember Guy stated public map 101 does not maintain the integrity of District 2 because it shifts the District to the east and encompasses the community of Blue Horizons. Councilmember Hess requested clarification regarding map B. Mr. Johnson clarified the boundary lines for District 3 included in map B. General discussion was held regarding map B and public map 101. Mr. Johnson provided a demonstration of the interactive review map that includes all draft maps for review. Mayor Orsborn requested clarification regarding map B. Mr. Johnson confirmed map B places the southern portion of the Sundance community in District 3 and places the Blue Horizons community in District 5. Councilmember Hess requested further information regarding the community of Sundance; requested clarification regarding the incumbent address used for District 3. Mr. Johnson clarified the proposed boundaries related to the Sundance community. Ms. Aja confirmed the incumbent address used for District 3 is the most current address on file for Councilmember Hess. Mayor Meck stated there appears to be a preference for map B; requested NDC provide an additional draft map that keeps the entire Sundance community in District 5. Ms. Aja requested clarification regarding Council direction. Mayor Orsborn confirmed staff is directed to bring map B and an additional option that keeps the entire community of Sundance in District 5 to Council for review and possible adoption. Councilmember Hess stated her preference is map B. Councilmember Guy stated her preference is map B but also understands Councilmember Heustis' preference to keep the Sundance community in one district. Councilmember Goodman stated his preference is map B; stated the importance of balancing the districts in an equitable and fair manner and making decisions that are in the best interests of the City. Councilmember HagEstad stated he prefers District 4 be shifted north of I-10 as is shown in map B. Vice Mayor Youngker stated his preference is map B with public map 101 as a secondary choice. Mayor Orsborn stated it appears the preference is map B; directed staff to bring map B to Council for possible approval. Ms. Aja requested clarification regarding Council direction. Mayor Orsborn confirmed staff is directed to bring map B *and* an additional option that keeps the entire community of Sundance in District 5 to Council for review and possible adoption. Mr. Johnson stated the challenge with keeping the Sundance community in one district is determining which district the Blue Horizons community should be placed in. Councilmember Hess requested clarification regarding the District 3 west boundary depicted in map B. Mr. Johnson clarified the west boundary of District 3 is SR 85. Councilmember Heustis confirmed his preference to keep the entire community of Sundance in District 5.

A break was taken from 4:30 p.m. to 4:40 p.m.

2.C Presentation regarding housing information from Director Tom Simplot of Arizona Department of Housing.
Staff Liaison: Christine Grundy, Assistant to the Mayor

Mr. Simplot provided an Arizona Department of Housing update and housing needs. The State is taking a strategic approach to housing and the current housing shortage. It is estimated that Maricopa County is short 250,000 housing units across the spectrum of housing from single-family homes, to apartments, to workforce housing. Funding resources were reviewed; the State currently has enough funds to address the housing needs. State-wide strategic plans to address housing issues are being created to identify gaps and areas of possible partner collaboration. Plans to mitigate homelessness were summarized. Vice Mayor Youngker stated the importance of proper planning with regard to the housing shortage and the need to build the right housing units in the right place. Councilmember Goodman presented statements regarding workforce housing in Buckeye and the need to construct this housing in the right area in the City; requested further information regarding funding and incentives for construction of workforce housing. Mr. Simplot stated construction and labor costs are borne

by the developer regardless of the type of housing being constructed; provided additional information regarding loan and housing tax credits and how developers can use those credits to construct housing units; stated a developer seeking to build workforce housing will seek to tap into the tax credit allocation provided to the State; stated there is grant money coming to Arizona from the federal government that will be allocated throughout the State. Councilmember Heustis requested clarification regarding use of grant funds and apartment complexes. Mr. Simplot stated Arizona is seeking to increase the allocation for low-income housing; stated with all the apartment complexes currently under construction there is still a massive housing shortage. Councilmember Guy requested further information regarding the distribution of grant funds. Mr. Simplot confirmed the allocation of loan and housing tax credits takes place annually; provided additional information regarding the process for allocating federal funds in Arizona. Councilmember Hess requested further information regarding Buckeye's ability to participate in the process. Mr. Simplot recommends Councilmembers reach out to potential developers and direct them to contact the Arizona Department of Housing to address housing issues and financing options; stated the United States Department of Housing and Urban Development (HUD) determines opportunity zones; stated apartment complexes and higher density housing communities use less resources. Mr. Simplot was thanked for his presentation and the information provided.

3. Adjournment.

A motion was made by Vice Mayor Youngker and seconded by Councilmember Heustis to adjourn the meeting at 5:13 p.m. Motion passed unanimously.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

I hereby certify that the foregoing minutes are a true and correct copy of the Council Workshop held on November 16, 2021. I further certify that a quorum was present.

_____
Lucinda J. Aja, City Clerk

BUCKEYE, AZ

CITY OF BUCKEYE
REGULAR COUNCIL MEETING
NOVEMBER 16, 2021
MINUTES

City Council Chambers
530 E. Monroe Ave.
Buckeye, AZ 85326
6:00 PM

1. Call to Order/Invocation/Pledge of Allegiance/Roll Call
Mayor Orsborn called the meeting to order at 6:00 p.m.; Larry Tracey of the Way out West Coalition led the invocation; Vice Mayor Youngker led the Pledge of Allegiance.

Members Present: Councilmember Goodman, Councilmember HagEstad, Councilmember HagEstad, Councilmember Hess (excused at 6:29 p.m.), Councilmember Guy, Councilmember Heustis, Vice Mayor Youngker, and Mayor Orsborn.

Members Absent: None.

Departments Present: City Manager Roger Klingler, Assistant City Manager James Shano, Deputy City Manager Dave Roderique, City Attorney Shiela Schmidt, City Clerk Lucinda Aja, Deputy City Clerk Summer Stewart, Assistant to Mayor and Council Christine Grundy, Interim Fire Chief Bill Stockley, Police Chief Larry Hall, Chief Financial Officer William Kauppi, Human Resources Director Nancy Love, Public Works Director Scott Lowe, City Engineer Scott Zipprich, Development Services Director Brian Craig, Water Resources Director Alisha Solano, Information Technology Director Greg Platacz, and Community Services Director Miranda Gomez.

2. Comments from the Public – None.

3. Awards/Presentations/Proclamations – None.

4. Minutes

4.A Council to take action on approval of the October 19, 2021 Council Workshop Minutes and October 19, 2021 Regular Council Meeting Minutes.

A motion was made by Vice Mayor Youngker and seconded by Councilmember Goodman to approve the October 19, 2021 Council Workshop Minutes and October 19, 2021 Regular Council Meeting Minutes.

5. Expenditures

5.A Council to take action on the request to ratify the payment of the accounts payable expenditures made.

A motion was made by Councilmember Heustis and seconded by Vice Mayor Youngker to ratify the payment of the accounts payable expenditures made.

6. CONSENT AGENDA ITEMS / NEW BUSINESS

Approval of items on the Consent Agenda -All items with an (*) are considered to be routine matters and will be enacted by one motion and vote of the City Council. Councilmember Heustis requested Items *6.G and *6.H be pulled for discussion. After discussion was held regarding Items *6.G and *6.H, a motion was made by Councilmember Heustis and seconded by Councilmember Guy to approve Items 6.A, *6.B, *6.C, *6.D, *6.E, *6.F, *6.G, *6.H, *6.I., and *6.J. Motion passed unanimously.

***6.A Council to take action on the Agreement to Share Costs for the Feasibility Study of Bartlett Dam Modification Alternatives Among Cost-Share Partners and Salt River Project Agricultural Improvement and Power District; and authorize the Mayor to execute and deliver said Agreement on behalf of the City.**
Staff Liaison: Alisha Solano, Water Resources Director

Council approved the Agreement to Share Costs for the Feasibility Study of Bartlett Dam Modification Alternatives among Cost-Share Partners and Salt River Project Agricultural Improvement and Power District; and authorize the Mayor to execute and deliver said Agreement on behalf of the City.

***6.B Council to take action on the Revocation of the Agreement and Notice of Municipal Provider Reporting Requirements for Wingate and Wingate East (ML# 044-14-0926) Regarding Membership in the Central Arizona Groundwater Replenishment District; and authorize the City Manager to execute and deliver same on behalf of the City of Buckeye.**
Staff Liaison: Alisha Solano, Water Resources Director

Council approved the Revocation of the Agreement and Notice of Municipal Provider Reporting Requirements for Wingate and Wingate East (ML# 044-14-0926) Regarding Membership in the Central Arizona Groundwater Replenishment District; and authorize the City Manager to execute and deliver same on behalf of the City of Buckeye.

***6.C Council to take action on Resolution No. 87-21 acknowledging that certain subdivision plats and maps of dedication previously approved by the City were never effective as subdivision plats and maps of dedication and relinquishing any rights the City may have with respect to easements and/or rights-of-way dedicated therein.**
Staff Liaison: Adam Copeland, Deputy Director of Planning

Council adopted Resolution No. 87-21 acknowledging that certain subdivision plats and maps of dedication previously approved by the City were never effective as subdivision plats and maps of dedication and relinquishing any rights the City may have with respect to easements and/or rights-of-way dedicated therein.

***6.D Council to take action on a final plat titled Algodon Phase 2 generally located on the northeast corner of West Southern Avenue and South Apache Road.**
Staff Liaison: Andrea Marquez, Planner II

Council approved a final plat titled Algodon Phase 2 generally located on the northeast corner of West Southern Avenue and South Apache Road.

***6.E Council to take action on a final plat for Sun City Festival Parcel H2 Phase 1 generally located southwest of the intersection of Sun Valley Parkway and Canyon Springs Boulevard.**
Staff Liaison: Robert Busick, Planner II

Council approved a final plat for Sun City Festival Parcel H2 Phase 1 generally located southwest of the intersection of Sun Valley Parkway and Canyon Springs Boulevard.

***6.F Council to take action on the budgeted expenditure for the Municipal Firefighters Cancer Reimbursement Fund Fee in the amount of $206,219.32 for billed assessment fees.**
Staff Liaison: William Kauppi, Chief Financial Officer

Council approved the budgeted expenditure for the Municipal Firefighters Cancer Reimbursement Fund Fee in the amount of $206,219.32 for billed assessment fees.

***6.G Council to take action on Delivery Order No. 2 (Contract 2019012.01) between the City of Buckeye, an Arizona municipal corporation, and Felix Construction Company, an Arizona corporation, for labor, materials, equipment and services required to complete the rehabilitation of Sequence Batch Reactor 1 and 2; approving the Cost of Construction in excess of the maximum delivery order contract price established in the Job Order Contract; and authorizing the Mayor to execute and deliver said Contract on behalf of the City.**
Staff Liaison: Chris Williams, Construction and Contracting Manager

Councilmember Heustis requested this item be pulled for discussion and requested clarification regarding the costs associated with this Delivery Order. Mr. Williams stated the approved Job Order Contract has an expected contract price range of $500,000 to $1,000,000, but allows for a single Contract Price of up to $5,000,000 with Council approval. The work to be performed under this Delivery Order is the first of five phases for the Sundance Wastewater Treatment repairs and upgrades; costs to be expended under this Delivery Order shall not exceed $3,030,870.31. Mr. Williams stated all Delivery Orders issued under the Job Order Contract contain a not to exceed amount to be expended. Council approved Delivery Order No. 2 (Contract 2019012.01) between the City of Buckeye, an Arizona municipal corporation, and Felix Construction Company, an Arizona corporation, for labor, materials, equipment and services required to complete the rehabilitation of Sequence Batch Reactor 1 and 2; approving the Cost of Construction in excess of the maximum delivery order contract price established in the Job Order Contract; and authorizing the Mayor to execute and deliver said Contract on behalf of the City.

***6.H Council to take action on Task Order No. 1 to On-Call Consulting for Engineering and Architectural Services Contract (No. 2016-020-017) between the City of Buckeye, an Arizona municipal corporation, and Ritoch-Powell & Associates, an Arizona corporation, to provide survey and civil engineering design services for Apache Road and Broadway Road intersection improvements; and authorize the Mayor to execute and deliver said Task Order on behalf of the City.**
Staff Liaison: Chris Williams, Construction and Contracting Manager

Councilmember Heustis requested this item be pulled for discussion and requested clarification regarding the timeline for construction of Apache Road and Southern Avenue intersection improvements. Mr. Williams clarified this Task Order relates to the design of Apache Road and Broadway Road intersection improvements. The design has been completed for the construction of Apache Road and Southern Avenue intersection improvements and the City is in the process of purchasing the needed right-of-way; once the right-of-way has been purchased the City will move forward with awarding a contract for the construction of Apache Road and Southern Avenue intersection improvements. Council approved Task Order No. 1 to On-Call Consulting for Engineering and Architectural Services Contract (No. 2016-020-017) between the City of Buckeye, an Arizona municipal corporation, and Ritoch-Powell & Associates, an Arizona corporation, to provide survey and civil engineering design services for Apache Road and Broadway Road intersection improvements; and authorize the Mayor to execute and deliver said Task Order on behalf of the City.

***6.I Council to take action on the Cooperative Contract Purchase Addendum (CCPA No. 2022021) between the City of Buckeye, an Arizona municipal corporation and CCS Facility Services, a Colorado corporation, for City-wide Custodial services for Fiscal Year 2021-2022 with an annual aggregate expenditure not to exceed $450,000 for Fiscal Year 2021-2022; and authorizing the Mayor to execute and deliver said Cooperative Contract Purchase Addendum on behalf of the City.**
Staff Liaison: Chris Williams, Construction and Contracting Manager

Council approved the Cooperative Contract Purchase Addendum (CCPA No. 2022021) between the City of Buckeye, an Arizona municipal corporation and CCS Facility Services, a Colorado corporation, for City-wide Custodial services for Fiscal Year 2021-2022 with an annual aggregate expenditure not to exceed $450,000 for Fiscal Year 2021-2022; and authorizing the Mayor to execute and deliver said Cooperative Contract Purchase Addendum on behalf of the City.

***6.J Council to take action on the removal of Christopher Thurlby as an Alternate Member (District 3) of the Planning and Zoning Commission and the appointment of Darwin Meighan as an Alternate Member (District 3) of the Planning and Zoning Commission with a term expiration date of December, 2025.**
Staff Liaison: Summer Stewart, Deputy City Clerk

Council approved the removal of Christopher Thurlby as an Alternate Member (District 3) of the Planning and Zoning Commission and the appointment of Darwin Meighan as an Alternate Member (District 3) of the Planning and Zoning Commission with a term expiration date of December, 2025.

7. Public Hearings / Non-Consent - New Business

7.A Council to hold a public hearing and take action on the request for a Series 10 Beer and Wine Store Liquor License Application for Dollar City located at 427 North 1st Street.
Staff Liaison: Lucinda Aja, City Clerk

Mayor Orsborn opened a public hearing at 6:10 a.m. to hear citizen input regarding the request for a Series 10 Beer and Wine Store Liquor License for Dollar City located at 427 North 1st Street. Ms. Aja provided an overview of the request. Councilmember Heustis asked the applicant about store hours of operation. Applicant Zulfikar Virani stated the hours of operation are 10:00 a.m. to 8:00 p.m. There being no further comment, Mayor Orsborn closed the public hearing at 6:11 p.m. A motion was made by Councilmember Heustis and seconded by Vice Mayor Youngker to approve the Series 10 Beer and Wine Store Liquor License Application for Dollar City located at 427 North 1st Street. Motion passed unanimously.

7.B Council to take action on Ordinance No. 17-21 declaring as a public record that certain document on file with the City Clerk entitled "PLZM-21-00247 - Buckeye Sign Code" by reference; and amending the City of Buckeye Code, Chapter 7 - Development Code, Article 5 - Development and Design Standards and Guidelines, Section 5.11 - Signs, of the City of Buckeye Municipal Code; providing for the repeal of conflicting ordinances; providing for severability; and providing for penalties.
Staff Liaison, Hobart Wingard, Principal Planner

Mr. Wingard provided an overview of the proposed Buckeye Sign Code amendments. The City is seeking approval to amend the development code in regards to signage resulting from the United States Supreme Court ruling in Reed v. Town of Gilbert, Arizona on June 18, 2015, which prevents a local government from adopting sign regulations according to message type. Approval of the proposed amendments will bring the code into compliance with the Supreme Court decision. The proposed amendments also include provisions for Lawful Temporary Event signage, Model Home Complex signage, and Neighborhood identity signage. All internal departments have reviewed and

approved the proposal. Vice Mayor Youngker requested further information regarding signage permitting. Mr. Wingard stated there is a signage permit process through the City's Facilities Division. Councilmember Heustis requested clarification regarding the amended sections. Mr. Wingard clarified the proposed amendments relate to Section 5.11 of the City's Municipal Code. A motion was made by Councilmember Heustis and seconded by Vice Mayor Youngker to adopt Ordinance No. 17-21 declaring as a public record that certain document on file with the City Clerk entitled "PLZM-21-00247 - Buckeye Sign Code" by reference; and amending the City of Buckeye Code, Chapter 7 - Development Code, Article 5 - Development and Design Standards and Guidelines, Section 5.11 - Signs, of the City of Buckeye Municipal Code; providing for the repeal of conflicting ordinances; providing for severability; and providing for penalties. Motion passed unanimously.

7.C Council to take action on funding of two recommended Economic Development Catalyst Program requests in the amount of $78,750, plus certain City fees eligible for reimbursement.
Staff Liaison: Tennille Hiller, Economic Development Coordinator

Ms. Hiller provided an overview of the request to fund two Economic Development Catalyst Program projects. This Program exists to promote the rehabilitation of existing commercial, industrial, or mixed-use properties by offering up to $50,000 of City funding (per project) toward improvement costs. Not all commercial, industrial, or mixed-use properties within the City are eligible for this program; only those that serve a public purpose are eligible. Fees may be included but only those fees that are associated with a project that serves a public purpose. These properties must already have applicable zoning or be rezoned before being eligible. Past projects were listed and reviewed. Four applications were received and reviewed; two applications have been recommended for approval, in a total amount of $78,750, plus certain City fees eligible for reimbursement, such as fees for permitting and lot combinations. The recommended projects include Calvert Oil Company improvements and Ware building improvements. Councilmember Guy expressed her support of this Program. Councilmember Heustis requested clarification regarding the projects. Ms. Hiller stated the project includes an asphalt parking lot; stated the Calvert Oil Company project includes painting the buildings, tanks, parking canopy and loading racks; confirmed the project will require a design approval process to include approval of paint color. Mayor Orsborn presented statements regarding the success of this program; requested further information regarding annual funding allocations. Ms. Hiller stated the funds are allocated annually in the amount of $250,000. A motion was made by Councilmember Heustis and seconded by Vice Mayor Youngker to approve funding of two recommended Economic Development Catalyst Program requests in the amount of $78,750, plus certain City fees eligible for reimbursement. Motion passed unanimously.

8. City Manager's Report and Summary of Current Events

Mr. Klingler presented a brief summary of current events.

9. Comments from the Mayor and Council

Vice Mayor Youngker: invited residents to attend upcoming City events.

Councilmember HagEstad: no comment.

Councilmember Goodman: no comment.

Councilmember Heustis: wished staff and residents a safe and happy Thanksgiving; thanked participants of recent Veterans Day Parade.

Councilmember Guy: no comment.

Councilmember Hess: absent (excused at 6:29 p.m.).

Mayor Orsborn: no comment.

10. Council will make a motion to adjourn the meeting

A motion was made by Vice Mayor Youngker and seconded by Councilmember Goodman to adjourn the meeting at 6:36 p.m. Motion passed unanimously.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

I hereby certify that the foregoing minutes are a true and correct copy of the Regular Council Meeting held on November 16, 2021. I further certify that a quorum was present.

_____
Lucinda J. Aja, City Clerk

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 5.A. City Expenditures
DATE PREPARED: 12/16/21	**DISTRICT NO.:** All
STAFF LIAISON: William Kauppi. Chief Financial Officer, wkauppi@buckeyeaz.gov, (623) 349-6161	
DEPARTMENT: Financial Services	**AGENDA ITEM TYPE:** Expenditures

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on the request to ratify the payment of the accounts payable expenditures made. Copies of invoices are available at City Hall.

RELEVANT GOALS:
GOAL 1: Fiscal Wellness and Financial Flexibility and Accountability

SUMMARY

PROJECT DESCRIPTION:

Council to take action on the request to ratify the payment of the accounts payable expenditures made. Copies of invoices are available at City Hall.

BUDGETED:
Yes

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Expenditures 10212021-11172021.pdf

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138306	10/21/2021	PRTD	1290	CENTURY GRAPHICS INC	16132	09/30/2021		102121AP	6,300.74
					6,300.74 10004150 521510 Postage and Freight				
							CHECK	138306 TOTAL:	6,300.74
138307	10/21/2021	PRTD	5341	EVLALIA ZARCO	10182021	10/18/2021		102121AP	1,891.17
					1,891.17 30701187 520023 Catalyst Program				
							CHECK	138307 TOTAL:	1,891.17
					NUMBER OF CHECKS 2		*** CASH ACCOUNT TOTAL ***		8,191.91

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	2	8,191.91

*** GRAND TOTAL *** 8,191.91

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T	OB	DEBIT	CREDIT
2022 4 745									
APP 1000-201000					Accounts Payable			6,300.74	
10/21/2021	102121AP	AP1021			AP CASH DISBURSEMENTS JOURNAL				
APP 9999-104000					Cash in Bank - Checking				8,191.91
10/21/2021	102121AP	AP1021			AP CASH DISBURSEMENTS JOURNAL				
APP 3070-201000					Accounts Payable			1,891.17	
10/21/2021	102121AP	AP1021			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			8,191.91	8,191.91
APP 9999-201010					DT DF			8,191.91	
10/21/2021	102121AP	AP1021							
APP 1000-101010					Pooled Cash Equity				6,300.74
10/21/2021	102121AP	AP1021							
APP 3070-101010					Pooled Cash Equity				1,891.17
10/21/2021	102121AP	AP1021							
					SYSTEM GENERATED ENTRIES TOTAL			8,191.91	8,191.91
					JOURNAL 2022/04/745 TOTAL			16,383.82	16,383.82

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	4	745	10/21/2021			
1000-101010				Pooled Cash Equity			6,300.74
1000-201000				Accounts Payable		6,300.74	
					FUND TOTAL	6,300.74	6,300.74
3070 Eco Dev Reinvestment	2022	4	745	10/21/2021			
3070-101010				Pooled Cash Equity			1,891.17
3070-201000				Accounts Payable		1,891.17	
					FUND TOTAL	1,891.17	1,891.17
9999 Pooled Cash	2022	4	745	10/21/2021			
9999-104000				Cash in Bank - Checking			8,191.91
9999-201010				DT DF		8,191.91	
					FUND TOTAL	8,191.91	8,191.91

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FR
1000 General Fund		6,300.74
3070 Eco Dev Reinvestment		1,891.17
9999 Pooled Cash	8,191.91	
TOTAL	8,191.91	8,191.91

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138308	10/25/2021	PRTD	5666	KIMLEY-HORN AND ASSOCIATES, INC.	19688635	09/30/2021	22101077	102521AP	17,475.30
				17,475.30 50213170 543120	ITS Yuma-237th-Verrado Way				
							CHECK	138308 TOTAL:	17,475.30
138309	10/25/2021	PRTD	6585	PCL CONSTRUCTION, INC	Job 2019012.04 app 508/31/2021		22100957	102521AP	8,390.98
				8,390.98 40011113 543129	Festival WRF Improvements				
				PCL CONSTRUCTION, INC	Job2019012.04 app 7 08/31/2021		22101280	102521AP	10,553.19
				10,553.19 40011113 543146	NE Lift Station Odor Scrubber				
							CHECK	138309 TOTAL:	18,944.17
					NUMBER OF CHECKS 2		*** CASH ACCOUNT TOTAL ***		36,419.47

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	2	36,419.47

*** GRAND TOTAL *** 36,419.47

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2022 4 831								
APP 5021-201000					Accounts Payable		17,475.30	
10/25/2021	102521AP	AP1025			AP CASH DISBURSEMENTS JOURNAL			
APP 9999-104000					Cash in Bank - Checking			36,419.47
10/25/2021	102521AP	AP1025			AP CASH DISBURSEMENTS JOURNAL			
APP 4001-201000					Accounts Payable		18,944.17	
10/25/2021	102521AP	AP1025			AP CASH DISBURSEMENTS JOURNAL			
					GENERAL LEDGER TOTAL		36,419.47	36,419.47
APP 9999-201010					DT DF		36,419.47	
10/25/2021	102521AP	AP1025						
APP 5021-101010					Pooled Cash Equity			17,475.30
10/25/2021	102521AP	AP1025						
APP 4001-101010					Pooled Cash Equity			18,944.17
10/25/2021	102521AP	AP1025						
					SYSTEM GENERATED ENTRIES TOTAL		36,419.47	36,419.47
					JOURNAL 2022/04/831 TOTAL		72,838.94	72,838.94

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
4001 Wastewater Fund	2022	4	831	10/25/2021			
4001-101010				Pooled Cash Equity			18,944.17
4001-201000				Accounts Payable		18,944.17	
					FUND TOTAL	18,944.17	18,944.17
5021 CIP General	2022	4	831	10/25/2021			
5021-101010				Pooled Cash Equity			17,475.30
5021-201000				Accounts Payable		17,475.30	
					FUND TOTAL	17,475.30	17,475.30
9999 Pooled Cash	2022	4	831	10/25/2021			
9999-104000				Cash in Bank - Checking			36,419.47
9999-201010				DT DF		36,419.47	
					FUND TOTAL	36,419.47	36,419.47

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FR
4001 Wastewater Fund		18,944.17
5021 CIP General		17,475.30
9999 Pooled Cash	36,419.47	
TOTAL	36,419.47	36,419.47

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138316	10/27/2021	PRTD	1055	ACHEN-GARDNER CONSTRUCTION, LLC 1		09/08/2021	22200602	102721AP	6,288.04
				6,288.04 40001113 543042		Waterline at Airport			
							CHECK 138316 TOTAL:		6,288.04
138317	10/27/2021	PRTD	5566	ACRO SERVICE CORPORATION	1466829	10/03/2021	22200363	102721AP	603.85
				301.93 40003210 520037		Professional Services General			
				301.92 40013220 520037		Professional Services General			
							CHECK 138317 TOTAL:		603.85
138318	10/27/2021	PRTD	1045	AHS RESCUE LLC	22610	10/25/2021	22200554	102721AP	5,987.59
				5,987.59 10002140 522155		Operational Supplies			
							CHECK 138318 TOTAL:		5,987.59
138319	10/27/2021	PRTD	5141	ANDREWS REFRIGERATION	127902	10/06/2021	22200341	102721AP	1,467.40
				1,467.40 40013222 520543		WW R&M			
							CHECK 138319 TOTAL:		1,467.40
138320	10/27/2021	PRTD	1104	ARAMARK UNIFORM & CAREER APPAREL	473000304473	09/30/2021	22200362	102721AP	614.85
				345.59 40003210 521922		Uniforms			
				269.26 40013220 521922		Uniforms			
				ARAMARK UNIFORM & CAREER APPAREL	473000307471	10/07/2021	22200362	102721AP	614.85
				345.59 40003210 521922		Uniforms			
				269.26 40013220 521922		Uniforms			
							CHECK 138320 TOTAL:		1,229.70
138321	10/27/2021	PRTD	5101	AREA AGENCY ON AGING, REGION ONE,	10262021	10/26/2021		102721AP	4.00
				4.00 35754150 521502		Program Supplies/Equipment			
							CHECK 138321 TOTAL:		4.00
138322	10/27/2021	PRTD	5686	ARIZONA PPE RECON, INC.	3086	10/21/2021	22200022	102721AP	1,257.00
				1,257.00 10002140 520518		Equip Testing & Certification			
							CHECK 138322 TOTAL:		1,257.00
138323	10/27/2021	PRTD	5362	ARIZONA DEPARTMENT OF ADMINISTRAT	AFTP2022011	10/07/2021		102721AP	1,000.00
				1,000.00 10001110 520037		Professional Services General			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138323 TOTAL:	1,000.00
138324	10/27/2021	PRTD	1165	AGS SAFETY & SUPPLY	7554899	10/11/2021	22200679	102721AP	872.81
					872.81 40013231 522152 Safety Equipment				
								CHECK 138324 TOTAL:	872.81
138325	10/27/2021	PRTD	5029	CDW GOVERNMENT LLC	M321695	10/18/2021	22200707	102721AP	3,236.62
					3,236.62 10001192 522155 Operational Supplies				
				CDW GOVERNMENT LLC	M204493	10/14/2021	22200005	102721AP	73.75
					73.75 10001112 521521 IT Equipment <$5000				
								CHECK 138325 TOTAL:	3,310.37
138326	10/27/2021	PRTD	1299	CINTAS CORPORATION NO.2 - LOC D53	0D53632074	09/30/2021	22200719	102721AP	1,745.00
					1,745.00 40013221 520037 Professional Services General				
				CINTAS CORPORATION NO.2 - LOC D53	0D53631942	09/30/2021	22200719	102721AP	234.79
					234.79 40013221 520037 Professional Services General				
				CINTAS CORPORATION NO.2 - LOC D53	0D53631669	09/30/2021	22200719	102721AP	535.00
					535.00 40013221 520037 Professional Services General				
				CINTAS CORPORATION NO.2 - LOC D53	0D53632153	10/05/2021	22200547	102721AP	810.72
					810.72 40013225 520580 WRF O&M				
				CINTAS CORPORATION NO.2 - LOC D53	0D53632017	10/01/2021	22200548	102721AP	253.82
					253.82 40013222 520037 Professional Services General				
								CHECK 138326 TOTAL:	3,579.33
138327	10/27/2021	PRTD	1308	CITY OF PHOENIX	400947320	10/19/2021	22200158	102721AP	39,650.10
					30,013.62 10002121 520041 RWC Subscriber Fees				
					9,636.48 10002140 520041 RWC Subscriber Fees				
				CITY OF PHOENIX	400947380	10/20/2021	22200158	102721AP	2,960.64
					2,960.64 10002140 520041 RWC Subscriber Fees				
								CHECK 138327 TOTAL:	42,610.74
138328	10/27/2021	PRTD	1267	CNA SURETY DIRECT BILL	102021	10/20/2021		102721AP	50.00
					50.00 10001102 526120 Dues and Memberships				
								CHECK 138328 TOTAL:	50.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138329	10/27/2021	PRTD	6235	CONSULTANT ENGINEERING, INC.	210706s-820.03	08/09/2021	22200753	102721AP	11,900.00
				11,900.00 40001113 543102		WPhoenix Est Wtr Campus #3 Imp			
				CONSULTANT ENGINEERING, INC.	210907s-820.03	10/13/2021	22200753	102721AP	5,981.25
				5,981.25 40001113 543102		WPhoenix Est Wtr Campus #3 Imp			
								CHECK 138329 TOTAL:	17,881.25
138330	10/27/2021	PRTD	6721	DCS MANAGMENT, LLC	69166	07/31/2021	22200720	102721AP	522.50
				522.50 40013223 520037		Professional Services General			
				DCS MANAGMENT, LLC	71129	09/30/2021	22200720	102721AP	548.98
				548.98 40013221 520037		Professional Services General			
								CHECK 138330 TOTAL:	1,071.48
138331	10/27/2021	PRTD	1363	DESERT EDGE AUTO BODY LLC	8605	10/14/2021	22200161	102721AP	1,262.72
				1,262.72 31001115 521508		Automotive Expenses			
								CHECK 138331 TOTAL:	1,262.72
138332	10/27/2021	PRTD	1414	EWING IRRIGATION PRODUCTS INC	15457141	10/19/2021	22200057	102721AP	420.29
				420.29 10004155 520586		Irrigation Systems Parts/Mater			
								CHECK 138332 TOTAL:	420.29
138333	10/27/2021	PRTD	5751	EXECUPUNDIT CONSULTING, LLC	BUCHR02101921	10/19/2021	22200752	102721AP	2,700.00
				2,700.00 10001115 520037		Professional Services General			
								CHECK 138333 TOTAL:	2,700.00
138334	10/27/2021	PRTD	1432	FERGUSON WATERWORKS #3083	0440658	09/30/2021	22200575	102721AP	873.89
				873.89 40013221 520540		Wastewater Plant R & M			
				FERGUSON WATERWORKS #3083	0443256	10/13/2021	22200098	102721AP	993.88
				993.88 40003218 520577		Reservoir/Booster Maint/Repair			
								CHECK 138334 TOTAL:	1,867.77
138335	10/27/2021	PRTD	1432	FERGUSON ENTERPRISES INC.	0201436	10/14/2021	22200379	102721AP	4,468.98
				4,468.98 40003350 521514		Water Distrib System R&M			
								CHECK 138335 TOTAL:	4,468.98

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138336	10/27/2021	PRTD	5939	FORTILINE, INC	5392982	09/30/2021	22200138	102721AP	10,860.27
				10,860.27 40003350 521514 Water Distrib System R&M					
				FORTILINE, INC	5443217	09/30/2021	22200401	102721AP	9,451.20
				9,451.20 40003350 520574 Fire Hydrant Maint/Replacement					
				FORTILINE, INC	5434957	09/30/2021	22200401	102721AP	997.18
				997.18 40003350 520574 Fire Hydrant Maint/Replacement					
				FORTILINE, INC	5439047	09/30/2021	22200528	102721AP	5,649.52
				5,649.52 40003351 520575 Water Meters R & M					
								CHECK 138336 TOTAL:	26,958.17
138337	10/27/2021	PRTD	5404	GIANT ELECTRIC CORPORATION	210818-5	10/08/2021	22200525	102721AP	944.14
				944.14 10004155 520037 Professional Services General					
								CHECK 138337 TOTAL:	944.14
138338	10/27/2021	PRTD	6205	GRANICUS, LLC.	144664	10/06/2021	22200506	102721AP	13,389.71
				13,389.71 10001189 520030 Software Maintenance					
								CHECK 138338 TOTAL:	13,389.71
138339	10/27/2021	PRTD	1489	GUST ROSENFELD P.L.C.	006718-00483	10/01/2021		102721AP	40,000.00
				40,000.00 40013220 520001 Legal Services					
								CHECK 138339 TOTAL:	40,000.00
138340	10/27/2021	PRTD	1491	USA BLUE BOOK	708504	08/26/2021	22200233	102721AP	43.64
				43.64 40013222 521503 Lab Supplies					
				USA BLUE BOOK	708594	08/26/2021	22200234	102721AP	119.95
				119.95 40013224 521503 Lab Supplies					
				USA BLUE BOOK	759261	10/14/2021	22200234	102721AP	320.73
				320.73 40013224 521503 Lab Supplies					
				USA BLUE BOOK	760668	10/15/2021	22200234	102721AP	334.05
				334.05 40013224 521503 Lab Supplies					
								CHECK 138340 TOTAL:	818.37
138341	10/27/2021	PRTD	6322	HEINFELD, MEECH & CO. P.C.	102335	10/12/2021	22200734	102721AP	50,206.75
				50,206.75 10001110 520002 Audit Services					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				HEINFELD, MEECH & CO. P.C.	11348525-80198	10/25/2021	22200736	102721AP	40.00
				40.00 10001110 526110 Conference and Seminars					
								CHECK 138341 TOTAL:	50,246.75
138342	10/27/2021	PRTD	1509	HENRY SCHEIN INC	11323177	10/11/2021	22200250	102721AP	78.50
				78.50 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11572689	10/15/2021	22200250	102721AP	11.96
				11.96 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11545921	10/15/2021	22200250	102721AP	306.63
				306.63 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11611863	10/18/2021	22200250	102721AP	14.95
				14.95 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11611865	10/18/2021	22200250	102721AP	29.90
				29.90 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11545922	10/19/2021	22200250	102721AP	334.46
				334.46 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11664929	10/19/2021	22200250	102721AP	242.50
				242.50 10002140 522153 Medical Supplies					
				HENRY SCHEIN INC	11709991	10/19/2021	22200250	102721AP	342.13
				342.13 10002140 522153 Medical Supplies					
								CHECK 138342 TOTAL:	1,361.03
138343	10/27/2021	PRTD	1513	HILL BROTHERS CHEMICAL COMPANY	07110144	10/06/2021	22200133	102721AP	977.40
				977.40 40003218 521540 Chemicals					
				HILL BROTHERS CHEMICAL COMPANY	07110142	10/06/2021	22200133	102721AP	358.38
				358.38 40003216 521540 Chemicals					
								CHECK 138343 TOTAL:	1,335.78
138344	10/27/2021	PRTD	6556	ABRAZO WEST CAMPUS ATTN: ACCOUNTI	AWC 093021-Fire	10/21/2021	22200068	102721AP	19.17
				19.17 10002140 522153 Medical Supplies					
								CHECK 138344 TOTAL:	19.17
138345	10/27/2021	PRTD	3051	JOHNSON CONTROLS INC	1-107660283660	10/08/2021	22200096	102721AP	4,991.48
				4,991.48 40003214 520577 Reservoir/Booster Maint/Repair					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138345 TOTAL:	4,991.48
138346	10/27/2021	PRTD	1605	LAYER 8, LLC	1642	10/10/2021	22200516	102721AP	5,600.00
					5,600.00 10001189 520018	General Contractual Services			
				LAYER 8, LLC	1643	09/01/2021	22200715	102721AP	8,500.00
					8,500.00 40003210 543028	Jackie A Meck Wtr Campus/BRWC			
								CHECK 138346 TOTAL:	14,100.00
138347	10/27/2021	PRTD	6190	LEGEND TECHNICAL SERVICES, INC.	2214749	09/30/2021	22200730	102721AP	2,403.00
					2,403.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2113017	08/31/2021	22200730	102721AP	1,505.00
					1,505.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2113016	08/31/2021	22200730	102721AP	1,438.00
					1,438.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2113014	08/31/2021	22200730	102721AP	1,602.00
					1,602.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2113013	08/31/2021	22200730	102721AP	1,491.00
					1,491.00 40013227 520049	Laboratory Fees			
								CHECK 138347 TOTAL:	8,439.00
138348	10/27/2021	PRTD	5342	M & M PORTABLE TOILETS LLC	I8345	10/19/2021	22200146	102721AP	163.95
					163.95 50012140 521505	Equipment Rental			
								CHECK 138348 TOTAL:	163.95
138349	10/27/2021	PRTD	1649	MARICOPA COUNTY ENVIRONMENTAL SER	Permit 07195	09/07/2021		102721AP	2,270.00
					2,270.00 40003228 520036	Permit Fees			
								CHECK 138349 TOTAL:	2,270.00
138350	10/27/2021	PRTD	6861	MARICOPA COUNTY LIBRARY COUNCIL	2021-2022	09/08/2021	22200537	102721AP	75.00
					75.00 10004151 526120	Dues and Memberships			
								CHECK 138350 TOTAL:	75.00
138351	10/27/2021	PRTD	5018	METRO FIRE EQUIPMENT INC	IN00344513	10/11/2021	22200530	102721AP	1,470.00
					1,470.00 40013224 522152	Safety Equipment			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138351 TOTAL:	1,470.00
138352	10/27/2021	PRTD	1686	MUNICIPAL CODE CORPORATION	00365199	10/20/2021	22200035	102721AP	179.00
				179.00 10001102 523055	Legal Printing and Advertising				
								CHECK 138352 TOTAL:	179.00
138353	10/27/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01I6701000492	10/02/2021	22200477	102721AP	53.12
				53.12 10001110 521501	Office Supplies				
								CHECK 138353 TOTAL:	53.12
138354	10/27/2021	PRTD	1770	PIONEER TITLE AGENCY INC	00504646	09/28/2021	22200639	102721AP	600.00
				600.00 50213170 543150	Watson-Broadway DCR				
				PIONEER TITLE AGENCY INC	00504665	09/29/2021	22200639	102721AP	400.00
				400.00 50213170 543150	Watson-Broadway DCR				
				PIONEER TITLE AGENCY INC	00504630	09/28/2021	22200639	102721AP	400.00
				400.00 50213170 543150	Watson-Broadway DCR				
				PIONEER TITLE AGENCY INC	00504926	10/12/2021	22200639	102721AP	400.00
				400.00 50213170 543150	Watson-Broadway DCR				
				PIONEER TITLE AGENCY INC	00504848	10/07/2021		102721AP	400.00
				400.00 50213170 543137	Miller Rd Exp-Durango-LBuckeye				
								CHECK 138354 TOTAL:	2,200.00
138355	10/27/2021	PRTD	6741	AIMS COMPANIES	928594	09/30/2021	22200490	102721AP	2,370.46
				2,370.46 40013225 520037	Professional Services General				
								CHECK 138355 TOTAL:	2,370.46
138356	10/27/2021	PRTD	6924	PRO BOX PORTABLE STORAGE	212908	10/19/2021	22200458	102721AP	170.17
				170.17 10001189 521505	Equipment Rental				
								CHECK 138356 TOTAL:	170.17
138357	10/27/2021	PRTD	6889	PUBLIC SAFETY CRISIS SOLUTIONS LL	5057	10/17/2021	22200640	102721AP	360.00
				360.00 10001115 520037	Professional Services General				
				PUBLIC SAFETY CRISIS SOLUTIONS LL	5068	10/17/2021	22200640	102721AP	541.00
				541.00 10001115 520037	Professional Services General				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138357 TOTAL:	901.00
138358	10/27/2021	PRTD	5716	BLUECOSMO	BU01385760	10/24/2021	22200119	102721AP	163.62
				163.62 35772140 523013		Nuc Emerg. Mgmt Expenditure			
								CHECK 138358 TOTAL:	163.62
138359	10/27/2021	PRTD	1842	ROADWAY ELECTRIC LLC	63	10/26/2021	22200222	102721AP	3,056.00
				3,056.00 31001115 523009		Losses <$5,000			
				ROADWAY ELECTRIC LLC	64	10/26/2021	22200222	102721AP	17,597.00
				17,597.00 31001115 523009		Losses <$5,000			
				ROADWAY ELECTRIC LLC	65	10/26/2021	22200222	102721AP	6,742.00
				6,742.00 31001115 523009		Losses <$5,000			
								CHECK 138359 TOTAL:	27,395.00
138360	10/27/2021	PRTD	6938	SAGUARO SUMMIT LLC	1388	10/15/2021	22200596	102721AP	7,036.66
				7,036.66 30751188 520011		Marketing & Tourism			
								CHECK 138360 TOTAL:	7,036.66
138361	10/27/2021	PRTD	1865	SALT RIVER EXTRACTION LLC	32871	09/30/2021	22200385	102721AP	400.00
				400.00 40003218 520585		Treatment Plant O&M			
								CHECK 138361 TOTAL:	400.00
138362	10/27/2021	PRTD	5401	LOCKBOX SCOTTS AZ ELECTRIC MOTOR	122245	10/19/2021	22200373	102721AP	1,685.12
				1,685.12 40013221 520540		Wastewater Plant R & M			
								CHECK 138362 TOTAL:	1,685.12
138363	10/27/2021	PRTD	1881	SECRETARY OF STATE	101921	10/19/2021		102721AP	43.00
				43.00 10001102 526120		Dues and Memberships			
								CHECK 138363 TOTAL:	43.00
138364	10/27/2021	PRTD	1858	SHI INTERNATIONAL CORP	B14217797	10/18/2021	22200704	102721AP	2,122.81
				2,122.81 10001102 520030		Software Maintenance			
				SHI INTERNATIONAL CORP	B14218090	10/18/2021	22200703	102721AP	1,492.45
				1,492.45 10001102 520030		Software Maintenance			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138364 TOTAL:	3,615.26
138365	10/27/2021	PRTD	5318	SOLENIS LLC	131880922	10/08/2021	22200304	102721AP	3,941.73
					3,941.73 40013224 521540 Chemicals				
				SOLENIS LLC	131880923	10/08/2021	22200305	102721AP	15,766.92
					15,766.92 40013221 521540 Chemicals				
								CHECK 138365 TOTAL:	19,708.65
138366	10/27/2021	PRTD	3089	SOMERSET LANDSCAPE LLC	PHXW 260864	09/01/2021	22200439	102721AP	1,420.00
					1,420.00 50012140 520035 Landscaping Service				
								CHECK 138366 TOTAL:	1,420.00
138367	10/27/2021	PRTD	5542	THE LUNSFORD GROUP LLC	1180	10/01/2021	22200097	102721AP	4,000.00
					4,000.00 10001101 520047 Government Relations Program				
								CHECK 138367 TOTAL:	4,000.00
138368	10/27/2021	PRTD	1884	THE SEGAL COMPANY	415944	07/22/2021	22200716	102721AP	28,000.00
					28,000.00 10001115 520037 Professional Services General				
								CHECK 138368 TOTAL:	28,000.00
138369	10/27/2021	PRTD	2029	U.S. PAYMENTS, LLC	024396	09/30/2021	22200395	102721AP	1,747.94
					541.86 40003230 520037 Professional Services General				
					541.86 40013230 520037 Professional Services General				
					664.22 40053230 520037 Professional Services General				
								CHECK 138369 TOTAL:	1,747.94
138370	10/27/2021	PRTD	2035	UNIFIRST CORPORATION	3152453503	10/20/2021	22200055	102721AP	5.62
					5.62 35754150 521502 Program Supplies/Equipment				
								CHECK 138370 TOTAL:	5.62
138371	10/27/2021	PRTD	2058	VERIZON WIRELESS SERVICES, LLC	INV24316195	10/06/2021		102721AP	38.27
					38.27 10005180 526025 Telephone				
								CHECK 138371 TOTAL:	38.27

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138372	10/27/2021	PRTD	2062	VERRADO COMMUNITY ASSOCIATION	101921 FY22	10/19/2021		102721AP	242,112.10
					226,829.04 80017702 523047	Developer Reimbursement			
					15,283.06 80027703 523047	Developer Reimbursement			
						CHECK 138372 TOTAL:			242,112.10
138373	10/27/2021	PRTD	5190	WEST TECH LLC	21-10616-2	10/13/2021	22200444	102721AP	1,493.83
					701.76 40003213 520577	Reservoir/Booster Maint/Repair			
					90.31 40003216 520577	Reservoir/Booster Maint/Repair			
					701.76 40003218 520577	Reservoir/Booster Maint/Repair			
						CHECK 138373 TOTAL:			1,493.83
					NUMBER OF CHECKS 58	*** CASH ACCOUNT TOTAL ***			609,254.69

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	58	609,254.69

*** GRAND TOTAL *** 609,254.69

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2022 4 996									
APP 4000-201000					Accounts Payable			77,116.38	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 9999-104000					Cash in Bank - Checking				609,254.69
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 4001-201000					Accounts Payable			83,738.81	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 1000-201000					Accounts Payable			165,971.61	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 3575-201000					Accounts Payable			9.62	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 3100-201000					Accounts Payable			28,657.72	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 5001-201000					Accounts Payable			1,583.95	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 5021-201000					Accounts Payable			2,200.00	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 3577-201000					Accounts Payable			163.62	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 3075-201000					Accounts Payable			7,036.66	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 4005-201000					Accounts Payable			664.22	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 8001-201000					Accounts Payable			226,829.04	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
APP 8002-201000					Accounts Payable			15,283.06	
10/27/2021	102721AP	AP1027			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			609,254.69	609,254.69
APP 9999-201010					DT DF			609,254.69	
10/27/2021	102721AP	AP1027							
APP 4000-101010					Pooled Cash Equity				77,116.38
10/27/2021	102721AP	AP1027							
APP 4001-101010					Pooled Cash Equity				83,738.81
10/27/2021	102721AP	AP1027							
APP 1000-101010					Pooled Cash Equity				165,971.61
10/27/2021	102721AP	AP1027							
APP 3575-101010					Pooled Cash Equity				9.62
10/27/2021	102721AP	AP1027							
APP 3100-101010					Pooled Cash Equity				28,657.72
10/27/2021	102721AP	AP1027							
APP 5001-101010					Pooled Cash Equity				1,583.95
10/27/2021	102721AP	AP1027							
APP 5021-101010					Pooled Cash Equity				2,200.00
10/27/2021	102721AP	AP1027							
APP 3577-101010					Pooled Cash Equity				163.62

JOURNAL ENTRIES TO BE CREATED

YEAR PER JNL SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
	10/27/2021	102721AP	AP1027							
APP 3075-101010						Pooled Cash Equity				7,036.66
	10/27/2021	102721AP	AP1027							
APP 4005-101010						Pooled Cash Equity				664.22
	10/27/2021	102721AP	AP1027							
APP 8001-101010						Pooled Cash Equity				226,829.04
	10/27/2021	102721AP	AP1027							
APP 8002-101010						Pooled Cash Equity				15,283.06
	10/27/2021	102721AP	AP1027							
									609,254.69	609,254.69
						SYSTEM GENERATED ENTRIES TOTAL				
						JOURNAL 2022/04/996 TOTAL			1,218,509.38	1,218,509.38

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	4	996	10/27/2021			
1000-101010				Pooled Cash Equity			165,971.61
1000-201000				Accounts Payable		165,971.61	
					FUND TOTAL	165,971.61	165,971.61
3075 Transient Lodging	2022	4	996	10/27/2021			
3075-101010				Pooled Cash Equity			7,036.66
3075-201000				Accounts Payable		7,036.66	
					FUND TOTAL	7,036.66	7,036.66
3100 Risk Mgmt Retention Fund	2022	4	996	10/27/2021			
3100-101010				Pooled Cash Equity			28,657.72
3100-201000				Accounts Payable		28,657.72	
					FUND TOTAL	28,657.72	28,657.72
3575 Area Agency on Aging	2022	4	996	10/27/2021			
3575-101010				Pooled Cash Equity			9.62
3575-201000				Accounts Payable		9.62	
					FUND TOTAL	9.62	9.62
3577 Nuclear Emergency Management	2022	4	996	10/27/2021			
3577-101010				Pooled Cash Equity			163.62
3577-201000				Accounts Payable		163.62	
					FUND TOTAL	163.62	163.62
4000 Water Utility Fund	2022	4	996	10/27/2021			
4000-101010				Pooled Cash Equity			77,116.38
4000-201000				Accounts Payable		77,116.38	
					FUND TOTAL	77,116.38	77,116.38
4001 Wastewater Fund	2022	4	996	10/27/2021			
4001-101010				Pooled Cash Equity			83,738.81
4001-201000				Accounts Payable		83,738.81	
					FUND TOTAL	83,738.81	83,738.81
4005 Environmental Services	2022	4	996	10/27/2021			
4005-101010				Pooled Cash Equity			664.22
4005-201000				Accounts Payable		664.22	
					FUND TOTAL	664.22	664.22
5001 Cemetery Improvement Fund	2022	4	996	10/27/2021			

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
5001-101010				Pooled Cash Equity			1,583.95
5001-201000				Accounts Payable		1,583.95	
					FUND TOTAL	1,583.95	1,583.95
5021 CIP General	2022	4	996	10/27/2021			
5021-101010				Pooled Cash Equity			2,200.00
5021-201000				Accounts Payable		2,200.00	
					FUND TOTAL	2,200.00	2,200.00
8001 Verrado Dist 1 CFD O&M	2022	4	996	10/27/2021			
8001-101010				Pooled Cash Equity			226,829.04
8001-201000				Accounts Payable		226,829.04	
					FUND TOTAL	226,829.04	226,829.04
8002 Verrado WO CFD O&M	2022	4	996	10/27/2021			
8002-101010				Pooled Cash Equity			15,283.06
8002-201000				Accounts Payable		15,283.06	
					FUND TOTAL	15,283.06	15,283.06
9999 Pooled Cash	2022	4	996	10/27/2021			
9999-104000				Cash in Bank - Checking			609,254.69
9999-201010				DT DF		609,254.69	
					FUND TOTAL	609,254.69	609,254.69

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
1000	General Fund		165,971.61
3075	Transient Lodging		7,036.66
3100	Risk Mgmt Retention Fund		28,657.72
3575	Area Agency on Aging		9.62
3577	Nuclear Emergency Management		163.62
4000	Water Utility Fund		77,116.38
4001	Wastewater Fund		83,738.81
4005	Environmental Services		664.22
5001	Cemetery Improvement Fund		1,583.95
5021	CIP General		2,200.00
8001	Verrado Dist 1 CFD O&M		226,829.04
8002	Verrado WO CFD O&M		15,283.06
9999	Pooled Cash	609,254.69	
	TOTAL	609,254.69	609,254.69

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138457	11/04/2021	PRTD	6456	3 MINUTE BUCKEYE LLC	1015	10/25/2021	22200256	110421AP	121.93
				121.93 10005185 521508 Automotive Expenses					
				3 MINUTE BUCKEYE LLC	1014	10/25/2021	22200256	110421AP	121.93
				121.93 10005185 521508 Automotive Expenses					
								CHECK 138457 TOTAL:	243.86
138458	11/04/2021	PRTD	5566	ACRO SERVICE CORPORATION	1469497	10/10/2021	22200399	110421AP	1,273.00
				1,273.00 10005185 520037 Professional Services General					
				ACRO SERVICE CORPORATION	1481770	10/17/2021	22200363	110421AP	668.88
				334.44 40003210 520037 Professional Services General					
				334.44 40013220 520037 Professional Services General					
				ACRO SERVICE CORPORATION	1469562	10/10/2021	22200404	110421AP	727.75
				727.75 10002121 520012 Contract Labor					
				ACRO SERVICE CORPORATION	1491724	10/24/2021	22200404	110421AP	727.75
				727.75 10002121 520012 Contract Labor					
								CHECK 138458 TOTAL:	3,397.38
138459	11/04/2021	PRTD	5566	ACRO SERVICE CORPORATION	1481711	10/17/2021	22200399	110421AP	1,273.00
				1,273.00 10005185 520037 Professional Services General					
				ACRO SERVICE CORPORATION	1491662	10/24/2021	22200399	110421AP	1,273.00
				1,273.00 10005185 520037 Professional Services General					
								CHECK 138459 TOTAL:	2,546.00
138460	11/04/2021	PRTD	6780	ADVANCED WORKPLACE STRATEGIES, IN	496258	10/31/2021	22200152	110421AP	378.00
				378.00 10001115 520029 Pre-Employment Testing					
								CHECK 138460 TOTAL:	378.00
138461	11/04/2021	PRTD	1517	ALBERT HOLLER & ASSOCIATES	10302021	10/30/2021	22200411	110421AP	5,000.00
				5,000.00 10001110 520037 Professional Services General					
								CHECK 138461 TOTAL:	5,000.00
138462	11/04/2021	PRTD	5141	ANDREWS REFRIGERATION	0126471	09/16/2021	22200231	110421AP	204.00
				204.00 40013224 520543 WW R&M					
								CHECK 138462 TOTAL:	204.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138463	11/04/2021	PRTD	1960	ARIZONA MACHINERY, LLC	P57441	10/21/2021	22200190	110421AP	86.02
				86.02 38103202 521508 Automotive Expenses					
						CHECK	138463 TOTAL:		86.02
138464	11/04/2021	PRTD	6750	ARIZONA PUMP RESOURCES LLC	IN21-186	10/26/2021	22200745	110421AP	46,555.00
				46,555.00 40013225 541070 Other Equipment >$5,000					
						CHECK	138464 TOTAL:		46,555.00
138465	11/04/2021	PRTD	1142	ASCENT AVIATION GROUP INC	790527	10/18/2021	22200540	110421AP	31,233.39
				31,233.39 40103200 522505 Airport Fuel for Resale					
						CHECK	138465 TOTAL:		31,233.39
138466	11/04/2021	PRTD	6665	ASPIN/MOHAVE	22A05737	10/20/2021	22200031	110421AP	2,436.94
				2,436.94 35754150 521502 Program Supplies/Equipment					
						CHECK	138466 TOTAL:		2,436.94
138467	11/04/2021	PRTD	1043	ASSI SECURITY OF ARIZONA	52319	10/27/2021	22200603	110421AP	522.00
				522.00 10001189 520018 General Contractual Services					
				ASSI SECURITY OF ARIZONA	52318	10/27/2021	22200608	110421AP	7,386.08
				7,386.08 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
				ASSI SECURITY OF ARIZONA	52317	10/27/2021	22200354	110421AP	2,272.35
				2,272.35 40003210 541070 Other Equipment >$5,000					
				ASSI SECURITY OF ARIZONA	52316	10/27/2021	22200453	110421AP	4,640.54
				4,640.54 10001189 549999 Completed Capital					
						CHECK	138467 TOTAL:		14,820.97
138468	11/04/2021	PRTD	6796	ASSURED DOCUMENT DESTRUCTION, INC	370916	10/18/2021	22200505	110421AP	150.00
				150.00 10002121 520037 Professional Services General					
						CHECK	138468 TOTAL:		150.00
138469	11/04/2021	PRTD	1162	ARIZONA DEPARTMENT WATER RESOURCE	Dewatering Permit	11/01/2021		110421AP	1,000.00
				1,000.00 40003228 520036 Permit Fees					
						CHECK	138469 TOTAL:		1,000.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138470	11/04/2021	PRTD	1193	BAKER & TAYLOR	2036217604	10/11/2021	22200156	110421AP	117.20
					117.20 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217605	10/11/2021	22200156	110421AP	63.40
					63.40 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217606	10/11/2021	22200156	110421AP	112.85
					112.85 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217607	10/11/2021	22200156	110421AP	24.58
					24.58 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217608	10/11/2021	22200156	110421AP	193.70
					193.70 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217609	10/11/2021	22200156	110421AP	214.77
					214.77 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217610	10/11/2021	22200156	110421AP	213.90
					213.90 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217611	10/11/2021	22200156	110421AP	49.64
					49.64 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217612	10/11/2021	22200156	110421AP	18.65
					18.65 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217613	10/11/2021	22200156	110421AP	16.94
					16.94 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036217614	10/11/2021	22200156	110421AP	99.08
					99.08 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254656	10/13/2021	22200156	110421AP	46.44
					46.44 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254657	10/13/2021	22200156	110421AP	46.68
					46.68 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254659	10/13/2021	22200156	110421AP	88.99
					88.99 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254658	10/13/2021	22200156	110421AP	73.02
					73.02 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254660	10/13/2021	22200156	110421AP	20.24
					20.24 10004151 521550 Library Materials				
				BAKER & TAYLOR	2036254661	10/13/2021	22200156	110421AP	50.41
					50.41 10004151 521550 Library Materials				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
			BAKER & TAYLOR		2036254662	10/13/2021	22200156	110421AP	253.20
				253.20 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225177	10/14/2021	22200156	110421AP	20.25
				20.25 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225178	10/14/2021	22200156	110421AP	29.68
				29.68 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225179	10/14/2021	22200156	110421AP	31.78
				31.78 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225180	10/14/2021	22200156	110421AP	25.44
				25.44 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225181	10/14/2021	22200156	110421AP	34.94
				34.94 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225182	10/14/2021	22200156	110421AP	17.47
				17.47 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225183	10/14/2021	22200156	110421AP	78.88
				78.88 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225184	10/14/2021	22200156	110421AP	258.96
				258.96 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225185	10/14/2021	22200156	110421AP	58.90
				58.90 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036225186	10/14/2021	22200156	110421AP	19.71
				19.71 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236754	10/15/2021	22200156	110421AP	56.68
				56.68 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236755	10/15/2021	22200156	110421AP	25.60
				25.60 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236756	10/15/2021	22200156	110421AP	128.89
				128.89 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236757	10/15/2021	22200156	110421AP	36.87
				36.87 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236758	10/15/2021	22200156	110421AP	41.02
				41.02 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036236759	10/15/2021	22200156	110421AP	687.29
				687.29 10004151 521550	Library Materials				
			BAKER & TAYLOR		2036180405	10/22/2021	22200156	110421AP	121.63

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				121.63 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036180406	10/22/2021	22200156	110421AP	536.51
				536.51 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036180407	10/22/2021	22200156	110421AP	279.32
				279.32 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036241863	10/25/2021	22200156	110421AP	27.58
				27.58 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036241864	10/25/2021	22200156	110421AP	25.44
				25.44 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036241865	10/25/2021	22200156	110421AP	39.44
				39.44 10004151 521550		Library Materials			
				BAKER & TAYLOR	6036241866	10/25/2021	22200156	110421AP	37.32
				37.32 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036241867	10/25/2021	22200156	110421AP	1,321.81
				1,321.81 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036238306	10/04/2021	22200156	110421AP	2,452.54
				2,452.54 10004151 521550		Library Materials			
				BAKER & TAYLOR	2036238307	10/04/2021	22200156	110421AP	1,548.75
				1,548.75 10004151 521550		Library Materials			
								CHECK 138470 TOTAL:	9,646.39
138471	11/04/2021	PRTD	1213	BINGHAM EQUIPMENT CO	P43210	10/27/2021	22200482	110421AP	215.00
				215.00 10003171 522155		Operational Supplies			
								CHECK 138471 TOTAL:	215.00
138472	11/04/2021	PRTD	6759	BOB ROSSI	2021/3	10/18/2021	22200731	110421AP	500.00
				500.00 10002121 526110		Conference and Seminars			
								CHECK 138472 TOTAL:	500.00
138473	11/04/2021	PRTD	1124	ARIZONA LANGUAGE SPECIALISTS	September 30, 2021	09/30/2021	22200028	110421AP	1,080.00
				1,080.00 10002120 520037		Professional Services General			
								CHECK 138473 TOTAL:	1,080.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138474	11/04/2021	PRTD	6624	FRESH AIRE	05-21757	09/28/2021	22200024	110421AP	40.50
				40.50 10004151 521501 Office Supplies					
				FRESH AIRE	05-21967	10/26/2021	22200077	110421AP	216.00
				216.00 10004160 521534 Program Supplies Gen Rec					
								CHECK 138474 TOTAL:	256.50
138475	11/04/2021	PRTD	1248	BUCKEYE VALLEY CHAMBER OF COMMERC	12	10/18/2021	22200125	110421AP	5,000.00
				5,000.00 10001187 520038 Contributions to Civic Orgs					
								CHECK 138475 TOTAL:	5,000.00
138476	11/04/2021	PRTD	1257	BUSTAMANTE & KUFFNER PC	September 30, 2021	09/30/2021	22200137	110421AP	13,000.00
				13,000.00 10001108 520021 City Prosecuter					
								CHECK 138476 TOTAL:	13,000.00
138477	11/04/2021	PRTD	6194	CABALLEROS LANDSCAPE INC	5-31-142	10/20/2021	22200662	110421AP	7,265.00
				7,265.00 10003172 520035 Landscaping Service					
				CABALLEROS LANDSCAPE INC	5-31-145	10/20/2021	22200706	110421AP	4,720.00
				4,720.00 10003172 520046 ADA Compliance					
				CABALLEROS LANDSCAPE INC	5-31-140	10/20/2021	22200660	110421AP	1,320.00
				1,320.00 10003172 520035 Landscaping Service					
								CHECK 138477 TOTAL:	13,305.00
138478	11/04/2021	PRTD	1279	CANON SOLUTIONS AMERICA, INC	67323	10/31/2021	22200192	110421AP	198.09
				198.09 10005185 520525 Hardware Maintenance					
								CHECK 138478 TOTAL:	198.09
138479	11/04/2021	PRTD	1288	CENTRAL ARIZONA PROJECT	76942	10/15/2021		110421AP	75,575.00
				75,575.00 40003228 526024 Purchased Water					
								CHECK 138479 TOTAL:	75,575.00
138480	11/04/2021	PRTD	1299	CINTAS CORPORATION NO.2 - LOC D53	0D53631701	09/30/2021	22200543	110421AP	535.00
				535.00 40013224 522152 Safety Equipment					
				CINTAS CORPORATION NO.2 - LOC D53	0D53631941	09/30/2021	22200543	110421AP	97.59
				97.59 40013224 522152 Safety Equipment					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				CINTAS CORPORATION NO.2 - LOC D53 0D53632075		09/30/2021	22200546	110421AP	810.00
				810.00 40013223 520543	WW R&M				
						CHECK 138480 TOTAL:			1,442.59
138481	11/04/2021	PRTD	3021	CINTAS CORPORATION NO 3	4099416796	10/21/2021	22200359	110421AP	9.72
				9.72 40053205 521922	Uniforms				
				CINTAS CORPORATION NO 3	4099416948	10/21/2021	22200213	110421AP	85.77
				85.77 38103202 521922	Uniforms				
				CINTAS CORPORATION NO 3	4100110933	10/28/2021	22200213	110421AP	85.77
				85.77 38103202 521922	Uniforms				
				CINTAS CORPORATION NO 3	4100110892	10/28/2021	22200359	110421AP	9.72
				9.72 40053205 521922	Uniforms				
				CINTAS CORPORATION NO 3	4100110953	10/28/2021	22200171	110421AP	78.32
				78.32 10003171 521922	Uniforms				
				CINTAS CORPORATION NO 3	4099416899	10/21/2021	22200171	110421AP	78.32
				78.32 10003171 521922	Uniforms				
						CHECK 138481 TOTAL:			347.62
138482	11/04/2021	PRTD	1355	DAVE BANG ASSOCIATES, INC.	AZ66611	10/19/2021	22200389	110421AP	798.30
				798.30 10004155 521523	Equipment <$5,000				
						CHECK 138482 TOTAL:			798.30
138483	11/04/2021	PRTD	6696	DBT TRANSPORTATION SERVICES LLC	2547173	09/13/2021	22200605	110421AP	1,500.00
				1,500.00 40103200 520037	Professional Services General				
						CHECK 138483 TOTAL:			1,500.00
138484	11/04/2021	PRTD	6721	DCS MANAGMENT, LLC	70116	08/31/2021	22200720	110421AP	495.00
				495.00 40013223 520037	Professional Services General				
						CHECK 138484 TOTAL:			495.00
138485	11/04/2021	PRTD	5295	DELL MARKETING L.P.	10530112778	10/31/2021	22200408	110421AP	2,402.29
				2,402.29 10002120 521521	IT Equipment <$5000				
				DELL MARKETING L.P.	10530113051	10/31/2021	22200626	110421AP	1,002.42
				501.21 40003210 521521	IT Equipment <$5000				
				501.21 40013220 521521	IT Equipment <$5000				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				DELL MARKETING L.P.	10529529485	10/29/2021	22200380	110421AP	1,201.15
				1,201.15 10004160 521521 IT Equipment <$5000					
				DELL MARKETING L.P.	10530789379	11/02/2021	22200626	110421AP	1,738.55
				869.29 40003210 521521 IT Equipment <$5000					
				869.26 40013220 521521 IT Equipment <$5000					
							CHECK 138485 TOTAL:		6,344.41
138486	11/04/2021	PRTD	5337	DESERT CHOICE TRANSPORT, LLC	6351	10/15/2021	22200122	110421AP	550.00
				550.00 10004153 520015 Contractual Svc BASE					
							CHECK 138486 TOTAL:		550.00
138487	11/04/2021	PRTD	5587	DYKMAN ELECTRICAL INC	0581977-IN	10/18/2021	22200572	110421AP	4,265.80
				4,265.80 40013221 520540 Wastewater Plant R & M					
							CHECK 138487 TOTAL:		4,265.80
138488	11/04/2021	PRTD	1388	E-Z TOWING & RECOVERY LLC	#21-1021-2319	10/22/2021	22200321	110421AP	353.00
				353.00 10002121 520033 Vehicle Towing					
				E-Z TOWING & RECOVERY LLC	21-1023-2377	10/25/2021	22200321	110421AP	151.25
				151.25 10002121 520033 Vehicle Towing					
				E-Z TOWING & RECOVERY LLC	21-1023-2378	10/25/2021	22200321	110421AP	187.25
				187.25 10002121 520033 Vehicle Towing					
							CHECK 138488 TOTAL:		691.50
138489	11/04/2021	PRTD	3032	ECD SYSTEMS LLC	19420	09/10/2021	22200173	110421AP	28.68
				28.68 10003176 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19421	09/10/2021	22200173	110421AP	28.68
				28.68 10003176 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19422	09/10/2021	22200173	110421AP	28.68
				28.68 10003176 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19429	09/10/2021	22200178	110421AP	28.68
				28.68 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19428	09/10/2021	22200178	110421AP	50.74
				50.74 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19427	09/10/2021	22200178	110421AP	48.53
				48.53 10003172 526121 On-line Subscriptions					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				ECD SYSTEMS LLC	19426	09/10/2021	22200178	110421AP	48.53
				48.53 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19425	09/10/2021	22200178	110421AP	48.53
				48.53 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19424	09/10/2021	22200178	110421AP	48.53
				48.53 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19423	09/10/2021	22200178	110421AP	48.53
				48.53 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19418	09/10/2021	22200178	110421AP	28.68
				28.68 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	19419	09/10/2021	22200178	110421AP	28.68
				28.68 10003172 526121 On-line Subscriptions					
				ECD SYSTEMS LLC	18678	08/11/2021	22200173	110421AP	170.00
				170.00 10003176 526121 On-line Subscriptions					
								CHECK 138489 TOTAL:	635.47
138490	11/04/2021	PRTD	1426	FACTORY MOTOR PARTS CO	10-1452681	10/13/2021	22200368	110421AP	699.98
				699.98 10003171 522155 Operational Supplies					
				FACTORY MOTOR PARTS CO	86-469513	10/13/2021	22200368	110421AP	249.98
				249.98 40003210 521508 Automotive Expenses					
								CHECK 138490 TOTAL:	949.96
138491	11/04/2021	PRTD	5011	ELM USA INC	44350	10/14/2021	22200020	110421AP	25.00
				25.00 10004151 521501 Office Supplies					
								CHECK 138491 TOTAL:	25.00
138492	11/04/2021	PRTD	1414	EWING IRRIGATION PRODUCTS INC	15480141	10/22/2021	22200057	110421AP	41.60
				41.60 10004155 520586 Irrigation Systems Parts/Mater					
								CHECK 138492 TOTAL:	41.60
138493	11/04/2021	PRTD	1431	FELIX CONSTRUCTION COMPANY	1934.04.04	11/01/2021	22101282	110421AP	12,100.00
				12,100.00 40011113 543131 Sundance WRF Centrifuge					
								CHECK 138493 TOTAL:	12,100.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138494	11/04/2021	PRTD	1440	FLEETPRIDE, INC	83662226	10/09/2021	22200301	110421AP	11.39
				11.39 10003171 522155 Operational Supplies					
				FLEETPRIDE, INC	84471682	10/21/2021	22200301	110421AP	128.19
				128.19 10003171 522155 Operational Supplies					
				FLEETPRIDE, INC	84887495	10/27/2021	22200301	110421AP	108.89
				108.89 10003171 522155 Operational Supplies					
				FLEETPRIDE, INC	84888927	10/27/2021	22200301	110421AP	18.57
				18.57 10003171 522155 Operational Supplies					
						CHECK	138494 TOTAL:		267.04
138495	11/04/2021	PRTD	3037	FORESITE DESIGN & CONSTRUCTION IN 2		10/28/2021	22200696	110421AP	371,260.91
				371,260.91 50212121 543143 Police Training Center					
						CHECK	138495 TOTAL:		371,260.91
138496	11/04/2021	PRTD	5719	FREIGHTLINER OF ARIZONA, LLC	XA310464675:01	10/19/2021	22200300	110421AP	106.61
				106.61 38103202 521508 Automotive Expenses					
				FREIGHTLINER OF ARIZONA, LLC	XA310463112:01	10/15/2021	22200300	110421AP	73.97
				73.97 38103202 521508 Automotive Expenses					
				FREIGHTLINER OF ARIZONA, LLC	XA310435551:02	10/27/2021	22200300	110421AP	20.66
				20.66 10003171 522155 Operational Supplies					
						CHECK	138496 TOTAL:		201.24
138497	11/04/2021	PRTD	5419	FX TACTICAL	I1-10019782	10/21/2021	22200258	110421AP	66.02
				66.02 10002121 521922 Uniforms					
				FX TACTICAL	I1-10019781	10/21/2021	22200080	110421AP	2,000.00
				1,000.00 10002121 521509 Public Safety Equipment					
				1,000.00 35732121 523106 DOJ COPS BVP Grant					
				FX TACTICAL	I1-10019783	10/21/2021	22200080	110421AP	1,000.00
				500.00 10002121 521509 Public Safety Equipment					
				500.00 35732121 523106 DOJ COPS BVP Grant					
						CHECK	138497 TOTAL:		3,066.02
138498	11/04/2021	PRTD	6551	G4S SECURE SOLUTIONS USA INC	12033006	09/26/2021	22200217	110421AP	1,023.44
				1,023.44 10002121 520022 Security Services					
				G4S SECURE SOLUTIONS USA INC	12063115	10/03/2021	22200217	110421AP	1,023.44

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				1,023.44 10002121 520022		Security Services			
				G4S SECURE SOLUTIONS USA INC	12033014	09/26/2021	22200217	110421AP	837.36
				837.36 10002121 520022		Security Services			
				G4S SECURE SOLUTIONS USA INC	12063132	10/03/2021	22200217	110421AP	860.62
				860.62 10002121 520022		Security Services			
								CHECK 138498 TOTAL:	3,744.86
138499	11/04/2021	PRTD	1486	GRAYBAR	9323976719	10/22/2021	22200688	110421AP	4,212.87
				4,212.87 40003210 543028		Jackie A Meck Wtr Campus/BRWC			
								CHECK 138499 TOTAL:	4,212.87
138500	11/04/2021	PRTD	1489	GUST ROSENFELD P.L.C.	379506	10/21/2021		110421AP	5,436.22
				5,436.22 50213170 543072		Apache & Southern TS			
								CHECK 138500 TOTAL:	5,436.22
138501	11/04/2021	PRTD	1491	USA BLUE BOOK	762147	10/18/2021	22200223	110421AP	21.25
				21.25 40013221 521503		Lab Supplies			
								CHECK 138501 TOTAL:	21.25
138502	11/04/2021	PRTD	1513	HILL BROTHERS CHEMICAL COMPANY	07110715	10/12/2021	22200364	110421AP	2,606.40
				2,606.40 40013221 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07111202	10/20/2021	22200133	110421AP	195.48
				195.48 40003214 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07111200	10/20/2021	22200133	110421AP	260.64
				260.64 40003216 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07111203	10/20/2021	22200133	110421AP	228.06
				228.06 40003215 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07111201	10/20/2021	22200133	110421AP	651.60
				651.60 40003213 521540		Chemicals			
								CHECK 138502 TOTAL:	3,942.18
138503	11/04/2021	PRTD	1551	INTERIOR SOLUTIONS OF AZ, LLC	118851-1-MB	10/31/2021	22200541	110421AP	5,369.45
				5,369.45 10002121 522155		Operational Supplies			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138503 TOTAL:	5,369.45
138504	11/04/2021	PRTD	6920	INTERSTATE MECHANICAL CORP	2321370	10/26/2021	22200621	110421AP	9,313.00
					9,313.00 10003172 541070	Other Equipment >$5,000			
								CHECK 138504 TOTAL:	9,313.00
138505	11/04/2021	PRTD	5495	ITRON, INC	603988	10/12/2021	22200590	110421AP	69,879.20
					69,879.20 40003351 521515	Water Meter Telemetry			
								CHECK 138505 TOTAL:	69,879.20
138506	11/04/2021	PRTD	1662	JENI MCCUTCHEON,PSY.D.,P.L.L.C.	2022	10/29/2021	22200047	110421AP	1,600.00
					1,600.00 10002121 520029	Pre-Employment Testing			
								CHECK 138506 TOTAL:	1,600.00
138507	11/04/2021	PRTD	6772	JUSTIFACTS CREDENTIAL VERIFICATIO	339994	10/31/2021	22200151	110421AP	1,908.52
					1,908.52 10001115 520029	Pre-Employment Testing			
								CHECK 138507 TOTAL:	1,908.52
138508	11/04/2021	PRTD	5952	KIEWIT/HAYDON, A JOINT VENTURE	210929003	09/24/2021	22101368	110421AP	323,860.79
					323,860.79 40003210 543028	Jackie A Meck Wtr Campus/BRWC			
				KIEWIT/HAYDON, A JOINT VENTURE	2109280014	09/24/2021	22100527	110421AP	1,299,765.17
					1,299,765.17 40003210 543028	Jackie A Meck Wtr Campus/BRWC			
				KIEWIT/HAYDON, A JOINT VENTURE	2108150026	09/24/2021	21900960	110421AP	24,129.25
					24,129.25 40003210 543028	Jackie A Meck Wtr Campus/BRWC			
				KIEWIT/HAYDON, A JOINT VENTURE	2109CR0025C	10/14/2021	22100527	110421AP	204,866.00
					204,866.00 40003210 543028	Jackie A Meck Wtr Campus/BRWC			
								CHECK 138508 TOTAL:	1,852,621.21
138509	11/04/2021	PRTD	6190	LEGEND TECHNICAL SERVICES, INC.	2111444	07/31/2021	22200730	110421AP	3,127.00
					3,127.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2111446	07/31/2021	22200730	110421AP	2,090.00
					2,090.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2111447	07/31/2021	22200730	110421AP	2,269.00
					2,269.00 40013227 520049	Laboratory Fees			
				LEGEND TECHNICAL SERVICES, INC.	2111451	07/31/2021	22200730	110421AP	1,569.00

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				1,569.00 40013227 520049		Laboratory Fees			
						CHECK	138509 TOTAL:		9,055.00
138510	11/04/2021	PRTD	6713	LIBRARY IDEAS, LLC	85009	10/01/2021	22200600	110421AP	2,636.90
				2,636.90 10004151 521550		Library Materials			
				LIBRARY IDEAS, LLC	85010	10/01/2021	22200600	110421AP	647.10
				647.10 10004151 521550		Library Materials			
						CHECK	138510 TOTAL:		3,284.00
138511	11/04/2021	PRTD	5342	M & M PORTABLE TOILETS LLC	I8434	10/20/2021	22200100	110421AP	218.60
				218.60 40003218 520037		Professional Services General			
						CHECK	138511 TOTAL:		218.60
138512	11/04/2021	PRTD	1649	MARICOPA COUNTY ENVIRONMENTAL SER	PERMIT 07732	11/01/2021		110421AP	2,420.00
				2,420.00 40003228 520036		Permit Fees			
				MARICOPA COUNTY ENVIRONMENTAL SER	PERMIT 07114	11/01/2021		110421AP	1,070.00
				1,070.00 40003228 520036		Permit Fees			
				MARICOPA COUNTY ENVIRONMENTAL SER	PERMIT 07129	11/01/2021		110421AP	800.00
				800.00 40003228 520036		Permit Fees			
						CHECK	138512 TOTAL:		4,290.00
138513	11/04/2021	PRTD	1652	MARICOPA COUNTY SHERIFF'S OFFICE	SEPT21HSNG	10/01/2021	22200121	110421AP	22,464.06
				22,464.06 10002121 520008		Prisoner/Incarceration (MCSO)			
						CHECK	138513 TOTAL:		22,464.06
138514	11/04/2021	PRTD	6791	MGC CONTRACTORS, INC	5	10/31/2021	22200275	110421AP	321,791.58
				321,791.58 40001113 543042		Waterline at Airport			
						CHECK	138514 TOTAL:		321,791.58
138515	11/04/2021	PRTD	5113	MICHAEL BAKER INTERNATIONAL, INC.	1030185	10/21/2021	22200159	110421AP	46,153.50
				46,153.50 10005185 520006		Engineering Services			
						CHECK	138515 TOTAL:		46,153.50

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138516	11/04/2021	PRTD	5741	MICHAEL WILSON KELLY-ARCHITECTS L	2021.09.01	11/01/2021	22200576	110421AP	17,050.00
					17,050.00 50213170 543148	Household Hazardous Waste Stat			
						CHECK	138516 TOTAL:		17,050.00
138517	11/04/2021	PRTD	6918	MIDWEST TAPE, LLC	501122626	10/13/2021	22200396	110421AP	975.65
					975.65 10004151 521550	Library Materials			
						CHECK	138517 TOTAL:		975.65
138518	11/04/2021	PRTD	6918	MIDWEST TAPE, LLC	501052289	09/28/2021	22200396	110421AP	299.25
					299.25 10004151 521550	Library Materials			
				MIDWEST TAPE, LLC	501078423	10/05/2021	22200396	110421AP	1,598.64
					1,598.64 10004151 521550	Library Materials			
				MIDWEST TAPE, LLC	501142845	10/18/2021	22200396	110421AP	1,152.77
					1,152.77 10004151 521550	Library Materials			
				MIDWEST TAPE, LLC	501154587	10/20/2021	22200396	110421AP	122.80
					122.80 10004151 521550	Library Materials			
				MIDWEST TAPE, LLC	501183212	10/26/2021	22200396	110421AP	1,029.84
					1,029.84 10004151 521550	Library Materials			
						CHECK	138518 TOTAL:		4,203.30
138519	11/04/2021	PRTD	1684	MOTOROLA SOLUTIONS, INC	8230345036	10/26/2021	22200551	110421AP	750.00
					750.00 35732121 523120	RICO			
				MOTOROLA SOLUTIONS, INC	8281261496	10/06/2021	22200551	110421AP	84,667.56
					84,667.56 35732121 523120	RICO			
				MOTOROLA SOLUTIONS, INC	8281263419	10/09/2021	22200551	110421AP	2,672.38
					2,672.38 35732121 523120	RICO			
						CHECK	138519 TOTAL:		88,089.94
138520	11/04/2021	PRTD	1685	MOUNTAIN STATES SPECIALTIES	7325	10/28/2021	22200698	110421AP	3,530.00
					3,530.00 10004151 521715	Signs & Markings			
						CHECK	138520 TOTAL:		3,530.00
138521	11/04/2021	PRTD	1689	MYERS TIRE SUPPLY DISTRIBUTION	13539966	10/22/2021	22200186	110421AP	151.05
					151.05 10003171 522155	Operational Supplies			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138521 TOTAL:	151.05
138522	11/04/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01H6700441315	09/02/2021	22200413	110421AP	441.56
				441.56 10002121 522155 Operational Supplies					
				NESTLE WATERS NORTH AMERICA	01I6700441315	09/30/2021	22200413	110421AP	424.28
				424.28 10002121 522155 Operational Supplies					
				NESTLE WATERS NORTH AMERICA	01J6701000489	11/02/2021	22200142	110421AP	50.90
				50.90 10001115 521501 Office Supplies					
								CHECK 138522 TOTAL:	916.74
138523	11/04/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01I6700442463	10/02/2021	22200227	110421AP	105.01
				52.50 40003210 521501 Office Supplies					
				52.51 40013220 521501 Office Supplies					
								CHECK 138523 TOTAL:	105.01
138524	11/04/2021	PRTD	1736	O'REILLY AUTO PARTS	09302021	09/28/2021	22200285	110421AP	840.50
				353.65 10003171 522155 Operational Supplies					
				444.96 38103202 521508 Automotive Expenses					
				41.89 40003210 521508 Automotive Expenses					
								CHECK 138524 TOTAL:	840.50
138525	11/04/2021	PRTD	999996	PALO VERDE OUTDOOR ENVIRONMENTS	BLDR-21-3235	10/20/2021		110421AP	190.00
				190.00 10005180 431600 Vertical Construction					
								CHECK 138525 TOTAL:	190.00
138526	11/04/2021	PRTD	6947	PATRON POINT, INC.	1323	10/14/2021	22200721	110421AP	8,500.00
				8,500.00 10004151 526121 On-line Subscriptions					
								CHECK 138526 TOTAL:	8,500.00
138527	11/04/2021	PRTD	3024	PBC PHOENIX INC	519697	07/31/2021	22200702	110421AP	257.12
				257.12 40103200 520019 Custodial Contract (PW)					
				PBC PHOENIX INC	522952	08/31/2021	22200702	110421AP	289.26
				289.26 40103200 520019 Custodial Contract (PW)					
								CHECK 138527 TOTAL:	546.38

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138528	11/04/2021	PRTD	6585	PCL CONSTRUCTION, INC	1	10/31/2021	22200485	110421AP	310,104.45
				310,104.45 40011113 543116	Central WRF Upgrades				
				PCL CONSTRUCTION, INC	2019012.04 pay app2	10/31/2021	22101279	110421AP	247,911.71
				247,911.71 40011113 543144	Tartesso WRF Improvements				
							CHECK	138528 TOTAL:	558,016.16
138529	11/04/2021	PRTD	1770	PIONEER TITLE AGENCY INC	504-40-802	10/19/2021		110421AP	400.00
				400.00 10005185 520006	Engineering Services				
							CHECK	138529 TOTAL:	400.00
138530	11/04/2021	PRTD	6926	PIPING ALLOYS USA INC	I354573	10/19/2021	22200451	110421AP	472.38
				472.38 40013231 521512	Parts/Materials				
							CHECK	138530 TOTAL:	472.38
138531	11/04/2021	PRTD	1786	POWER DMS, INC	INV-12256	10/23/2021	22200348	110421AP	7,666.56
				3,833.28 40003210 520030	Software Maintenance				
				3,833.28 40013220 520030	Software Maintenance				
				POWER DMS, INC	INV-11330	09/27/2021	22200624	110421AP	8,741.05
				8,741.05 10002121 520030	Software Maintenance				
							CHECK	138531 TOTAL:	16,407.61
138532	11/04/2021	PRTD	6924	PRO BOX PORTABLE STORAGE	207899	09/21/2021	22200458	110421AP	170.17
				170.17 10001189 521505	Equipment Rental				
							CHECK	138532 TOTAL:	170.17
138533	11/04/2021	PRTD	6903	RELX INC.	3093533245	10/31/2021	22200015	110421AP	103.84
				103.84 10002120 526121	On-line Subscriptions				
							CHECK	138533 TOTAL:	103.84
138534	11/04/2021	PRTD	1988	TARGET SPECIALTY PRODUCTS	INVP500623079	10/14/2021	22200678	110421AP	3,345.97
				3,345.97 10004155 521540	Chemicals				
				TARGET SPECIALTY PRODUCTS	INVP500623629	10/15/2021	22200678	110421AP	541.04
				541.04 10004155 521540	Chemicals				
				TARGET SPECIALTY PRODUCTS	INVP500624038	10/15/2021	22200678	110421AP	970.04
				970.04 10004155 521540	Chemicals				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138534 TOTAL:	4,857.05
138535	11/04/2021	PRTD	6718	RICHMIRE REFRIGERATION A/C & HEAT	i210826661	08/26/2021	22200202	110421AP	565.00
					565.00 10003172 520512 Building Repairs				
								CHECK 138535 TOTAL:	565.00
138536	11/04/2021	PRTD	5194	RICOH USA, INC.	9029113936	10/26/2021	22200759	110421AP	15,982.73
					15,982.73 10001189 520020 Mail Service Center				
				RICOH USA, INC.	EDD21100308	10/29/2021	22200550	110421AP	2,640.00
					2,640.00 10001189 520030 Software Maintenance				
				RICOH USA, INC.	EDD21090248	09/29/2021	22200550	110421AP	2,640.00
					2,640.00 10001189 520030 Software Maintenance				
								CHECK 138536 TOTAL:	21,262.73
138537	11/04/2021	PRTD	1847	RODEO FORD INC	158013	10/27/2021	22200343	110421AP	92.57
					92.57 10003171 522155 Operational Supplies				
				RODEO FORD INC	157886	10/25/2021	22200343	110421AP	220.17
					220.17 40003210 521508 Automotive Expenses				
				RODEO FORD INC	157749	10/21/2021	22200343	110421AP	165.96
					165.96 10003171 522155 Operational Supplies				
				RODEO FORD INC	157678	10/20/2021	22200343	110421AP	52.28
					52.28 38103202 521508 Automotive Expenses				
				RODEO FORD INC	153579	07/27/2021	22200343	110421AP	397.94
					397.94 10003171 522155 Operational Supplies				
				RODEO FORD INC	157724	10/21/2021	22200343	110421AP	104.69
					104.69 10003171 522155 Operational Supplies				
				RODEO FORD INC	158025	10/27/2021	22200343	110421AP	279.69
					156.65 10003171 522155 Operational Supplies 123.04 38103202 521508 Automotive Expenses				
				RODEO FORD INC	157469	10/14/2021	22200343	110421AP	245.66
					245.66 10003171 522155 Operational Supplies				
				RODEO FORD INC	157332	10/12/2021	22200343	110421AP	39.73
					39.73 40003210 521508 Automotive Expenses				
				RODEO FORD INC	488507	09/25/2021	22200343	110421AP	1,277.21
					1,277.21 40013220 521508 Automotive Expenses				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138537 TOTAL:	2,875.90
138538	11/04/2021	PRTD	5310	SANDS CHEVROLET, LLC	137120	10/08/2021	22200282	110421AP	183.09
				183.09 10003171 522155 Operational Supplies					
				SANDS CHEVROLET, LLC	137608	10/22/2021	22200282	110421AP	64.38
				64.38 10003171 522155 Operational Supplies					
				SANDS CHEVROLET, LLC	137301	10/13/2021	22200282	110421AP	293.60
				293.60 10003171 522155 Operational Supplies					
				SANDS CHEVROLET, LLC	580747	10/15/2021	22200282	110421AP	239.95
				239.95 10003171 520505 Vehicle & Equipment Repair					
								CHECK 138538 TOTAL:	781.02
138539	11/04/2021	PRTD	5401	LOCKBOX SCOTTS AZ ELECTRIC MOTOR	123366	10/27/2021	22200374	110421AP	8,619.20
				8,619.20 40013222 520543 WW R&M					
								CHECK 138539 TOTAL:	8,619.20
138540	11/04/2021	PRTD	1858	SHI INTERNATIONAL CORP	B14297110	11/01/2021	22200754	110421AP	16,793.27
				16,793.27 10001189 520030 Software Maintenance					
								CHECK 138540 TOTAL:	16,793.27
138541	11/04/2021	PRTD	1944	STANDARD PRINTING COMPANY INC	264366	10/11/2021	22200350	110421AP	1,934.42
				599.67 40003230 520037 Professional Services General					
				599.67 40013230 520037 Professional Services General					
				735.08 40053230 520037 Professional Services General					
				STANDARD PRINTING COMPANY INC	264329	10/05/2021	22200350	110421AP	36.65
				11.36 40003230 520037 Professional Services General					
				11.36 40013230 520037 Professional Services General					
				13.93 40053230 520037 Professional Services General					
								CHECK 138541 TOTAL:	1,971.07
138542	11/04/2021	PRTD	1661	STEVEN MCCLURE	October 2021	10/22/2021	22200027	110421AP	2,000.00
				2,000.00 10002120 520016 Public Defender					
								CHECK 138542 TOTAL:	2,000.00

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138543	11/04/2021	PRTD	1976	SUTPHEN CORPORATION	40052021	10/15/2021	22200533	110421AP	520.23
				520.23 10003171 522155 Operational Supplies					
								CHECK 138543 TOTAL:	520.23
138544	11/04/2021	PRTD	6586	TEK FITNESS DISTRIBUTORS	17198	10/27/2021	22200058	110421AP	109.00
				109.00 35754150 520018 General Contractual Services					
								CHECK 138544 TOTAL:	109.00
138545	11/04/2021	PRTD	6505	THE CONCENTRIUM LLC	210901	11/02/2021	22200544	110421AP	2,138.37
				2,138.37 10004150 523026 Marketing/Publicity Exp					
								CHECK 138545 TOTAL:	2,138.37
138546	11/04/2021	PRTD	5605	NAPA AUTO PARTS	09302021	09/30/2021	22200302	110421AP	4,226.44
				3,300.34 10003171 522155 Operational Supplies					
				523.07 38103202 521508 Automotive Expenses					
				363.84 40003210 521508 Automotive Expenses					
				39.19 40013220 521508 Automotive Expenses					
								CHECK 138546 TOTAL:	4,226.44
138547	11/04/2021	PRTD	5660	VERTECH INDUSTRIAL SYSTEMS, LLC	P210282.00 - 11124	10/15/2021	22200606	110421AP	66,793.14
				66,793.14 40003210 521526 SCADA					
				VERTECH INDUSTRIAL SYSTEMS, LLC	P210205.00-11106	10/14/2021	22200314	110421AP	31,206.16
				31,206.16 40003210 521526 SCADA					
				VERTECH INDUSTRIAL SYSTEMS, LLC	P210010.00-10992	09/17/2021	22200400	110421AP	76,334.56
				76,334.56 40003210 521526 SCADA					
								CHECK 138547 TOTAL:	174,333.86
138548	11/04/2021	PRTD	2071	W.W. GRAINGER, INC	9026930876	08/19/2021	22200230	110421AP	24.36
				24.36 40003231 521512 Parts/Materials					
				W.W. GRAINGER, INC	9090686461	10/19/2021	22200091	110421AP	64.48
				64.48 40003212 520577 Reservoir/Booster Maint/Repair					
				W.W. GRAINGER, INC	9091142233	10/19/2021	22200091	110421AP	21.86
				21.86 40003213 520577 Reservoir/Booster Maint/Repair					
				W.W. GRAINGER, INC	9091142225	10/19/2021	22200091	110421AP	109.91
				109.91 40003213 520577 Reservoir/Booster Maint/Repair					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
							CHECK	138548 TOTAL:	220.61
138549	11/04/2021	PRTD	5041	WESTERN TECHNOLOGIES INC	21810443	10/19/2021	22200561	110421AP	2,500.00
					2,500.00 50213170 543137	Miller Rd Exp-Durango-LBuckeye			
				WESTERN TECHNOLOGIES INC	21810445	10/19/2021	22200577	110421AP	2,500.00
					2,500.00 50213170 543137	Miller Rd Exp-Durango-LBuckeye			
							CHECK	138549 TOTAL:	5,000.00
138550	11/04/2021	PRTD	6012	WOOD ENVIRONMENT & INFRASTRUCTURE	S53506523	10/26/2021	22200521	110421AP	3,277.50
					3,277.50 40011113 543131	Sundance WRF Centrifuge			
							CHECK	138550 TOTAL:	3,277.50
					NUMBER OF CHECKS 94		*** CASH ACCOUNT TOTAL ***		3,947,335.48

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	94	3,947,335.48

*** GRAND TOTAL *** 3,947,335.48

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2022 5 121									
APP 1000-201000					Accounts Payable			243,919.85	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 9999-104000					Cash in Bank - Checking				3,947,335.48
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 4000-201000					Accounts Payable			2,522,254.50	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 4001-201000					Accounts Payable			654,648.41	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 3810-201000					Accounts Payable			1,581.49	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 4010-201000					Accounts Payable			33,279.77	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 3575-201000					Accounts Payable			2,545.94	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 4005-201000					Accounts Payable			768.45	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 5021-201000					Accounts Payable			398,747.13	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
APP 3573-201000					Accounts Payable			89,589.94	
11/04/2021	110421AP	AP1104			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			3,947,335.48	3,947,335.48
APP 9999-201010					DT DF			3,947,335.48	
11/04/2021	110421AP	AP1104							
APP 1000-101010					Pooled Cash Equity				243,919.85
11/04/2021	110421AP	AP1104							
APP 4000-101010					Pooled Cash Equity				2,522,254.50
11/04/2021	110421AP	AP1104							
APP 4001-101010					Pooled Cash Equity				654,648.41
11/04/2021	110421AP	AP1104							
APP 3810-101010					Pooled Cash Equity				1,581.49
11/04/2021	110421AP	AP1104							
APP 4010-101010					Pooled Cash Equity				33,279.77
11/04/2021	110421AP	AP1104							
APP 3575-101010					Pooled Cash Equity				2,545.94
11/04/2021	110421AP	AP1104							
APP 4005-101010					Pooled Cash Equity				768.45
11/04/2021	110421AP	AP1104							
APP 5021-101010					Pooled Cash Equity				398,747.13
11/04/2021	110421AP	AP1104							
APP 3573-101010					Pooled Cash Equity				89,589.94
11/04/2021	110421AP	AP1104							
					SYSTEM GENERATED ENTRIES TOTAL			3,947,335.48	3,947,335.48

JOURNAL ENTRIES TO BE CREATED

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T	OB	DEBIT	CREDIT
JOURNAL 2022/05/121						TOTAL		7,894,670.96	7,894,670.96

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	5	121	11/04/2021			
1000-101010				Pooled Cash Equity			243,919.85
1000-201000				Accounts Payable		243,919.85	
					FUND TOTAL	243,919.85	243,919.85
3573 Police Department Grants	2022	5	121	11/04/2021			
3573-101010				Pooled Cash Equity			89,589.94
3573-201000				Accounts Payable		89,589.94	
					FUND TOTAL	89,589.94	89,589.94
3575 Area Agency on Aging	2022	5	121	11/04/2021			
3575-101010				Pooled Cash Equity			2,545.94
3575-201000				Accounts Payable		2,545.94	
					FUND TOTAL	2,545.94	2,545.94
3810 Highway User Revenue Fund	2022	5	121	11/04/2021			
3810-101010				Pooled Cash Equity			1,581.49
3810-201000				Accounts Payable		1,581.49	
					FUND TOTAL	1,581.49	1,581.49
4000 Water Utility Fund	2022	5	121	11/04/2021			
4000-101010				Pooled Cash Equity			2,522,254.50
4000-201000				Accounts Payable		2,522,254.50	
					FUND TOTAL	2,522,254.50	2,522,254.50
4001 Wastewater Fund	2022	5	121	11/04/2021			
4001-101010				Pooled Cash Equity			654,648.41
4001-201000				Accounts Payable		654,648.41	
					FUND TOTAL	654,648.41	654,648.41
4005 Environmental Services	2022	5	121	11/04/2021			
4005-101010				Pooled Cash Equity			768.45
4005-201000				Accounts Payable		768.45	
					FUND TOTAL	768.45	768.45
4010 Airport Fund	2022	5	121	11/04/2021			
4010-101010				Pooled Cash Equity			33,279.77
4010-201000				Accounts Payable		33,279.77	
					FUND TOTAL	33,279.77	33,279.77
5021 CIP General	2022	5	121	11/04/2021			

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
5021-101010				Pooled Cash Equity			398,747.13
5021-201000				Accounts Payable		398,747.13	
					FUND TOTAL	398,747.13	398,747.13
9999 Pooled Cash	2022	5	121	11/04/2021			
9999-104000				Cash in Bank - Checking			3,947,335.48
9999-201010				DT DF		3,947,335.48	
					FUND TOTAL	3,947,335.48	3,947,335.48

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
1000	General Fund		243,919.85
3573	Police Department Grants		89,589.94
3575	Area Agency on Aging		2,545.94
3810	Highway User Revenue Fund		1,581.49
4000	Water Utility Fund		2,522,254.50
4001	Wastewater Fund		654,648.41
4005	Environmental Services		768.45
4010	Airport Fund		33,279.77
5021	CIP General		398,747.13
9999	Pooled Cash	3,947,335.48	
	TOTAL	3,947,335.48	3,947,335.48

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138552	11/04/2021	PRTD	5952	KIEWIT/HAYDON, A JOINT VENTURE	210929003	09/24/2021	22101368	11421AP	323,860.79
				323,860.79 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
				KIEWIT/HAYDON, A JOINT VENTURE	2109280014	09/24/2021	22100527	11421AP	1,299,765.17
				1,299,765.17 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
				KIEWIT/HAYDON, A JOINT VENTURE	2108150026	09/24/2021	21900960	11421AP	24,129.25
				24,129.25 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
				KIEWIT/HAYDON, A JOINT VENTURE	2109CR0025C	10/14/2021	22100527	11421AP	204,866.00
				204,866.00 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
				KIEWIT/HAYDON, A JOINT VENTURE	2109240016	10/14/2021	22000501	11421AP	-32,707.30
				-32,707.30 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
								CHECK 138552 TOTAL:	1,819,913.91
								NUMBER OF CHECKS 1 *** CASH ACCOUNT TOTAL ***	1,819,913.91

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	1,819,913.91

*** GRAND TOTAL *** 1,819,913.91

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2022 5 141								
APP 4000-201000					Accounts Payable		1,819,913.91	
11/04/2021	11421AP	AP1142			AP CASH DISBURSEMENTS JOURNAL			
APP 9999-104000					Cash in Bank - Checking			1,819,913.91
11/04/2021	11421AP	AP1142			AP CASH DISBURSEMENTS JOURNAL			
					GENERAL LEDGER TOTAL		1,819,913.91	1,819,913.91
APP 9999-201010					DT DF		1,819,913.91	
11/04/2021	11421AP	AP1142						
APP 4000-101010					Pooled Cash Equity			1,819,913.91
11/04/2021	11421AP	AP1142						
					SYSTEM GENERATED ENTRIES TOTAL		1,819,913.91	1,819,913.91
					JOURNAL 2022/05/141 TOTAL		3,639,827.82	3,639,827.82

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
4000 Water Utility Fund	2022	5	141	11/04/2021			
4000-101010				Pooled Cash Equity			1,819,913.91
4000-201000				Accounts Payable		1,819,913.91	
					FUND TOTAL	1,819,913.91	1,819,913.91
9999 Pooled Cash	2022	5	141	11/04/2021			
9999-104000				Cash in Bank - Checking			1,819,913.91
9999-201010				DT DF		1,819,913.91	
					FUND TOTAL	1,819,913.91	1,819,913.91

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FR
4000 Water Utility Fund		1,819,913.91
9999 Pooled Cash	1,819,913.91	
TOTAL	1,819,913.91	1,819,913.91

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138631	11/10/2021	PRTD	5141	ANDREWS REFRIGERATION	120460	08/01/2021	22200253	111021AP	1,181.93
				1,181.93 10003174 520512 Building Repairs					
							CHECK	138631 TOTAL:	1,181.93
138632	11/10/2021	PRTD	6967	KDS INTERIOR DESIGN	IN-11360	11/10/2021	22200781	111021AP	1,000.00
				1,000.00 10003172 520037 Professional Services General					
							CHECK	138632 TOTAL:	1,000.00
				NUMBER OF CHECKS 2				*** CASH ACCOUNT TOTAL ***	2,181.93

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	2	2,181.93

*** GRAND TOTAL *** 2,181.93

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2022 5 396								
APP 1000-201000					Accounts Payable		2,181.93	
11/10/2021	111021AP	APP111			AP CASH DISBURSEMENTS JOURNAL			
APP 9999-104000					Cash in Bank - Checking			2,181.93
11/10/2021	111021AP	APP111			AP CASH DISBURSEMENTS JOURNAL			
					GENERAL LEDGER TOTAL		2,181.93	2,181.93
APP 9999-201010					DT DF		2,181.93	
11/10/2021	111021AP	APP111						
APP 1000-101010					Pooled Cash Equity			2,181.93
11/10/2021	111021AP	APP111						
					SYSTEM GENERATED ENTRIES TOTAL		2,181.93	2,181.93
					JOURNAL 2022/05/396 TOTAL		4,363.86	4,363.86

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	5	396	11/10/2021			
1000-101010				Pooled Cash Equity			2,181.93
1000-201000				Accounts Payable		2,181.93	
					FUND TOTAL	2,181.93	2,181.93
9999 Pooled Cash	2022	5	396	11/10/2021			
9999-104000				Cash in Bank - Checking			2,181.93
9999-201010				DT DF		2,181.93	
					FUND TOTAL	2,181.93	2,181.93

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FR
1000 General Fund		2,181.93
9999 Pooled Cash	2,181.93	
TOTAL	2,181.93	2,181.93

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138564	11/10/2021	PRTD	6456	3 MINUTE BUCKEYE LLC	1017	10/28/2021	22200427	111021AP	79.95
					39.98 40003210 521508 Automotive Expenses				
					39.97 40013220 521508 Automotive Expenses				
				3 MINUTE BUCKEYE LLC	1016	10/28/2021	22200427	111021AP	79.95
					39.97 40003210 521508 Automotive Expenses				
					39.98 40013220 521508 Automotive Expenses				
								CHECK 138564 TOTAL:	159.90
138565	11/10/2021	PRTD	5566	ACRO SERVICE CORPORATION	1501524	10/31/2021	22200404	111021AP	727.75
					727.75 10002121 520012 Contract Labor				
								CHECK 138565 TOTAL:	727.75
138566	11/10/2021	PRTD	5566	ACRO SERVICE CORPORATION	1491723	10/24/2021	22200363	111021AP	743.20
					371.60 40003210 520037 Professional Services General				
					371.60 40013220 520037 Professional Services General				
				ACRO SERVICE CORPORATION	1457534	09/26/2021	22200363	111021AP	743.20
					371.60 40003210 520037 Professional Services General				
					371.60 40013220 520037 Professional Services General				
				ACRO SERVICE CORPORATION	1469561	10/10/2021	22200363	111021AP	743.20
					371.60 40003210 520037 Professional Services General				
					371.60 40013220 520037 Professional Services General				
								CHECK 138566 TOTAL:	2,229.60
138567	11/10/2021	PRTD	1045	AHS RESCUE LLC	22639	11/05/2021	22200065	111021AP	137.13
					137.13 10002140 521922 Uniforms				
								CHECK 138567 TOTAL:	137.13
138568	11/10/2021	PRTD	5567	EXTRICATION CONCEPTS LLC	ECI-3534	11/02/2021	22200038	111021AP	153.19
					153.19 10002140 520525 Hardware Maintenance				
								CHECK 138568 TOTAL:	153.19
138569	11/10/2021	PRTD	1088	AMERICAN TOWER CORP	37200831	10/28/2021	22200244	111021AP	4,974.82
					4,974.82 10002121 521505 Equipment Rental				
								CHECK 138569 TOTAL:	4,974.82

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138570	11/10/2021	PRTD	6851	AMILIA CONSULTING USA	INV-0324	10/31/2021	22200148	111021AP	7,222.50
				7,222.50 10004150 520037	Professional Services General				
							CHECK	138570 TOTAL:	7,222.50
138571	11/10/2021	PRTD	5686	ARIZONA PPE RECON, INC.	3098	10/28/2021	22200022	111021AP	1,293.00
				1,293.00 10002140 520518	Equip Testing & Certification				
							CHECK	138571 TOTAL:	1,293.00
138572	11/10/2021	PRTD	5967	ARIZONA STATE RIFLE AND PISTOL AS	BPD1021	11/01/2021	22200291	111021AP	422.00
				422.00 10002121 522155	Operational Supplies				
							CHECK	138572 TOTAL:	422.00
138573	11/10/2021	PRTD	6679	ARRINGTON WATKINS ARCHITECTS, LLC	2020470	10/30/2021	22200618	111021AP	15,611.25
				15,611.25 50212140 543122	Blue Horizons Fire Station				
				ARRINGTON WATKINS ARCHITECTS, LLC	2020475	10/30/2021	22200409	111021AP	14,314.93
				14,314.93 50212121 543143	Police Training Center				
							CHECK	138573 TOTAL:	29,926.18
138574	11/10/2021	PRTD	6665	ASPIN/MOHAVE	22A06132	10/26/2021	22200031	111021AP	2,939.43
				2,939.43 35754150 521502	Program Supplies/Equipment				
							CHECK	138574 TOTAL:	2,939.43
138575	11/10/2021	PRTD	1160	ARIZONA DEPARTMENT OF PUBLIC SAFE	L. Chon	11/02/2021		111021AP	22.00
				22.00 10001115 520029	Pre-Employment Testing				
							CHECK	138575 TOTAL:	22.00
138576	11/10/2021	PRTD	1165	ARIZONA GLOVE & SAFETY	7555194	10/14/2021	22200229	111021AP	251.32
				251.32 40003350 521514	Water Distrib System R&M				
				ARIZONA GLOVE & SAFETY	7553658	09/22/2021	22200229	111021AP	24.66
				24.66 40003350 521514	Water Distrib System R&M				
							CHECK	138576 TOTAL:	275.98
138577	11/10/2021	PRTD	1174	ARIZONA MUNICIPAL RISK RETENTION	12143	11/01/2021		111021AP	1,161.96
				1,161.96 31001115 523008	Worker's Comp Claims				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
				ARIZONA MUNICIPAL RISK RETENTION	12161	11/01/2021		111021AP	617.44
				617.44 31001115 523008 Worker's Comp Claims					
						CHECK	138577	TOTAL:	1,779.40
138578	11/10/2021	PRTD	6952	BARTON DYNAMICS, LLC	BC5E3DF2	10/04/2021	22200711	111021AP	1,335.46
				1,335.46 30584160 521502 Program Supplies/Equipment					
						CHECK	138578	TOTAL:	1,335.46
138579	11/10/2021	PRTD	1257	BUSTAMANTE & KUFFNER PC	October 31, 2021	10/31/2021	22200137	111021AP	13,000.00
				13,000.00 10001108 520021 City Prosecuter					
						CHECK	138579	TOTAL:	13,000.00
138580	11/10/2021	PRTD	3117	CANADA ARIZONA BUSINESS COUNCIL	20200203	11/01/2021	22200722	111021AP	10,000.00
				10,000.00 10001100 526120 Dues and Memberships					
						CHECK	138580	TOTAL:	10,000.00
138581	11/10/2021	PRTD	1279	CANON SOLUTIONS AMERICA, INC	4040410934	10/31/2021	22200149	111021AP	185.13
				185.13 10005180 520037 Professional Services General					
						CHECK	138581	TOTAL:	185.13
138582	11/10/2021	PRTD	5029	CDW GOVERNMENT LLC	M820038	10/28/2021	22200643	111021AP	692.88
				692.88 10003172 521521 IT Equipment <$5000					
						CHECK	138582	TOTAL:	692.88
138583	11/10/2021	PRTD	1299	CINTAS CORPORATION NO.2 - LOC D53	0D53185663	10/25/2021	22200547	111021AP	765.00
				765.00 40013225 520580 WRF O&M					
						CHECK	138583	TOTAL:	765.00
138584	11/10/2021	PRTD	1308	CITY OF PHOENIX	2208	10/13/2021	22200763	111021AP	7,000.00
				7,000.00 10002140 526118 Operational Training/Testing					
						CHECK	138584	TOTAL:	7,000.00
138585	11/10/2021	PRTD	1341	CROSS LIFELINE TRAINING INC	CLT092107	09/27/2021	22200345	111021AP	618.00
				618.00 10004160 520013 Contract Instruc-SIC					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138585 TOTAL:	618.00
138586	11/10/2021	PRTD	1343	CUMMINS ROCKY MOUNTAIN, LLC	54-2286	11/02/2021	22200349	111021AP	717.90
				717.90 40003218 520515 Generator R & M					
								CHECK 138586 TOTAL:	717.90
138587	11/10/2021	PRTD	6932	CURTIS PROCESS CONSULTING	1455	10/01/2021	22200518	111021AP	12,500.00
				6,250.00 10005180 520037 Professional Services General					
				6,250.00 10005185 520037 Professional Services General					
								CHECK 138587 TOTAL:	12,500.00
138588	11/10/2021	PRTD	1388	E-Z TOWING & RECOVERY LLC	21-1104-2852	11/09/2021	22200321	111021AP	300.00
				300.00 10002121 520033 Vehicle Towing					
								CHECK 138588 TOTAL:	300.00
138589	11/10/2021	PRTD	6814	ENVIRONMENTAL PLANNING GROUP, LLC	TF82654	10/15/2021	22100895	111021AP	5,532.62
				5,532.62 50214150 543060 BLM Land Miller/TonopSalomeHwy					
								CHECK 138589 TOTAL:	5,532.62
138590	11/10/2021	PRTD	5676	FIRESTATS, LLC	BUK Q3 2021	10/31/2021	22200094	111021AP	2,700.00
				2,700.00 10002140 526121 On-line Subscriptions					
								CHECK 138590 TOTAL:	2,700.00
138591	11/10/2021	PRTD	5939	FORTILINE, INC	5446568	10/07/2021	22200401	111021AP	5,296.90
				5,296.90 40003350 520574 Fire Hydrant Maint/Replacement					
								CHECK 138591 TOTAL:	5,296.90
138592	11/10/2021	PRTD	1450	FOSTER ELECTRIC MOTOR SERVICE INC	195725	10/27/2021	22200709	111021AP	1,990.81
				1,990.81 40013225 520580 WRF O&M					
								CHECK 138592 TOTAL:	1,990.81
138593	11/10/2021	PRTD	5719	FREIGHTLINER OF ARIZONA, LLC	XA310447214:01	09/08/2021	22200064	111021AP	1,035.78
				1,035.78 10002140 522150 Personal Protective Equipment					
								CHECK 138593 TOTAL:	1,035.78

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138594	11/10/2021	PRTD	6934	GLOBAL YOUTH ESPORTS, LLC	1	09/18/2021	22200614	111021AP	750.00
				750.00 10004160 520013	Contract Instruc-SIC				
						CHECK	138594 TOTAL:		750.00
138595	11/10/2021	PRTD	1486	GRAYBAR	9323954595	10/21/2021	22200726	111021AP	1,294.13
				1,294.13 40003213 520585	Treatment Plant O&M				
						CHECK	138595 TOTAL:		1,294.13
138596	11/10/2021	PRTD	1497	HAMILTON'S TOWING	105566	11/09/2021	22200215	111021AP	107.00
				107.00 10002121 521508	Automotive Expenses				
						CHECK	138596 TOTAL:		107.00
138597	11/10/2021	PRTD	1491	USA BLUE BOOK	766529	10/21/2021	22200090	111021AP	804.42
				804.42 40003216 520585	Treatment Plant O&M				
						CHECK	138597 TOTAL:		804.42
138598	11/10/2021	PRTD	1504	HEALTHCARE MEDICAL WASTE SERVICES	R3367897	11/03/2021	22200261	111021AP	40.82
				40.82 10002121 520005	Crime Scene Clean-Up				
						CHECK	138598 TOTAL:		40.82
138599	11/10/2021	PRTD	1513	HILL BROTHERS CHEMICAL COMPANY	07112856	10/29/2021	22200364	111021AP	4,642.65
				4,642.65 40013221 521540	Chemicals				
						CHECK	138599 TOTAL:		4,642.65
138600	11/10/2021	PRTD	1521	HORIZON TOWER LIMITED, LLC	202111	11/01/2021	22200245	111021AP	2,687.83
				2,687.83 10002121 521505	Equipment Rental				
						CHECK	138600 TOTAL:		2,687.83
138601	11/10/2021	PRTD	1601	LANGUAGE LINE SERVICES, INC.	10354036	10/18/2021	22200435	111021AP	19.95
				19.95 10002121 520037	Professional Services General				
						CHECK	138601 TOTAL:		19.95
138602	11/10/2021	PRTD	6001	LINKO TECHNOLOGY INC.	8865	10/13/2021	22200648	111021AP	2,250.00
				2,250.00 40013227 520030	Software Maintenance				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138602 TOTAL:	2,250.00
138603	11/10/2021	PRTD	6392	LITCHFIELD TACTICAL, LLC	20211104001	11/04/2021	22200045	111021AP	1,280.00
				1,280.00 10002121 520029 Pre-Employment Testing					
								CHECK 138603 TOTAL:	1,280.00
138604	11/10/2021	PRTD	5573	PROMOTIONS WITH PERSONALITY	1788	10/15/2021	22200503	111021AP	99.00
				99.00 10001100 523026 Marketing Expense					
								CHECK 138604 TOTAL:	99.00
138605	11/10/2021	PRTD	6191	MORPHO USA, INC.	142558	11/03/2021	22200498	111021AP	4,371.00
				4,371.00 10002121 526121 On-line Subscriptions					
								CHECK 138605 TOTAL:	4,371.00
138606	11/10/2021	PRTD	1686	MUNICIPAL CODE CORPORATION	00366396	11/08/2021	22200035	111021AP	800.00
				800.00 10001102 523055 Legal Printing and Advertising					
								CHECK 138606 TOTAL:	800.00
138607	11/10/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01J6700459136	11/02/2021	22200050	111021AP	22.80
				22.80 10001102 521501 Office Supplies					
				NESTLE WATERS NORTH AMERICA	01H6700441315	09/02/2021	22200413	111021AP	441.56
				441.56 10002121 522155 Operational Supplies					
				NESTLE WATERS NORTH AMERICA	01J6700441315	10/01/2021	22200413	111021AP	123.10
				123.10 10002121 522155 Operational Supplies					
								CHECK 138607 TOTAL:	587.46
138608	11/10/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01J6700439645	11/02/2021	22200216	111021AP	303.21
				303.21 10005180 521501 Office Supplies					
								CHECK 138608 TOTAL:	303.21
138609	11/10/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01J6701000492	11/02/2021	22200477	111021AP	66.49
				66.49 10001110 521501 Office Supplies					
								CHECK 138609 TOTAL:	66.49

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138610	11/10/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01J6700459147	11/02/2021	22200114	111021AP	200.45
				200.45 10004150 521501 Office Supplies					
						CHECK 138610 TOTAL:			200.45
138611	11/10/2021	PRTD	999990	RALPH FLORIA	11042021	11/04/2021		111021AP	275.00
				275.00 31001115 523009 Losses <$5,000					
						CHECK 138611 TOTAL:			275.00
138612	11/10/2021	PRTD	6815	WHITE TANKS GOJU RYU	0010	11/03/2021	22200276	111021AP	480.00
				480.00 10004160 520013 Contract Instruc-SIC					
						CHECK 138612 TOTAL:			480.00
138613	11/10/2021	PRTD	6879	ALEXANDER JAMES ELLEDGE	1	11/04/2021	22200406	111021AP	1,170.00
				1,170.00 10004160 520013 Contract Instruc-SIC					
						CHECK 138613 TOTAL:			1,170.00
138614	11/10/2021	PRTD	1868	SAN DIEGO POLICE EQUIPMENT CO	647824	06/09/2021	22200552	111021AP	410.90
				410.90 10002121 521900 Ammunition					
						CHECK 138614 TOTAL:			410.90
138615	11/10/2021	PRTD	6150	SCOTT RICHARD CURRIER	RR1	11/02/2021	22200426	111021AP	325.00
				325.00 10004160 520013 Contract Instruc-SIC					
						CHECK 138615 TOTAL:			325.00
138616	11/10/2021	PRTD	5401	LOCKBOX SCOTTS AZ ELECTRIC MOTOR	124160	10/28/2021	22200373	111021AP	6,215.90
				6,215.90 40013221 520540 Wastewater Plant R & M					
				LOCKBOX SCOTTS AZ ELECTRIC MOTOR	121834	10/28/2021	22200241	111021AP	2,067.58
				2,067.58 40013224 520543 WW R&M					
				LOCKBOX SCOTTS AZ ELECTRIC MOTOR	124161	10/28/2021	22200373	111021AP	3,815.90
				3,815.90 40013221 520540 Wastewater Plant R & M					
						CHECK 138616 TOTAL:			12,099.38
138617	11/10/2021	PRTD	5436	SKAGGS COMPANIES INC	20211102	11/02/2021	22200042	111021AP	5,093.92
				5,093.92 10002140 521922 Uniforms					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138617 TOTAL:	5,093.92
138618	11/10/2021	PRTD	3089	SOMERSET LANDSCAPE LLC	PHXW 283171	10/31/2021	22200403	111021AP	6,020.79
				610.15 40003212 520035 Landscaping					
				1,214.94 40003213 520035 Landscaping					
				637.39 40003214 520035 Landscaping					
				575.33 40003215 520035 Landscaping					
				983.90 40003216 520035 Landscaping					
				197.29 40003217 520035 Landscaping					
				1,801.79 40003218 520035 Landscaping					
								CHECK 138618 TOTAL:	6,020.79
138619	11/10/2021	PRTD	6908	SUNBURST MUSIC AND ART LLC	101	09/25/2021	22200309	111021AP	396.00
				396.00 10004160 520013 Contract Instruc-SIC					
								CHECK 138619 TOTAL:	396.00
138620	11/10/2021	PRTD	1995	THE ARIZONA REPUBLIC	0004178177	11/04/2021	22200052	111021AP	339.30
				339.30 10001102 523055 Legal Printing and Advertising					
								CHECK 138620 TOTAL:	339.30
138621	11/10/2021	PRTD	1884	THE SEGAL COMPANY	421735	10/31/2021	22200136	111021AP	2,416.67
				2,416.67 10001115 520037 Professional Services General					
								CHECK 138621 TOTAL:	2,416.67
138622	11/10/2021	PRTD	1704	NATIONAL HAZARD CONTROL	2224	10/28/2021	22200262	111021AP	271.46
				271.46 10002121 520005 Crime Scene Clean-Up					
								CHECK 138622 TOTAL:	271.46
138623	11/10/2021	PRTD	2035	UNIFIRST CORPORATION	3152459455	11/03/2021	22200055	111021AP	5.62
				5.62 35754150 521502 Program Supplies/Equipment					
								CHECK 138623 TOTAL:	5.62
138624	11/10/2021	PRTD	2038	UNITED FIRE EQUIPMENT	755245	11/04/2021	22200084	111021AP	258.03
				258.03 10002140 521922 Uniforms					
								CHECK 138624 TOTAL:	258.03

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138625	11/10/2021	PRTD	2050	VALLEY METRO OFFICIALS LLC	3030	11/06/2021	22200690	111021AP	990.00
					990.00 10004156 520014	Contract Instruc - Sports			
							CHECK	138625 TOTAL:	990.00
138626	11/10/2021	PRTD	6158	VOIANCE LANGUAGE SERVICES, LLC	1402327	10/31/2021	22200434	111021AP	67.53
					67.53 10002121 520037	Professional Services General			
							CHECK	138626 TOTAL:	67.53
138627	11/10/2021	PRTD	2077	OFFENDER WATCH	51445	10/12/2021	22200410	111021AP	463.10
					463.10 10002121 526121	On-line Subscriptions			
				OFFENDER WATCH	51602	10/28/2021	22200410	111021AP	209.55
					209.55 10002121 526121	On-line Subscriptions			
							CHECK	138627 TOTAL:	672.65
138628	11/10/2021	PRTD	6743	WILLMENG CONSTRUCTION, INC.	8	11/05/2021	22100606	111021AP	570,196.69
					570,196.69 50214150 543055	Sundance Park Ph II			
							CHECK	138628 TOTAL:	570,196.69

NUMBER OF CHECKS 65 *** CASH ACCOUNT TOTAL *** 737,726.71

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	65	737,726.71

*** GRAND TOTAL *** 737,726.71

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T	OB	DEBIT	CREDIT
2022 5 391									
APP 4000-201000					Accounts Payable			15,604.87	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 9999-104000					Cash in Bank - Checking				737,726.71
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 4001-201000					Accounts Payable			22,942.59	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 1000-201000					Accounts Payable			87,188.85	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 5021-201000					Accounts Payable			605,655.49	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 3575-201000					Accounts Payable			2,945.05	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 3100-201000					Accounts Payable			2,054.40	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
APP 3058-201000					Accounts Payable			1,335.46	
11/10/2021	111021AP	AP1110			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			737,726.71	737,726.71
APP 9999-201010					DT DF			737,726.71	
11/10/2021	111021AP	AP1110							
APP 4000-101010					Pooled Cash Equity				15,604.87
11/10/2021	111021AP	AP1110							
APP 4001-101010					Pooled Cash Equity				22,942.59
11/10/2021	111021AP	AP1110							
APP 1000-101010					Pooled Cash Equity				87,188.85
11/10/2021	111021AP	AP1110							
APP 5021-101010					Pooled Cash Equity				605,655.49
11/10/2021	111021AP	AP1110							
APP 3575-101010					Pooled Cash Equity				2,945.05
11/10/2021	111021AP	AP1110							
APP 3100-101010					Pooled Cash Equity				2,054.40
11/10/2021	111021AP	AP1110							
APP 3058-101010					Pooled Cash Equity				1,335.46
11/10/2021	111021AP	AP1110							
					SYSTEM GENERATED ENTRIES TOTAL			737,726.71	737,726.71
					JOURNAL 2022/05/391 TOTAL			1,475,453.42	1,475,453.42

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	5	391	11/10/2021			
1000-101010				Pooled Cash Equity			87,188.85
1000-201000				Accounts Payable		87,188.85	
					FUND TOTAL	87,188.85	87,188.85
3058 Comm Services Programs	2022	5	391	11/10/2021			
3058-101010				Pooled Cash Equity			1,335.46
3058-201000				Accounts Payable		1,335.46	
					FUND TOTAL	1,335.46	1,335.46
3100 Risk Mgmt Retention Fund	2022	5	391	11/10/2021			
3100-101010				Pooled Cash Equity			2,054.40
3100-201000				Accounts Payable		2,054.40	
					FUND TOTAL	2,054.40	2,054.40
3575 Area Agency on Aging	2022	5	391	11/10/2021			
3575-101010				Pooled Cash Equity			2,945.05
3575-201000				Accounts Payable		2,945.05	
					FUND TOTAL	2,945.05	2,945.05
4000 Water Utility Fund	2022	5	391	11/10/2021			
4000-101010				Pooled Cash Equity			15,604.87
4000-201000				Accounts Payable		15,604.87	
					FUND TOTAL	15,604.87	15,604.87
4001 Wastewater Fund	2022	5	391	11/10/2021			
4001-101010				Pooled Cash Equity			22,942.59
4001-201000				Accounts Payable		22,942.59	
					FUND TOTAL	22,942.59	22,942.59
5021 CIP General	2022	5	391	11/10/2021			
5021-101010				Pooled Cash Equity			605,655.49
5021-201000				Accounts Payable		605,655.49	
					FUND TOTAL	605,655.49	605,655.49
9999 Pooled Cash	2022	5	391	11/10/2021			
9999-104000				Cash in Bank - Checking			737,726.71
9999-201010				DT DF		737,726.71	
					FUND TOTAL	737,726.71	737,726.71

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
1000	General Fund		87,188.85
3058	Comm Services Programs		1,335.46
3100	Risk Mgmt Retention Fund		2,054.40
3575	Area Agency on Aging		2,945.05
4000	Water Utility Fund		15,604.87
4001	Wastewater Fund		22,942.59
5021	CIP General		605,655.49
9999	Pooled Cash	737,726.71	
	TOTAL	737,726.71	737,726.71

** END OF REPORT - Generated by Anacelia Cruz **

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138651	11/17/2021	PRTD	6456	3 MINUTE BUCKEYE LLC	1018	10/28/2021	22200082	111721AP	127.92
				127.92 10002140 521508 Automotive Expenses					
				3 MINUTE BUCKEYE LLC	1019	10/28/2021	22200082	111721AP	127.92
				127.92 10002140 521508 Automotive Expenses					
								CHECK 138651 TOTAL:	255.84
138652	11/17/2021	PRTD	6155	ACCEL	2021 Halloween Accel	11/10/2021		111721AP	996.00
				996.00 30584160 521502 Program Supplies/Equipment					
								CHECK 138652 TOTAL:	996.00
138653	11/17/2021	PRTD	5749	ADELANTE HEALTHCARE	2021 Halloween AH	11/10/2021		111721AP	293.50
				293.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138653 TOTAL:	293.50
138654	11/17/2021	PRTD	5427	ALL FAITH COMMUNITY SERVICES	2021 Halloween All F	11/10/2021		111721AP	829.50
				829.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138654 TOTAL:	829.50
138655	11/17/2021	PRTD	5472	AMERICAN LEGION AUXILIARY UNIT 53	2021 Halloween ALA	11/10/2021		111721AP	258.50
				258.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138655 TOTAL:	258.50
138656	11/17/2021	PRTD	1095	ANTHONY'S BACKFLOW INC	293-21	10/30/2021	22200170	111721AP	926.67
				926.67 10003172 520037 Professional Services General					
								CHECK 138656 TOTAL:	926.67
138657	11/17/2021	PRTD	1116	ARIZONA ELEVATOR SOLUTIONS, INC.	50930	11/01/2021	22200195	111721AP	745.60
				745.60 10003174 520512 Building Repairs					
								CHECK 138657 TOTAL:	745.60
138658	11/17/2021	PRTD	6665	ASPIN/MOHAVE	22A06646	11/04/2021	22200031	111721AP	1,798.95
				1,798.95 35754150 521502 Program Supplies/Equipment					
								CHECK 138658 TOTAL:	1,798.95

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138659	11/17/2021	PRTD	1181	ARIZONA WASTEWATER INDUSTRIES	45141	11/01/2021	22200668	111721AP	1,197.32
				1,197.32 40013226 520541 Wastewater System R & M					
				ARIZONA WASTEWATER INDUSTRIES	44904	10/15/2021	22200513	111721AP	2,045.21
				2,045.21 40003350 521514 Water Distrib System R&M					
							CHECK	138659 TOTAL:	3,242.53
138660	11/17/2021	PRTD	6174	BIKERS AGAINST CHILD ABUSE BLACK	2021 Halloween BACA	11/10/2021		111721AP	412.50
				412.50 30584160 521502 Program Supplies/Equipment					
							CHECK	138660 TOTAL:	412.50
138661	11/17/2021	PRTD	6922	BEYOND GYMNASTICS	0001	10/19/2021	22200700	111721AP	1,125.00
				1,125.00 10004160 520013 Contract Instruc-SIC					
							CHECK	138661 TOTAL:	1,125.00
138662	11/17/2021	PRTD	1124	ARIZONA LANGUAGE SPECIALISTS	October 31 2021	10/31/2021	22200028	111721AP	945.00
				945.00 10002120 520037 Professional Services General					
							CHECK	138662 TOTAL:	945.00
138663	11/17/2021	PRTD	6946	BUCKEYE ELEMENTARY SCHOOL DISTRIC	2021 Halloween Bucke	11/10/2021		111721AP	800.00
				800.00 30584160 521502 Program Supplies/Equipment					
							CHECK	138663 TOTAL:	800.00
138664	11/17/2021	PRTD	1244	BUCKEYE ROTARY CLUB	2021 Halloween Rotar	11/10/2021		111721AP	1,548.00
				1,548.00 30584160 521502 Program Supplies/Equipment					
							CHECK	138664 TOTAL:	1,548.00
138665	11/17/2021	PRTD	5465	BUCKEYE UNION HIGH SCHOOL DISTRIC	2021 Halloween BUHS	11/10/2021		111721AP	243.50
				243.50 30584160 521502 Program Supplies/Equipment					
				BUCKEYE UNION HIGH SCHOOL DISTRIC	2021Halloween BUHS	11/10/2021		111721AP	474.50
				474.50 30584160 521502 Program Supplies/Equipment					
				BUCKEYE UNION HIGH SCHOOL DISTRIC	2021 Halloween YHS	11/10/2021		111721AP	326.00
				326.00 30584160 521502 Program Supplies/Equipment					
				BUCKEYE UNION HIGH SCHOOL DISTRIC	2021Halloween InterY	11/10/2021		111721AP	48.00
				48.00 30584160 521502 Program Supplies/Equipment					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138665 TOTAL:	1,092.00
138666	11/17/2021	PRTD	1248	BUCKEYE VALLEY CHAMBER OF COMMERC	12020312	11/03/2021	22200194	111721AP	9,000.00
				9,000.00 10001187 520038	Contributions to Civic Orgs				
								CHECK 138666 TOTAL:	9,000.00
138667	11/17/2021	PRTD	5471	BULLDOGS PTA, BALES ELEMENTARY SC	2021 Halloween Bales	11/10/2021		111721AP	351.00
				351.00 30584160 521502	Program Supplies/Equipment				
								CHECK 138667 TOTAL:	351.00
138668	11/17/2021	PRTD	6194	CABALLEROS LANDSCAPE INC	5-31-162	11/01/2021	22200660	111721AP	300.00
				300.00 10003172 520035	Landscaping Service				
								CHECK 138668 TOTAL:	300.00
138669	11/17/2021	PRTD	3107	CALMAT CO	80881013	09/27/2021	22200336	111721AP	695.58
				695.58 38103202 520502	Street Overlay R & M				
								CHECK 138669 TOTAL:	695.58
138670	11/17/2021	PRTD	1279	CANON SOLUTIONS AMERICA, INC	68194	11/01/2021	22200192	111721AP	374.25
				374.25 10005185 520525	Hardware Maintenance				
								CHECK 138670 TOTAL:	374.25
138671	11/17/2021	PRTD	3021	CINTAS CORPORATION NO 3	4100843462	11/04/2021	22200359	111721AP	9.72
				9.72 40053205 521922	Uniforms				
				CINTAS CORPORATION NO 3	4100843444	11/04/2021	22200171	111721AP	78.32
				78.32 10003171 521922	Uniforms				
				CINTAS CORPORATION NO 3	4100843436	11/04/2021	22200213	111721AP	85.77
				85.77 38103202 521922	Uniforms				
								CHECK 138671 TOTAL:	173.81
138672	11/17/2021	PRTD	1303	CITY ELECTRIC SUPPLY	GOO/068014	11/01/2021	22200322	111721AP	349.78
				349.78 10003176 521720	Shop Supplies				
				CITY ELECTRIC SUPPLY	GOO/067287	10/11/2021	22200180	111721AP	1,223.19
				1,223.19 10003172 522155	Operational Supplies				

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138672 TOTAL:	1,572.97
138673	11/17/2021	PRTD	6694	COMMUNITY YOUTH BALLROOM DANCE ST	102021	11/16/2021	22200347	111721AP	630.00
				630.00 10004160 520013		Contract Instruc-SIC			
								CHECK 138673 TOTAL:	630.00
138674	11/17/2021	PRTD	1239	COUNTY OF MARICOPA BUCKEYE ELEMEN	2021 Halloween BESD	11/10/2021		111721AP	657.50
				657.50 30584160 521502		Program Supplies/Equipment			
								CHECK 138674 TOTAL:	657.50
138675	11/17/2021	PRTD	6721	DCS MANAGMENT, LLC	72250	10/31/2021	22200720	111721AP	550.00
				550.00 40013223 520037		Professional Services General			
								CHECK 138675 TOTAL:	550.00
138676	11/17/2021	PRTD	5295	DELL MARKETING L.P.	10531319736	11/04/2021	22200756	111721AP	1,519.50
				1,519.50 10005185 521521		IT Equipment <$5000			
								CHECK 138676 TOTAL:	1,519.50
138677	11/17/2021	PRTD	1426	FACTORY MOTOR PARTS CO	10-1453307	10/20/2021	22200368	111721AP	710.00
				710.00 10003171 522155		Operational Supplies			
								CHECK 138677 TOTAL:	710.00
138678	11/17/2021	PRTD	1402	EMPIRE SOUTHWEST, LLC	EMSL00069040	10/14/2021	22200645	111721AP	262,564.69
				262,564.69 38103202 541240		Other Vehicles			
								CHECK 138678 TOTAL:	262,564.69
138679	11/17/2021	PRTD	1408	ENVISIONWARE, INC.	INV-US-54682	07/28/2021	22200293	111721AP	6,041.04
				6,041.04 10004151 520525		Hardware Maintenance			
								CHECK 138679 TOTAL:	6,041.04
138680	11/17/2021	PRTD	5966	EUGENE P BROWN	11102021	11/10/2021		111721AP	250.00
				250.00 10004151 520037		Professional Services General			
				EUGENE P BROWN	111021	11/10/2021		111721AP	250.00
				250.00 10004151 520037		Professional Services General			

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
							CHECK	138680 TOTAL:	500.00
138681	11/17/2021	PRTD	1432	FERGUSON WATERWORKS #3083	0438162	08/20/2021	22200379	111721AP	2,019.70
				2,019.70 40003350 521514 Water Distrib System R&M					
							CHECK	138681 TOTAL:	2,019.70
138682	11/17/2021	PRTD	1432	FERGUSON ENTERPRISES INC.	0203152	11/08/2021	22200379	111721AP	7,402.68
				7,402.68 40003350 521514 Water Distrib System R&M					
							CHECK	138682 TOTAL:	7,402.68
138683	11/17/2021	PRTD	5939	FORTILINE, INC	5461130	10/27/2021	22200138	111721AP	3,185.00
				3,185.00 40003350 521514 Water Distrib System R&M					
							CHECK	138683 TOTAL:	3,185.00
138684	11/17/2021	PRTD	6224	FREEPORT MCMORAN COPPER & GOLD	90849480	11/10/2021		111721AP	245.00
				245.00 10002121 522155 Operational Supplies					
							CHECK	138684 TOTAL:	245.00
138685	11/17/2021	PRTD	5444	FRIENDS OF THE BUCKEYE PUBLIC LIB	2021 Halloween	11/10/2021		111721AP	2,664.00
				2,664.00 30584160 521502 Program Supplies/Equipment					
							CHECK	138685 TOTAL:	2,664.00
138686	11/17/2021	PRTD	5461	FRIENDS OF THE REC	2021 Halloween COB	11/10/2021		111721AP	7,620.00
				7,620.00 30584160 521502 Program Supplies/Equipment					
							CHECK	138686 TOTAL:	7,620.00
138687	11/17/2021	PRTD	1486	GRAYBAR	9324238311	11/09/2021	22200688	111721AP	2,915.37
				2,915.37 40003210 543028 Jackie A Meck Wtr Campus/BRWC					
							CHECK	138687 TOTAL:	2,915.37
138688	11/17/2021	PRTD	1491	USA BLUE BOOK	786510	11/09/2021	22200090	111721AP	486.69
				486.69 40003218 520585 Treatment Plant O&M					
							CHECK	138688 TOTAL:	486.69

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138689	11/17/2021	PRTD	5180	HDR ENGINEERING, INC	1200388119	11/08/2021	22200344	111721AP	15,849.00
				15,849.00 10005185 520006		Engineering Services			
						CHECK	138689 TOTAL:		15,849.00
138690	11/17/2021	PRTD	6798	HI-LINE ELECTRIC COMPANY, INC	10888966	10/06/2021	22200164	111721AP	183.20
				183.20 10003171 522155		Operational Supplies			
						CHECK	138690 TOTAL:		183.20
138691	11/17/2021	PRTD	1513	HILL BROTHERS CHEMICAL COMPANY	07112516	10/27/2021	22200133	111721AP	288.88
				288.88 40003215 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07112517	10/27/2021	22200133	111721AP	167.24
				167.24 40003214 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07112518	10/27/2021	22200133	111721AP	418.11
				418.11 40003216 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07113245	11/03/2021	22200133	111721AP	380.10
				380.10 40003216 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07113313	11/04/2021	22200133	111721AP	998.50
				499.25 40003212 521540		Chemicals			
				499.25 40003218 521540		Chemicals			
				HILL BROTHERS CHEMICAL COMPANY	07113246	11/03/2021	22200133	111721AP	646.17
				646.17 40003213 521540		Chemicals			
						CHECK	138691 TOTAL:		2,899.00
138692	11/17/2021	PRTD	1522	HUGHES FIRE EQUIPMENT INC	569621	10/21/2021	22200284	111721AP	723.47
				723.47 10003171 522155		Operational Supplies			
				HUGHES FIRE EQUIPMENT INC	569955	10/28/2021	22200284	111721AP	484.12
				484.12 10003171 522155		Operational Supplies			
						CHECK	138692 TOTAL:		1,207.59
138693	11/17/2021	PRTD	1551	INTERIOR SOLUTIONS OF AZ, LLC	118571-1-MB	10/31/2021	22200157	111721AP	2,922.14
				2,922.14 10004150 521501		Office Supplies			
						CHECK	138693 TOTAL:		2,922.14

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138694	11/17/2021	PRTD	5175	J2 ENGINEERING AND ENVIRONMENTAL	13392	11/12/2021	22000990	111721AP	8,479.56
				8,479.56 50214150 543055 Sundance Park Ph II					
						CHECK 138694 TOTAL:			8,479.56
138695	11/17/2021	PRTD	5666	KIMLEY-HORN AND ASSOCIATES, INC.	19328048	07/31/2021	22100787	111721AP	3,539.00
				3,539.00 50213170 543137 Miller Rd Exp-Durango-LBuckeye					
				KIMLEY-HORN AND ASSOCIATES, INC.	19561140	08/31/2021	22100787	111721AP	5,001.50
				5,001.50 50213170 543137 Miller Rd Exp-Durango-LBuckeye					
						CHECK 138695 TOTAL:			8,540.50
138696	11/17/2021	PRTD	6190	LEGEND TECHNICAL SERVICES, INC.	2116215	10/31/2021	22200730	111721AP	1,507.00
				1,507.00 40013227 520049 Laboratory Fees					
				LEGEND TECHNICAL SERVICES, INC.	2116210	10/31/2021	22200730	111721AP	2,391.00
				2,391.00 40013227 520049 Laboratory Fees					
				LEGEND TECHNICAL SERVICES, INC.	2116211	10/31/2021	22200730	111721AP	2,026.00
				2,026.00 40013227 520049 Laboratory Fees					
				LEGEND TECHNICAL SERVICES, INC.	2116213	10/31/2021	22200730	111721AP	1,331.00
				1,331.00 40013227 520049 Laboratory Fees					
						CHECK 138696 TOTAL:			7,255.00
138697	11/17/2021	PRTD	6102	LOVE THY NEIGHBOR, INC	2021 Halloween Love	11/10/2021		111721AP	752.00
				752.00 30584160 521502 Program Supplies/Equipment					
						CHECK 138697 TOTAL:			752.00
138698	11/17/2021	PRTD	6448	MATHESON TRI-GAS, INC	2021 Halloween Kiwan	11/10/2021		111721AP	475.50
				475.50 30584160 521502 Program Supplies/Equipment					
						CHECK 138698 TOTAL:			475.50
138699	11/17/2021	PRTD	6953	NATIONAL DEMOGRAPHICS, INC.	1518	11/11/2021	22200689	111721AP	18,750.00
				18,750.00 10001102 520037 Professional Services General					
						CHECK 138699 TOTAL:			18,750.00
138700	11/17/2021	PRTD	1354	DAUGHTERS OF THE	2021 Halloween Bucke	11/10/2021		111721AP	530.50
				530.50 30584160 521502 Program Supplies/Equipment					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138700 TOTAL:	530.50
138701	11/17/2021	PRTD	6451	NESTLE WATERS NORTH AMERICA	01J6700439637	11/02/2021	22200029	111721AP	76.98
				76.98 10002120 521501 Office Supplies					
								CHECK 138701 TOTAL:	76.98
138702	11/17/2021	PRTD	999992	CRYSTAL COOK	INV0001	11/10/2021		111721AP	200.00
				200.00 10002121 526116 Meeting Expenses					
								CHECK 138702 TOTAL:	200.00
138703	11/17/2021	PRTD	999992	DAN KUPSKY	111021	11/10/2021		111721AP	19.50
				19.50 10002121 522155 Operational Supplies					
								CHECK 138703 TOTAL:	19.50
138704	11/17/2021	PRTD	3024	PBC PHOENIX INC	519691	07/31/2021	22200652	111721AP	273.12
				273.12 10003170 520019 Custodial Contract (PW)					
				PBC PHOENIX INC	530211	10/31/2021	22200652	111721AP	354.08
				354.08 10003170 520019 Custodial Contract (PW)					
								CHECK 138704 TOTAL:	627.20
138705	11/17/2021	PRTD	1769	PIONEER DISTRIBUTING CO INC	457752	10/11/2021	22200340	111721AP	853.72
				466.56 10003171 522155 Operational Supplies					
				271.02 38103202 521508 Automotive Expenses					
				98.71 40003210 521508 Automotive Expenses					
				17.43 40013220 521508 Automotive Expenses					
				PIONEER DISTRIBUTING CO INC	458426	10/18/2021	22200340	111721AP	458.26
				458.26 10003171 522155 Operational Supplies					
				PIONEER DISTRIBUTING CO INC	458887	10/25/2021	22200340	111721AP	428.03
				428.03 10003171 522155 Operational Supplies					
				PIONEER DISTRIBUTING CO INC	456932	09/27/2021	22200340	111721AP	1,797.79
				982.50 10003171 522155 Operational Supplies					
				407.65 38103202 521508 Automotive Expenses					
				122.29 40003210 521508 Automotive Expenses					
				285.35 40013220 521508 Automotive Expenses					
								CHECK 138705 TOTAL:	3,537.80

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138706	11/17/2021	PRTD	1772	PIONEER SAND COMPANY	PSI1555465	04/15/2021	22200788	111721AP	2,179.99
				2,179.99 40003350 521514 Water Distrib System R&M					
						CHECK	138706 TOTAL:		2,179.99
138707	11/17/2021	PRTD	1772	PIONEER SAND COMPANY	PSI1539063	03/02/2021	22200788	111721AP	1,717.81
				1,717.81 40003350 521514 Water Distrib System R&M					
						CHECK	138707 TOTAL:		1,717.81
138708	11/17/2021	PRTD	5374	RDO EQUIPMENT CO.	W7528731	10/15/2021	22200211	111721AP	913.64
				913.64 38103202 521508 Automotive Expenses					
						CHECK	138708 TOTAL:		913.64
138709	11/17/2021	PRTD	1849	ROOSEVELT IRRIGATION DISTRICT	103121833	09/30/2021		111721AP	2,708.90
				2,708.90 40013220 526027 RID Recharge Fees					
						CHECK	138709 TOTAL:		2,708.90
138710	11/17/2021	PRTD	6383	RR CATERING LLC	102021	10/30/2021	22200271	111721AP	450.00
				450.00 10004160 520013 Contract Instruc-SIC					
						CHECK	138710 TOTAL:		450.00
138711	11/17/2021	PRTD	5928	SADDLE MOUNTAIN UNIFIED SCHOOL DI	2021 Halloween Tarte	11/10/2021		111721AP	720.50
				720.50 30584160 521502 Program Supplies/Equipment					
				SADDLE MOUNTAIN UNIFIED SCHOOL DI	2021 Halloween Tonop	11/10/2021		111721AP	1,582.00
				1,582.00 30584160 521502 Program Supplies/Equipment					
						CHECK	138711 TOTAL:		2,302.50
138712	11/17/2021	PRTD	1865	SALT RIVER EXTRACTION LLC	32926	10/13/2021	22200385	111721AP	2,877.60
				2,877.60 40003216 520585 Treatment Plant O&M					
				SALT RIVER EXTRACTION LLC	32925	10/07/2021	22200385	111721AP	3,057.45
				3,057.45 40003213 520585 Treatment Plant O&M					
						CHECK	138712 TOTAL:		5,935.05
138713	11/17/2021	PRTD	6157	SC DEL SOL SOCCER CLUB	2021 Halloween SC de	11/10/2021		111721AP	1,363.00
				1,363.00 30584160 521502 Program Supplies/Equipment					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138713 TOTAL:	1,363.00
138714	11/17/2021	PRTD	1910	SIMPSON NORTON CORPORATION	1599893-00	10/28/2021	22200187	111721AP	34.73
				34.73 10003171 522155 Operational Supplies					
								CHECK 138714 TOTAL:	34.73
138715	11/17/2021	PRTD	6951	SKYVIEW HIGH SCHOOL	2021 Halloween Skyvi	11/10/2021		111721AP	233.50
				233.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138715 TOTAL:	233.50
138716	11/17/2021	PRTD	5318	SOLENIS LLC	131894434	11/04/2021	22200313	111721AP	15,476.74
				15,476.74 40013223 521540 Chemicals					
								CHECK 138716 TOTAL:	15,476.74
138717	11/17/2021	PRTD	6944	SPLASH RITE SWIM SCHOOL	2021 Halloween Splas	11/10/2021		111721AP	263.50
				263.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138717 TOTAL:	263.50
138718	11/17/2021	PRTD	5549	WONDERWARE WEST	944530012	09/22/2021	22200462	111721AP	7,907.89
				7,907.89 40003210 521526 SCADA					
				WONDERWARE WEST	967220357	10/21/2021	22200462	111721AP	-1,400.00
				-1,400.00 40003210 521526 SCADA					
				WONDERWARE WEST	944823565	10/26/2021	22200462	111721AP	6,000.00
				6,000.00 40003210 521526 SCADA					
								CHECK 138718 TOTAL:	12,507.89
138719	11/17/2021	PRTD	1944	STANDARD PRINTING COMPANY INC	264433	10/25/2021	22200350	111721AP	884.41
				274.17 40003230 520037 Professional Services General					
				274.17 40013230 520037 Professional Services General					
				336.07 40053230 520037 Professional Services General					
				STANDARD PRINTING COMPANY INC	264395	10/18/2021	22200350	111721AP	812.38
				251.84 40003230 520037 Professional Services General					
				251.84 40013230 520037 Professional Services General					
				308.70 40053230 520037 Professional Services General					
								CHECK 138719 TOTAL:	1,696.79

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
138720	11/17/2021	PRTD	6908	SUNBURST MUSIC AND ART LLC	102	11/03/2021	22200309	111721AP	1,251.90
				1,251.90 10004160 520013 Contract Instruc-SIC					
						CHECK	138720 TOTAL:		1,251.90
138721	11/17/2021	PRTD	6954	SUNDANCE RESIDENTIAL HOA	2021 Halloween Sunda	11/10/2021		111721AP	323.50
				323.50 30584160 521502 Program Supplies/Equipment					
						CHECK	138721 TOTAL:		323.50
138722	11/17/2021	PRTD	6622	SUNRISE ENGINEERING INC	0121215	10/30/2021	22200591	111721AP	23,660.00
				23,660.00 10005185 520006 Engineering Services					
						CHECK	138722 TOTAL:		23,660.00
138723	11/17/2021	PRTD	6738	TERRY'S PEST CONTROL, LLC	02111286	11/09/2021	22200226	111721AP	220.00
				70.00 40003210 520037 Professional Services General					
				150.00 40013220 520037 Professional Services General					
						CHECK	138723 TOTAL:		220.00
138724	11/17/2021	PRTD	5468	BOY SCOUT TROOP 448	2021 Halloween Odyss	11/10/2021		111721AP	2,957.00
				2,957.00 30584160 521502 Program Supplies/Equipment					
				BOY SCOUT TROOP 448	2021 Halloween 3448	11/10/2021		111721AP	253.50
				253.50 30584160 521502 Program Supplies/Equipment					
				BOY SCOUT TROOP 448	2021 Halloween 448	11/10/2021		111721AP	576.00
				576.00 30584160 521502 Program Supplies/Equipment					
				BOY SCOUT TROOP 448	2021 Halloween OI	11/10/2021		111721AP	106.50
				106.50 30584160 521502 Program Supplies/Equipment					
				BOY SCOUT TROOP 448	2021 Halloween OIVC	11/10/2021		111721AP	323.50
				323.50 30584160 521502 Program Supplies/Equipment					
				BOY SCOUT TROOP 448	2021 Halloween VC	11/10/2021		111721AP	327.00
				327.00 30584160 521502 Program Supplies/Equipment					
						CHECK	138724 TOTAL:		4,543.50
138725	11/17/2021	PRTD	1884	THE SEGAL COMPANY	422703	10/26/2021	22200807	111721AP	28,000.00
				28,000.00 10001115 520037 Professional Services General					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138725 TOTAL:	28,000.00
138726	11/17/2021	PRTD	2008	TRAFFICADE SIGNS & SALES, INC	01549173	08/31/2021	22200329	111721AP	69.09
				69.09 40003350 521505 Equipment Rental					
								CHECK 138726 TOTAL:	69.09
138727	11/17/2021	PRTD	2029	U.S. PAYMENTS, LLC	024672	10/31/2021	22200395	111721AP	1,706.17
				528.91 40003230 520037 Professional Services General					
				528.91 40013230 520037 Professional Services General					
				648.35 40053230 520037 Professional Services General					
								CHECK 138727 TOTAL:	1,706.17
138728	11/17/2021	PRTD	6973	UNIVERSAL DISC JOCKEY	103021	10/30/2021	22200816	111721AP	1,500.00
				1,500.00 30584160 521502 Program Supplies/Equipment					
								CHECK 138728 TOTAL:	1,500.00
138729	11/17/2021	PRTD	2050	VALLEY METRO OFFICIALS LLC	103021	10/30/2021	22200690	111721AP	1,200.00
				1,200.00 10004156 520014 Contract Instruc - Sports					
				VALLEY METRO OFFICIALS LLC	110121	11/01/2021	22200690	111721AP	3,130.00
				3,130.00 10004156 520014 Contract Instruc - Sports					
				VALLEY METRO OFFICIALS LLC	1113	11/13/2021	22200690	111721AP	1,000.00
				1,000.00 10004156 520014 Contract Instruc - Sports					
								CHECK 138729 TOTAL:	5,330.00
138730	11/17/2021	PRTD	5418	VFW AUXILIARY BUCKEYE 12098	2021 Halloween VFW	11/10/2021		111721AP	369.50
				369.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138730 TOTAL:	369.50
138731	11/17/2021	PRTD	6917	VILLAGE COMMUNITY AND RECREATION	2021 Halloween Villa	11/10/2021		111721AP	199.50
				199.50 30584160 521502 Program Supplies/Equipment					
								CHECK 138731 TOTAL:	199.50
138732	11/17/2021	PRTD	5425	VORTEX INDUSTRIES	20-1548107	10/22/2021	22200193	111721AP	1,101.20
				1,101.20 10003172 520525 Hardware Maintenance					

CASH ACCOUNT: 9999 104000 Cash in Bank - Checking

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	INVOICE	INV DATE	PO	CHECK	NET
								CHECK 138732 TOTAL:	1,101.20
138733	11/17/2021	PRTD	2071	W.W. GRAINGER, INC	9024915853	08/17/2021	22200246	111721AP	123.88
					123.88 40013224 520543 WW R&M				
				W.W. GRAINGER, INC	9113789532	11/08/2021	22200230	111721AP	81.49
					81.49 40003231 521512 Parts/Materials				
								CHECK 138733 TOTAL:	205.37
138734	11/17/2021	PRTD	5919	WEST-MEC HIGH SCHOOL	2021 Halloween West	11/10/2021		111721AP	704.50
					704.50 30584160 521502 Program Supplies/Equipment				
				WEST-MEC HIGH SCHOOL	2021 Halloween WMAD	11/10/2021		111721AP	351.50
					351.50 30584160 521502 Program Supplies/Equipment				
				WEST-MEC HIGH SCHOOL	2021 Halloween WM Ph	11/10/2021		111721AP	388.00
					388.00 30584160 521502 Program Supplies/Equipment				
				WEST-MEC HIGH SCHOOL	2021 Halloween WM Ve	11/10/2021		111721AP	35.50
					35.50 30584160 521502 Program Supplies/Equipment				
								CHECK 138734 TOTAL:	1,479.50
					NUMBER OF CHECKS 84			*** CASH ACCOUNT TOTAL ***	517,497.11

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	84	517,497.11

*** GRAND TOTAL *** 517,497.11

JOURNAL ENTRIES TO BE CREATED

CLERK: acruz

YEAR PER JNL SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2022 5 622									
APP 1000-201000					Accounts Payable			126,967.98	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 9999-104000					Cash in Bank - Checking				517,497.11
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 3058-201000					Accounts Payable			31,858.50	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 3575-201000					Accounts Payable			1,798.95	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 4001-201000					Accounts Payable			28,819.54	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 4000-201000					Accounts Payable			44,790.89	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 3810-201000					Accounts Payable			264,938.35	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 4005-201000					Accounts Payable			1,302.84	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
APP 5021-201000					Accounts Payable			17,020.06	
11/17/2021	111721AP	AP1117			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			517,497.11	517,497.11
APP 9999-201010					DT DF			517,497.11	
11/17/2021	111721AP	AP1117							
APP 1000-101010					Pooled Cash Equity				126,967.98
11/17/2021	111721AP	AP1117							
APP 3058-101010					Pooled Cash Equity				31,858.50
11/17/2021	111721AP	AP1117							
APP 3575-101010					Pooled Cash Equity				1,798.95
11/17/2021	111721AP	AP1117							
APP 4001-101010					Pooled Cash Equity				28,819.54
11/17/2021	111721AP	AP1117							
APP 4000-101010					Pooled Cash Equity				44,790.89
11/17/2021	111721AP	AP1117							
APP 3810-101010					Pooled Cash Equity				264,938.35
11/17/2021	111721AP	AP1117							
APP 4005-101010					Pooled Cash Equity				1,302.84
11/17/2021	111721AP	AP1117							
APP 5021-101010					Pooled Cash Equity				17,020.06
11/17/2021	111721AP	AP1117							
					SYSTEM GENERATED ENTRIES TOTAL			517,497.11	517,497.11
					JOURNAL 2022/05/622 TOTAL			1,034,994.22	1,034,994.22

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR	PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
1000 General Fund	2022	5	622	11/17/2021			
1000-101010				Pooled Cash Equity			126,967.98
1000-201000				Accounts Payable		126,967.98	
					FUND TOTAL	126,967.98	126,967.98
3058 Comm Services Programs	2022	5	622	11/17/2021			
3058-101010				Pooled Cash Equity			31,858.50
3058-201000				Accounts Payable		31,858.50	
					FUND TOTAL	31,858.50	31,858.50
3575 Area Agency on Aging	2022	5	622	11/17/2021			
3575-101010				Pooled Cash Equity			1,798.95
3575-201000				Accounts Payable		1,798.95	
					FUND TOTAL	1,798.95	1,798.95
3810 Highway User Revenue Fund	2022	5	622	11/17/2021			
3810-101010				Pooled Cash Equity			264,938.35
3810-201000				Accounts Payable		264,938.35	
					FUND TOTAL	264,938.35	264,938.35
4000 Water Utility Fund	2022	5	622	11/17/2021			
4000-101010				Pooled Cash Equity			44,790.89
4000-201000				Accounts Payable		44,790.89	
					FUND TOTAL	44,790.89	44,790.89
4001 Wastewater Fund	2022	5	622	11/17/2021			
4001-101010				Pooled Cash Equity			28,819.54
4001-201000				Accounts Payable		28,819.54	
					FUND TOTAL	28,819.54	28,819.54
4005 Environmental Services	2022	5	622	11/17/2021			
4005-101010				Pooled Cash Equity			1,302.84
4005-201000				Accounts Payable		1,302.84	
					FUND TOTAL	1,302.84	1,302.84
5021 CIP General	2022	5	622	11/17/2021			
5021-101010				Pooled Cash Equity			17,020.06
5021-201000				Accounts Payable		17,020.06	
					FUND TOTAL	17,020.06	17,020.06
9999 Pooled Cash	2022	5	622	11/17/2021			

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
9999-104000				Cash in Bank - Checking		517,497.11
9999-201010				DT DF	517,497.11	
				FUND TOTAL	517,497.11	517,497.11

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
1000	General Fund		126,967.98
3058	Comm Services Programs		31,858.50
3575	Area Agency on Aging		1,798.95
3810	Highway User Revenue Fund		264,938.35
4000	Water Utility Fund		44,790.89
4001	Wastewater Fund		28,819.54
4005	Environmental Services		1,302.84
5021	CIP General		17,020.06
9999	Pooled Cash	517,497.11	
	TOTAL	517,497.11	517,497.11

** END OF REPORT - Generated by Anacelia Cruz **

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.A. Resolution No. 88-21. Intent to expand of Street Lighting Improvement District No. 2021-SLID-003 - Jackrabbit Crossing
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 6
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 88-21 enlarging City of Buckeye Street Lighting Improvement District No. 2021-SLID-003 and ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund.

BENEFITS:
Both SLIDS and Maintenance Improvement Districts (MIDSs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents /owners of a particular development without an undue burden upon the existing community. SLIDS ensure that only owners that have benefit from the lighting in their community pay for that service. Having the costs of street and public park lighting within a SLID borne by the owners in a development ensures that the revenue needed to fund these costs is always in place.

FUTURE ACTION:
A budget and further Council action will take place at the beginning of the next fiscal year to implement this District.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY22/23

FUND/DEPARTMENT:
SLIDs

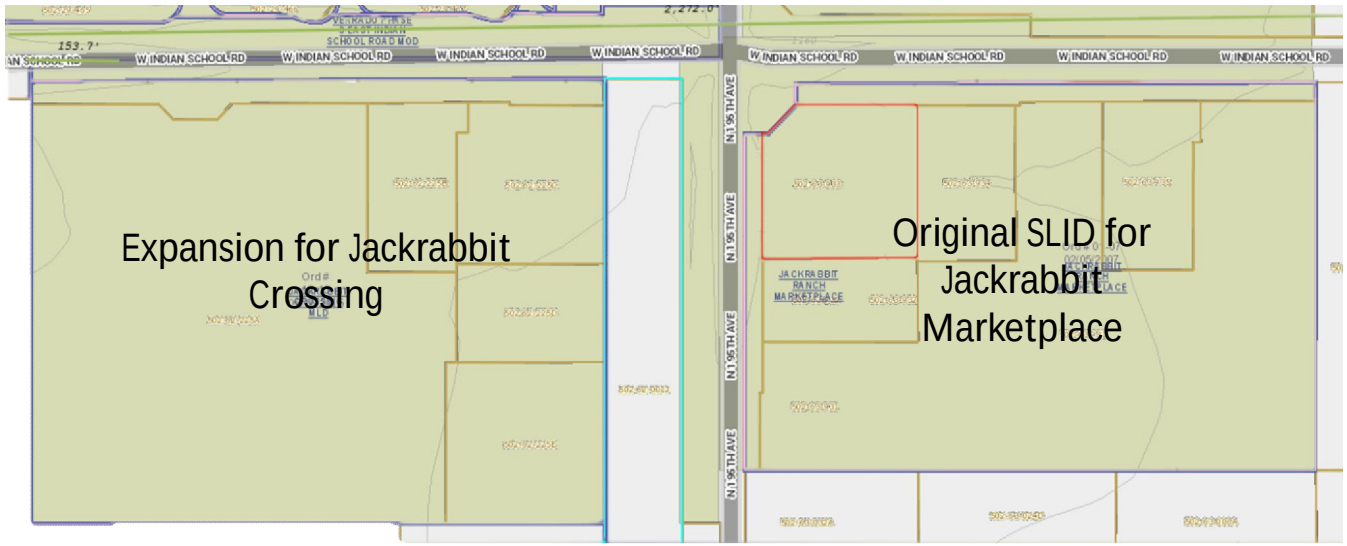
Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:

Jackrabbit expansion map.pptx
Jackrabbit Crossing SLID Petition, Waiver and Consent
RES 88-21 - Jackrabbit Crossing Expansion.pdf

2021-SLID-003

Jackrabbit Ranch Marketplace
District 6



When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO INCLUSION OF ADDITIONAL LAND WITHIN AN EXISTING STREET LIGHTING IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

JACKRABBIT CROSSING
ANNEXATION TO 2021-SLID-003

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned property owner (the "*Petitioner*") respectfully petitions the City Council of the City of Buckeye, Arizona ("*City Council*") to order the enlargement of the existing City of Buckeye Street Lighting Improvement District No. 2021-SLID-003 (the "*District*") under the Improvement District Law. In support of this Petition, Waiver and Consent to Inclusion of Additional Land within an Existing Street Lighting Improvement District by the City of Buckeye (this "*Petition*"), the Petitioner agrees to waive certain rights under the Improvement District Law and hereby consents to the annexation and inclusion of the land shown on *Exhibits A*, *B*, and *C* to be annexed into the District.

1. Area to be Added to District. The property comprising the proposed additions to the existing District is described by a legal description, Assessor's parcel numbers and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*, attached hereto and incorporated herein by this reference. The proposed enlarged District consists of an aggregate of 17.5193 acres and is entirely within the corporate boundaries of the City of Buckeye, Arizona (the "*City*"). The Petitioner respectfully requests that the land shown on *Exhibits A*, *B* and *C* be annexed into and become included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description or Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

2. Authority. The Petitioner is the sole owner of all non-public real property within the area proposed to be annexed to the District.

3. Purpose. The District was formed solely for the purchase of energy for lighting the streets and public parks within and adjacent to the District.

4. Public Convenience and Necessity. The necessity for the enlargement of the District is the purchase of energy for lighting the streets and public parks within the proposed

enlarged District by the levying of an annual ad valorem tax or by an equal apportionment of taxes upon all of the non-public real property of the District as provided in A.R.S. § 48-616(C).

5. Payment of Costs by Petitioner. The Petitioner agrees to pay the costs and expenses of operation, repair and energy for street lighting within and surrounding the proposed addition to the District that operate prior to July 1, 2022, because the District will not be able to levy taxes for such expenses of the area added to the District prior to the City's fiscal year 2022/2023. Tax collections of taxes levied on the addition to be annexed to the District will not be posted to the City until on or about July 1, 2022 and the City does not expect to receive taxes from the property described in *Exhibits A*, *B* and *C* before November 1, 2022.

6. Reimbursement. The Petitioner agrees to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the enlargement of the District.

7. Expansion of or Annexation to the District. The Petitioner waives any objections to, or protest against, future enlargement or enlargements of the District and also waives all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries; the Petitioner further waives any objection to, or protest against, the consolidation of the District with any other similar district or districts.

8. Waiver and Consent. The Petitioner, with full knowledge of its rights being waived hereunder, hereby expressly waives:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that resulted in or will result in the adoption of the Resolution(s) of Intention, the Resolution Forming the District, and the Resolution(s) Enlarging the District, or any Notices pertaining thereto;

b) Any necessity for publication, posting, or mailing of the Resolution(s) Enlarging the District, Notices of Proposed Improvements, or Notices described in A.R.S. §§ 48-574(J) and 48-616(M);

c) All protest rights whatsoever under A.R.S. §§ 48-579(A)-(B) and 48-616(M), which provide for protests against the work or objections to the extent of the enlargement of the District; and

d) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the District or within the property comprising the proposed additions to the District.

9. Fees. The Petitioner has paid, or will pay, any and all District application fees.

10. Equal Apportionment. The Petitioner hereby petitions the City Council to equally apportion the District's annual taxes based on the number and classifications of properties within the proposed enlarged District pursuant to A.R.S. § 48-616(J).

11. Waiver. This Petition shall also be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the proposed addition to the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

12. Public Benefit. The purchase of energy to operate street lighting improvements within the area to be annexed is of more than local or ordinary public benefit.

13. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioner who hereafter own or have an interest in the property described in *Exhibits A*, *B* and *C* attached hereto.

14. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

[Remainder of Page Intentionally Left Blank]

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has executed this Petition as of the 16TH day of NOVEMBER, 2021.

PETITIONER

Circle Road Capital LLC
(Name)

5134 N. CENTRAL SUITE 200 PHX AZ 85012
(Mailing Address)

David L. Bruner, Manager

PROPERTY: See attached Exhibits A, B and C

VERIFICATION

I, DAVID BRUNER, after being first duly sworn upon his oath, deposes and states:

That I am the MANAGER of the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, and I know the contents thereof to be true.

DATED this 16TH day of NOVEMBER, 2021.

SUBSCRIBED AND SWORN TO by David Bruner before me, the undersigned notary public, this 16th day of November, 2021.

Notary Public

(Seal and Expiration Date)

CELENA TICE
Notary Public - Arizona
Maricopa County
Commission # 591478
My Comm. Expires Oct 17, 2024

RECEIPT this 17th day of November, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

Lucinda J. Aja, City Clerk

SBS:sbm 4291606.1 11/04/2021

EXHIBIT "A"

LEGAL DESCRIPTION
Jackrabbit Trail and Indian School Road
Street Light Improvement District No. 2021-SLID-003 (Expansion Area)

Lots 1 through 5, Jackrabbit Crossing, recorded in Book 1602, page 25, Maricopa County Records (MCR) and portions of public right-of-way lying within the northeast quarter of Section 29, Township 2 North, Range 2 West, of the Gila and Salt River Meridian, Maricopa County, Arizona, secondarily described as follows:

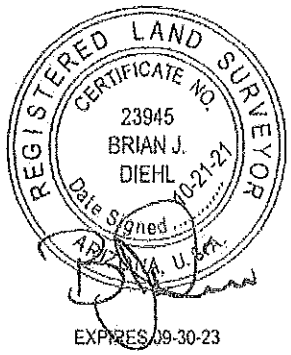
BEGINNING at the northeast corner of said Section 29, a 3-inch Maricopa County Department of Transportation (MCDOT) brass cap in handhole, from which the north quarter corner of said section, a 3-inch MCDOT brass cap flush, bears North 89°54'17" West (basis of bearing), a distance of 2649.86 feet;
THENCE along the east line of said section, South 00°05'52" West, a distance of 659.75 feet;
THENCE leaving said east line, North 89°54'17" West, a distance of 65.00 feet, to the east line of that certain parcel of land recorded in Document 1994-0519749, MCR;
THENCE along said east line, North 00°05'52" East, a distance of 626.75 feet, to the northeast corner of said certain parcel of land;
THENCE leaving said east line, along the north line of said certain parcel of land, North 89°54'17" West, a distance of 129.00 feet, to the northwest corner of said certain parcel of land and the northeast corner of said Jackrabbit Crossing;
THENCE leaving said north line, along the east line of said Jackrabbit Crossing, South 00°05'52" West, a distance of 712.25 feet, to the southeast corner of said Jackrabbit Crossing;
THENCE leaving said east line, along the south line of said Jackrabbit Crossing, North 89°54'17" West, a distance of 960.75 feet, to the southwest corner of said Jackrabbit Crossing;
THENCE leaving said south line, along the west line of said Jackrabbit Crossing and the northerly prolongation of said west line, North 00°05'52" East, a distance of 745.25 feet, to the north line of said section;

Legal Description
Jackrabbit Trail and Indian School Road
Street Light Improvement
District No. 2021-SLID-003 (Expansion Area)

THENCE leaving said prolongation, along said north line, South 89°54'17" East, a distance of 1154.75 feet, to the **POINT OF BEGINNING**.

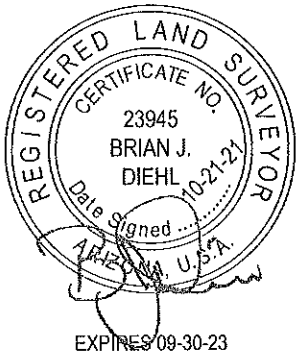
Containing 763,140 square feet or 17.5193 acres, more or less.

This parcel description is based on client provided information and is located within an area surveyed by Wood, Patel & Associates, Inc. during the month of August, 2019. Any monumentation noted in this parcel description is within acceptable tolerance (as defined in Arizona Boundary Survey Minimum Standards dated 02/14/2002) of said positions based on said survey.



ASSESSOR PARCEL NUMBER	OWNER
502-62-225A	CIRCLE ROAD CAPITAL LLC
502-62-225B	CIRCLE ROAD CAPITAL LLC
502-62-225C	CIRCLE ROAD CAPITAL LLC
502-62-225D	CIRCLE ROAD CAPITAL LLC
502-62-225E	CIRCLE ROAD CAPITAL LLC

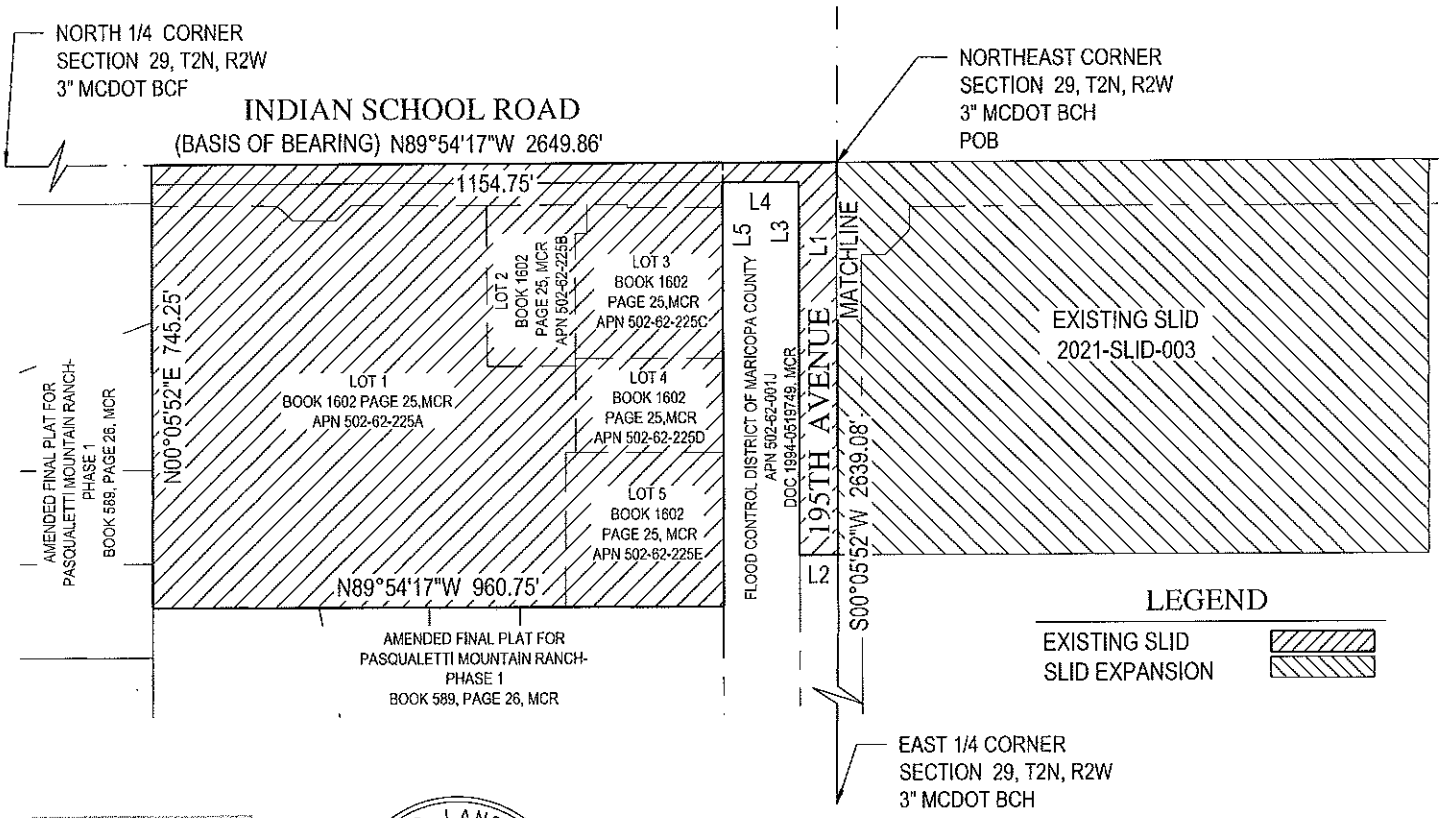
WOOD PATEL



EXPIRES 09-30-23

EXHIBIT "B"

JACKRABBIT TRAIL & INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)



WOOD PATEL

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
23945
BRIAN J.
DIEHL
Date Signed 10-21-21
ARIZONA, U.S.A.
EXPIRES 09-30-23

N

EXHIBIT "C"

JACKRABBIT TRAIL AND INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S00°05'52"W	659.75'
L2	N89°54'17"W	65.00'
L3	N00°05'52"E	626.75'
L4	N89°54'17"W	129.00'
L5	S00°05'52"W	712.25'

WOOD PATEL

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EXHIBIT "C"

JACKRABBIT TRAIL & INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 88-21

RESOLUTION ENLARGING CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2021-SLID-003 AND ORDERING RECORDING AND FILING OF THIS RESOLUTION.

WHEREAS, on September 21, 2021, the Mayor and City Council of the City of Buckeye, Arizona (the "*City*") passed and adopted Resolution No. 60-21 ordering the formation of City of Buckeye Street Lighting Improvement District No. 2021-SLID-003 (the "*District*"), solely for the purpose of purchasing (and not generating) energy for lighting of public streets and parks; and

WHEREAS, the owner of certain property adjoining the District has filed a petition seeking to enlarge the District to include the property described in the attached *Exhibits A*, *B* and *C* (collectively, the "*Annexed Area*"); and

WHEREAS, by this Resolution the City Council of the City will enlarge the District by adding the Annexed Area to the District;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. District Enlargement. The District is enlarged by the addition of the Annexed Area, as shown on *Exhibits A*, *B* and *C* attached hereto and incorporated by reference into this Resolution. The Assessor's parcel numbers shown on *Exhibit B* are for convenience only. If either the legal description or the Assessor's parcel numbers on *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern and be determinative of a parcel's inclusion within, or exclusion from, the District, subject to the restrictions of Section 2 of this Resolution.

Section 2. Excluded Property; Annual Tax. No publicly owned land or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses. The annual tax levied upon the District will remain in full force and effect and will apply to the District as enlarged by this Resolution. The District taxes will continue to be levied based on the number and classification of non-public parcels within the enlarged District, excluding those parcels which are publicly owned or owned by a homeowners' association.

Section 3. Recording and Filing. The City Clerk is ordered and directed to cause a certified copy of this Resolution to be recorded in the office of the Maricopa County Recorder.

The City Clerk is further ordered and directed to file certified copies of this Resolution with the Director of the Arizona Department of Revenue and the Maricopa County Assessor, pursuant to A.R.S. § 42-17257.

Section 4. Extension for Filing. If either the enlargement of the District occurs after November 1 of the year preceding the year in which initial taxes are to be levied, or this Resolution is not filed with both the Arizona Department of Revenue and the Maricopa County Assessor prior to such November 1, the Mayor and City Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Arizona Department of Revenue extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2021.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
City Attorney

Attachments:
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting City Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 88-21 was duly passed by the Mayor and City Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, ____ abstained and ____ were absent and that the Mayor and ___ Council Members were present thereat.

DATED: December 21, 2021.

_____
Lucinda J. Aja, City Clerk

EXHIBIT "A"

LEGAL DESCRIPTION
Jackrabbit Trail and Indian School Road
Street Light Improvement District No. 2021-SLID-003 (Expansion Area)

Lots 1 through 5, Jackrabbit Crossing, recorded in Book 1602, page 25, Maricopa County Records (MCR) and portions of public right-of-way lying within the northeast quarter of Section 29, Township 2 North, Range 2 West, of the Gila and Salt River Meridian, Maricopa County, Arizona, secondarily described as follows:

BEGINNING at the northeast corner of said Section 29, a 3-inch Maricopa County Department of Transportation (MCDOT) brass cap in handhole, from which the north quarter corner of said section, a 3-inch MCDOT brass cap flush, bears North 89°54'17" West (basis of bearing), a distance of 2649.86 feet;
THENCE along the east line of said section, South 00°05'52" West, a distance of 659.75 feet;
THENCE leaving said east line, North 89°54'17" West, a distance of 65.00 feet, to the east line of that certain parcel of land recorded in Document 1994-0519749, MCR;
THENCE along said east line, North 00°05'52" East, a distance of 626.75 feet, to the northeast corner of said certain parcel of land;
THENCE leaving said east line, along the north line of said certain parcel of land, North 89°54'17" West, a distance of 129.00 feet, to the northwest corner of said certain parcel of land and the northeast corner of said Jackrabbit Crossing;
THENCE leaving said north line, along the east line of said Jackrabbit Crossing, South 00°05'52" West, a distance of 712.25 feet, to the southeast corner of said Jackrabbit Crossing;
THENCE leaving said east line, along the south line of said Jackrabbit Crossing, North 89°54'17" West, a distance of 960.75 feet, to the southwest corner of said Jackrabbit Crossing;
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Legal Description
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Street Light Improvement
District No. 2021-SLID-003 (Expansion Area)

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Containing 763,140 square feet or 17.5193 acres, more or less.

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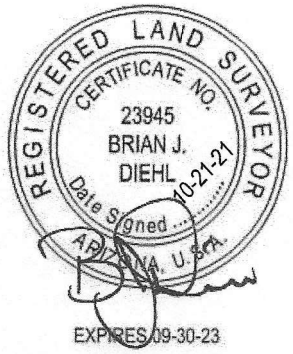

ASSESSOR PARCEL NUMBER	OWNER
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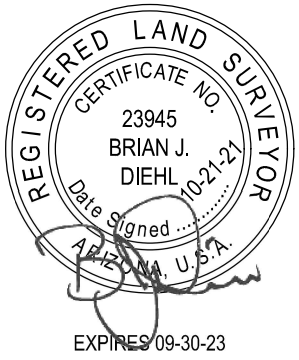
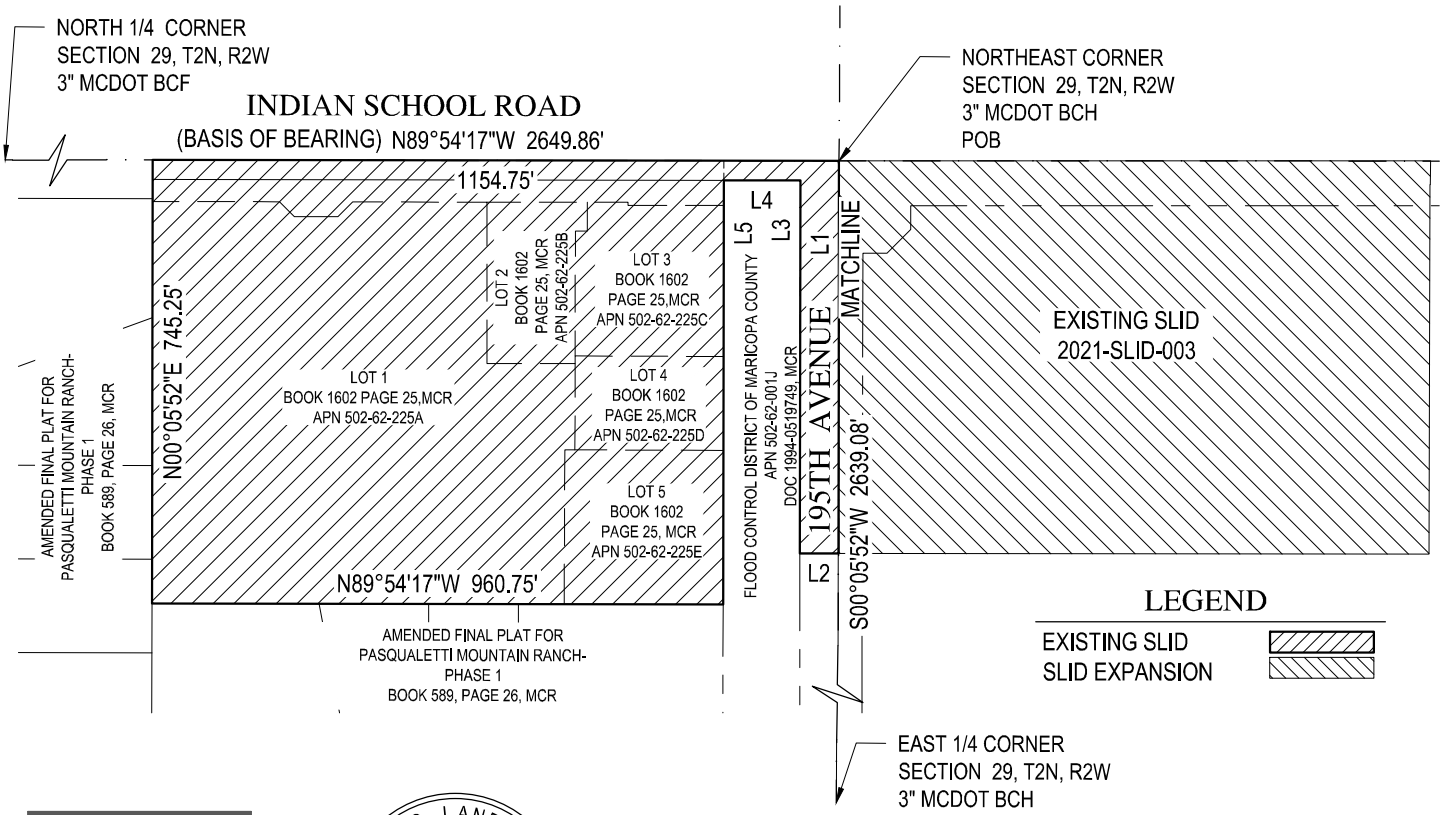
WOOD PATEL



EXPIRES 09-30-23

EXHIBIT "B"

JACKRABBIT TRAIL & INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)



WOOD PATEL

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
23945
BRIAN J.
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Date Signed 10-21-21
ARIZONA, U.S.A.
EXPIRES 09-30-23

N

EXHIBIT "C"

JACKRABBIT TRAIL AND INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)

LINE TABLE		
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Date Signed .....
ARIZONA, U.S.A.
EXPIRES 09-30-23

EXHIBIT "C"

JACKRABBIT TRAIL & INDIAN SCHOOL ROAD
STREET LIGHT IMPROVEMENT DISTRICT NO. 2021-SLID-003
(EXPANSION AREA)

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.B. Resolution No. 90-21 - Bentridge Intent to form a Street Lighting Improvement District No. 2020-SLID-004
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 3
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 90-21 accepting a Petition for formation of a Street Lighting Improvement District; declaring its intention to form a Street Lighting Improvement District; designating such District as "City of Buckeye, Street Lighting Improvement District No. 2020-SLID-004"; providing for the annual levy of taxes or assessments equally apportioned upon all of the non-public property owners in the District to purchase energy for the lighting of public streets and parks within and adjacent to the District; and ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund.

BENEFITS:
Both SLIDS and Maintenance Improvement Districts (MIDSs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents/owners of a particular development without an undue burden upon the existing community. SLIDS ensure that only owners that have benefit from the lighting in their community pay for that sere. Having the costs of street and public park lighting within a SLID borne by the owners in a development ensures that the revenue needed to fund these costs is always in place.

FUTURE ACTION:
A budget and further Council action will take place at the beginning of the next fiscal year to implement this District.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY 23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
Petition, Waiver and Consent Bentridge 2020-SLID-004.pdf
RES 90-21 - Intent to Form 2020-SLID-004 (Bentridge).pdf
Bentridge SLID Location Map.pdf

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A STREET LIGHTING IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

BENTRIDGE
2020-SLID-004

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned non-public real property owner (the "*Petitioner*") within the City of Buckeye, Arizona (the "*City*"), respectfully petitions the Mayor and City Council (the "*City Council*") of the City to order the formation of a street lighting improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Street Lighting Improvement District by the City of Buckeye (this "*Petition*"), the Petitioner agrees to waive certain rights under the Improvement District Law and hereby consents to the formation of a street lighting improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioner hereby requests the proposed district to be named the "City of Buckeye Street Lighting Improvement District No. 2020-SLID-004" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. Such property is entirely within the corporate boundaries of the City. The Petitioner respectfully requests that the property shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioner is the sole owner of all non-public, non-exempt real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of purchasing, and not generating, energy for street and public park lighting.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or equal apportionment of taxes upon all of the non-public real property within the District as provided in A.R.S. § 48-616(C).

6. Fees and Reimbursement. The Petitioner has paid all application fees for the formation of the District and further agrees to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Expansion of or Annexation to the District. The Petitioner waives any objection to, or protest against, any future enlargement or enlargements of the District and also waives all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioner further waives any objection to, or protest against, the consolidation of the District with any other similar district or districts.

8. Waiver and Consent. The Petitioner, with full knowledge of its rights being waived hereunder, hereby expressly waives:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing, or recording of any resolution(s) of intention, resolution(s) ordering work, resolution(s) enlarging the District, or notices of proposed improvements as described in A.R.S. §§ 48-578 and 48-581;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all of which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the proposed boundaries of the District.

9. Equal Apportionment. The Petitioner hereby petitions the City Council to equally apportion the District's annual taxes based on the number and classification of properties within the District pursuant to A.R.S. § 48-616(J). The Petitioner further requests that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District.

10. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

11. Public Benefit. The purchasing of energy to operate street lighting improvements within the District is of more than local or ordinary public benefit and should be charged against the property within the District, all of which will benefit thereby.

12. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioner who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

13. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

The Petitioner hereby requests the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

IN WITNESS WHEREOF, the undersigned representative of the Petitioner has executed this Petition as of the date shown below.

[Signature Page to Follow]

LS-BENTRIDGE LLC,
a Delaware limited liability company

By: LANDSEA HOMES-WAB LLC,
a Delaware limited liability company,
Its: Manager

By: _____
Kaylee Smith, Division President

Date: 11/5/21

STATE OF _____)
) ss.
COUNTY OF _____)

On this 5th day of November, 2021, before me personally appeared Kaylee Smith, the Division President of Landsea Homes-WAB LLC, a Delaware limited liability company, the Manager of LS-Bentridge LLC, a Delaware limited liability company whose identity was proven to me on the basis of satisfactory evidence to be the person who she claims to be, and acknowledged that she signed the Petition on behalf of LS-Bentridge LLC, a Delaware limited liability company.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the foregoing paragraph is true and correct.

SARA ANDREWS
Notary Public - Arizona
Maricopa County
Commission # 558898
My Comm. Expires Dec 31, 2022

_____
Notary Public in and for the State of Arizona

(Seal and Expiration Date)

RECEIPT this 12th day of November, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____
Lucinda J. Aja, City Clerk

SBS:sbm 4289174.1 11/02/2021

EXHIBIT A
CITY OF BUCKEYE STREET LIGHT IMPROVEMENT DISTRICT
NO. 2020-SLID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.

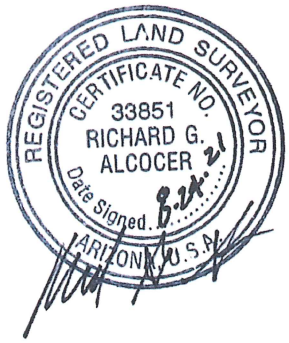

Exhibit B
Street Lighting Improvement District No. 2020-SLID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
504-22-038D	LS-Bentridge LLC	1
	LS-Bentridge LLC	2
	LS-Bentridge LLC	3
	LS-Bentridge LLC	4
	LS-Bentridge LLC	5
	LS-Bentridge LLC	6
	LS-Bentridge LLC	7
	LS-Bentridge LLC	8
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
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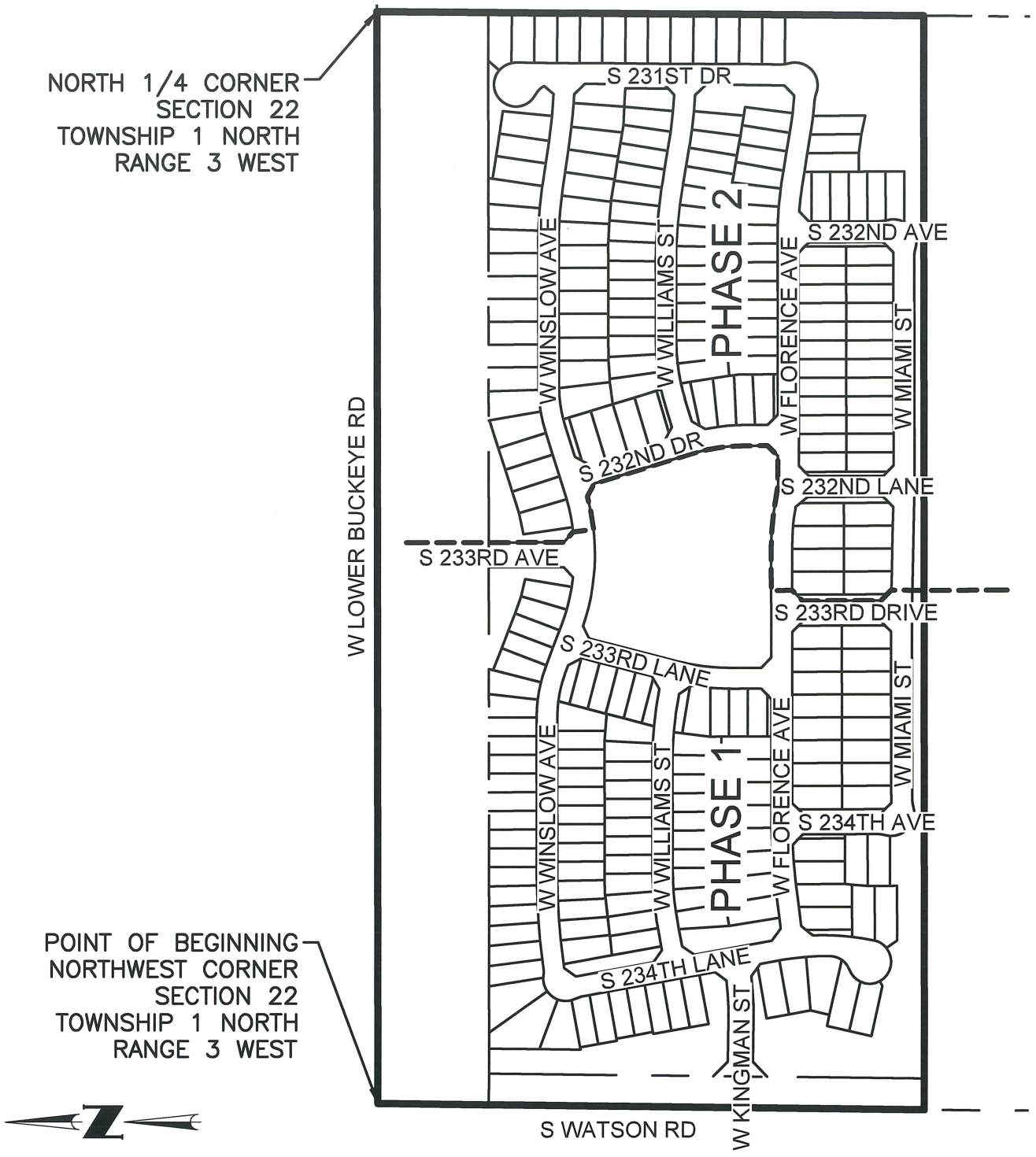

SCALE 1" = 350'	EXHIBIT C STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 90-21

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ACCEPTING A PETITION FOR FORMATION OF A STREET LIGHTING IMPROVEMENT DISTRICT; DECLARING ITS INTENTION TO FORM A STREET LIGHTING IMPROVEMENT DISTRICT; DESIGNATING SUCH DISTRICT AS THE "CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004"; PROVIDING FOR THE ANNUAL LEVY OF TAXES OR ASSESSMENTS EQUALLY APPORTIONED UPON ALL OF THE NON-PUBLIC PROPERTY OWNERS IN THE DISTRICT TO PURCHASE ENERGY FOR THE LIGHTING OF PUBLIC STREETS AND PARKS WITHIN AND ADJACENT TO THE DISTRICT; AND ORDERING RECORDING AND FILING OF THIS RESOLUTION.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Acceptance and Findings. A Petition for the formation of the City of Buckeye Street Lighting Improvement District No. 2020-SLID-004 to purchase (and not generate) energy for street and public park lighting within the District and streets adjacent thereto has been filed with the Clerk and presented to the Governing Body of the City. The Petition is accepted. The Petition purports to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders. After verification of such ownership, the Governing Body finds that the Petition was signed by all of the real property owners in the proposed District, exclusive of mortgagees and other lienholders or the owners of any Public Property.

Section 2. Definitions. In this Resolution, the following terms shall have the following meanings:

"*APS*" shall mean the Arizona Public Service Company.

"*City*" shall mean the City of Buckeye, Arizona.

"*Clerk*" shall mean the Clerk of the City, located at 530 East Monroe Avenue, Buckeye, Arizona 85326.

"*Director*" shall mean the Director of the Arizona Department of Revenue.

"*District*" shall mean the City of Buckeye Street Lighting Improvement District No. 2020-SLID-004, as described by the legal description, Assessor's parcel numbers, and map in *Exhibits A*, *B* and *C* attached hereto and incorporated by reference herein.

"*Governing Body*" shall mean the Mayor and City Council of the City.

"*Incidental Expenses*" shall mean the costs of posting, publication, mailing, recording, engineering and legal fees with respect to the formation of the District and the annual levy of taxes.

"*Petition*" shall mean the Petition, Waiver, and Consent to Formation of a Street Lighting Improvement District by the City of Buckeye, requesting formation of the District, on file in the Clerk's office.

"*Public Property*" shall mean any lot or parcel belonging to the United States; the state of Arizona (the "*State*"); any county, city, town, school district or political subdivision; or any institution of the State or county that is physically located within the District, including without limitation any public street, avenue, alley or public easement located within the District hereinafter dedicated to public use.

"*Street Lighting System*" shall mean all publicly owned street and traffic lights and all wire, apparatus and other facilities now in place or hereafter constructed or acquired for the lighting of public streets and parks within the District and on streets adjacent to the District.

"*Work*" shall mean the purchasing of energy for the operation of the Street Lighting System.

Section 3. Declaration of Intention to Order Formation of the District. The public interest and convenience require, and it is the intention of the Governing Body to order, the Work through formation of the District pursuant to A.R.S. Title 48, Chapter 4, Article 2. The District's sole purpose shall be the purchase, not generation, of energy to operate the Street Lighting System, including as it is hereafter modified or enlarged. The District shall encompass the property described on *Exhibits A*, *B*, and *C*, attached hereto. The Assessor's parcel numbers shown on *Exhibit B* are for convenience only. If either *Exhibit A* or *Exhibit B* or both conflict with *Exhibit C*, *Exhibit C* shall govern and be determinative of a parcel's inclusion within, or exclusion from, the District, subject to the restrictions of Section 5 of this Resolution. For purposes of this Resolution and of all resolutions, ordinances and notices pertaining hereto, the District shall be known as and is hereby designated as "City of Buckeye Street Lighting Improvement District No. 2020-SLID-004".

Section 4. Statutory Authority; Payment of Incidental Expenses. All proceedings pertaining to the District shall be done under and as authorized by A.R.S. Title 48, Chapter 4, Article 2, and all amendments thereto including, without limitation, A.R.S. §§ 48-616 and -617. All Incidental Expenses shall become the obligation of the District.

Section 5. Excluded Property. No Public Property or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses.

Additionally, any public streets, avenues, alleys, or public easements hereafter dedicated to public use shall become exempt after such dedication.

Section 6. Protests and Objections to Extent of District. In the Petition, the signer has made written consents and waivers pertaining to the ordering of the Work and to the formation of the District and has specifically waived all protests against formation of, and objections to, the extent of the District. City staff has verified that all non-public real property owners within the District have signed the Petition, and the Governing Body finds as a fact that all non-public property owners within the District have signed such Petition. Therefore, pursuant to A.R.S. § 48-617(A), no publication, mailing or posting of any notice pertaining to formation of the District will be made.

Section 7. Engineer's Estimate, Plans and Specifications. As financing for the acquisition and construction of the initial Street Lighting System has been, or will be, provided, the District's sole purpose will be to purchase, and not generate, energy to operate the Street Lighting System. No engineer's estimate, plans, or specifications have been filed with the Clerk. In the Petition, all owners of land within the District specifically waived the filing of an engineer's estimate, plans, or specifications.

Section 8. Determination of Type of Lighting and Consideration of the Rate to be Paid. The type of lighting shall be the type now in place within the District, to be operated nightly from dusk to dawn, or such other lighting facilities as may be acquired in the future by the City or some other entity for use within the District. The District's costs and expenses of purchasing energy for the operation of the Street Lighting System are subject to change due to inflation, new construction, new technology, updated APS rate schedules as approved by the Arizona Corporation Commission, updated APS or City specifications as approved by the City Engineer, or acquisition of additional portions of the Street Lighting System.

Section 9. Recordation. A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder within ten (10) days of its adoption to give notice of formation of the District, as required by A.R.S. § 48-574(M).

Section 10. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial assessments are to be levied, or the resolution ordering the Work is not filed with both the Arizona Department of Revenue and the Maricopa County Assessor prior to such November 1, the Mayor and Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Arizona Department of Revenue extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2021.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

Eric W. Orsborn, Mayor

ATTEST:

Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

City Attorney

Attachments
Exhibit A – Legal Description
Exhibit B – Assessor's Parcel Numbers and Owners' Names
Exhibit C – Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 90-21 was duly passed by the Mayor and Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, ____ abstained and ____ were absent and that the Mayor and ___ Council Members were present thereat.

DATED: December 21, 2021.

Lucinda J. Aja, City Clerk

EXHIBIT A
CITY OF BUCKEYE STREET LIGHT IMPROVEMENT DISTRICT
NO. 2020-SLID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.



Exhibit B
Street Lighting Improvement District No. 2020-SLID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
504-22-038D	LS-Bentridge LLC	1
	LS-Bentridge LLC	2
	LS-Bentridge LLC	3
	LS-Bentridge LLC	4
	LS-Bentridge LLC	5
	LS-Bentridge LLC	6
	LS-Bentridge LLC	7
	LS-Bentridge LLC	8
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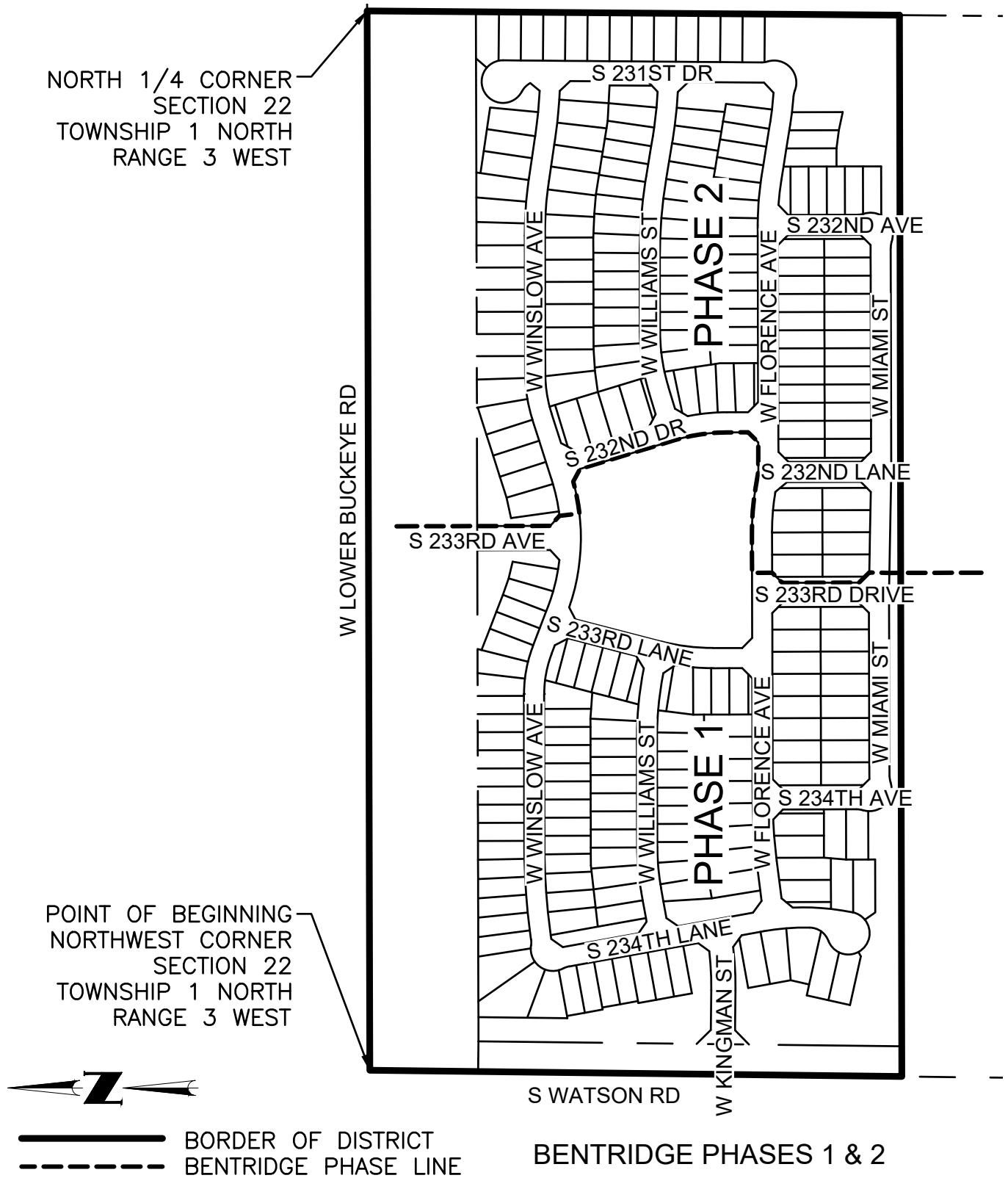
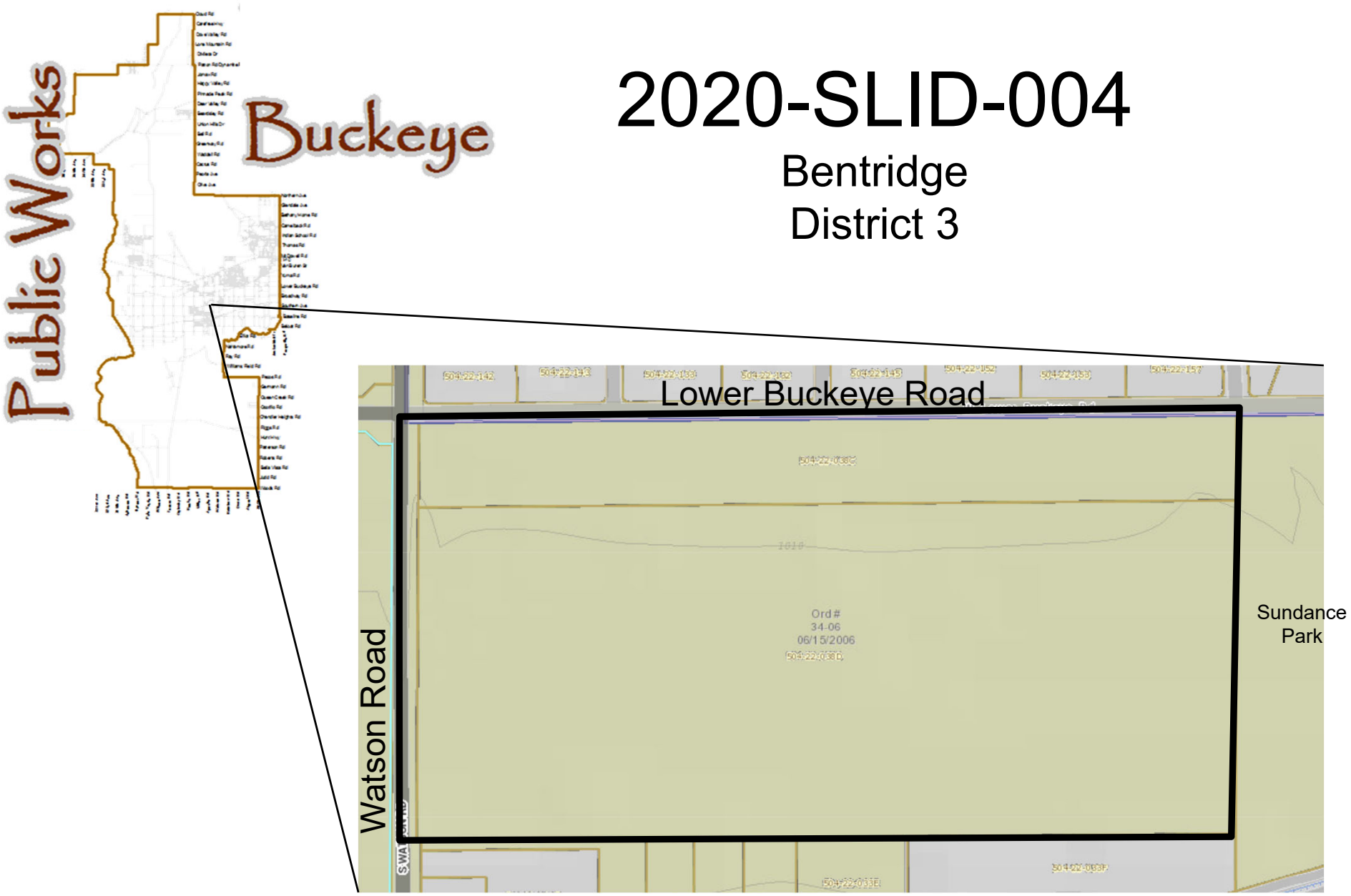


SCALE 1" = 350'	EXHIBIT C STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

2020-SLID-004

Bentridge
District 3



BUCKEYE, AZ

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.C. Resolution 91-21 - Bentridge Intent to form Maintenance Improvement District No. 2020-MID-004
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 3
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 91-21 accepting a Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye; declaring the intention to form a Maintenance Improvement District; designating such District as "City of Buckeye Maintenance Improvement District No. 2020-MID-004"; and providing for the annual levy of taxes or an annual assessment against the lots within the District in proportion to the benefits received.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Both SLIDs and MIDs provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for residents/owners of a particular development without an undue burden upon the existing community. Maintenance Improvement Districts (MIDs) are responsible for maintaining parkways and parking on streets within the District.

BENEFITS:
Having the costs of parkways and parking assessed against the land within the development and not borne by the City, MIDs provide assurance for the City that should a development's owners become unable to maintain the rights-of-ways that they are responsible for, that the City, when assuming these responsibilities, will have the revenues in place to defer the cost.

FUTURE ACTION:
A budget and further Council action will take place at the beginning of the next fiscal year to implement this District.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:

N/A

BUDGETED:
No

FISCAL YEAR:
FY 23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
Petition, Waiver and Consent Bentridge 2020-MID-004.pdf
RES 91-21 - Intent to Form 2020-MID-004 (Bentridge).pdf
Bentridge MID Location Map.pdf

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

BENTRIDGE
2020-MID-004

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned non-public real property owner (the "*Petitioner*") respectfully petitions the Mayor and City Council (the "*City Council*") of the City of Buckeye, Arizona (the "*City*") to order the formation of a residential municipal maintenance improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye (this "*Petition*"), the Petitioner agrees to waive certain rights under the Improvement District Law and hereby consents to the formation of a residential municipal maintenance improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioner hereby requests the proposed district to be named the "City of Buckeye Maintenance Improvement District No. 2020-MID-004" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. The proposed District consists of an aggregate of 79.849 acres which are entirely within the corporate boundaries of the City. The Petitioner respectfully requests that the land shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioner is the sole owner of all non-public, non-exempt real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of providing for operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins. To enhance such purposes the Petitioner grants to the City the public use of all such parkings, parkways, retention basins and detention basins and access thereto across the Petitioner's property to carry out all District purposes.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or annual special assessment upon all of the non-public real property within the District.

6. Fees and Reimbursement. The Petitioner has paid all application fees for the formation of the District and further agrees to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Document Requirements. The Petitioner has previously submitted the following documents to the City's Public Works Department:

a) Street landscaping layout plans.

b) One 24" x 36" copy of the District diagram showing each lot or parcel.

c) A metes and bounds legal description of the District boundary, accompanied by a list of Assessor's parcel numbers within the proposed District and a map showing the District boundary (with back-up material showing that the boundary closes, as necessary).

The Petitioner or the Petitioner's engineer will submit the following documents to the City's Public Works Department concurrently with the submission of this fully executed Petition:

a) Proof of payment of the District application fees.

b) Two 8-1/2" x 11" recordable copies of a legal description of the District boundary and a map showing the District boundary.

8. Expansion of or Annexation to the District. The Petitioner waives any objection to, or protest against, any future enlargement or enlargements of the District and also waives all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioner further waives any objection to, or protest against, the consolidation of the District with any other similar district or districts.

9. Waiver and Consent. The Petitioner, with full knowledge of its rights being waived hereunder, hereby expressly waives:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing or recording of the resolution of intention and the notice of proposed improvements pursuant to A.R.S. § 48-578;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the proposed boundaries of the District.

10. Expenses. The Petitioner hereby petitions the City Council to provide for the expenses of the District by assessment of the total sum upon the several lots, each respectively in proportion to the benefits to be received by each lot within the District, pursuant to A.R.S. § 48-574(D). The Petitioner further requests that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District. The Petitioner hereby agrees that each non-public parcel within the property proposed to be included in the District receives the same benefits as each other non-public parcel proposed to be included in the District.

11. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

12. Public Benefit. The operation, maintenance, repair and improvements of parkings, parkways, retention basins and detention basins within, adjacent to, or serving the District is of more than local or ordinary public benefit and the costs and expense thereof should be charged against the property within the District, all of which will benefit thereby.

13. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioner who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

14. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

The Petitioner hereby requests the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

IN WITNESS WHEREOF, the undersigned representative of the Petitioner has executed this Petition as of the date shown below.

[Signature Page to Follow]

LS-BENTRIDGE LLC,
a Delaware limited liability company

By: LANDSEA HOMES-WAB LLC,
a Delaware limited liability company,
Its: Manager

By: _____
Kaylee Smith, Division President

Date: 11/5/21

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

On this 5th day of November, 2021, before me personally appeared Kaylee Smith, the Division President of Landsea Homes-WAB LLC, a Delaware limited liability company, the Manager of LS-Bentridge LLC, a Delaware limited liability company whose identity was proven to me on the basis of satisfactory evidence to be the person who she claims to be, and acknowledged that she signed the Petition on behalf of LS-Bentridge LLC, a Delaware limited liability company.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the foregoing paragraph is true and correct.

SARA ANDREWS
Notary Public - Arizona
Maricopa County
Commission # 558898
My Comm. Expires Dec 31, 2022

(Seal and Expiration Date)

Sara Andrews
Notary Public in and for the State of Arizona

RECEIPT this 12th day of November, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____
Lucinda J. Aja, City Clerk

SBS:sbm 4289076.1 11/02/2021

EXHIBIT A
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2020-MID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.

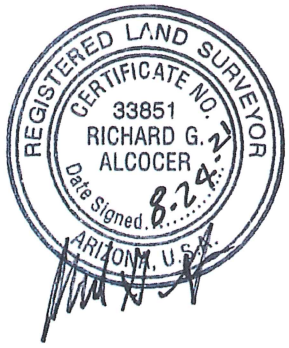


Exhibit B
Maintenance Improvement District No. 2020-MID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
504-22-038D	LS-Bentridge LLC	1
	LS-Bentridge LLC	2
	LS-Bentridge LLC	3
	LS-Bentridge LLC	4
	LS-Bentridge LLC	5
	LS-Bentridge LLC	6
	LS-Bentridge LLC	7
	LS-Bentridge LLC	8
	LS-Bentridge LLC	9
	LS-Bentridge LLC	10
	LS-Bentridge LLC	11
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
	LS-Bentridge LLC	112
	LS-Bentridge LLC	113
	LS-Bentridge LLC	114
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	LS-Bentridge LLC	116
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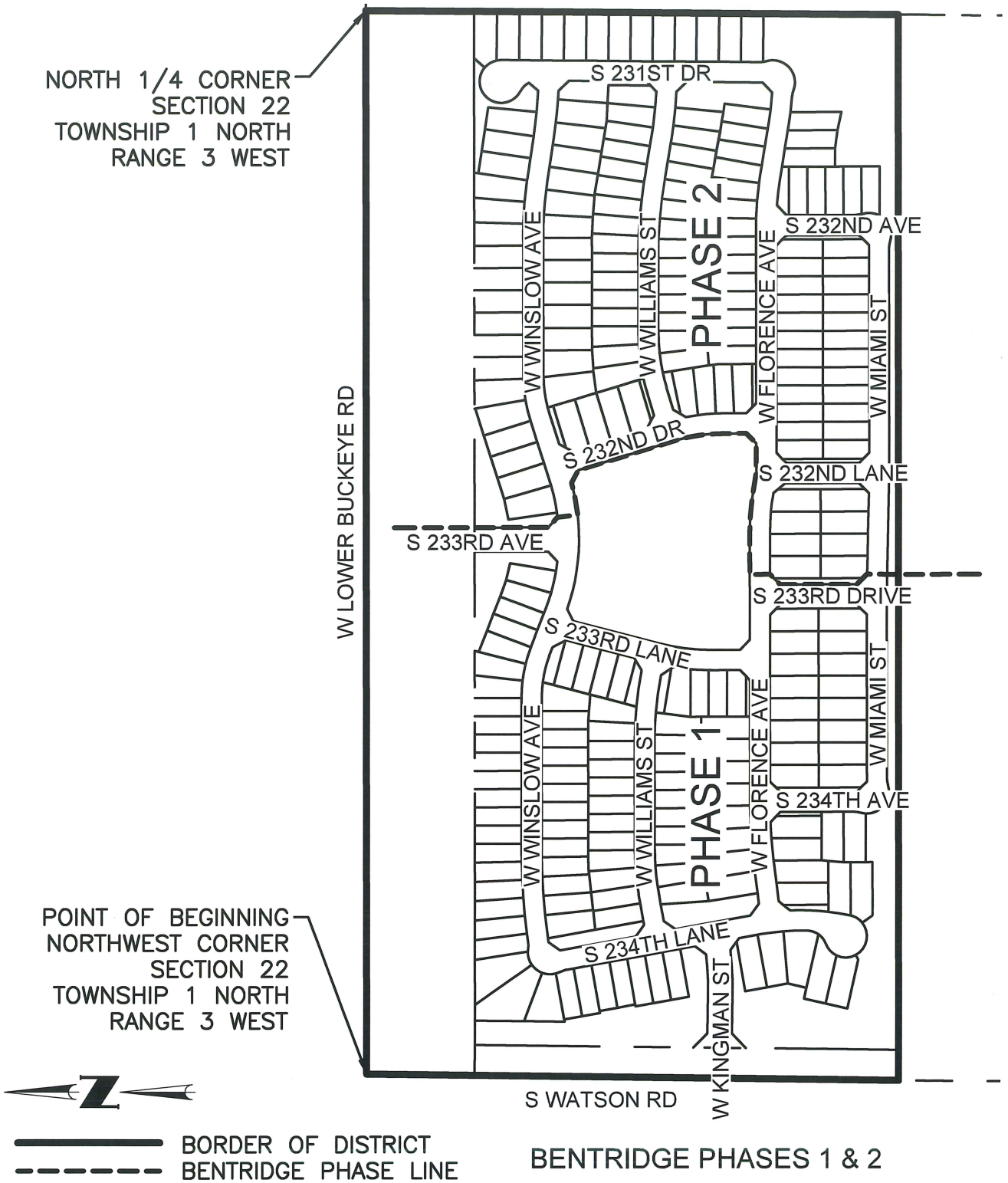

SCALE 1" = 350'	EXHIBIT C MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 91-21

RESOLUTION OF THE COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ACCEPTING A PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE; DECLARING THE INTENTION TO FORM A MAINTENANCE IMPROVEMENT DISTRICT; DESIGNATING SUCH DISTRICT AS "CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004"; AND PROVIDING FOR THE ANNUAL LEVY OF TAXES OR AN ANNUAL ASSESSMENT AGAINST THE LOTS WITHIN THE DISTRICT IN PROPORTION TO THE BENEFITS RECEIVED.

BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Acceptance and Findings. A Petition for the formation of the City of Buckeye Maintenance Improvement District No. 2020-MID-004 to operate, maintain, repair and improve Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins has been filed with the Clerk and presented to the Mayor and Council at the meeting at which this Resolution was adopted. The Petition is accepted. The Petition purports to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders. After verification of such ownership, the Mayor and Council find that the Petition was signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders.

Section 2. Definitions. In this Resolution, the following terms shall have the following meanings:

"*City*" shall mean the City of Buckeye, Arizona.

"*Clerk*" shall mean the Clerk of the City of Buckeye, Arizona located at 530 East Monroe Avenue, Buckeye, Arizona 85326.

"*Detention Basin*" shall mean a flood control structure that captures and diverts stormwater runoff and typically does not retain a permanent pool of water.

"*District*" shall mean the City of Buckeye Maintenance Improvement District No. 2020-MID-004, encompassing the property described in *Exhibits A*, *B*, and *C* attached hereto.

"*Mayor and Council*" shall mean the Mayor and Council of the City.

"*Landscaping*" shall mean trees, plants, grass, ornamental structures, lighting structures and facilities for watering or otherwise maintaining such landscaping that are now in place or hereafter constructed or acquired for beautification of streets within or adjacent to the District.

"*Parking*" shall mean the landscaped public area lying between a sidewalk and the adjacent street.

"*Parkway*" shall mean a street with landscaped sides and/or a landscaped center median and shall also include ornamentation that enhances the beauty of a street.

"*Petition*" shall mean the petition, waiver and consent to formation of a municipal parkway maintenance improvement district by the City on file in the Clerk's office.

"*Public Property*" shall mean any lot or parcel belonging to the United States, the state of Arizona (the "*State*"), any county, city, town, school district or any political subdivision or institution of the State or county that is physically located within the District, including, without limitation any public street, avenue, alley or public easement located within the District hereinafter dedicated to public use.

"*Retention Basin*" shall mean a stormwater control structure that captures and retains stormwater runoff and typically retains a permanent pool of water.

"*Work*" shall mean the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins.

Section 3. Declaration of Intention to Order Formation of the District. The public interest and convenience require and it is the intention of the Mayor and Council to order the Work through formation of the District pursuant to Title 48, Chapter 4, Article 2, Arizona Revised Statutes. The District's sole purpose shall be for the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins. For purposes of this Resolution and

of all resolutions, ordinances and notices pertaining hereto, the District shall be known as, and is hereby designated, "City of Buckeye Maintenance Improvement District No. 2020-MID-004".

Section 4. Omission of Public Property from District. Any Public Property or property owned by a homeowners' association that is included within the District shall be omitted from all assessments or taxes hereafter to be made with respect to the District. Additionally, any public streets, avenues, alleys, or public easements hereafter dedicated to public use shall become exempt after such dedication.

Section 5. Statutory Authority. All proceedings pertaining to the District shall be done under and as authorized by Title 48, Chapter 4, Article 2, Arizona Revised Statutes, and all amendments thereto including, without limitation, Section 48-574.

Section 6. Protests and Objections to Extent of District. In the Petition, the signer has made written consents and waivers pertaining to the ordering of the Work and to the formation of the District and has specifically waived all protests against formation of, and objections to, the extent of the District. City staff has verified that all non-public real property owners within the District exclusive of mortgagees and other lienholders have signed the Petition, and the Mayor and Council find as a fact that all such property owners within the District have signed such Petition. Therefore, no publication or posting of any notice pertaining to formation of the District will be made.

Section 7. Engineer's Estimate. The District's sole purpose will be for the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins. No engineer's estimate, plans, or specifications have been filed with the Clerk. In the Petition, the signer specifically waived the filing of an engineer's estimate, plans, or specifications.

Section 8. Recordation. A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder within ten (10) days of its adoption to give notice of formation of the District, as required by A.R.S. § 48-574(M).

Section 9. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial assessments are to be levied, or the resolution ordering the Work is not filed with both the Arizona Department of Revenue and the Maricopa County Assessor prior to such November 1, the Mayor and Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Arizona Department of Revenue extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2021.

PASSED AND ADOPTED by the Mayor and Council of the City of Buckeye, Arizona on December 21, 2021.

Eric W. Orsborn, Mayor

ATTEST:

Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 91-21 was duly passed by the Mayor and City Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, _____ abstained and _____ were absent and that the Mayor and ____ Council Members were present thereat.

DATED: December 21, 2021.

Lucinda J. Aja, City Clerk

EXHIBIT A
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2020-MID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.



Exhibit B
Maintenance Improvement District No. 2020-MID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
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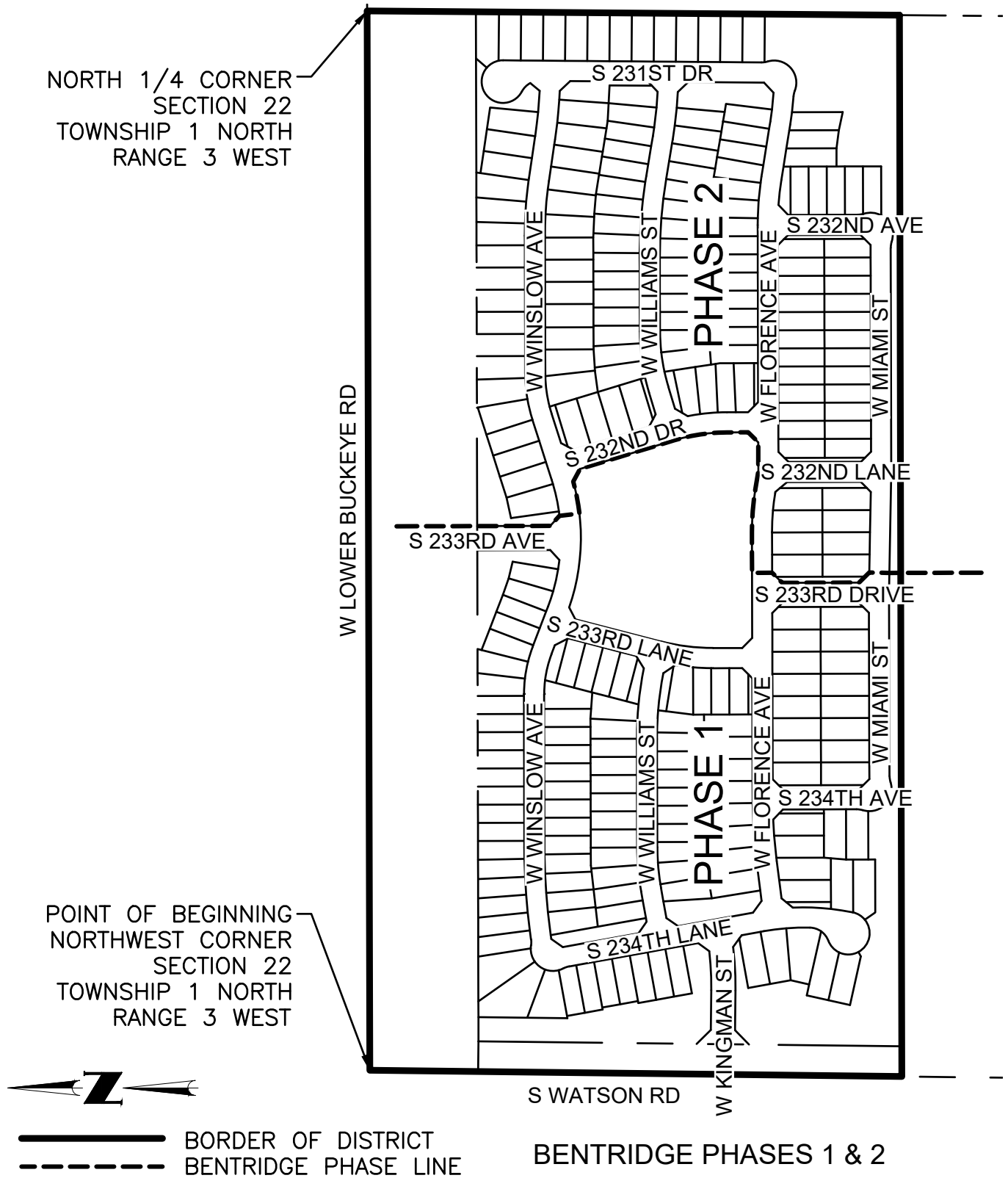
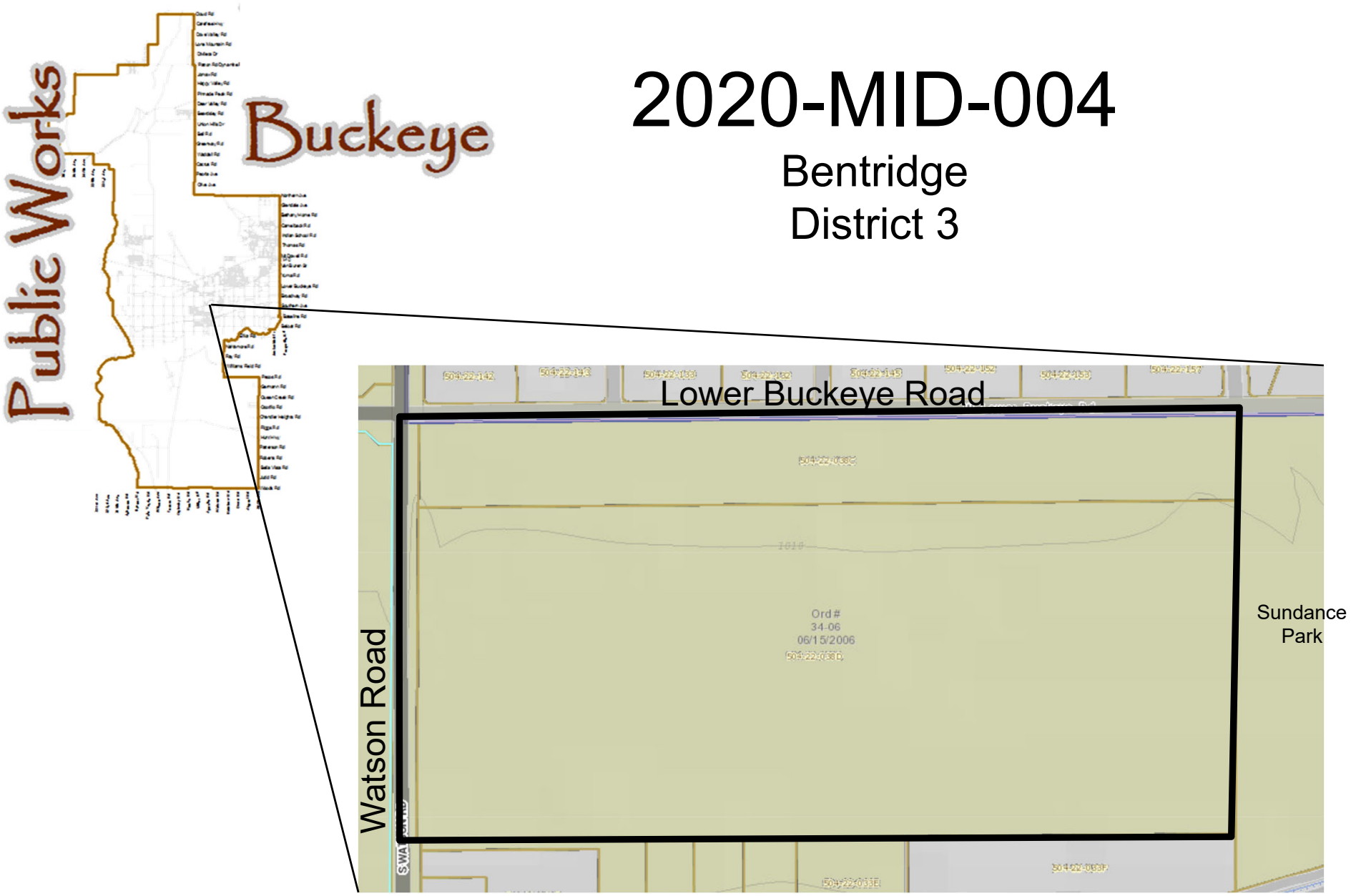


SCALE 1" = 350'	EXHIBIT C MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

2020-MID-004

Bentridge
District 3



BUCKEYE, AZ

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.D. Resolution No. 92-21. Bentridge Ordering the work of Street Lighting Improvement District No. 2020-SLID-004
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 3
STAFF LIAISON: Scott Lowe, Public Works Director, SLowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council) Council to take action on Resolution No. 92-21 ordering the work as described in Resolution No. 90-21; ordering the formation of City of Buckeye Street Lighting Improvement District No. 2020-SLID-004; ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:

SLIDs are formed in the City of Buckeye in accordance with Ordinance #43-05 and assess the owners within a development for the cost of the electricity for the streetlights within the boundaries of the development SLID, including any public road street lighting that is of benefit to the development. SLIDs are established to purchase (and not generate) energy for street or public park lighting within the District and adjacent streets so that the costs are not borne by the City in its general HURF fund, though there are administrative services provided by the City.

BENEFITS:

Both Street Lighting Improvement Districts (SLIDs) and Maintenance Improvement Districts (MIDs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents/owners of a particular development without an undue burden upon the existing community. SLIDs ensure that only the owners that benefit from the lighting in their community pay for that service. Having the costs of street and public park lighting within a District borne by the owners in a development ensure that the revenue needed to fund these costs is always in place.

FUTURE ACTION:

This resolution will be recorded and a conformed copy delivered to the Maricopa County Assessor and the Arizona State Department of Revenue within ten (10) business days of Council action to ensure that this SLID is on the tax rolls for fiscal year 2022/2023.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

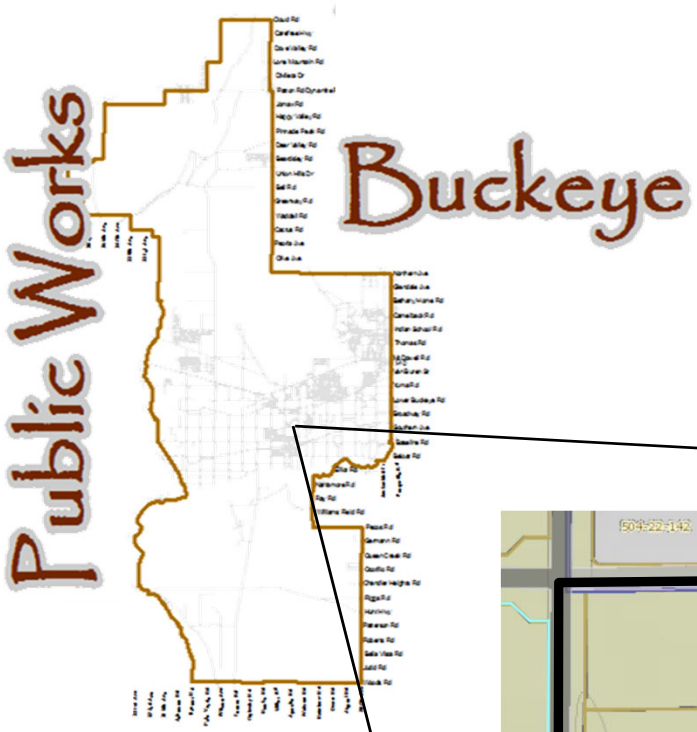
FISCAL YEAR:
FY 23/24

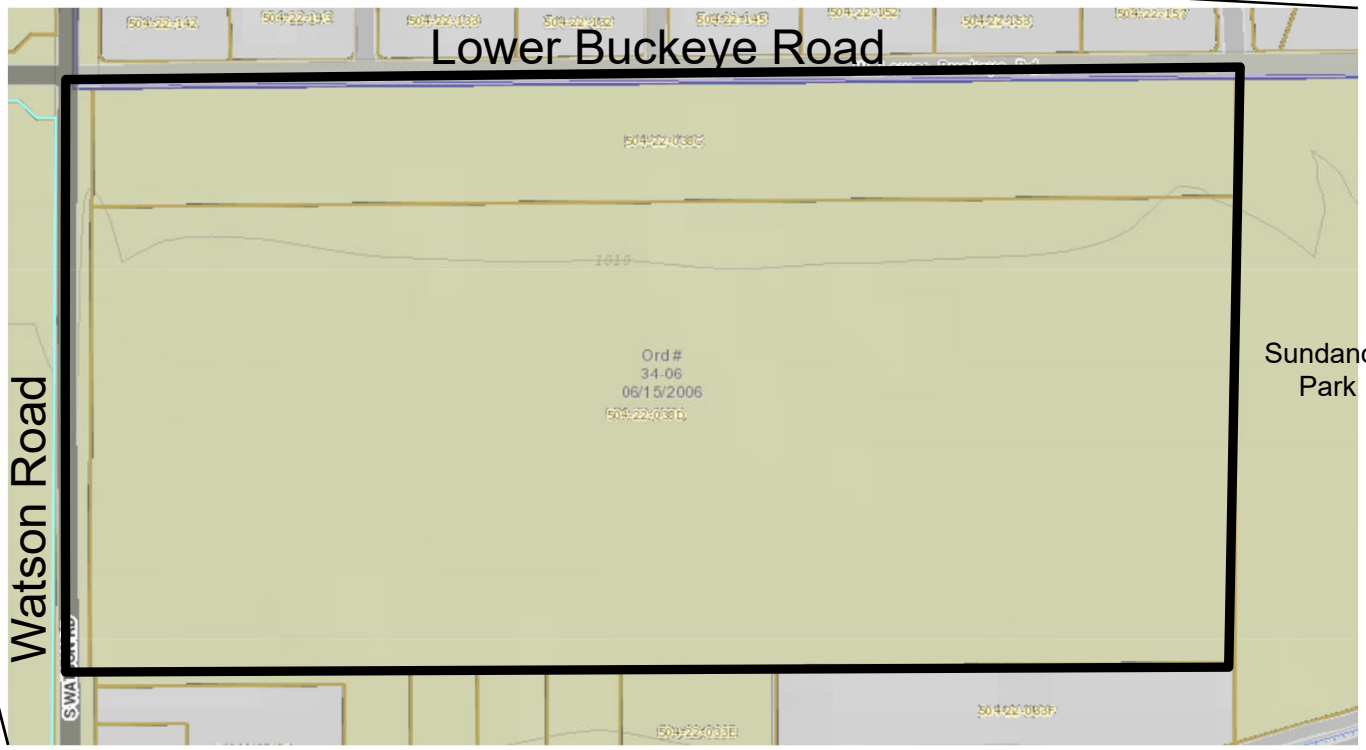
FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Bentridge SLID Location Map.pdf
Petition__Waiver_and_Consent_Bentridge_2020-SLID-004.pdf
RES 92-21 - Ordering the Work for 2020-SLID-004 (Bentridge).pdf

2020-SLID-004

Bentridge
District 3





BUCKEYE, AZ

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A STREET LIGHTING IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

BENTRIDGE
2020-SLID-004

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned non-public real property owner (the "*Petitioner*") within the City of Buckeye, Arizona (the "*City*"), respectfully petitions the Mayor and City Council (the "*City Council*") of the City to order the formation of a street lighting improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Street Lighting Improvement District by the City of Buckeye (this "*Petition*"), the Petitioner agrees to waive certain rights under the Improvement District Law and hereby consents to the formation of a street lighting improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioner hereby requests the proposed district to be named the "City of Buckeye Street Lighting Improvement District No. 2020-SLID-004" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. Such property is entirely within the corporate boundaries of the City. The Petitioner respectfully requests that the property shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioner is the sole owner of all non-public, non-exempt real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of purchasing, and not generating, energy for street and public park lighting.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or equal apportionment of taxes upon all of the non-public real property within the District as provided in A.R.S. § 48-616(C).

6. Fees and Reimbursement. The Petitioner has paid all application fees for the formation of the District and further agrees to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Expansion of or Annexation to the District. The Petitioner waives any objection to, or protest against, any future enlargement or enlargements of the District and also waives all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioner further waives any objection to, or protest against, the consolidation of the District with any other similar district or districts.

8. Waiver and Consent. The Petitioner, with full knowledge of its rights being waived hereunder, hereby expressly waives:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing, or recording of any resolution(s) of intention, resolution(s) ordering work, resolution(s) enlarging the District, or notices of proposed improvements as described in A.R.S. §§ 48-578 and 48-581;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all of which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the proposed boundaries of the District.

9. Equal Apportionment. The Petitioner hereby petitions the City Council to equally apportion the District's annual taxes based on the number and classification of properties within the District pursuant to A.R.S. § 48-616(J). The Petitioner further requests that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District.

10. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

11. Public Benefit. The purchasing of energy to operate street lighting improvements within the District is of more than local or ordinary public benefit and should be charged against the property within the District, all of which will benefit thereby.

12. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioner who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

13. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

The Petitioner hereby requests the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

IN WITNESS WHEREOF, the undersigned representative of the Petitioner has executed this Petition as of the date shown below.

[Signature Page to Follow]

LS-BENTRIDGE LLC,
a Delaware limited liability company

By: LANDSEA HOMES-WAB LLC,
a Delaware limited liability company,
Its: Manager

By: _____
Kaylee Smith, Division President

Date: 11/5/21

STATE OF _____)
) ss.
COUNTY OF _____)

On this 5th day of November, 2021, before me personally appeared Kaylee Smith, the Division President of Landsea Homes-WAB LLC, a Delaware limited liability company, the Manager of LS-Bentridge LLC, a Delaware limited liability company whose identity was proven to me on the basis of satisfactory evidence to be the person who she claims to be, and acknowledged that she signed the Petition on behalf of LS-Bentridge LLC, a Delaware limited liability company.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the foregoing paragraph is true and correct.

SARA ANDREWS
Notary Public - Arizona
Maricopa County
Commission # 558898
My Comm. Expires Dec 31, 2022

_____
Notary Public in and for the State of Arizona

(Seal and Expiration Date)

RECEIPT this 12th day of November, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____
Lucinda J. Aja, City Clerk

SBS:sbm 4289174.1 11/02/2021

EXHIBIT A
CITY OF BUCKEYE STREET LIGHT IMPROVEMENT DISTRICT
NO. 2020-SLID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

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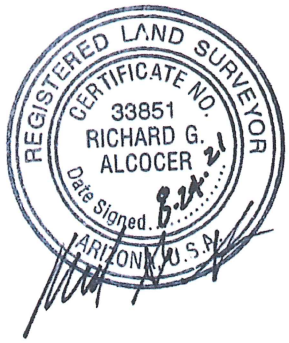

Exhibit B
Street Lighting Improvement District No. 2020-SLID-004
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
	LS-Bentridge LLC	112
	LS-Bentridge LLC	113
	LS-Bentridge LLC	114
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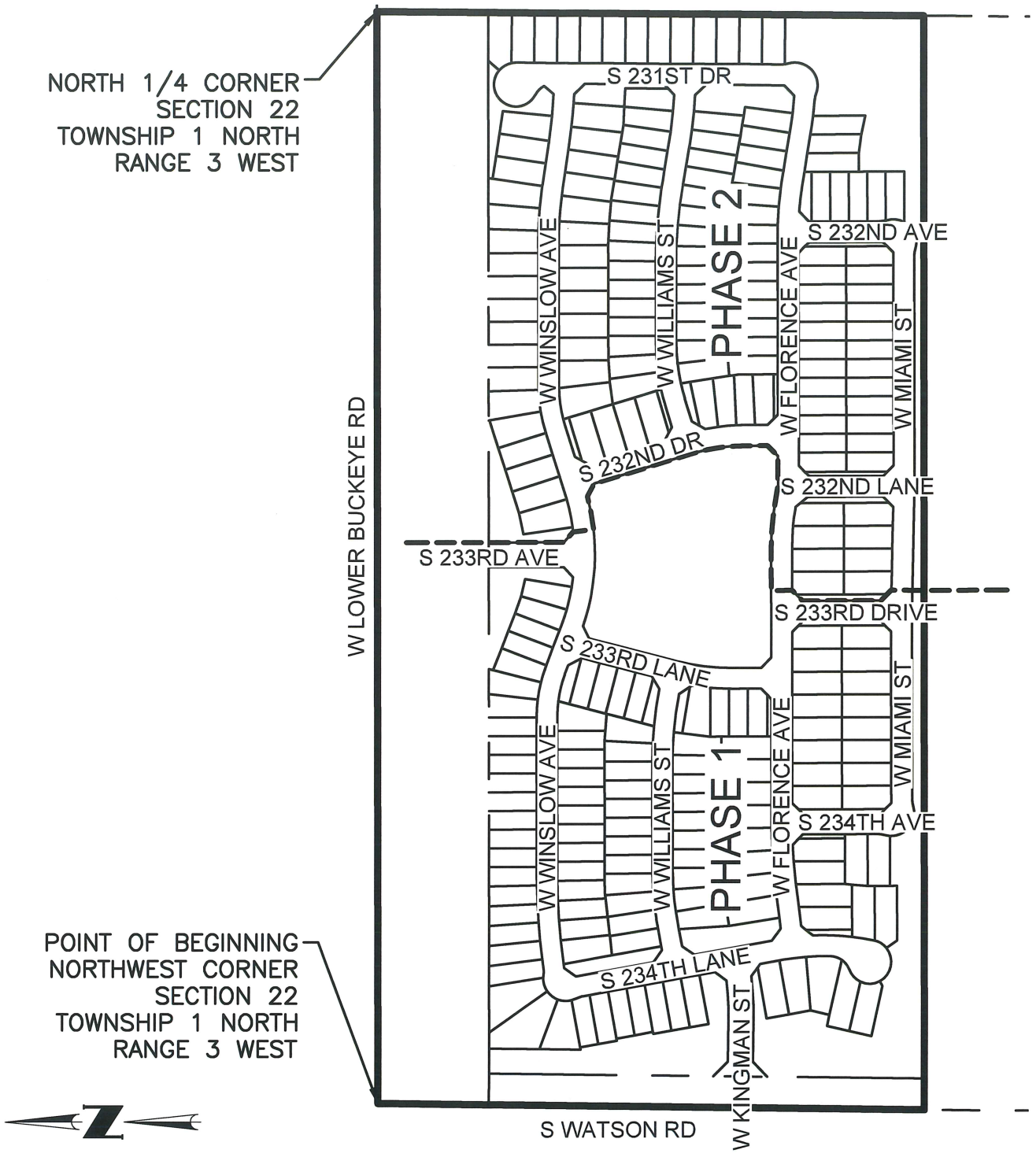

SCALE 1" = 350'	EXHIBIT C STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 92-21

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ORDERING THE WORK AS DESCRIBED IN RESOLUTION NO. 90-21 AND ORDERING THE FORMATION OF CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004; ORDERING RECORDING AND FILING OF THIS RESOLUTION.

WHEREAS, on December 21, 2021, the Mayor and City Council of the City of Buckeye, Arizona (the "*City*") passed and adopted Resolution No. 90-21 (the "*Resolution of Intention*"), which Resolution of Intention declared the Mayor and Council's intention to form the City of Buckeye Street Lighting Improvement District No. 2020-SLID-004 (the "*District*"), within the area known as Bentridge, solely for the purpose of purchasing energy for lighting of the public streets within and adjacent to the District; and

WHEREAS, a petition (the "*Petition*") for the formation of the District was presented to the Mayor and Council, which Petition purported to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders; and

WHEREAS, the Mayor and Council found that the Petition was signed by all such owners and have verified such finding of such fact; and

WHEREAS, in the Petition the signer waived all protests against the proposed Work (as defined in the Resolution of Intention), all objections to the extent of the District, all publication, posting and mailing of the Resolution of Intention, and the passage of time between adoption of the Resolution of Intention and this Resolution; and

WHEREAS, pursuant to A.R.S. §§ 48-616 and 48-617, the Mayor and Council hereby find and determine that they have jurisdiction to order the Work of purchasing energy for lighting of public streets and parks within the District and hereby order the formation of the District described in the Resolution of Intention;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Ordering the Work and District Formation. All protests against the Work, or the formation of the District, and all objections to the extent of the District being waived by the owners of all non-public real property within the District, exclusive of mortgagees and

lienholders, pursuant to A.R.S. §§ 48-616 and 48-617, the Work, as described in the Resolution of Intention, is hereby ordered and the formation of the City of Buckeye Street Lighting Improvement District No. 2020-SLID-004 is hereby ordered. The District shall encompass the property described on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein. The Assessor's parcel numbers shown on *Exhibit B* are for convenience only. If either *Exhibit A* or *Exhibit B* or both conflict with *Exhibit C*, *Exhibit C* shall govern and be determinative of a parcel's inclusion within, or exclusion from, the District, subject to the restrictions of Section 2 of this Resolution.

Section 2. Excluded Property. No publicly owned land or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses. This exclusion shall apply to all public streets, avenues, alleys, or public easements within the District that may hereafter be dedicated to public use.

Section 3. Annual Tax or Annual Assessment. Subject to the restrictions of Section 2 of this Resolution, the City shall annually, commencing in tax year 2023 and for the City's 2023-2024 fiscal year, make annual statements and estimates of the expenses of the District and shall submit the same to the Board of Supervisors of Maricopa County for the levy and collection of ad valorem taxes upon the assessed value of all taxable property, real and personal, in the District or by equal apportionment of taxes based on the number and classification of properties within the District, and shall publish notice of the statements and estimates, hold hearings on them and adopt them at the times and in the manner provided for incorporated cities and cities' statements and estimates by applicable portions of Title 42, Chapter 17, Article 3, Arizona Revised Statutes, and shall annually set, fix and cause to be levied and assessed the amount to be raised by ad valorem taxes upon all of the taxable property of the District or by an equal annual charge and shall cause to be collected, as county taxes are collected, the amounts shown by the statements and estimates so adopted by the Mayor and Council. As provided in A.R.S. § 48-616, all statutes providing for the levy and collection of general county taxes, including collection of delinquent taxes and sale of property for nonpayment of taxes, are applicable to the District taxes as provided to be levied by this section.

Section 4. Recording and Filing. The City Clerk is ordered and directed to cause a certified copy of this Resolution to be recorded in the office of the Maricopa County Recorder. The City Clerk is further ordered and directed to file certified copies of this Resolution with the Arizona Department of Revenue (the "*Department*") and the Maricopa County Assessor, pursuant to A.R.S. § 42-17257, together with all other information prescribed by the Director of the Department relating to the boundaries of newly created taxing jurisdictions.

Section 5. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial taxes are to be levied, or this Resolution is not filed with both the Department and the Maricopa County Assessor prior to such November 1, the Mayor and Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Department extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2021.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona on December 21, 2021.

Eric W. Orsborn, Mayor

ATTEST:

Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 92-21 was duly passed by the Mayor and Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was _____ aye's, ____ nay's, _____ abstained and _____ were absent and that the Mayor and ___ Council Members were present thereat.

DATED: December 21, 2021.

Lucinda J. Aja, City Clerk

EXHIBIT A
CITY OF BUCKEYE STREET LIGHT IMPROVEMENT DISTRICT
NO. 2020-SLID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.



Exhibit B
Street Lighting Improvement District No. 2020-SLID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
504-22-038D	LS-Bentridge LLC	1
	LS-Bentridge LLC	2
	LS-Bentridge LLC	3
	LS-Bentridge LLC	4
	LS-Bentridge LLC	5
	LS-Bentridge LLC	6
	LS-Bentridge LLC	7
	LS-Bentridge LLC	8
	LS-Bentridge LLC	9
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
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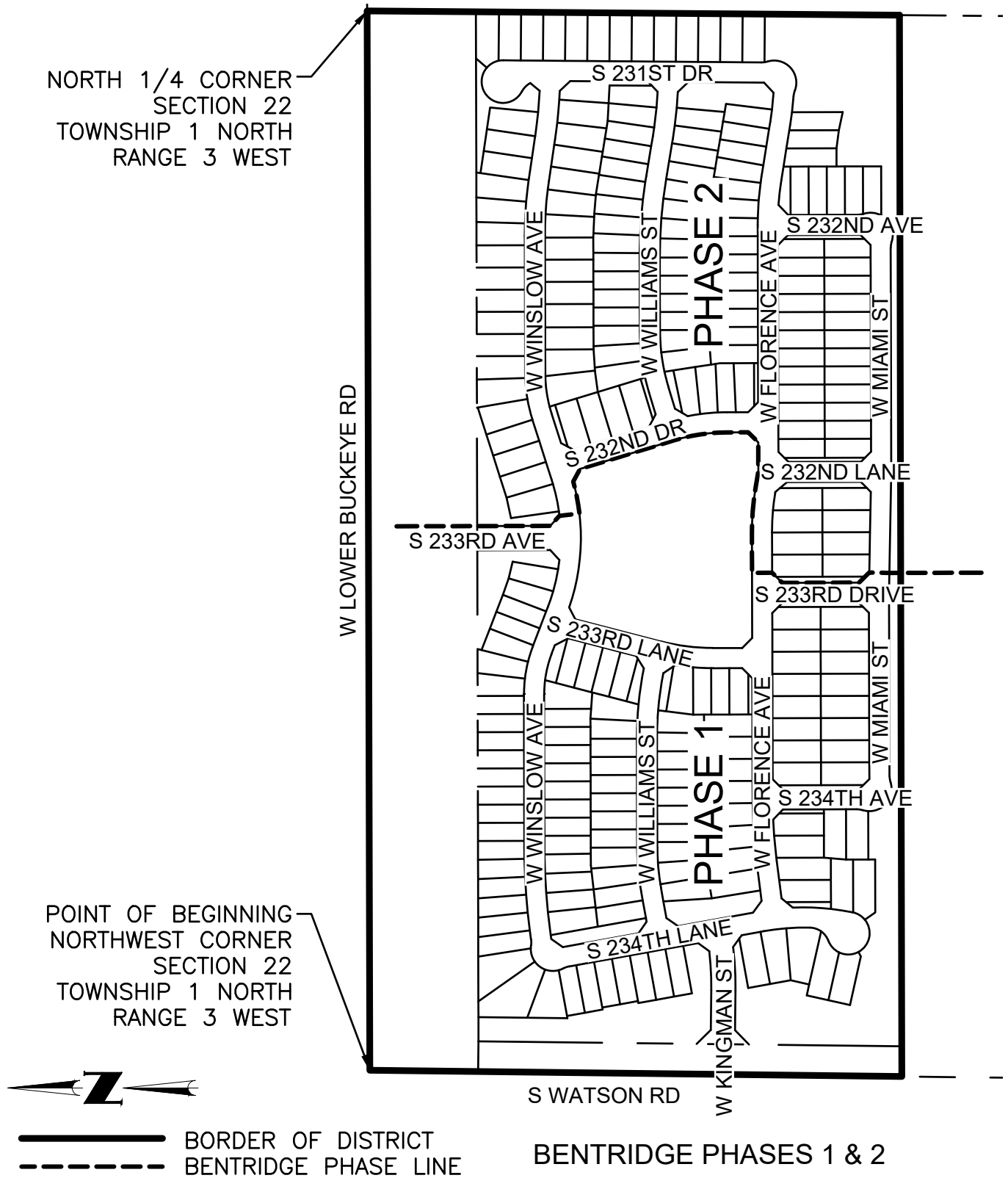

SCALE 1" = 350'	EXHIBIT C STREET LIGHTING IMPROVEMENT DISTRICT NO. 2020-SLID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.E. Resolution No. 93-21. Bentridge Ordering the work Maintenance Improvement District No. 2020-MID-004
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 3
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 93-21 ordering the work as described in Resolution No. 91-21; ordering the formation of City of Buckeye Maintenance Improvement District No. 2020-MID-004; ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:

MIDs are formed in the City of Buckeye in accordance with Ordinance #42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

BENEFITS:

Maintenance Improvement Districts ensure that only the owners that benefit from the improvements to their community pay for that service. Having the costs of maintenance, repair and improvement of parkways and parks within a District borne by the owners in a development ensure that the revenue needed to fund these costs are always in place. Both Street Lighting Improvement Districts (SLIDs) and Maintenance Improvement Districts (MIDs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents/owners of a particular development without an undue burden upon the existing community.

FUTURE ACTION:

This resolution will be recorded and a conformed copy delivered to the Maricopa County Assessor and the Arizona State Department of Revenue within ten (10) business days of Council action to ensure that this MID is on the tax rolls for fiscal year 2023/2024.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY 23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Petition, Waiver and Consent Bentridge 2020-MID-004.pdf
Bentridge MID Location Map.pdf
RES 93-21 - Ordering the Work for 2020-MID-004 (Bentridge) .pdf

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

BENTRIDGE
2020-MID-004

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned non-public real property owner (the "*Petitioner*") respectfully petitions the Mayor and City Council (the "*City Council*") of the City of Buckeye, Arizona (the "*City*") to order the formation of a residential municipal maintenance improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye (this "*Petition*"), the Petitioner agrees to waive certain rights under the Improvement District Law and hereby consents to the formation of a residential municipal maintenance improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioner hereby requests the proposed district to be named the "City of Buckeye Maintenance Improvement District No. 2020-MID-004" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. The proposed District consists of an aggregate of 79.849 acres which are entirely within the corporate boundaries of the City. The Petitioner respectfully requests that the land shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioner is the sole owner of all non-public, non-exempt real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of providing for operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins. To enhance such purposes the Petitioner grants to the City the public use of all such parkings, parkways, retention basins and detention basins and access thereto across the Petitioner's property to carry out all District purposes.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or annual special assessment upon all of the non-public real property within the District.

6. Fees and Reimbursement. The Petitioner has paid all application fees for the formation of the District and further agrees to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Document Requirements. The Petitioner has previously submitted the following documents to the City's Public Works Department:

a) Street landscaping layout plans.

b) One 24" x 36" copy of the District diagram showing each lot or parcel.

c) A metes and bounds legal description of the District boundary, accompanied by a list of Assessor's parcel numbers within the proposed District and a map showing the District boundary (with back-up material showing that the boundary closes, as necessary).

The Petitioner or the Petitioner's engineer will submit the following documents to the City's Public Works Department concurrently with the submission of this fully executed Petition:

a) Proof of payment of the District application fees.

b) Two 8-1/2" x 11" recordable copies of a legal description of the District boundary and a map showing the District boundary.

8. Expansion of or Annexation to the District. The Petitioner waives any objection to, or protest against, any future enlargement or enlargements of the District and also waives all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioner further waives any objection to, or protest against, the consolidation of the District with any other similar district or districts.

9. Waiver and Consent. The Petitioner, with full knowledge of its rights being waived hereunder, hereby expressly waives:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing or recording of the resolution of intention and the notice of proposed improvements pursuant to A.R.S. § 48-578;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the proposed boundaries of the District.

10. Expenses. The Petitioner hereby petitions the City Council to provide for the expenses of the District by assessment of the total sum upon the several lots, each respectively in proportion to the benefits to be received by each lot within the District, pursuant to A.R.S. § 48-574(D). The Petitioner further requests that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District. The Petitioner hereby agrees that each non-public parcel within the property proposed to be included in the District receives the same benefits as each other non-public parcel proposed to be included in the District.

11. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

12. Public Benefit. The operation, maintenance, repair and improvements of parkings, parkways, retention basins and detention basins within, adjacent to, or serving the District is of more than local or ordinary public benefit and the costs and expense thereof should be charged against the property within the District, all of which will benefit thereby.

13. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioner who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

14. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

The Petitioner hereby requests the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

IN WITNESS WHEREOF, the undersigned representative of the Petitioner has executed this Petition as of the date shown below.

[Signature Page to Follow]

LS-BENTRIDGE LLC,
a Delaware limited liability company

By: LANDSEA HOMES-WAB LLC,
a Delaware limited liability company,
Its: Manager

By: _____
Kaylee Smith, Division President

Date: 11/5/21

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

On this 5th day of November, 2021, before me personally appeared Kaylee Smith, the Division President of Landsea Homes-WAB LLC, a Delaware limited liability company, the Manager of LS-Bentridge LLC, a Delaware limited liability company whose identity was proven to me on the basis of satisfactory evidence to be the person who she claims to be, and acknowledged that she signed the Petition on behalf of LS-Bentridge LLC, a Delaware limited liability company.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the foregoing paragraph is true and correct.

SARA ANDREWS
Notary Public - Arizona
Maricopa County
Commission # 558898
My Comm. Expires Dec 31, 2022

(Seal and Expiration Date)

Sara Andrews
Notary Public in and for the State of Arizona

RECEIPT this 12th day of November, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____
Lucinda J. Aja, City Clerk

EXHIBIT A
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2020-MID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.

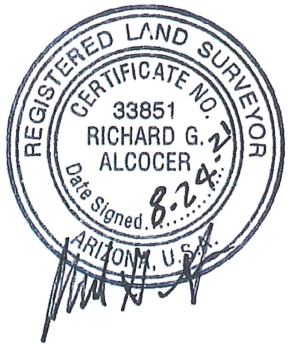

Exhibit B
Maintenance Improvement District No. 2020-MID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
504-22-038D	LS-Bentridge LLC	1
	LS-Bentridge LLC	2
	LS-Bentridge LLC	3
	LS-Bentridge LLC	4
	LS-Bentridge LLC	5
	LS-Bentridge LLC	6
	LS-Bentridge LLC	7
	LS-Bentridge LLC	8
	LS-Bentridge LLC	9
	LS-Bentridge LLC	10
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
	LS-Bentridge LLC	112
	LS-Bentridge LLC	113
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	LS-Bentridge LLC	116
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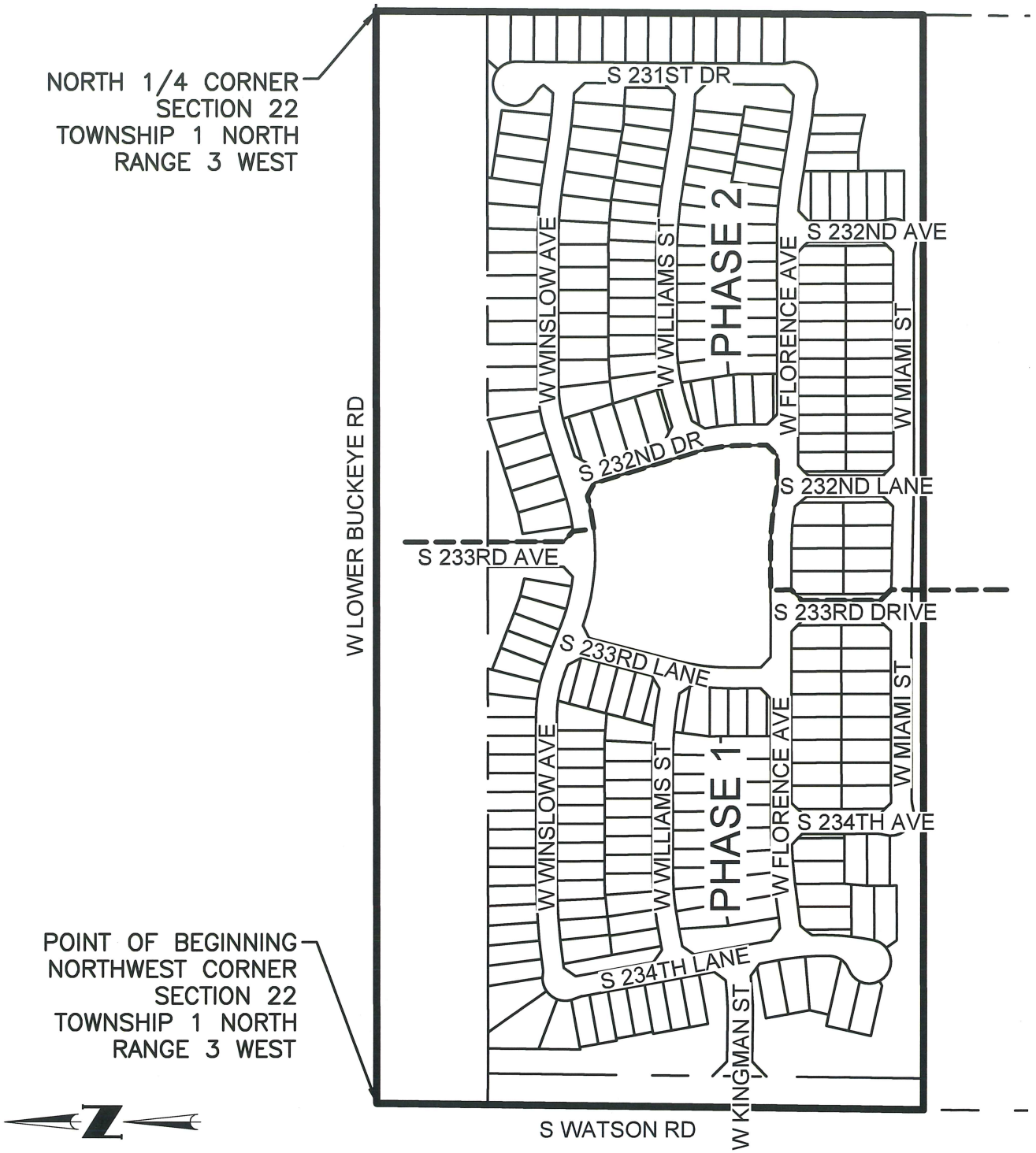
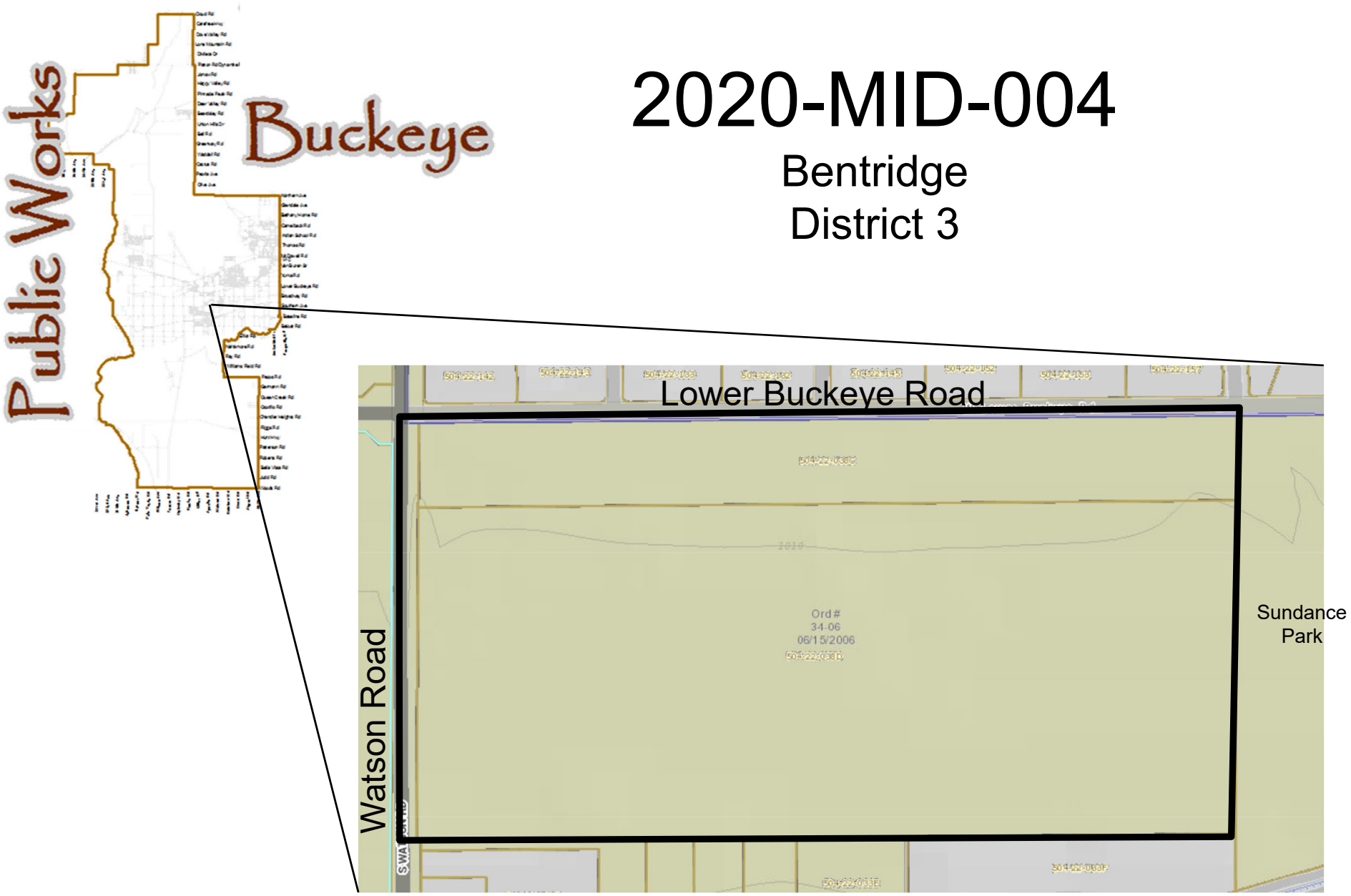


SCALE 1" = 350'	EXHIBIT C MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

2020-MID-004

Bentridge
District 3



BUCKEYE, AZ

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 93-21

RESOLUTION OF THE COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ORDERING THE WORK AS DESCRIBED IN RESOLUTION NO. 91-21; ORDERING THE FORMATION OF CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004; ORDERING RECORDING AND FILING OF THIS RESOLUTION.

WHEREAS, on December 21, 2021, the Mayor and City Council of the City of Buckeye, Arizona (the "*City*") passed and adopted Resolution No. 91-21 (the "*Resolution of Intention*"), which Resolution of Intention declared the Mayor and City Council's intention to form the City of Buckeye Maintenance Improvement District No. 2020-MID-004 (the "*District*"), solely for the purpose of operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins (collectively, the "*Work*"); and

WHEREAS, a legal description, Assessor's parcel numbers and a map of the proposed District boundaries are attached hereto as *Exhibits A*, *B*, and *C* and incorporated by reference herein; and

WHEREAS, prior to adoption of the Resolution of Intention, a petition (the "*Petition*") for the formation of the District was presented to this Mayor and City Council, which Petition purported to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders; and

WHEREAS, the Mayor and City Council accepted the Petition and found that the Petition was signed by all such owners and have verified such finding of such fact; and

WHEREAS, in the Petition the signer waived all protests against the proposed Work, all objections to the extent of the District, and all publication, posting and mailing of the Resolution of Intention and this Resolution; and

WHEREAS, pursuant to A.R.S. §§ 48-574 and -579, the Mayor and City Council hereby find and determine that they have jurisdiction to order the Work of operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain

inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins that are or hereafter will be within or adjacent to the District as it is described in the Resolution of Intention or is hereafter modified or enlarged, and by this Resolution order the formation of the District described in the Resolution of Intention;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Ordering the Work and District Formation. All protests against the Work or the formation of the District and all objections to the extent of the District being waived by the owners of all non-public real property within the District, exclusive of mortgagees and lienholders, the Work as described in the Resolution of Intention is hereby ordered and the formation of the City of Buckeye Maintenance Improvement District No. 2020-MID-004 is hereby ordered. The legal description, Assessor's parcel numbers and boundary map of the District are set forth in *Exhibits A*, *B*, and *C*.

Section 2. Excluded Property. No publicly owned land or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses. This exclusion shall apply to all public streets, avenues, alleys, or public easements within the District that may hereafter be dedicated to public use.

Section 3. Annual Tax or Annual Assessment. Subject to the restrictions of Section 2 of this Resolution, the City shall annually, commencing in tax year 2023 and for the City's 2023-2024 fiscal year, make annual statements and estimates of the expenses of the District, if any, and shall submit the same to the Board of Supervisors of Maricopa County for the levy and collection of ad valorem taxes upon the assessed value of all taxable property, real and personal, in the District or by equal apportionment of taxes based on the number and classification of properties within the District, and shall publish notice of the statements and estimates, hold hearings on them and adopt them at the times and in the manner provided for an incorporated city's statements and estimates by applicable portions of Title 42, Chapter 17, Article 3, Arizona Revised Statutes, and shall annually set, fix and cause to be levied and assessed the amount to be raised by ad valorem taxes upon all of the taxable property of the District and shall cause to be collected, as county taxes are collected, the amounts shown by the statements and estimates so adopted by the Mayor and City Council. As provided in A.R.S. § 48-574, all statutes providing for the levy and collection of general county taxes, including collection of delinquent taxes and sale of property for nonpayment of taxes, are applicable to the District taxes as provided to be levied by this section.

Section 4. Recording and Filing. The City Clerk is ordered and directed to cause a certified copy of this Resolution to be recorded in the office of the Maricopa County Recorder within ten (10) days of the adoption of this Resolution. The City Clerk is further ordered and directed to file certified copies of this Resolution with the Arizona Department of Revenue (the "*Department*") and the Maricopa County Assessor, as required by A.R.S. § 42-17257, together with all other information prescribed by the Director of the Department relating to the boundaries of newly created taxing jurisdictions.

Section 5. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial assessments are to be levied, or this Resolution is not filed with both the Department and the Maricopa County Assessor prior to such November 1, the Mayor and City Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Department extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2021.

PASSED AND ADOPTED by the Mayor and Council of the City of Buckeye, Arizona, on December 21, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 93-21 was duly passed by the Mayor and Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, ____ abstained and ____ were absent and that the Mayor and ____ Council Members were present thereat.

DATED: December 21, 2021.

_____
Lucinda J. Aja, City Clerk

EXHIBIT A
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2020-MID-004 – BENTRIDGE LEGAL DESCRIPTION

That part of the Northwest Quarter of Section 22, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, more particularly described as follows:

Beginning at the Brass Cap flush marking the Northwest Corner of said Section 22, from which the Brass Cap flush marking the North Quarter Corner of said Section 22 bears North 89°51'21" East, a distance of 2,629.33 feet;

Thence North 89°51'21" East, along the North line of the Northwest Quarter of Section 22, a distance of 2,629.33 feet to the North Quarter Corner of said Section 22;

Thence South 00°27'45" West, along the East line of the Northwest Quarter of Section 22, a distance of 1,321.68 to the Southeast Corner of the North Half of the Northwest Quarter of said Section 22;

Thence South 89°51'13" West, along the South line of the North Half of the Northwest Quarter of said Section 22, a distance of 2,634.10 feet to the Southwest Corner thereof;

Thence North 00°40'09" East, along the West line of the Northwest Qaurter, a distance of 1,321.84 feet to the True Point of Beginning.

Containing 3,478,220 Square Feet or 79.849 Acres, more or less.



Exhibit B
Maintenance Improvement District No. 2020-MID-004
Assessor Parcel and Lot Numbers

Assessor Parcel Number	Owner	Status
504-22-038C	City of Buckeye	Exempt

Assessor Parcel Number	Bentridge Phase 1 Owner	Lot Number
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Assessor Parcel Number	Bentridge Phase 2 Owner	Lot Number
	LS-Bentridge LLC	112
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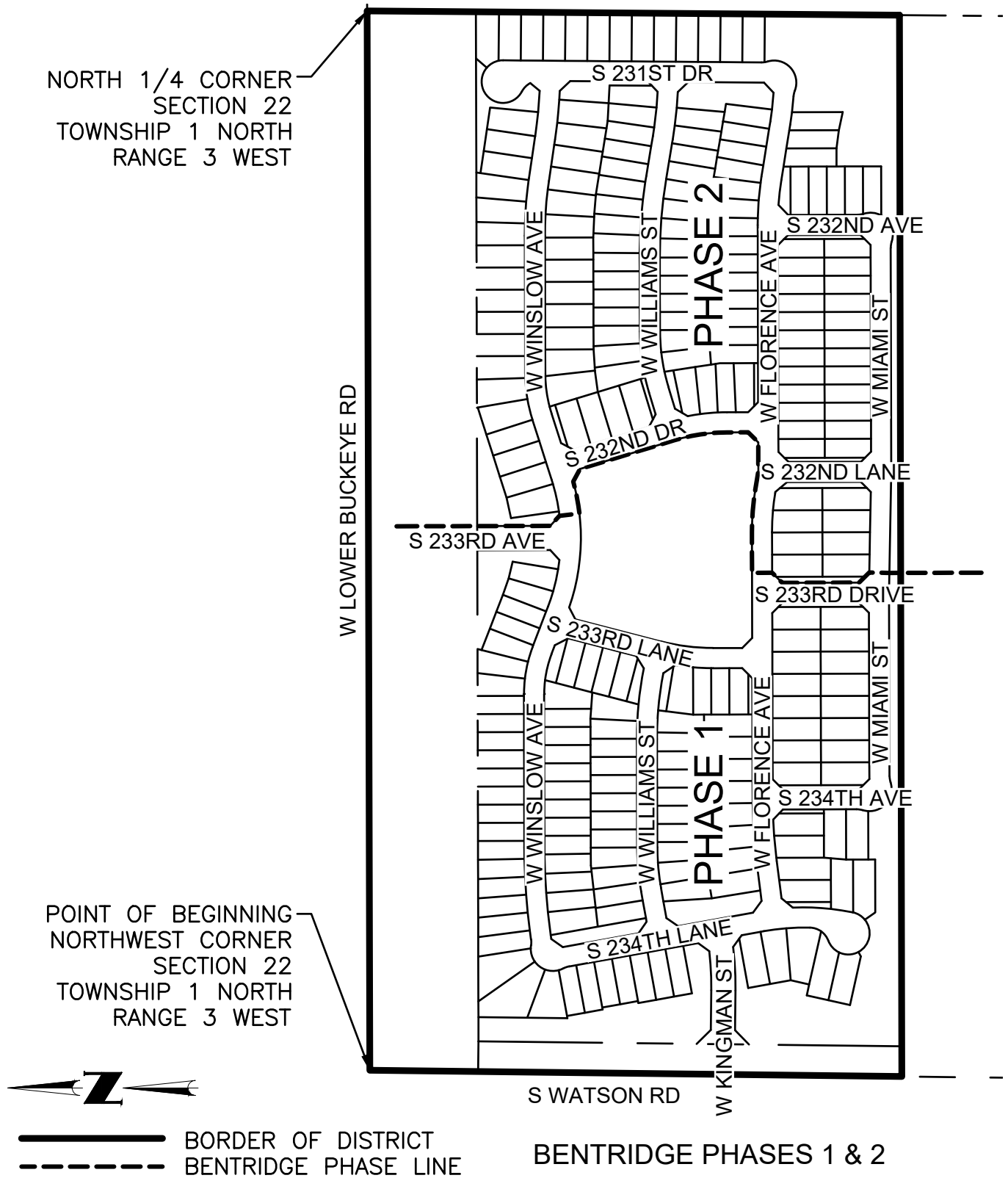


SCALE 1" = 350'	EXHIBIT C MAINTENANCE IMPROVEMENT DISTRICT NO. 2020-MID-004 BOUNDARY MAP	CVL CONSULTANTS CELEBRATING 60 YEARS
EXHIBIT		
4550 North 12th Street Phoenix, Arizona 85014 Phone 602-264-6831 http://www.cvlci.com	BENTRIDGE	01 OF 01

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.F. Resolution No 97-21. Desert Moon Estates Intent to expand Street Lighting Improvement District No. 2007-SLID-010
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 4
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 97-21 enlarging City of Buckeye Street Lighting Improvement District No. 2007-SLID-010 and ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Street Lighting Improvement Districts (SLIDs) are established to purchase (not generate) energy for street lighting or public park lighting with the District and adjacent streets so that the costs are not borne by the City in its Highway User Revenue Fund

BENEFITS:
Both SLIDS and Maintenance Improvement Districts (MIDSs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents /owners of a particular development without an undue burden upon the existing community. SLIDS ensure that only owners that have benefit from the lighting in their community pay for that service. Having the costs of street and public park lighting within a SLID borne by the owners in a development ensures that the revenue needed to fund these costs is always in place.

FUTURE ACTION:
A budget and further Council action will take place at the beginning of the next fiscal year to implement this District.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.

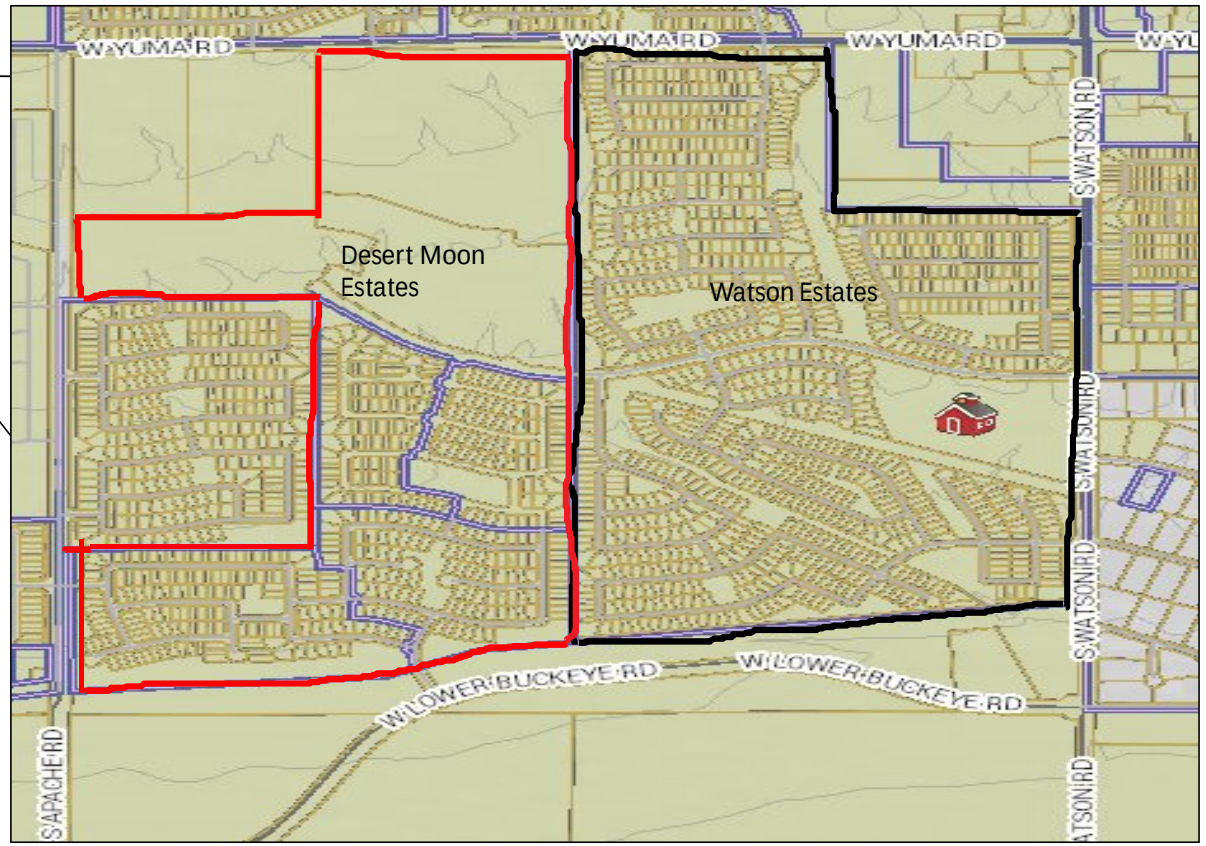
ATTACHMENTS:

Desert Moon Expansion 2007-SLID-010.pptx
RES 97-21 Desert Moon Estates - Intent to Expand SLID.pdf
Petition__Waiver_Consent_-_Expansion_within_SLID_Desert_Moon_Estates.pdf

Public Works Buckeye

2007-SLID-010

Desert Moon Estates Expansion
District 4



BUCKEYE, AZ

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 97-21

RESOLUTION ENLARGING CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010 AND ORDERING RECORDING AND FILING OF THIS RESOLUTION.

WHEREAS, on November 17, 2009, the then Mayor and Town Council of the Town of Buckeye, Arizona (the "*Town*") passed and adopted Resolution No. 87-09 ordering the formation of Town of Buckeye Street Lighting Improvement District No. 2007-SLID-010, solely for the purpose of purchasing (and not generating) energy for lighting of public streets and parks; and

WHEREAS, thereafter the Town became the City of Buckeye ("*City*") and the Town of Buckeye Street Lighting Improvement District No. 2007-SLID-010 became known as the City of Buckeye Street Lighting Improvement District No. 2007-SLID-010 (the "*District*"); and

WHEREAS, the owners of certain property adjoining the District (the "*Petitioners*") have filed a petition seeking to enlarge the District to include the property described in the attached *Exhibits A*, *B*, and *C* (collectively, the "*Added Territory*"); and

WHEREAS, the Petitioners have waived publication and posting of notice of the Added Territory, any protest against the enlargement of the District, and any objection to the extent of the enlarged District; and

WHEREAS, the Mayor and City Council hereby find and determine that they have jurisdiction to order the enlargement of the District and hereby order the Added Territory to be added to the District;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. District Enlargement. The District is enlarged by the addition of the Added Territory, as shown on *Exhibits A*, *B*, and *C* attached hereto and incorporated by reference into this Resolution. The Assessor's parcel numbers shown on *Exhibit B* are for convenience only. If the legal description in *Exhibit A* or the Assessor's parcel numbers in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern and be determinative of a parcel's inclusion within, or exclusion from, the District, subject to the restrictions of Section 2 of this Resolution.

Section 2. Excluded Property; Annual Tax. No publicly owned land or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses. The annual tax levied upon the District will remain in full force and effect and will apply to the District as enlarged by this Resolution. The District taxes will continue to be levied based on the number and classification of parcels within the enlarged District, excluding those parcels which are publicly owned or owned by a homeowners' association.

Section 3. Recording and Filing. The City Clerk is ordered and directed to cause a certified copy of this Resolution to be recorded in the office of the Maricopa County Recorder. The City Clerk is further ordered and directed to file certified copies of this Resolution with the Director of the Arizona Department of Revenue and the Maricopa County Assessor, pursuant to A.R.S. § 42-17257.

Section 4. Extension for Filing. If either the enlargement of the District occurs after November 1 of the year preceding the year in which initial taxes are to be levied, or this Resolution is not filed with both the Arizona Department of Revenue and the Maricopa County Assessor prior to such November 1, the Mayor and City Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Arizona Department of Revenue extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2022.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
Shiela B. Schmidt, City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Map of District Amended to Include Annexed Area

SBS:ddh 4315033.3 12/9/2021

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting City Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 97-21 was duly passed by the Mayor and Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, ____ abstained and ____ were absent and that the Mayor and ___ Council Members were present thereat.

DATED: December 21, 2021.

_____

Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA OF DESERT MOON ESTATES
LEGAL DESCRIPTION

That portion of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 89°17'15" East, 1320.94 feet (89°16'59" East, 1320.94 feet record) along the north line of Watson Estates as filed in Book 913, Page 50, Maricopa County Records, Arizona;

Thence South 00°20'16" West, 1330.63 feet (South 00°20'16" West, 1330.63 feet record) along said north line of Watson Estates;

Thence South 89°45'06" East, 1320.99 feet (South 89°44'50" East, 1321.10 feet record) along said north line of Watson Estates to the east line of said Watson Estates;

Thence leaving said north line, South 00°19'47" West, 1319.99 feet (South 00°20'03" West, 1319.93 feet record) along said east line of Watson Estates;

Thence South 00°21'53" West, 1778.95 feet (South 00°22'18" West, 1778.98 feet record) along said east line of Watson Estates to the south line of said Watson Estates;

Thence leaving said east line, South 83°24'24" West, 2661.37 feet (South 83°24'32" West, 2661.42 feet record) feet along said south line of Watson Estates to the southwest corner of said Watson Estates;

Thence continuing South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line to the southwest corner of Replat of Anderson Park as filed in Book 1371, Page 12, Maricopa County Records, Arizona;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet along the south line of said Replat of Anderson Parc to the southeast corner thereof;

Thence North 00°20'44" East, 1975.66 feet along the east line of said Anderson Parc Replat to the northeast corner thereof;

Thence South 89°27'08" West, 1320.79 feet along the north line of said Replat of Anderson Parc to the northwest corner thereof;

Thence North 00°20'43" East, 655.36 feet along the west line of the Northwest Quarter of said Section 16;

Thence North 89°07'13" East, 1320.94 feet along the south line those properties described within Warranty Deed No. 2021-1085411 and Warranty Deed No. 2021-1110820, Maricopa County Records;

Thence leaving said south line, North 00°20'44" East, 1326.04 feet along the east line of the property described within said Warranty Deed No. 2021-1110820 to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 19,123,660 sq. ft. (439.0188 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021

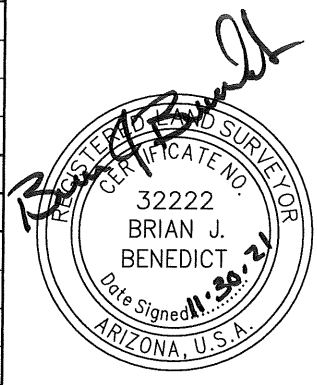


EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

©2021, HILGARTWILSON, LLC

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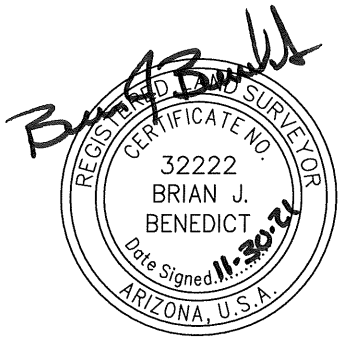
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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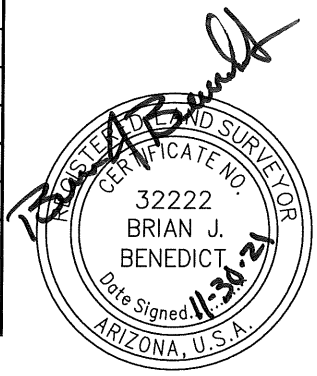
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11.30.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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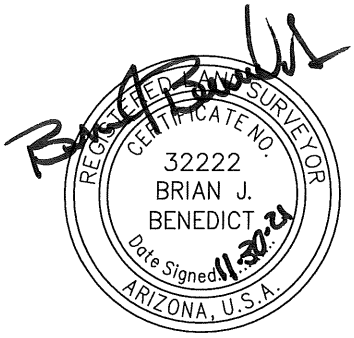
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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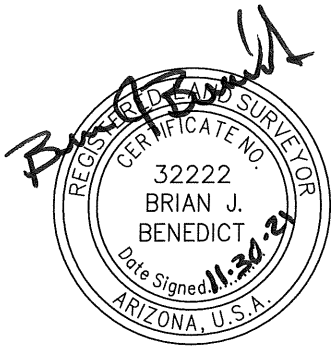
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.



PROJ.NO.: 1826	DESERT MOON ESTATES	HILGARTWILSON
DATE: NOV 2021	STREET LIGHTING IMPROVEMENT	2141 E. HIGHLAND AVE., STE. 250
SCALE: N.T.S	DISTRICT NO. 2007-SLID-010	PHOENIX, AZ 85016
DRAWN BY: RD/GS	AMENDED TO INCLUDE	P: 602.490.0535 / F: 602.368.2436
CHECKED BY: BJB	ANNEXED AREA	

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.



PROJ.NO.:	1826
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CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.



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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC



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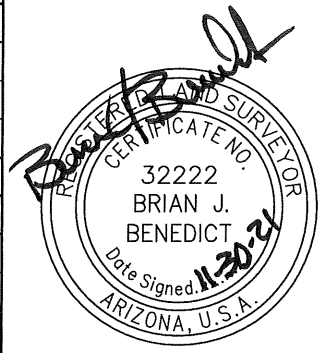
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

©2021, HILGARTWILSON, LLC

EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



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DISTRICT NO. 2007-SLID-010
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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
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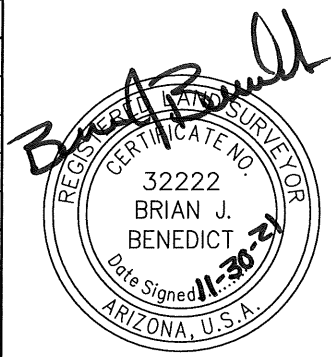
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
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P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC



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DRAWN BY:	RD/GS
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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

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PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007–SLID–010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007–SLID–010 AMENDED TO INCLUDE ANNEXED AREA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS		
CHECKED BY:	BJB		

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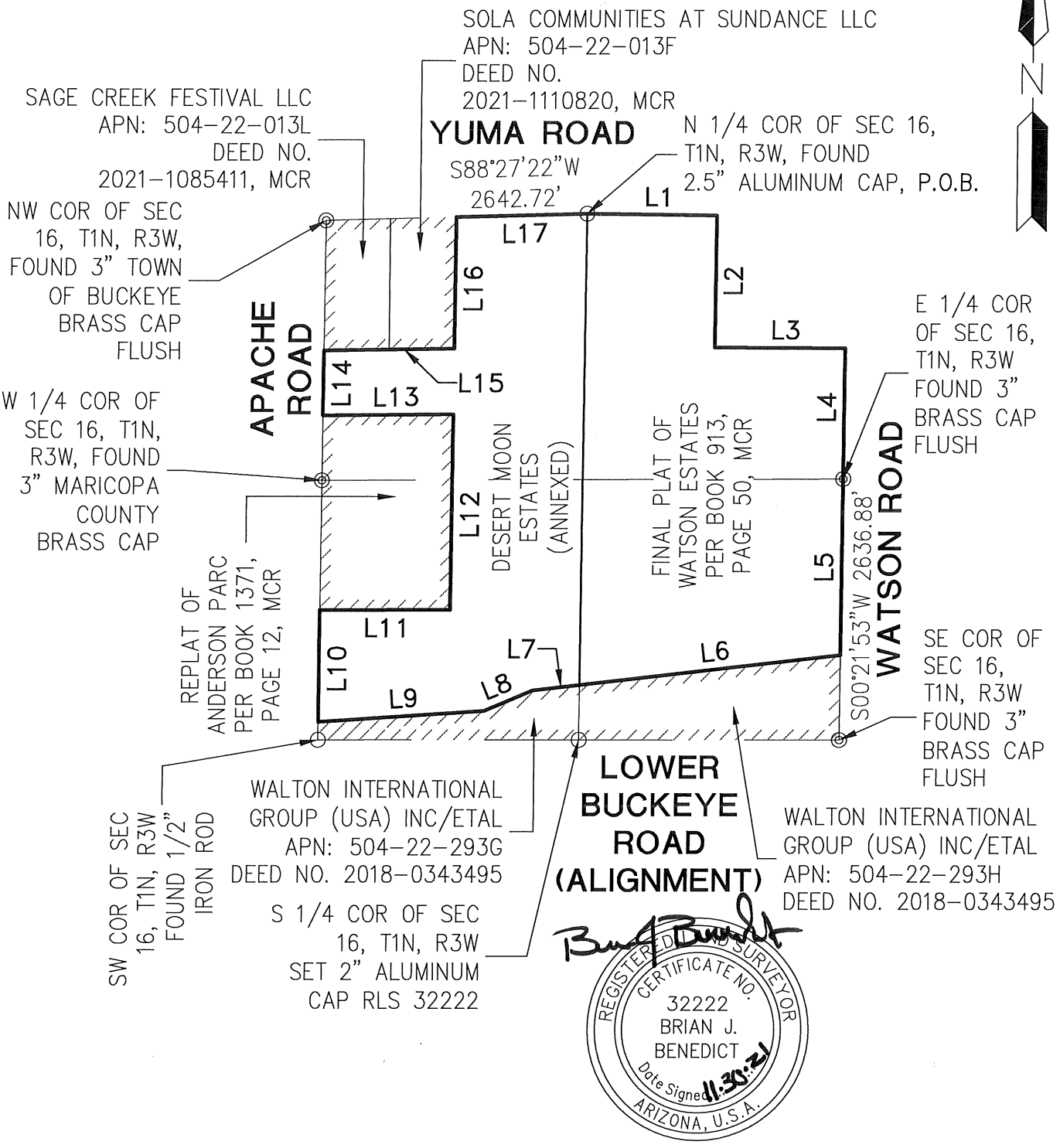
EXHIBIT "C"

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S.
DRAWN BY:	GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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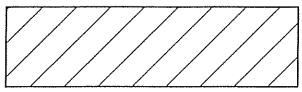
EXHIBIT "C"

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S89°17'15"E	1320.94'
L2	S00°20'16"W	1330.63'
L3	S89°45'06"E	1320.99'
L4	S00°19'47"W	1319.99'
L5	S00°21'53"W	1778.95'
L6	S83°24'24"W	2661.37'
L7	S83°24'24"W	473.45'
L8	S67°14'27"W	534.90'
L9	S86°07'59"W	1683.79'
L10	N00°20'42"E	1128.86'
L11	N89°52'13"E	1320.66'
L12	N00°20'44"E	1975.66'
L13	S89°27'08"W	1320.79'
L14	N00°20'43"E	655.36'
L15	N89°07'13"E	1320.94'
L16	N00°20'44"E	1326.04'
L17	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF SECTION 16, T1N, R3W
——— ———	SECTION LINE
———————	PARCEL LINE
———————	BOUNDARY OF STREET LIGHT IMPROVEMENT DISTRICT
DOC.	DOCUMENT
NO.	NUMBER
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NONE
DRAWN BY:	GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
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P: 602.490.0535 / F: 602.368.2436

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When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO INCLUSION OF ADDITIONAL LAND WITHIN AN EXISTING STREET LIGHTING IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

DESERT MOON ESTATES
ANNEXATION TO 2007-SLID-010

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned property owners (the "*Petitioners*") respectfully petition the Mayor and City Council of the City of Buckeye, Arizona ("*City Council*") to order the enlargement of the existing City of Buckeye Street Lighting Improvement District No. 2007-SLID-010 (the "*District*") under the Improvement District Law. In support of this Petition, Waiver and Consent to Inclusion of Additional Land within an Existing Street Lighting Improvement District by the City of Buckeye (this "*Petition*"), the Petitioners agree to waive certain rights under the Improvement District Law and hereby consent to the annexation and inclusion of the land shown on *Exhibits A*, *B*, and *C* into the District.

1. Area to be Added to District. The property comprising the proposed addition to the existing District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C* attached hereto and incorporated herein by this reference. The proposed addition consists of an aggregate of 426 lots, 43 tracts and three un-subdivided parcels which are entirely within the corporate boundaries of the City of Buckeye, Arizona (the "*City*"). The Petitioners respectfully request that the land shown on *Exhibits A*, *B*, and *C* be annexed into and become included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

2. Ownership. The Petitioners are the sole owners of all non-public real property within the area proposed to be added to the District.

3. Purpose. The District was formed solely for the purchase of energy for lighting the streets and public parks within and adjacent to the District.

4. Public Convenience and Necessity. The necessity for the enlargement of the District is the purchase of energy for lighting the streets and public parks within and adjacent to the proposed enlarged District by the levying of an annual ad valorem tax or by an equal apportionment of taxes upon all of the non-public real property within the District as provided in A.R.S. § 48-616(C).

5. Payment of Costs by Petitioner. The Petitioners agree to pay the costs and expenses of energy for street lights within and surrounding the proposed addition to the District that operate prior to July 1, 2023, because the District will not be able to levy taxes for such expenses of the area added to the District prior to the City's fiscal year 2023/2024. Tax collections of taxes levied on the property to be annexed to the District will not be posted to the City until on or about July 1, 2023, and the City does not expect to receive taxes from the property described in *Exhibits A*, *B*, and *C* before November 1, 2023.

6. Fees and Reimbursement. The Petitioners have paid all application fees for the expansion of the District and further agree to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the enlargement of the District.

7. Expansion of or Annexation to the District. The Petitioners waive any objection to, or protest against, this or any future enlargement or enlargements of the District and also waive all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioners further waive any objection to, or protest against, the consolidation of the District with any other similar district or districts.

8. Waiver and Consent. The Petitioners, with full knowledge of their rights being waived hereunder, hereby expressly waive:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that resulted in the original formation of the District or previous enlargements of the District or will result in the adoption of the resolution ordering enlargement of the District pursuant to this Petition and any and all future resolution(s) of intention, resolution(s) enlarging the District, and notices pertaining thereto;

b) Any necessity for publication, posting, mailing or recording of the resolution(s) enlarging the District, notices of proposed improvements, or notices described in A.R.S. §§ 48-574(J) and 48-616(M);

c) All protest rights whatsoever under A.R.S. §§ 48-579(A)-(B) and 48-616(M), which provide for protests against the work or objections to the extent of the enlargement of the District;

d) All objection rights whatsoever under A.R.S. § 48-574(L), which provides for objections against the proposed inclusion of the territory proposed to be added to the District; and

e) Any necessity for any notice or hearing with respect to land owned by the Petitioner now within the District or within the property comprising the proposed addition to the District.

9. Equal Apportionment. The Petitioners hereby petition the City Council to equally apportion the District's annual taxes based on the number and classifications of properties within the proposed enlarged District, pursuant to A.R.S. § 48-616(J). The Petitioners further request that no publicly owned land or property owned by a homeowners' association be liable to pay any expenses of the District.

10. Waiver. This Petition shall also be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the proposed addition to the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

11. Public Benefit. The purchase of energy to operate street lighting improvements within the area proposed to be added to the District is of more than local or ordinary public benefit and should be charged against the property within the proposed enlarged District, all of which will benefit thereby.

12. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioners who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

13. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

PROPERTY: See Exhibits A, B, and C.

[Remainder of Page Intentionally Left Blank]

[Signature Pages Follow]

IN WITNESS WHEREOF, the undersigned has executed this Petition as of the 8th day of December, 2021.

PETITIONER

FORESTAR (USA) REAL ESTATE GROUP INC.,
a Delaware corporation

By: _____

Name: Brian Konderik

Its: Division President - AZ, NV, UT

VERIFICATION

Brian Konderik, after being first duly sworn upon his/her oath, deposes and states:

That I am the Division President of FORESTAR (USA) REAL ESTATE GROUP INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Street Lighting Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Silvia Rico before me, the undersigned notary public, this 8th day of December, 2021.

_____
Notary Public

(Seal and Expiration Date)

SILVIA RICO
NOTARY PUBLIC - ARIZONA
MARICOPA COUNTY
COMMISSION # 554248
MY COMMISSION EXPIRES
SEPTEMBER 09, 2022

SBS:sbm 4314916.1 12/7/2021

IN WITNESS WHEREOF, the undersigned has executed this Petition as of the 9TH day of December, 2021.

PETITIONER

D.R. HORTON, INC.,
a Delaware corporation

By: _____

Name: Patrick Brown

Its: Vice President

VERIFICATION

Patrick Brown, after being first duly sworn upon his/her oath, deposes and states:

That I am the Vice President of D.R. HORTON, INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Street Lighting Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Gail Sandoval before me, the undersigned notary public, this 8th day of December, 2021.

_____
Notary Public

(Seal and Expiration Date)

GAIL R. SANDOVAL
Notary Public - State of Arizona
MARICOPA COUNTY
Commission # 589499
Expires July 14, 2024

RECEIPT this 10th day of December, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____

Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA OF DESERT MOON ESTATES
LEGAL DESCRIPTION

That portion of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 89°17'15" East, 1320.94 feet (89°16'59" East, 1320.94 feet record) along the north line of Watson Estates as filed in Book 913, Page 50, Maricopa County Records, Arizona;

Thence South 00°20'16" West, 1330.63 feet (South 00°20'16" West, 1330.63 feet record) along said north line of Watson Estates;

Thence South 89°45'06" East, 1320.99 feet (South 89°44'50" East, 1321.10 feet record) along said north line of Watson Estates to the east line of said Watson Estates;

Thence leaving said north line, South 00°19'47" West, 1319.99 feet (South 00°20'03" West, 1319.93 feet record) along said east line of Watson Estates;

Thence South 00°21'53" West, 1778.95 feet (South 00°22'18" West, 1778.98 feet record) along said east line of Watson Estates to the south line of said Watson Estates;

Thence leaving said east line, South 83°24'24" West, 2661.37 feet (South 83°24'32" West, 2661.42 feet record) feet along said south line of Watson Estates to the southwest corner of said Watson Estates;

Thence continuing South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line to the southwest corner of Replat of Anderson Park as filed in Book 1371, Page 12, Maricopa County Records, Arizona;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet along the south line of said Replat of Anderson Parc to the southeast corner thereof;

Thence North 00°20'44" East, 1975.66 feet along the east line of said Anderson Parc Replat to the northeast corner thereof;

Thence South 89°27'08" West, 1320.79 feet along the north line of said Replat of Anderson Parc to the northwest corner thereof;

Thence North 00°20'43" East, 655.36 feet along the west line of the Northwest Quarter of said Section 16;

Thence North 89°07'13" East, 1320.94 feet along the south line those properties described within Warranty Deed No. 2021-1085411 and Warranty Deed No. 2021-1110820, Maricopa County Records;

Thence leaving said south line, North 00°20'44" East, 1326.04 feet along the east line of the property described within said Warranty Deed No. 2021-1110820 to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 19,123,660 sq. ft. (439.0188 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021

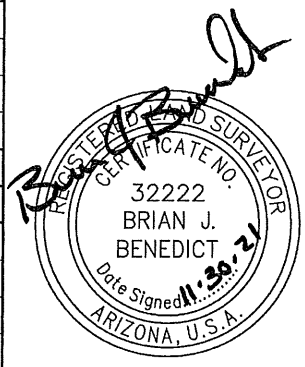


EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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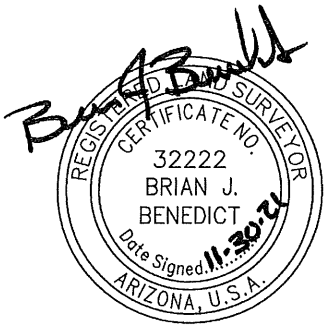
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.



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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION

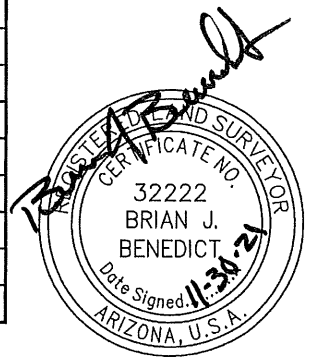

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.



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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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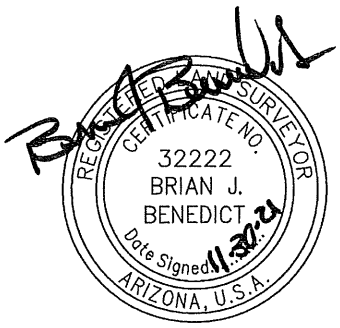
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.



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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
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ANNEXED AREA

HILGARTWILSON
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PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.



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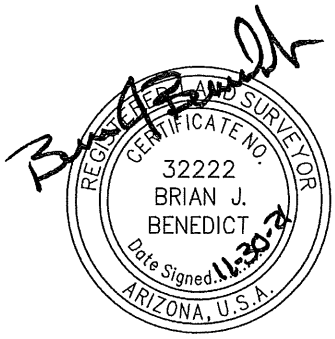
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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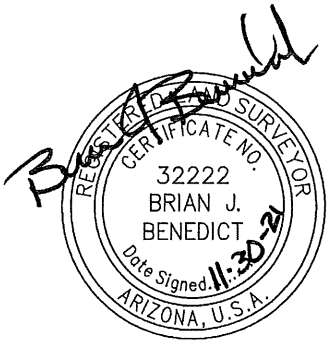
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.



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DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
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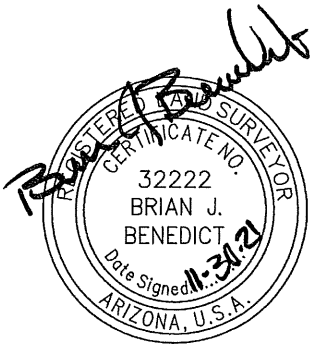
EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC



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DRAWN BY:	RD/GS
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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



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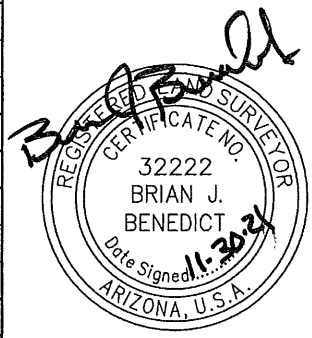
CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007–SLID–010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007–SLID–010
AMENDED TO INCLUDE ANNEXED AREA

HILGARTWILSON
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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010

DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
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EXHIBIT B

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT
NO. 2007-SLID-010
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

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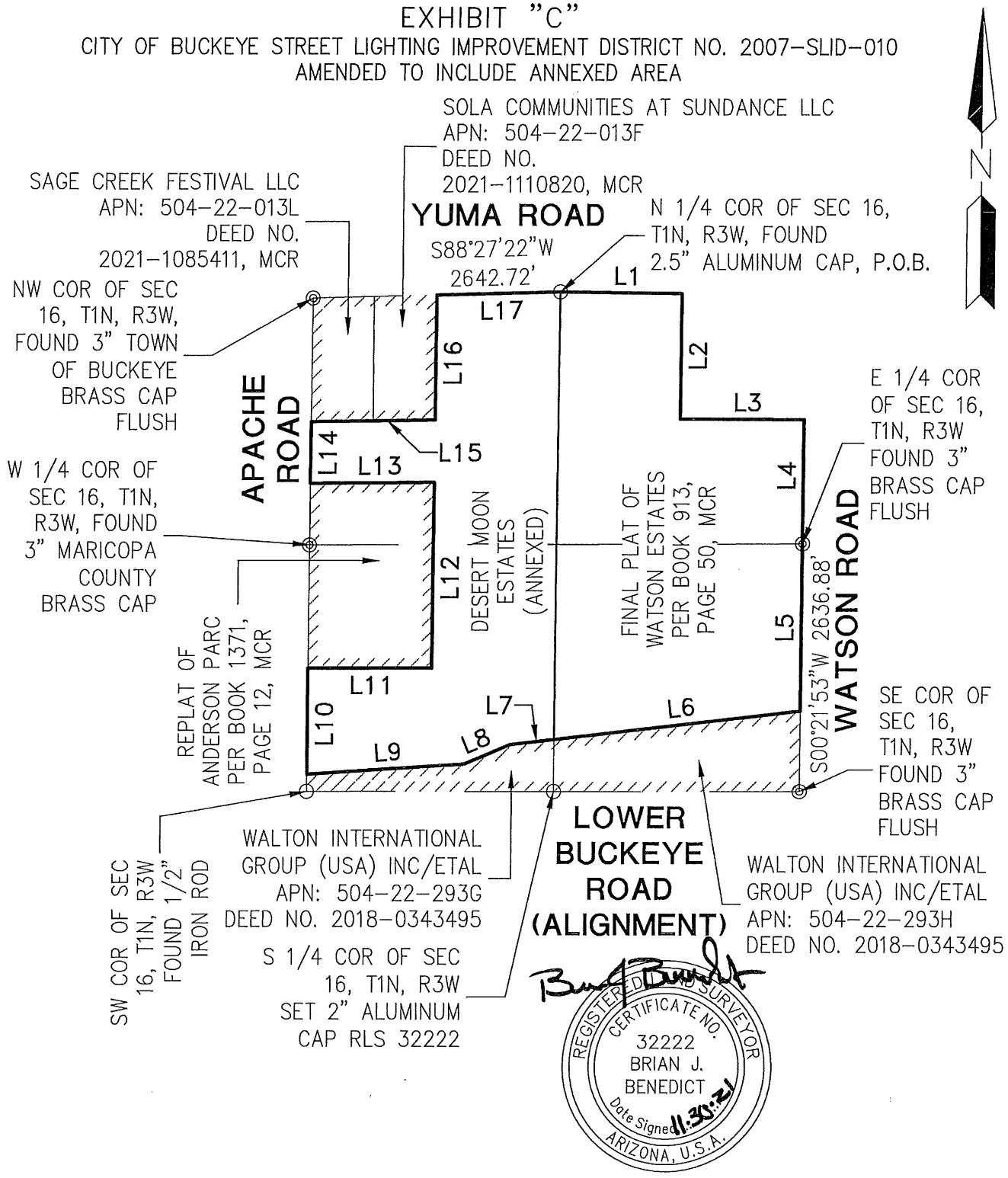
EXHIBIT "C"

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA



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DRAWN BY:	GS
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DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
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ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT "C"

CITY OF BUCKEYE STREET LIGHTING IMPROVEMENT DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE ANNEXED AREA

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S89°17'15"E	1320.94'
L2	S00°20'16"W	1330.63'
L3	S89°45'06"E	1320.99'
L4	S00°19'47"W	1319.99'
L5	S00°21'53"W	1778.95'
L6	S83°24'24"W	2661.37'
L7	S83°24'24"W	473.45'
L8	S67°14'27"W	534.90'
L9	S86°07'59"W	1683.79'
L10	N00°20'42"E	1128.86'
L11	N89°52'13"E	1320.66'
L12	N00°20'44"E	1975.66'
L13	S89°27'08"W	1320.79'
L14	N00°20'43"E	655.36'
L15	N89°07'13"E	1320.94'
L16	N00°20'44"E	1326.04'
L17	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF SECTION 16, T1N, R3W
	SECTION LINE
	PARCEL LINE
	BOUNDARY OF STREET LIGHT IMPROVEMENT DISTRICT
DOC.	DOCUMENT
NO.	NUMBER
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 11-30-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NONE
DRAWN BY:	GS
CHECKED BY:	BJB

DESERT MOON ESTATES
STREET LIGHTING IMPROVEMENT
DISTRICT NO. 2007-SLID-010
AMENDED TO INCLUDE
ANNEXED AREA

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.G. Resolution No. 98-21 Desert Moon Estates Intent to form a Maintenance Improvement District No. 2019-MID-006
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 4
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 98-21 accepting a Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye; declaring the intention to form a Maintenance Improvement District; designating such District as "City of Buckeye Maintenance Improvement District No. 2019-MID-006"; and providing for the annual levy of taxes or an annual assessment against the lots within the District in proportion to the benefits received.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:

MIDs are formed in the City of Buckeye in accordance with Ordinance #42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

BENEFITS:

Maintenance Improvement Districts ensure that only the owners that benefit from the improvements to their community pay for that service. Having the costs of maintenance, repair and improvement of parkways and parks within a District borne by the owners in a development ensure that the revenue needed to fund these costs are always in place. Both Street Lighting Improvement Districts (SLIDs) and Maintenance Improvement Districts (MIDs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents/owners of a particular development without an undue burden upon the existing community.

FUTURE ACTION:

This resolution will be recorded and a conformed copy delivered to the Maricopa County Assessor and the Arizona State Department of Revenue within ten (10) business days of Council action to ensure that this MID is on the tax rolls for fiscal year 2023/2024.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Petition, Waiver Consent - Formation of MID Desert Mood Estates
RES 98-21 Desert Moon Estates - Intent to Form MID.pdf

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

DESERT MOON ESTATES
2019-MID-006

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned property owners (the "*Petitioners*") respectfully petition the Mayor and City Council (the "*City Council*") of the City of Buckeye, Arizona (the "*City*") to order the formation of a residential municipal maintenance improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye (this "*Petition*"), the Petitioners agree to waive certain rights under the Improvement District Law and hereby consent to the formation of a residential municipal maintenance improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioners hereby request the proposed district to be named the "City of Buckeye Maintenance Improvement District No. 2019-MID-006" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. The proposed District consists of an aggregate of 426 lots, 43 tracts and three un-subdivided parcels which are entirely within the corporate boundaries of the City. The Petitioners respectfully request that the land shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioners are the sole owners of all non-public real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of providing for operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins. To enhance such purposes the Petitioners grant to the City the public use of all such parkings, parkways, retention basins and detention basins and access thereto across the Petitioners' property to carry out all District purposes.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or annual special assessment upon all of the non-public real property within the District.

6. Fees and Reimbursement. The Petitioners have paid all application fees for the formation of the District and further agree to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Document Requirements. The Petitioners have previously submitted the following documents to the City's Public Works Department:

a) Street landscaping layout plans.

b) One 24" x 36" copy of the District diagram showing each lot or parcel.

c) A metes and bounds legal description of the District boundary, accompanied by a list of Assessor's parcel numbers within the proposed District and a map showing the District boundary (with back-up material showing that the boundary closes, as necessary).

The Petitioners or the Petitioners' engineer will submit the following documents to the City's Public Works Department concurrently with the submission of this fully executed Petition:

a) Proof of payment of the District application fees.

b) Two 8-1/2" x 11" recordable copies of a legal description of the District boundary and a map showing the District boundary.

8. Expansion of or Annexation to the District. The Petitioners waive any objection to, or protest against, any future enlargement or enlargements of the District and also waive all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioners further waive any objection to, or protest against, the consolidation of the District with any other similar district or districts.

9. Waiver and Consent. The Petitioners, with full knowledge of their rights being waived hereunder, hereby expressly waive:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing or recording of the resolution of intention and the notice of proposed improvements pursuant to A.R.S. § 48-578;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioners now within the proposed boundaries of the District.

10. Expenses. The Petitioners hereby petition the City Council to provide for the expenses of the District by assessment of the total sum upon the several lots, each respectively in proportion to the benefits to be received by each lot within the District, pursuant to A.R.S. § 48-574(D). The Petitioners further request that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District. The Petitioners hereby agree that each non-public parcel within the property proposed to be included in the District receives the same benefits as each other non-public parcel proposed to be included in the District.

11. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

12. Public Benefit. The operation, maintenance, repair and improvements of parkings, parkways, retention basins and detention basins within, adjacent to, or serving the District is of more than local or ordinary public benefit and the costs and expense thereof should be charged against the property within the District, all of which will benefit thereby.

13. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioners who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

14. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

15. Counterparts. For convenience, this Petition may be executed in one or more counterparts and each executed counterpart shall for all purposes be deemed an original and shall have the same force and effect as an original, but all of which together shall constitute in the aggregate but one and the same instrument.

The Petitioners hereby request the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

PROPERTY: See Exhibits A, B, and C.

IN WITNESS WHEREOF, the undersigned representatives of the Petitioners have executed this Petition as of the dates shown below.

[Remainder of Page Intentionally Left Blank]

[Signature Pages to Follow]

PETITIONER

FORESTAR (USA) REAL ESTATE GROUP INC.,
a Delaware corporation

By: _____

Name: Brian Konderik

Its: Division President - AZ, NV, UT

Date: 12/9/2021

VERIFICATION

Brian Konderik, after being first duly sworn upon his/her oath, deposes and states:

That I am the Division President of FORESTAR (USA) REAL ESTATE GROUP INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Silvia Rico before me, the undersigned notary public, this 09 day of December, 2021.

_____
Notary Public

(Seal and Expiration Date)

SILVIA RICO
NOTARY PUBLIC - ARIZONA
MARICOPA COUNTY
COMMISSION # 554248
MY COMMISSION EXPIRES
SEPTEMBER 09 2022

SBM:sbm 4315066.3 12/07/2021

PETITIONER

D.R. HORTON, INC.,
a Delaware corporation

By: _____

Name: Patrick Brown

Its: Vice President

Date: 12/9/2021

VERIFICATION

Patrick Brown, after being first duly sworn upon his/her oath, deposes and states:

That I am the Vice President of D.R. HORTON, INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Patrick Brown before me, the undersigned notary public, this 9 day of December, 2021.

MICHAEL VOIGT
Notary Public - State of Arizona
MARICOPA COUNTY
My Commission Expires
June 6, 2022

Michael Voigt
Notary Public

(Seal and Expiration Date)

RECEIPT this 9th day of December, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____

Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES
LEGAL DESCRIPTION

A portion of land being situated within the West Half of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, being more particularly described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the Northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 00°20'45" West, 4757.32 feet along the north-south mid-section line;

Thence leaving said north-south mid-section line, South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet;

Thence North 00°20'44" East, 1975.66 feet;

Thence South 89°27'08" West, 1320.79 feet to the west line of the Northwest Quarter of said Section 16;

Thence North 00°20'43" East, 655.36 feet along said west line;

Thence leaving said west line, North 89°07'13" East, 1320.94 feet;

Thence North 00°20'44" East, 1326.04 feet to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 8,751,948 sq. ft. (200.9171 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021

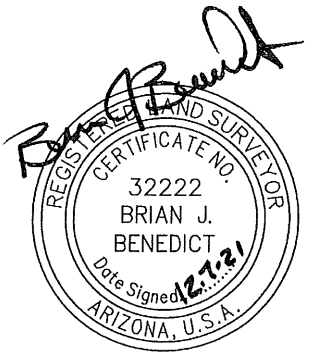


EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.: 1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE: NOV 2021		
SCALE: N.T.S		
DRAWN BY: RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY: BJB		

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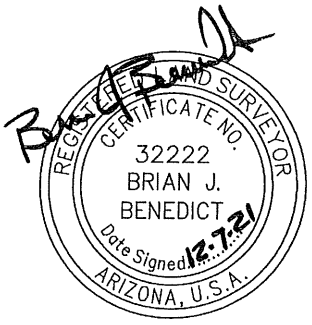
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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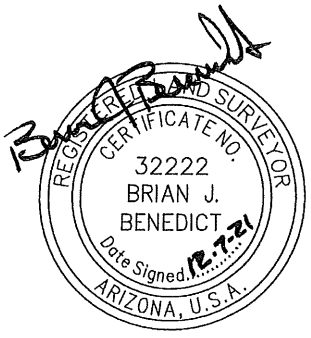
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION



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DATE:	NOV 2021
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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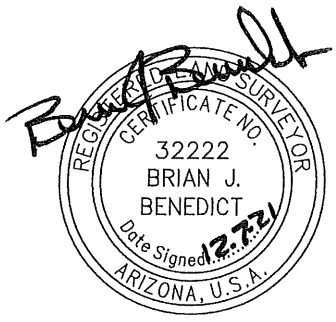
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.



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LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
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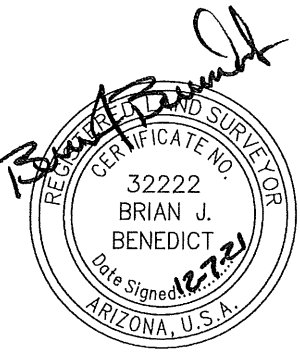
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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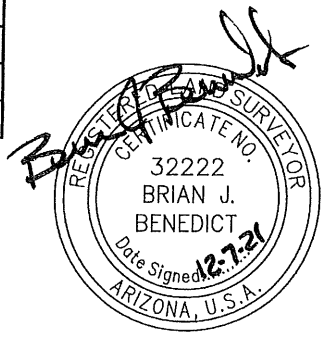
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.: 1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE: NOV 2021		
SCALE: N.T.S		
DRAWN BY: RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY: BJB		

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS		
CHECKED BY:	BJB	MAINTENANCE IMPROVEMENT DISTRICT	

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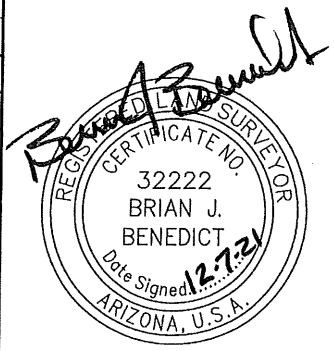
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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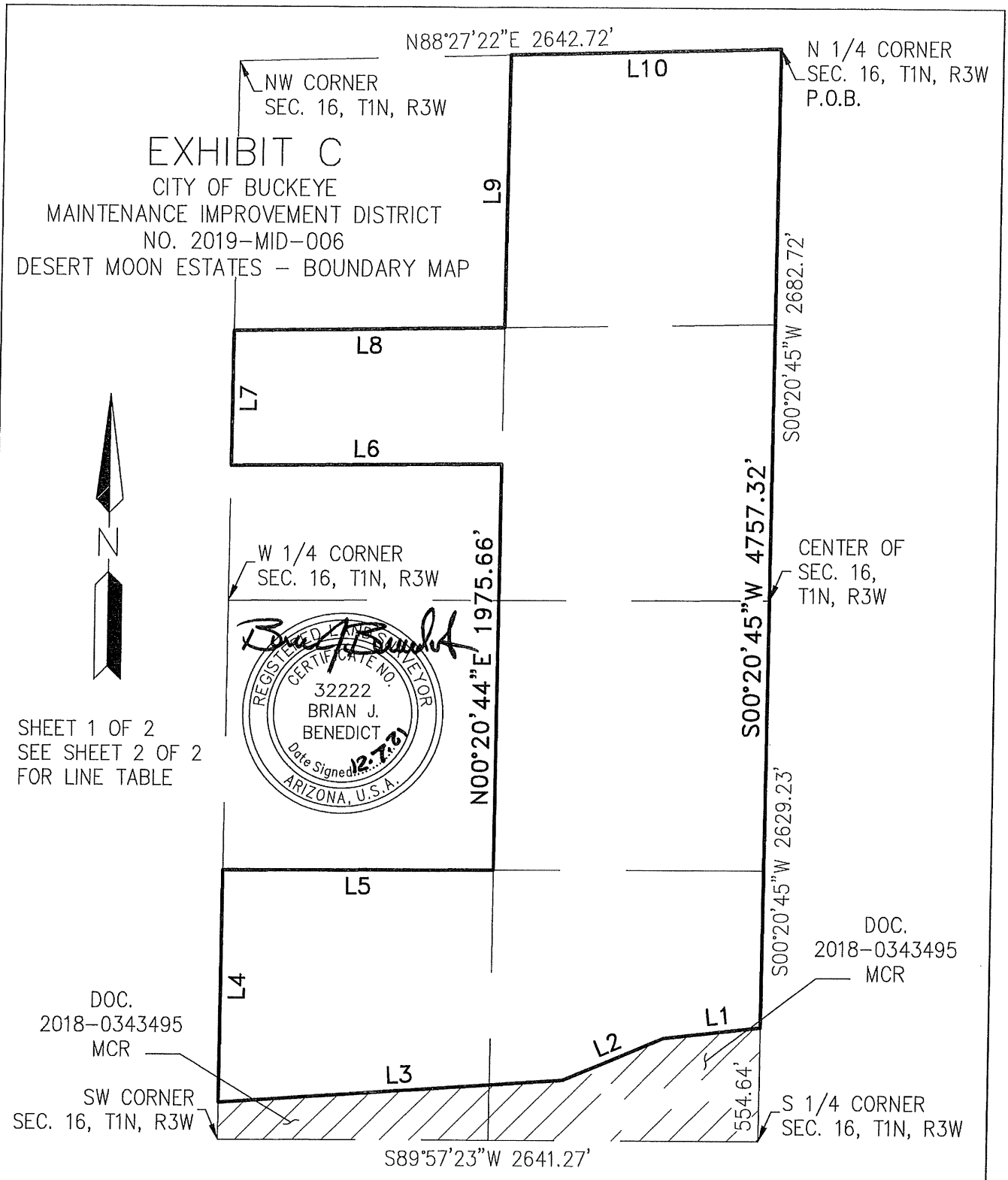

EXHIBIT C

CITY OF BUCKEYE
MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – BOUNDARY MAP

SHEET 1 OF 2
SEE SHEET 2 OF 2
FOR LINE TABLE

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NTS
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
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EXHIBIT C

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – BOUNDARY MAP

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S83°24'24"W	473.45'
L2	S67°14'27"W	534.90'
L3	S86°07'59"W	1683.79'
L4	N00°20'42"E	1128.86'
L5	N89°52'13"E	1320.66'
L6	S89°27'08"W	1320.79'
L7	N00°20'43"E	655.36'
L8	N89°07'13"E	1320.94'
L9	N00°20'44"E	1326.04'
L10	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF THE SOUTH HALF OF SECTION 16, T1N, R3W
	SECTION LINE
	PARCEL LINE
	BOUNDARY OF MAINTENANCE IMPROVEMENT DISTRICT
DOC.	DOCUMENT
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

SHEET 2 OF 2

PROJ.NO.:	1826	DESERT MOON ESTATES APACHE & LOWER BUCKEYE RD BUCKEYE, ARIZONA
DATE:	NOV 2021	
SCALE:	NONE	
DRAWN BY:	CM/GS	MAINTENANCE IMPROVEMENT DISTRICT
CHECKED BY:	BJB	

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 98-21

RESOLUTION OF THE COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ACCEPTING A PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE; DECLARING THE INTENTION TO FORM A MAINTENANCE IMPROVEMENT DISTRICT; DESIGNATING SUCH DISTRICT AS "CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT NO. 2019-MID-006"; AND PROVIDING FOR THE ANNUAL LEVY OF TAXES OR AN ANNUAL ASSESSMENT AGAINST THE LOTS WITHIN THE DISTRICT IN PROPORTION TO THE BENEFITS RECEIVED.

BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Acceptance and Findings. A Petition for the formation of the City of Buckeye Maintenance Improvement District No. 2019-MID-006 to operate, maintain, repair and improve Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins has been filed with the Clerk and presented to the Mayor and Council at the meeting at which this Resolution was adopted. The Petition is accepted. The Petition purports to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders. After verification of such ownership, the Mayor and Council find that the Petition was signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders.

Section 2. Definitions. In this Resolution, the following terms shall have the following meanings:

"*City*" shall mean the City of Buckeye, Arizona.

"*Clerk*" shall mean the Clerk of the City of Buckeye, Arizona located at 530 East Monroe Avenue, Buckeye, Arizona 85326.

"*Detention Basin*" shall mean a flood control structure that captures and diverts stormwater runoff and typically does not retain a permanent pool of water.

"*District*" shall mean the City of Buckeye Maintenance Improvement District No. 2019-MID-006, encompassing the property described in *Exhibits A*, *B*, and *C* attached hereto.

"*Mayor and Council*" shall mean the Mayor and Council of the City.

"*Landscaping*" shall mean trees, plants, grass, ornamental structures, lighting structures and facilities for watering or otherwise maintaining such landscaping that are now in place or hereafter constructed or acquired for beautification of streets within or adjacent to the District.

"*Parking*" shall mean the landscaped public area lying between a sidewalk and the adjacent street.

"*Parkway*" shall mean a street with landscaped sides and/or a landscaped center median and shall also include ornamentation that enhances the beauty of a street.

"*Petition*" shall mean the petition, waiver and consent to formation of a municipal parkway maintenance improvement district by the City on file in the Clerk's office.

"*Public Property*" shall mean any lot or parcel belonging to the United States, the state of Arizona (the "*State*"), any county, city, town, school district or any political subdivision or institution of the State or county that is physically located within the District, including, without limitation any public street, avenue, alley or public easement located within the District hereinafter dedicated to public use.

"*Retention Basin*" shall mean a stormwater control structure that captures and retains stormwater runoff and typically retains a permanent pool of water.

"*Work*" shall mean the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins.

Section 3. Declaration of Intention to Order Formation of the District. The public interest and convenience require and it is the intention of the Mayor and Council to order the Work through formation of the District pursuant to Title 48, Chapter 4, Article 2, Arizona Revised Statutes. The District's sole purpose shall be for the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins. For purposes of this Resolution and

of all resolutions, ordinances and notices pertaining hereto, the District shall be known as, and is hereby designated, "City of Buckeye Maintenance Improvement District No. 2019-MID-006".

Section 4. Omission of Public Property from District. Any Public Property or property owned by a homeowners' association that is included within the District shall be omitted from all assessments or taxes hereafter to be made with respect to the District. Additionally, any public streets, avenues, alleys, or public easements hereafter dedicated to public use shall become exempt after such dedication.

Section 5. Statutory Authority. All proceedings pertaining to the District shall be done under and as authorized by Title 48, Chapter 4, Article 2, Arizona Revised Statutes, and all amendments thereto including, without limitation, Section 48-574.

Section 6. Protests and Objections to Extent of District. In the Petition, the signer has made written consents and waivers pertaining to the ordering of the Work and to the formation of the District and has specifically waived all protests against formation of, and objections to, the extent of the District. City staff has verified that all non-public real property owners within the District exclusive of mortgagees and other lienholders have signed the Petition, and the Mayor and Council find as a fact that all such property owners within the District have signed such Petition. Therefore, no publication or posting of any notice pertaining to formation of the District will be made.

Section 7. Engineer's Estimate. The District's sole purpose will be for the operation, maintenance, repair and improvement of Parkings, Parkways, Retention Basins and Detention Basins within, adjacent to, or that serve the District, and public Landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such Parkings, Parkways, Retention Basins and Detention Basins. No engineer's estimate, plans, or specifications have been filed with the Clerk. In the Petition, the signer specifically waived the filing of an engineer's estimate, plans, or specifications.

Section 8. Recordation. A certified copy of this Resolution shall be recorded in the office of the Maricopa County Recorder within ten (10) days of its adoption to give notice of formation of the District, as required by A.R.S. § 48-574(M).

Section 9. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial assessments are to be levied, or the resolution ordering the Work is not filed with both the Arizona Department of Revenue and the Maricopa County Assessor prior to such November 1, the Mayor and Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Arizona Department of Revenue extend the deadline prescribed by A.R.S. § 42-17257(A) to December 20, 2022.

PASSED AND ADOPTED by the Mayor and Council of the City of Buckeye, Arizona on this 21st day of December, 2021.

Eric W. Orsborn, Mayor

ATTEST:

Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

Shiela B. Schmidt, City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 98-21 was duly passed by the Mayor and City Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, _____ abstained and _____ were absent and that the Mayor and ____ Council Members were present thereat.

DATED: December 21, 2021.

Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES
LEGAL DESCRIPTION

A portion of land being situated within the West Half of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, being more particularly described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the Northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 00°20'45" West, 4757.32 feet along the north-south mid-section line;

Thence leaving said north-south mid-section line, South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet;

Thence North 00°20'44" East, 1975.66 feet;

Thence South 89°27'08" West, 1320.79 feet to the west line of the Northwest Quarter of said Section 16;

Thence North 00°20'43" East, 655.36 feet along said west line;

Thence leaving said west line, North 89°07'13" East, 1320.94 feet;

Thence North 00°20'44" East, 1326.04 feet to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 8,751,948 sq. ft. (200.9171 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021



EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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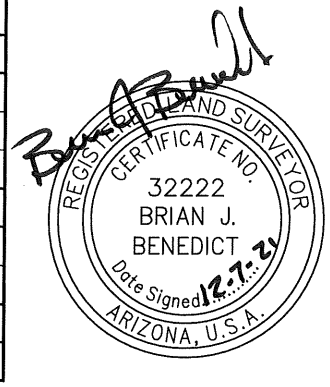
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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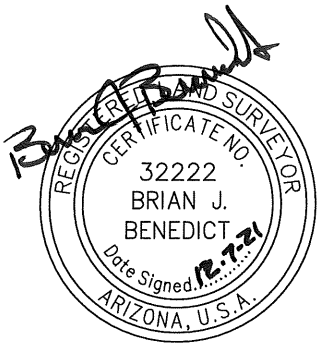
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.



PROJ.NO.: 1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE: NOV 2021		
SCALE: N.T.S		
DRAWN BY: RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY: BJB		

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.: 1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE: NOV 2021		
SCALE: N.T.S		
DRAWN BY: RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY: BJB		

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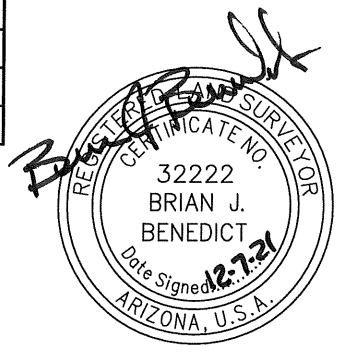
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
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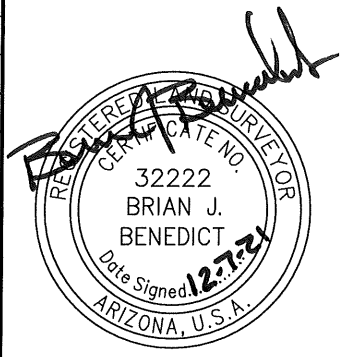
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC



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LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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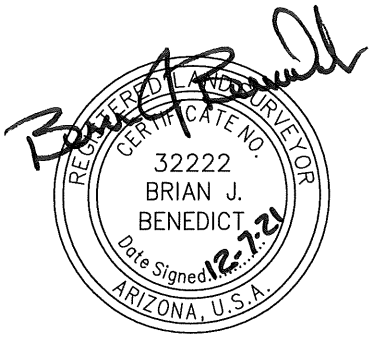
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC



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DATE:	NOV 2021
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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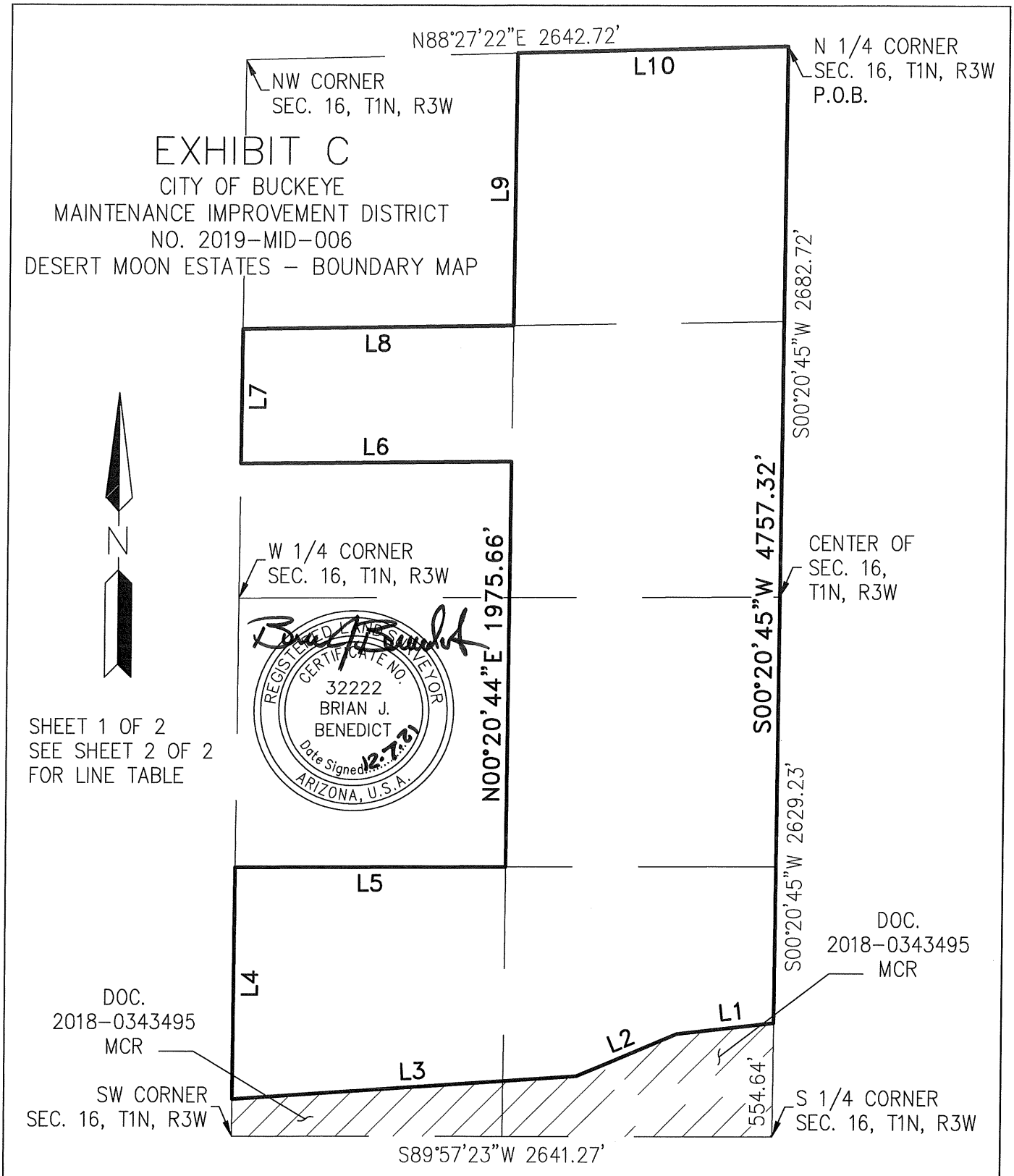

EXHIBIT C

CITY OF BUCKEYE
MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – BOUNDARY MAP

SHEET 1 OF 2
SEE SHEET 2 OF 2
FOR LINE TABLE

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NTS
DRAWN BY:	RD/GS
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DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
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EXHIBIT C

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – BOUNDARY MAP

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S83°24'24"W	473.45'
L2	S67°14'27"W	534.90'
L3	S86°07'59"W	1683.79'
L4	N00°20'42"E	1128.86'
L5	N89°52'13"E	1320.66'
L6	S89°27'08"W	1320.79'
L7	N00°20'43"E	655.36'
L8	N89°07'13"E	1320.94'
L9	N00°20'44"E	1326.04'
L10	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF THE SOUTH HALF OF SECTION 16, T1N, R3W
	SECTION LINE
	PARCEL LINE
	BOUNDARY OF MAINTENANCE IMPROVEMENT DISTRICT
DOC.	DOCUMENT
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

SHEET 2 OF 2

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NONE
DRAWN BY:	CM/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.H. Resolution No. 99-21 Desert Moon Estates Ordering the work Maintenance Improvement District No. 2019-MID-006
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 4
STAFF LIAISON: Scott Lowe, Public Works Director, slowe@buckeyeaz.gov, (623) 349-6815	
DEPARTMENT: Public Works	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 99-21 ordering the work as described in Resolution No. 98-21; ordering the formation of City of Buckeye Maintenance Improvement District No. 2019-MID-006; ordering recording and filing of this Resolution.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
MIDs are formed in the City of Buckeye in accordance with Ordinance #42-06 and assess the owners within a development for the cost of maintenance of the landscaping along the rights-of-ways within a development MID. MIDs are not activated unless the development's owners should fail or otherwise go out of business, since the owner is charged with that maintenance responsibility; however, the MID is standing by as a protection for the City to ensure that there is adequate revenue to take on the maintenance.

BENEFITS:
Maintenance Improvement Districts ensure that only the owners that benefit from the improvements to their community pay for that service. Having the costs of maintenance, repair and improvement of parkways and parks within a District borne by the owners in a development ensure that the revenue needed to fund these costs are always in place. Both Street Lighting Improvement Districts (SLIDs) and Maintenance Improvement Districts (MIDs) provide for the benefit of ensuring that there is a balance of revenue and expenditures to provide for the quality of life for the residents/owners of a particular development without an undue burden upon the existing community.

FUTURE ACTION:
This resolution will be recorded and a conformed copy delivered to the Maricopa County Assessor and the Arizona State Department of Revenue within ten (10) business days of Council action to ensure that this MID is on the tax rolls for fiscal year 2023/2024.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

FISCAL YEAR:
FY23/24

FUND/DEPARTMENT:
SLIDs

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
Petition, Waiver Consent - Formation of MID Desert Moon Estates
RES 99-21 Desert Moon Estates - Ordering Work for MID.PDF

When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

PETITION, WAIVER AND CONSENT TO FORMATION OF A MAINTENANCE IMPROVEMENT DISTRICT BY THE CITY OF BUCKEYE

DESERT MOON ESTATES
2019-MID-006

To: Honorable Mayor and Councilmembers
City of Buckeye, Arizona

Pursuant to Arizona Revised Statutes ("*A.R.S.*") Title 48, Chapter 4, Article 2 (the "*Improvement District Law*"), the undersigned property owners (the "*Petitioners*") respectfully petition the Mayor and City Council (the "*City Council*") of the City of Buckeye, Arizona (the "*City*") to order the formation of a residential municipal maintenance improvement district under the Improvement District Law. In support of this Petition, Waiver and Consent to Formation of a Maintenance Improvement District by the City of Buckeye (this "*Petition*"), the Petitioners agree to waive certain rights under the Improvement District Law and hereby consent to the formation of a residential municipal maintenance improvement district encompassing the land shown on *Exhibits A*, *B*, and *C*, attached hereto and incorporated by reference herein.

1. Name of District. The Petitioners hereby request the proposed district to be named the "City of Buckeye Maintenance Improvement District No. 2019-MID-006" (the "*District*").

2. Area of District. The property comprising the proposed District is described by a legal description, Assessor's parcel numbers, and a map or plat of the area, all as set forth in *Exhibits A*, *B*, and *C*. The proposed District consists of an aggregate of 426 lots, 43 tracts and three un-subdivided parcels which are entirely within the corporate boundaries of the City. The Petitioners respectfully request that the land shown on *Exhibits A*, *B* and *C* be included within the District. The Assessor's parcel numbers set forth in *Exhibit B* are for convenience only. Should either the legal description set forth in *Exhibit A* or the Assessor's parcel numbers set forth in *Exhibit B* conflict with *Exhibit C*, *Exhibit C* shall govern.

3. Ownership. The Petitioners are the sole owners of all non-public real property within the proposed District.

4. Purpose. The District is proposed to be formed for the purpose of providing for operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins. To enhance such purposes the Petitioners grant to the City the public use of all such parkings, parkways, retention basins and detention basins and access thereto across the Petitioners' property to carry out all District purposes.

5. Public Convenience and Necessity. Public convenience, necessity and welfare will be promoted by the formation of the District, the inclusion of the property described in *Exhibits A*, *B*, and *C* within the District, and the levying of an annual ad valorem tax or annual special assessment upon all of the non-public real property within the District.

6. Fees and Reimbursement. The Petitioners have paid all application fees for the formation of the District and further agree to reimburse the City for all reasonable legal and engineering fees and costs incurred by the City with respect to the formation of the District.

7. Document Requirements. The Petitioners have previously submitted the following documents to the City's Public Works Department:

a) Street landscaping layout plans.

b) One 24" x 36" copy of the District diagram showing each lot or parcel.

c) A metes and bounds legal description of the District boundary, accompanied by a list of Assessor's parcel numbers within the proposed District and a map showing the District boundary (with back-up material showing that the boundary closes, as necessary).

The Petitioners or the Petitioners' engineer will submit the following documents to the City's Public Works Department concurrently with the submission of this fully executed Petition:

a) Proof of payment of the District application fees.

b) Two 8-1/2" x 11" recordable copies of a legal description of the District boundary and a map showing the District boundary.

8. Expansion of or Annexation to the District. The Petitioners waive any objection to, or protest against, any future enlargement or enlargements of the District and also waive all notices of such enlargement or enlargements, whether required to be published, posted, or mailed with respect to the later enlargement of the District's boundaries. The Petitioners further waive any objection to, or protest against, the consolidation of the District with any other similar district or districts.

9. Waiver and Consent. The Petitioners, with full knowledge of their rights being waived hereunder, hereby expressly waive:

a) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings resulting in the resolution of intention and the resolution ordering the work relating to the formation of the District;

b) The right to challenge or object to any and all irregularities, illegalities or deficiencies which may exist in the acts or proceedings that result in the adoption of any and all future resolutions of intention, resolutions ordering work, resolutions enlarging the District, and notices pertaining thereto;

c) Any necessity for publication, posting, mailing or recording of the resolution of intention and the notice of proposed improvements pursuant to A.R.S. § 48-578;

d) All protest rights whatsoever under A.R.S. § 48-579(A) and (B), which provide for protests against the work;

e) All objections to the extent of the District under A.R.S. § 48-579(C);

f) All objections to the lack of plans and specifications, the engineer's estimate and an assessment diagram, all which are unnecessary for completion of the District's formation or purpose; and

g) Any necessity for any notice or hearing with respect to land owned by the Petitioners now within the proposed boundaries of the District.

10. Expenses. The Petitioners hereby petition the City Council to provide for the expenses of the District by assessment of the total sum upon the several lots, each respectively in proportion to the benefits to be received by each lot within the District, pursuant to A.R.S. § 48-574(D). The Petitioners further request that no publicly owned land or property owned by a homeowners' association shall be liable to pay any expenses of the District. The Petitioners hereby agree that each non-public parcel within the property proposed to be included in the District receives the same benefits as each other non-public parcel proposed to be included in the District.

11. Waiver of Petition. This Petition shall be deemed to be a petition of more than one-half (1/2) of the taxable property units and more than one-half (1/2) of the assessed valuation within the District and as such shall also be deemed to be a waiver of any and all requirements to file a petition under A.R.S. § 48-576, as amended.

12. Public Benefit. The operation, maintenance, repair and improvements of parkings, parkways, retention basins and detention basins within, adjacent to, or serving the District is of more than local or ordinary public benefit and the costs and expense thereof should be charged against the property within the District, all of which will benefit thereby.

13. Successors and Assigns. To the extent permitted by law, this Petition shall be binding on all successors or assigns of the Petitioners who hereafter own or have an interest in the property described in *Exhibits A*, *B*, and *C* attached hereto.

14. Recordation. This Petition may be recorded in the office of the Maricopa County Recorder and in the office of the Superintendent of Streets of the City.

15. Counterparts. For convenience, this Petition may be executed in one or more counterparts and each executed counterpart shall for all purposes be deemed an original and shall have the same force and effect as an original, but all of which together shall constitute in the aggregate but one and the same instrument.

The Petitioners hereby request the City Council of the City to adopt a resolution of intention to order the proposed improvements and to proceed with the improvements requested herein.

PROPERTY: See Exhibits A, B, and C.

IN WITNESS WHEREOF, the undersigned representatives of the Petitioners have executed this Petition as of the dates shown below.

[Remainder of Page Intentionally Left Blank]

[Signature Pages to Follow]

PETITIONER

FORESTAR (USA) REAL ESTATE GROUP INC.,
a Delaware corporation

By: _____

Name: Brian Konderik

Its: Division President - AZ, NV, UT

Date: 12/9/2021

VERIFICATION

Brian Konderik, after being first duly sworn upon his/her oath, deposes and states:

That I am the Division President of FORESTAR (USA) REAL ESTATE GROUP INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Silvia Rico before me, the undersigned notary public, this 09 day of December, 2021.

_____
Notary Public

(Seal and Expiration Date)

SILVIA RICO
NOTARY PUBLIC - ARIZONA
MARICOPA COUNTY
COMMISSION # 554248
MY COMMISSION EXPIRES
SEPTEMBER 09 2022

SBM:sbm 4315066.3 12/07/2021

PETITIONER

D.R. HORTON, INC.,
a Delaware corporation

By: _____

Name: Patrick Brown

Its: Vice President

Date: 12/9/2021

VERIFICATION

Patrick Brown, after being first duly sworn upon his/her oath, deposes and states:

That I am the Vice President of D.R. HORTON, INC., a Delaware corporation, the above-named Petitioner; that I make this Verification in that capacity; that I have read the foregoing Petition, Waiver and Consent to Expansion of a Maintenance Improvement District by the City of Buckeye; and I know the contents thereof to be true.

SUBSCRIBED AND SWORN TO by Patrick Brown before me, the undersigned notary public, this 9 day of December, 2021.

MICHAEL VOIGT
Notary Public - State of Arizona
MARICOPA COUNTY
My Commission Expires
June 6, 2022

Michael Voigt
Notary Public

(Seal and Expiration Date)

RECEIPT this 9th day of December, 2021, of the foregoing Petition is hereby acknowledged by the City Clerk of the City of Buckeye, Arizona, who will deliver said Petition to the City Council for action.

_____

Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES
LEGAL DESCRIPTION

A portion of land being situated within the West Half of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, being more particularly described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the Northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 00°20'45" West, 4757.32 feet along the north-south mid-section line;

Thence leaving said north-south mid-section line, South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet;

Thence North 00°20'44" East, 1975.66 feet;

Thence South 89°27'08" West, 1320.79 feet to the west line of the Northwest Quarter of said Section 16;

Thence North 00°20'43" East, 655.36 feet along said west line;

Thence leaving said west line, North 89°07'13" East, 1320.94 feet;

Thence North 00°20'44" East, 1326.04 feet to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 8,751,948 sq. ft. (200.9171 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021

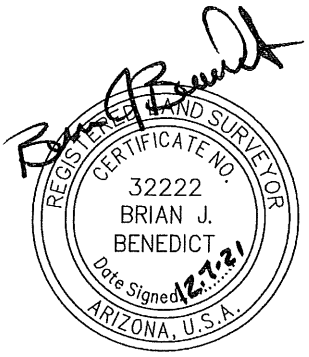


EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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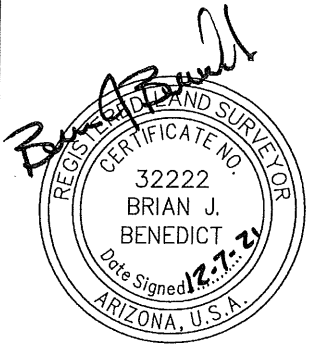
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.



PROJ.NO.: 1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE: NOV 2021		
SCALE: N.T.S		
DRAWN BY: RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY: BJB		

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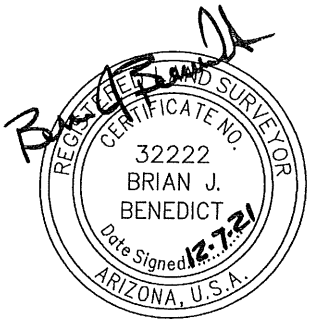
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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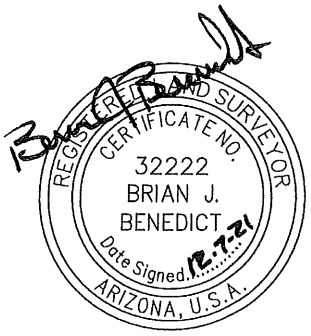
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
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MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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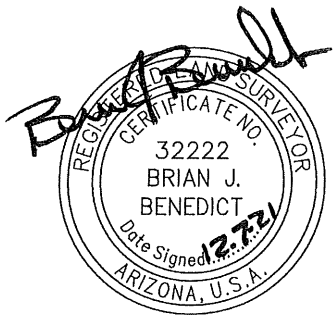
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.



PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.



PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
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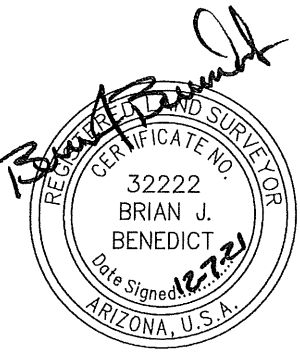
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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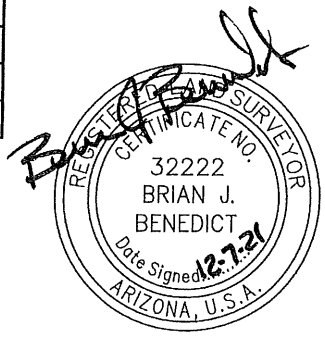
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



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DESERT MOON ESTATES
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BUCKEYE, ARIZONA

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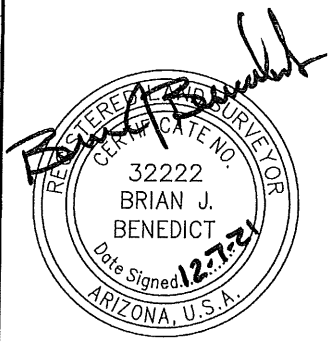
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS		
CHECKED BY:	BJB	MAINTENANCE IMPROVEMENT DISTRICT	

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS		
CHECKED BY:	BJB	MAINTENANCE IMPROVEMENT DISTRICT	

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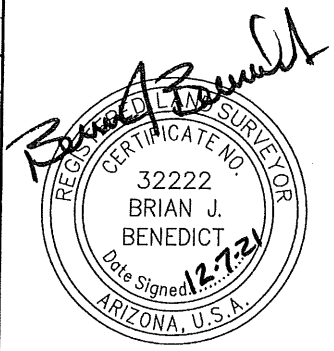
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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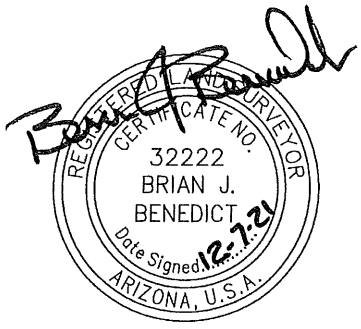
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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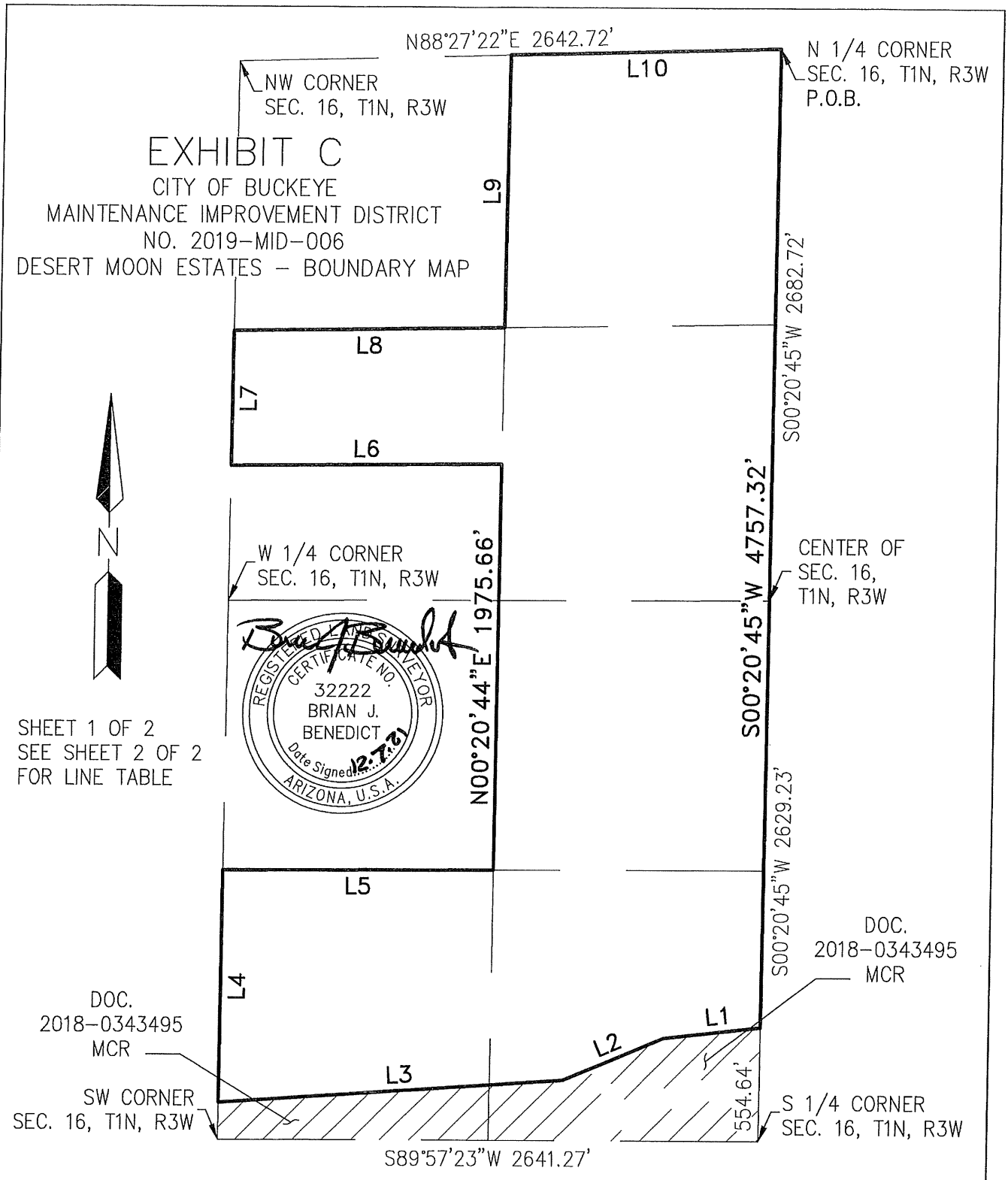

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NTS
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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2141 E. HIGHLAND AVE., STE. 250
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EXHIBIT C

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019–MID–006
DESERT MOON ESTATES – BOUNDARY MAP

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S83°24'24"W	473.45'
L2	S67°14'27"W	534.90'
L3	S86°07'59"W	1683.79'
L4	N00°20'42"E	1128.86'
L5	N89°52'13"E	1320.66'
L6	S89°27'08"W	1320.79'
L7	N00°20'43"E	655.36'
L8	N89°07'13"E	1320.94'
L9	N00°20'44"E	1326.04'
L10	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF THE SOUTH HALF OF SECTION 16, T1N, R3W
	SECTION LINE
	PARCEL LINE
	BOUNDARY OF MAINTENANCE IMPROVEMENT DISTRICT
DOC.	DOCUMENT
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

SHEET 2 OF 2

PROJ.NO.:	1826	DESERT MOON ESTATES APACHE & LOWER BUCKEYE RD BUCKEYE, ARIZONA
DATE:	NOV 2021	
SCALE:	NONE	
DRAWN BY:	CM/GS	MAINTENANCE IMPROVEMENT DISTRICT
CHECKED BY:	BJB	

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2141 E. HIGHLAND AVE., STE. 250
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When Recorded, Return to:

Lucinda J. Aja, City Clerk
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

RESOLUTION NO. 99-21

RESOLUTION OF THE COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ORDERING THE WORK AS DESCRIBED IN RESOLUTION NO. 98-21; ORDERING THE FORMATION OF CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT NO. 2019-MID-006; ORDERING RECORDING AND FILING OF THIS RESOLUTION.

WHEREAS, on December 21, 2021, the Mayor and City Council of the City of Buckeye, Arizona (the "*City*") passed and adopted Resolution No. 98-21 (the "*Resolution of Intention*"), which Resolution of Intention declared the Mayor and City Council's intention to form the City of Buckeye Maintenance Improvement District No. 2019-MID-006 (the "*District*"), solely for the purpose of operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins within, adjacent to, or that serve the District, as it now exists or is hereafter dedicated, constructed, modified or enlarged, and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins (collectively, the "*Work*"); and

WHEREAS, a legal description, Assessor's parcel numbers and a map of the proposed District boundaries are attached hereto as *Exhibits A*, *B*, and *C* and incorporated by reference herein; and

WHEREAS, prior to adoption of the Resolution of Intention, a petition (the "*Petition*") for the formation of the District was presented to this Mayor and City Council, which Petition purported to be signed by all of the non-public real property owners in the proposed District, exclusive of mortgagees and other lienholders; and

WHEREAS, the Mayor and City Council accepted the Petition and found that the Petition was signed by all such owners and have verified such finding of such fact; and

WHEREAS, in the Petition the signer waived all protests against the proposed Work, all objections to the extent of the District, and all publication, posting and mailing of the Resolution of Intention and this Resolution; and

WHEREAS, pursuant to A.R.S. §§ 48-574 and -579, the Mayor and City Council hereby find and determine that they have jurisdiction to order the Work of operation, maintenance, repair and improvement of parkings, parkways, retention basins and detention basins and public landscaping, street lights, all headwalls, pumps, piping, canals, washes, ditches, storm drain

inlets, scuppers, dry wells, and other adjuncts and appliances related to such parkings, parkways, retention basins and detention basins that are or hereafter will be within or adjacent to the District as it is described in the Resolution of Intention or is hereafter modified or enlarged, and by this Resolution order the formation of the District described in the Resolution of Intention;

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. Ordering the Work and District Formation. All protests against the Work or the formation of the District and all objections to the extent of the District being waived by the owners of all non-public real property within the District, exclusive of mortgagees and lienholders, the Work as described in the Resolution of Intention is hereby ordered and the formation of the City of Buckeye Maintenance Improvement District No. 2019-MID-006 is hereby ordered. The legal description, Assessor's parcel numbers and boundary map of the District are set forth in *Exhibits A*, *B*, and *C*.

Section 2. Excluded Property. No publicly owned land or property owned by a homeowners' association will be liable to pay any portion of the District's costs and expenses. This exclusion shall apply to all public streets, avenues, alleys, or public easements within the District that may hereafter be dedicated to public use.

Section 3. Annual Tax or Annual Assessment. Subject to the restrictions of Section 2 of this Resolution, the City shall annually, commencing in tax year 2023 and for the City's 2023-2024 fiscal year, make annual statements and estimates of the expenses of the District, if any, and shall submit the same to the Board of Supervisors of Maricopa County for the levy and collection of ad valorem taxes upon the assessed value of all taxable property, real and personal, in the District or by equal apportionment of taxes based on the number and classification of properties within the District, and shall publish notice of the statements and estimates, hold hearings on them and adopt them at the times and in the manner provided for an incorporated city's statements and estimates by applicable portions of Title 42, Chapter 17, Article 3, Arizona Revised Statutes, and shall annually set, fix and cause to be levied and assessed the amount to be raised by ad valorem taxes upon all of the taxable property of the District and shall cause to be collected, as county taxes are collected, the amounts shown by the statements and estimates so adopted by the Mayor and City Council. As provided in A.R.S. § 48-574, all statutes providing for the levy and collection of general county taxes, including collection of delinquent taxes and sale of property for nonpayment of taxes, are applicable to the District taxes as provided to be levied by this section.

Section 4. Recording and Filing. The City Clerk is ordered and directed to cause a certified copy of this Resolution to be recorded in the office of the Maricopa County Recorder within ten (10) days of the adoption of this Resolution. The City Clerk is further ordered and directed to file certified copies of this Resolution with the Arizona Department of Revenue (the "*Department*") and the Maricopa County Assessor, as required by A.R.S. § 42-17257, together with all other information prescribed by the Director of the Department relating to the boundaries of newly created taxing jurisdictions.

Section 5. Extension for Filing. If either the formation of the District occurs after November 1 of the year preceding the year in which initial assessments are to be levied, or this Resolution is not filed with both the Department and the Maricopa County Assessor prior to such November 1, the Mayor and City Council hereby request, subject to the November 30 deadline for such request as provided in A.R.S. § 42-17257(B), that the Director of the Department extend the deadline prescribed by A.R.S. § 42-17257 to December 20, 2022.

PASSED AND ADOPTED by the Mayor and Council of the City of Buckeye, Arizona, on this 21st day of December, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
Shiela B. Schmidt, City Attorney

Attachments
Exhibit A: Legal Description
Exhibit B: Assessor's Parcel Numbers and Owners' Names
Exhibit C: Boundary Map

CERTIFICATION

I, Lucinda J. Aja, the duly appointed and acting Clerk of the City of Buckeye, Arizona, do hereby certify that the above and foregoing Resolution No. 99-21 was duly passed by the Mayor and Council of the City of Buckeye, Arizona, at a regular meeting held on December 21, 2021, and the vote was ____ aye's, ____ nay's, ____ abstained and ____ were absent and that the Mayor and ____ Council Members were present thereat.

DATED: December 21, 2021.

_____
Lucinda J. Aja, City Clerk

EXHIBIT "A"
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES
LEGAL DESCRIPTION

A portion of land being situated within the West Half of Section 16, Township 1 North, Range 3 West of the Gila and Salt River Meridian, Maricopa County, Arizona, being more particularly described as follows:

BEGINNING at a found 2.5 inch Aluminum cap accepted as the North Quarter corner of said Section 16 from which a found 3 inch Town of Buckeye Brass cap flush accepted as the Northwest corner thereof bears South 88°27'22" West, 2642.72 feet;

Thence South 00°20'45" West, 4757.32 feet along the north-south mid-section line;

Thence leaving said north-south mid-section line, South 83°24'24" West, 473.45 feet;

Thence South 67°14'27" West, 534.90 feet;

Thence South 86°07'59" West, 1683.79 feet to the west line of the Southwest Quarter of said Section 16;

Thence North 00°20'42" East, 1128.86 feet along said west line;

Thence leaving said west line, North 89°52'13" East, 1320.66 feet;

Thence North 00°20'44" East, 1975.66 feet;

Thence South 89°27'08" West, 1320.79 feet to the west line of the Northwest Quarter of said Section 16;

Thence North 00°20'43" East, 655.36 feet along said west line;

Thence leaving said west line, North 89°07'13" East, 1320.94 feet;

Thence North 00°20'44" East, 1326.04 feet to the north line of the Northwest Quarter of said Section 16;

Thence North 88°27'22" East, 1321.36 feet along said north line to the **POINT OF BEGINNING**.

The above described parcel contains a computed area of 8,751,948 sq. ft. (200.9171 acres) more or less and being subject to any easements, restrictions, rights-of-way of record or otherwise.

The description shown hereon is not to be used to violate any subdivision regulation of the state, county and/or municipality or any land division restrictions.

Prepared by: HILGARTWILSON, LLC
2141 E. Highland Avenue, Suite 250
Phoenix, AZ 85016
Project No.: 1826
Date: November 2021



EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-687	FORESTAR (USA) REAL ESTATE GROUP INC.
2	504-23-688	FORESTAR (USA) REAL ESTATE GROUP INC.
3	504-23-689	FORESTAR (USA) REAL ESTATE GROUP INC.
4	504-23-690	FORESTAR (USA) REAL ESTATE GROUP INC.
5	504-23-691	FORESTAR (USA) REAL ESTATE GROUP INC.
6	504-23-692	FORESTAR (USA) REAL ESTATE GROUP INC.
7	504-23-693	D.R. HORTON INC.
8	504-23-694	D.R. HORTON INC.
9	504-23-695	D.R. HORTON INC.
10	504-23-696	D.R. HORTON INC.
11	504-23-697	D.R. HORTON INC.
12	504-23-698	D.R. HORTON INC.
13	504-23-699	FORESTAR (USA) REAL ESTATE GROUP INC.
14	504-23-700	FORESTAR (USA) REAL ESTATE GROUP INC.
15	504-23-701	FORESTAR (USA) REAL ESTATE GROUP INC.
16	504-23-702	D.R. HORTON INC.
17	504-23-703	D.R. HORTON INC.
18	504-23-704	D.R. HORTON INC.
19	504-23-705	D.R. HORTON INC.
20	504-23-706	D.R. HORTON INC.
21	504-23-707	D.R. HORTON INC.
22	504-23-708	D.R. HORTON INC.
23	504-23-709	D.R. HORTON INC.
24	504-23-710	D.R. HORTON INC.
25	504-23-711	D.R. HORTON INC.
26	504-23-712	D.R. HORTON INC.
27	504-23-713	D.R. HORTON INC.
28	504-23-714	D.R. HORTON INC.
29	504-23-715	D.R. HORTON INC.
30	504-23-716	D.R. HORTON INC.
31	504-23-717	D.R. HORTON INC.
32	504-23-718	D.R. HORTON INC.

Assessors/ Parcel Number	OWNER
504-22-013R	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013T	FORESTAR (USA) REAL ESTATE GROUP INC.
504-22-013U	FORESTAR (USA) REAL ESTATE GROUP INC.



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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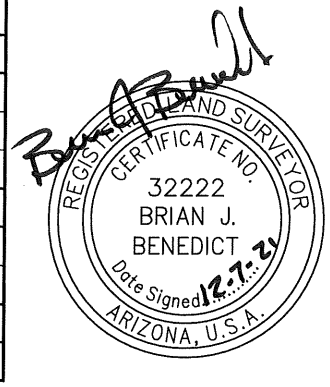
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
33	504-23-719	D.R. HORTON INC.
34	504-23-720	D.R. HORTON INC.
35	504-23-721	D.R. HORTON INC.
36	504-23-722	D.R. HORTON INC.
37	504-23-723	D.R. HORTON INC.
38	504-23-724	D.R. HORTON INC.
39	504-23-725	D.R. HORTON INC.
40	504-23-726	D.R. HORTON INC.
41	504-23-727	D.R. HORTON INC.
42	504-23-728	D.R. HORTON INC.
43	504-23-729	D.R. HORTON INC.
44	504-23-730	D.R. HORTON INC.
45	504-23-731	D.R. HORTON INC.
46	504-23-732	D.R. HORTON INC.
47	504-23-733	D.R. HORTON INC.
48	504-23-734	D.R. HORTON INC.
49	504-23-735	D.R. HORTON INC.
50	504-23-736	D.R. HORTON INC.
51	504-23-737	D.R. HORTON INC.
52	504-23-738	D.R. HORTON INC.
53	504-23-739	D.R. HORTON INC.
54	504-23-740	D.R. HORTON INC.
55	504-23-741	D.R. HORTON INC.
56	504-23-742	D.R. HORTON INC.
57	504-23-743	D.R. HORTON INC.
58	504-23-744	D.R. HORTON INC.
59	504-23-745	D.R. HORTON INC.
60	504-23-746	D.R. HORTON INC.
61	504-23-747	D.R. HORTON INC.
62	504-23-748	D.R. HORTON INC.
63	504-23-749	D.R. HORTON INC.
64	504-23-750	D.R. HORTON INC.



PROJ.NO.:	1826
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DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
65	504-23-751	D.R. HORTON INC.
66	504-23-752	D.R. HORTON INC.
67	504-23-753	D.R. HORTON INC.
68	504-23-754	D.R. HORTON INC.
69	504-23-755	D.R. HORTON INC.
70	504-23-756	D.R. HORTON INC.
71	504-23-757	D.R. HORTON INC.
72	504-23-758	D.R. HORTON INC.
73	504-23-759	D.R. HORTON INC.
74	504-23-760	D.R. HORTON INC.
75	504-23-761	D.R. HORTON INC.
76	504-23-762	D.R. HORTON INC.
77	504-23-763	D.R. HORTON INC.
78	504-23-764	D.R. HORTON INC.
79	504-23-765	D.R. HORTON INC.
80	504-23-766	D.R. HORTON INC.
81	504-23-767	D.R. HORTON INC.
82	504-23-768	D.R. HORTON INC.
83	504-23-769	D.R. HORTON INC.
84	504-23-770	D.R. HORTON INC.
85	504-23-771	D.R. HORTON INC.
86	504-23-772	D.R. HORTON INC.
87	504-23-773	D.R. HORTON INC.
88	504-23-774	D.R. HORTON INC.
89	504-23-775	D.R. HORTON INC.
90	504-23-776	D.R. HORTON INC.
91	504-23-777	D.R. HORTON INC.
92	504-23-778	D.R. HORTON INC.
93	504-23-779	D.R. HORTON INC.
94	504-23-780	D.R. HORTON INC.
95	504-23-781	D.R. HORTON INC.
96	504-23-782	D.R. HORTON INC.



PROJ.NO.:	1826
DATE:	NOV 2021
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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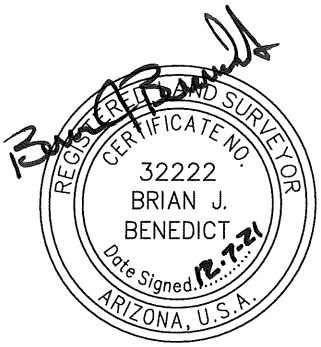
CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Lot Number	Assessors/Parcel Number	OWNER
97	504-23-783	FORESTAR (USA) REAL ESTATE GROUP INC.
98	504-23-784	FORESTAR (USA) REAL ESTATE GROUP INC.
99	504-23-785	FORESTAR (USA) REAL ESTATE GROUP INC.
100	504-23-786	D.R. HORTON INC.
101	504-23-787	D.R. HORTON INC.
102	504-23-788	D.R. HORTON INC.
103	504-23-789	D.R. HORTON INC.
104	504-23-790	D.R. HORTON INC.
105	504-23-791	D.R. HORTON INC.
106	504-23-792	D.R. HORTON INC.
107	504-23-793	FORESTAR (USA) REAL ESTATE GROUP INC.
108	504-23-794	FORESTAR (USA) REAL ESTATE GROUP INC.

DESERT MOON ESTATES - PHASE 1 PARCEL 1		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-795	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-796	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-797	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-798	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-799	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-800	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-801	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-802	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-803	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-804	DESERT MOON ESTATES COMMUNITY ASSOCIATION



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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-23-951	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT B	504-23-952	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT C	504-23-953	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT D	504-23-954	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT E	504-23-955	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT F	504-23-956	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT G	504-23-957	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT H	504-23-958	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT I	504-23-959	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT J	504-23-960	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT K	504-23-961	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT L	504-23-962	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT M	504-23-963	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT N	504-23-964	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT O	504-23-965	DESERT MOON ESTATES COMMUNITY ASSOCIATION
TRACT P	504-23-966	DESERT MOON ESTATES COMMUNITY ASSOCIATION

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
1	504-23-805	D.R. HORTON INC.
2	504-23-806	D.R. HORTON INC.
3	504-23-807	D.R. HORTON INC.
4	504-23-808	D.R. HORTON INC.
5	504-23-809	D.R. HORTON INC.
6	504-23-810	D.R. HORTON INC.
7	504-23-811	D.R. HORTON INC.
8	504-23-812	D.R. HORTON INC.
9	504-23-813	D.R. HORTON INC.
10	504-23-814	D.R. HORTON INC.
11	504-23-815	D.R. HORTON INC.
12	504-23-816	D.R. HORTON INC.
13	504-23-817	D.R. HORTON INC.
14	504-23-818	D.R. HORTON INC.
15	504-23-819	D.R. HORTON INC.
16	504-23-820	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12.7.21
ARIZONA, U.S.A.

PROJ.NO.:	1826
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
17	504-23-821	D.R. HORTON INC.
18	504-23-822	D.R. HORTON INC.
19	504-23-823	D.R. HORTON INC.
20	504-23-824	D.R. HORTON INC.
21	504-23-825	D.R. HORTON INC.
22	504-23-826	D.R. HORTON INC.
23	504-23-827	D.R. HORTON INC.
24	504-23-828	D.R. HORTON INC.
25	504-23-829	D.R. HORTON INC.
26	504-23-830	D.R. HORTON INC.
27	504-23-831	D.R. HORTON INC.
28	504-23-832	D.R. HORTON INC.
29	504-23-833	D.R. HORTON INC.
30	504-23-834	D.R. HORTON INC.
31	504-23-835	D.R. HORTON INC.
32	504-23-836	D.R. HORTON INC.
33	504-23-837	D.R. HORTON INC.
34	504-23-838	D.R. HORTON INC.
35	504-23-839	D.R. HORTON INC.
36	504-23-840	D.R. HORTON INC.
37	504-23-841	D.R. HORTON INC.
38	504-23-842	D.R. HORTON INC.
39	504-23-843	D.R. HORTON INC.
40	504-23-844	D.R. HORTON INC.
41	504-23-845	D.R. HORTON INC.
42	504-23-846	D.R. HORTON INC.
43	504-23-847	D.R. HORTON INC.
44	504-23-848	D.R. HORTON INC.
45	504-23-849	D.R. HORTON INC.
46	504-23-850	D.R. HORTON INC.
47	504-23-851	D.R. HORTON INC.
48	504-23-852	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
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LOWER BUCKEYE & APACHE RD
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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
49	504-23-853	D.R. HORTON INC.
50	504-23-854	D.R. HORTON INC.
51	504-23-855	D.R. HORTON INC.
52	504-23-856	D.R. HORTON INC.
53	504-23-857	D.R. HORTON INC.
54	504-23-858	D.R. HORTON INC.
55	504-23-859	D.R. HORTON INC.
56	504-23-860	D.R. HORTON INC.
57	504-23-861	D.R. HORTON INC.
58	504-23-862	D.R. HORTON INC.
59	504-23-863	D.R. HORTON INC.
60	504-23-864	D.R. HORTON INC.
61	504-23-865	D.R. HORTON INC.
62	504-23-866	D.R. HORTON INC.
63	504-23-867	D.R. HORTON INC.
64	504-23-868	D.R. HORTON INC.
65	504-23-869	D.R. HORTON INC.
66	504-23-870	D.R. HORTON INC.
67	504-23-871	D.R. HORTON INC.
68	504-23-872	D.R. HORTON INC.
69	504-23-873	D.R. HORTON INC.
70	504-23-874	D.R. HORTON INC.
71	504-23-875	D.R. HORTON INC.
72	504-23-876	D.R. HORTON INC.
73	504-23-877	D.R. HORTON INC.
74	504-23-878	D.R. HORTON INC.
75	504-23-879	D.R. HORTON INC.
76	504-23-880	D.R. HORTON INC.
77	504-23-881	D.R. HORTON INC.
78	504-23-882	D.R. HORTON INC.
79	504-23-883	D.R. HORTON INC.
80	504-23-884	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
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ARIZONA, U.S.A.

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DESERT MOON ESTATES
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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
81	504-23-885	D.R. HORTON INC.
82	504-23-886	D.R. HORTON INC.
83	504-23-887	D.R. HORTON INC.
84	504-23-888	D.R. HORTON INC.
85	504-23-889	D.R. HORTON INC.
86	504-23-890	D.R. HORTON INC.
87	504-23-891	D.R. HORTON INC.
88	504-23-892	D.R. HORTON INC.
89	504-23-893	D.R. HORTON INC.
90	504-23-894	D.R. HORTON INC.
91	504-23-895	D.R. HORTON INC.
92	504-23-896	D.R. HORTON INC.
93	504-23-897	D.R. HORTON INC.
94	504-23-898	D.R. HORTON INC.
95	504-23-899	D.R. HORTON INC.
96	504-23-900	D.R. HORTON INC.
97	504-23-901	D.R. HORTON INC.
98	504-23-902	D.R. HORTON INC.
99	504-23-903	D.R. HORTON INC.
100	504-23-904	D.R. HORTON INC.
101	504-23-905	D.R. HORTON INC.
102	504-23-906	D.R. HORTON INC.
103	504-23-907	D.R. HORTON INC.
104	504-23-908	D.R. HORTON INC.
105	504-23-909	D.R. HORTON INC.
106	504-23-910	D.R. HORTON INC.
107	504-23-911	D.R. HORTON INC.
108	504-23-912	D.R. HORTON INC.
109	504-23-913	D.R. HORTON INC.
110	504-23-914	D.R. HORTON INC.
111	504-23-915	D.R. HORTON INC.
112	504-23-916	D.R. HORTON INC.

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LOWER BUCKEYE & APACHE RD
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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 1 PARCEL 2		
Lot Number	Assessors/Parcel Number	OWNER
113	504-23-917	D.R. HORTON INC.
114	504-23-918	D.R. HORTON INC.
115	504-23-919	D.R. HORTON INC.
116	504-23-920	D.R. HORTON INC.
117	504-23-921	D.R. HORTON INC.
118	504-23-922	D.R. HORTON INC.
119	504-23-923	D.R. HORTON INC.
120	504-23-924	D.R. HORTON INC.
121	504-23-925	D.R. HORTON INC.
122	504-23-926	D.R. HORTON INC.
123	504-23-927	D.R. HORTON INC.
124	504-23-928	D.R. HORTON INC.
125	504-23-929	D.R. HORTON INC.
126	504-23-930	D.R. HORTON INC.
127	504-23-931	D.R. HORTON INC.
128	504-23-932	D.R. HORTON INC.
129	504-23-933	D.R. HORTON INC.
130	504-23-934	D.R. HORTON INC.
131	504-23-935	D.R. HORTON INC.
132	504-23-936	D.R. HORTON INC.
133	504-23-937	D.R. HORTON INC.
134	504-23-938	D.R. HORTON INC.
135	504-23-939	D.R. HORTON INC.
136	504-23-940	D.R. HORTON INC.
137	504-23-941	D.R. HORTON INC.
138	504-23-942	D.R. HORTON INC.
139	504-23-943	D.R. HORTON INC.
140	504-23-944	D.R. HORTON INC.
141	504-23-945	D.R. HORTON INC.
142	504-23-946	D.R. HORTON INC.
143	504-23-947	D.R. HORTON INC.
144	504-23-948	D.R. HORTON INC.
145	504-23-949	D.R. HORTON INC.
146	504-23-950	D.R. HORTON INC.

REGISTERED LAND SURVEYOR
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DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-656	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-657	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-658	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-659	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-660	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-661	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-662	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-663	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-664	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-665	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-666	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-667	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-668	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-669	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-670	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-671	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-672	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-673	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-674	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-675	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-676	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-677	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-678	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-679	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-680	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-681	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-682	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-683	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-684	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-685	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-686	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-687	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
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DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
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CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-688	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-689	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-690	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-691	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-692	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-693	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-694	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-695	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-696	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-697	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-698	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-699	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-700	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-701	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-702	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-703	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-704	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-705	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-706	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-707	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-708	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-709	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-710	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-711	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-712	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-713	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-714	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-715	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-716	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-717	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-718	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-719	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
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BRIAN J.
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Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
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DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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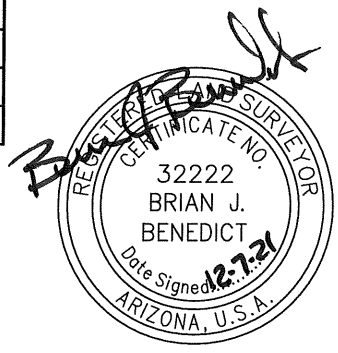
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-720	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-721	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-722	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-723	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-724	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-725	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-726	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-727	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-728	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-729	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-730	FORESTAR USA REAL ESTATE GROUP INC

DESERT MOON ESTATES - PHASE 2 PARCEL 3		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-731	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-732	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-733	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-734	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-735	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-736	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-737	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-738	FORESTAR USA REAL ESTATE GROUP INC
TRACT I	504-25-739	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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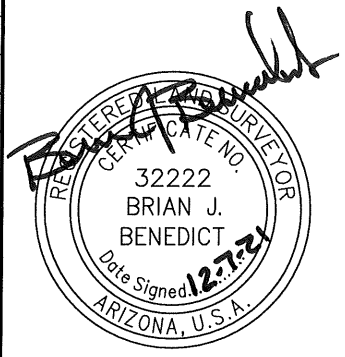
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
1	504-25-551	FORESTAR USA REAL ESTATE GROUP INC
2	504-25-552	FORESTAR USA REAL ESTATE GROUP INC
3	504-25-553	FORESTAR USA REAL ESTATE GROUP INC
4	504-25-554	FORESTAR USA REAL ESTATE GROUP INC
5	504-25-555	FORESTAR USA REAL ESTATE GROUP INC
6	504-25-556	FORESTAR USA REAL ESTATE GROUP INC
7	504-25-557	FORESTAR USA REAL ESTATE GROUP INC
8	504-25-558	FORESTAR USA REAL ESTATE GROUP INC
9	504-25-559	FORESTAR USA REAL ESTATE GROUP INC
10	504-25-560	FORESTAR USA REAL ESTATE GROUP INC
11	504-25-561	FORESTAR USA REAL ESTATE GROUP INC
12	504-25-562	FORESTAR USA REAL ESTATE GROUP INC
13	504-25-563	FORESTAR USA REAL ESTATE GROUP INC
14	504-25-564	FORESTAR USA REAL ESTATE GROUP INC
15	504-25-565	FORESTAR USA REAL ESTATE GROUP INC
16	504-25-566	FORESTAR USA REAL ESTATE GROUP INC
17	504-25-567	FORESTAR USA REAL ESTATE GROUP INC
18	504-25-568	FORESTAR USA REAL ESTATE GROUP INC
19	504-25-569	FORESTAR USA REAL ESTATE GROUP INC
20	504-25-570	FORESTAR USA REAL ESTATE GROUP INC
21	504-25-571	FORESTAR USA REAL ESTATE GROUP INC
22	504-25-572	FORESTAR USA REAL ESTATE GROUP INC
23	504-25-573	FORESTAR USA REAL ESTATE GROUP INC
24	504-25-574	FORESTAR USA REAL ESTATE GROUP INC
25	504-25-575	FORESTAR USA REAL ESTATE GROUP INC
26	504-25-576	FORESTAR USA REAL ESTATE GROUP INC
27	504-25-577	FORESTAR USA REAL ESTATE GROUP INC
28	504-25-578	FORESTAR USA REAL ESTATE GROUP INC
29	504-25-579	FORESTAR USA REAL ESTATE GROUP INC
30	504-25-580	FORESTAR USA REAL ESTATE GROUP INC
31	504-25-581	FORESTAR USA REAL ESTATE GROUP INC
32	504-25-582	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826	DESERT MOON ESTATES LOWER BUCKEYE & APACHE RD BUCKEYE, ARIZONA	HILGARTWILSON 2141 E. HIGHLAND AVE., STE. 250 PHOENIX, AZ 85016 P: 602.490.0535 / F: 602.368.2436
DATE:	NOV 2021		
SCALE:	N.T.S		
DRAWN BY:	RD/GS	MAINTENANCE IMPROVEMENT DISTRICT	
CHECKED BY:	BJB		

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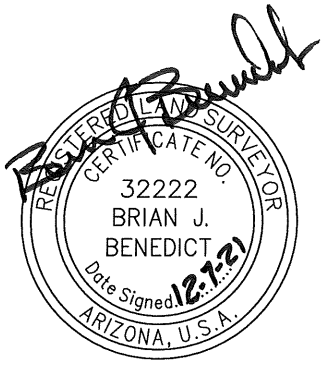
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
33	504-25-583	FORESTAR USA REAL ESTATE GROUP INC
34	504-25-584	FORESTAR USA REAL ESTATE GROUP INC
35	504-25-585	FORESTAR USA REAL ESTATE GROUP INC
36	504-25-586	FORESTAR USA REAL ESTATE GROUP INC
37	504-25-587	FORESTAR USA REAL ESTATE GROUP INC
38	504-25-588	FORESTAR USA REAL ESTATE GROUP INC
39	504-25-589	FORESTAR USA REAL ESTATE GROUP INC
40	504-25-590	FORESTAR USA REAL ESTATE GROUP INC
41	504-25-591	FORESTAR USA REAL ESTATE GROUP INC
42	504-25-592	FORESTAR USA REAL ESTATE GROUP INC
43	504-25-593	FORESTAR USA REAL ESTATE GROUP INC
44	504-25-594	FORESTAR USA REAL ESTATE GROUP INC
45	504-25-595	FORESTAR USA REAL ESTATE GROUP INC
46	504-25-596	FORESTAR USA REAL ESTATE GROUP INC
47	504-25-597	FORESTAR USA REAL ESTATE GROUP INC
48	504-25-598	FORESTAR USA REAL ESTATE GROUP INC
49	504-25-599	FORESTAR USA REAL ESTATE GROUP INC
50	504-25-600	FORESTAR USA REAL ESTATE GROUP INC
51	504-25-601	FORESTAR USA REAL ESTATE GROUP INC
52	504-25-602	FORESTAR USA REAL ESTATE GROUP INC
53	504-25-603	FORESTAR USA REAL ESTATE GROUP INC
54	504-25-604	FORESTAR USA REAL ESTATE GROUP INC
55	504-25-605	FORESTAR USA REAL ESTATE GROUP INC
56	504-25-606	FORESTAR USA REAL ESTATE GROUP INC
57	504-25-607	FORESTAR USA REAL ESTATE GROUP INC
58	504-25-608	FORESTAR USA REAL ESTATE GROUP INC
59	504-25-609	FORESTAR USA REAL ESTATE GROUP INC
60	504-25-610	FORESTAR USA REAL ESTATE GROUP INC
61	504-25-611	FORESTAR USA REAL ESTATE GROUP INC
62	504-25-612	FORESTAR USA REAL ESTATE GROUP INC
63	504-25-613	FORESTAR USA REAL ESTATE GROUP INC
64	504-25-614	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Lot Number	Assessors/Parcel Number	OWNER
65	504-25-615	FORESTAR USA REAL ESTATE GROUP INC
66	504-25-616	FORESTAR USA REAL ESTATE GROUP INC
67	504-25-617	FORESTAR USA REAL ESTATE GROUP INC
68	504-25-618	FORESTAR USA REAL ESTATE GROUP INC
69	504-25-619	FORESTAR USA REAL ESTATE GROUP INC
70	504-25-620	FORESTAR USA REAL ESTATE GROUP INC
71	504-25-621	FORESTAR USA REAL ESTATE GROUP INC
72	504-25-622	FORESTAR USA REAL ESTATE GROUP INC
73	504-25-623	FORESTAR USA REAL ESTATE GROUP INC
74	504-25-624	FORESTAR USA REAL ESTATE GROUP INC
75	504-25-625	FORESTAR USA REAL ESTATE GROUP INC
76	504-25-626	FORESTAR USA REAL ESTATE GROUP INC
77	504-25-627	FORESTAR USA REAL ESTATE GROUP INC
78	504-25-628	FORESTAR USA REAL ESTATE GROUP INC
79	504-25-629	FORESTAR USA REAL ESTATE GROUP INC
80	504-25-630	FORESTAR USA REAL ESTATE GROUP INC
81	504-25-631	FORESTAR USA REAL ESTATE GROUP INC
82	504-25-632	FORESTAR USA REAL ESTATE GROUP INC
83	504-25-633	FORESTAR USA REAL ESTATE GROUP INC
84	504-25-634	FORESTAR USA REAL ESTATE GROUP INC
85	504-25-635	FORESTAR USA REAL ESTATE GROUP INC
86	504-25-636	FORESTAR USA REAL ESTATE GROUP INC
87	504-25-637	FORESTAR USA REAL ESTATE GROUP INC
88	504-25-638	FORESTAR USA REAL ESTATE GROUP INC
89	504-25-639	FORESTAR USA REAL ESTATE GROUP INC
90	504-25-640	FORESTAR USA REAL ESTATE GROUP INC
91	504-25-641	FORESTAR USA REAL ESTATE GROUP INC
92	504-25-642	FORESTAR USA REAL ESTATE GROUP INC
93	504-25-643	FORESTAR USA REAL ESTATE GROUP INC
94	504-25-644	FORESTAR USA REAL ESTATE GROUP INC
95	504-25-645	FORESTAR USA REAL ESTATE GROUP INC
96	504-25-646	FORESTAR USA REAL ESTATE GROUP INC
97	504-25-647	FORESTAR USA REAL ESTATE GROUP INC

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
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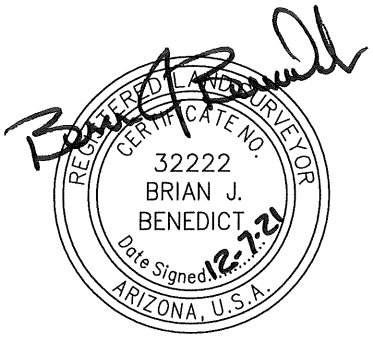
EXHIBIT B

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – ASSESSORS PARCEL NUMBERS

DESERT MOON ESTATES - PHASE 2 PARCEL 4		
Tract Letter	Assessors/Parcel Number	OWNER
TRACT A	504-25-648	FORESTAR USA REAL ESTATE GROUP INC
TRACT B	504-25-649	FORESTAR USA REAL ESTATE GROUP INC
TRACT C	504-25-650	FORESTAR USA REAL ESTATE GROUP INC
TRACT D	504-25-651	FORESTAR USA REAL ESTATE GROUP INC
TRACT E	504-25-652	FORESTAR USA REAL ESTATE GROUP INC
TRACT F	504-25-653	FORESTAR USA REAL ESTATE GROUP INC
TRACT G	504-25-654	FORESTAR USA REAL ESTATE GROUP INC
TRACT H	504-25-655	FORESTAR USA REAL ESTATE GROUP INC



PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	N.T.S
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
LOWER BUCKEYE & APACHE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

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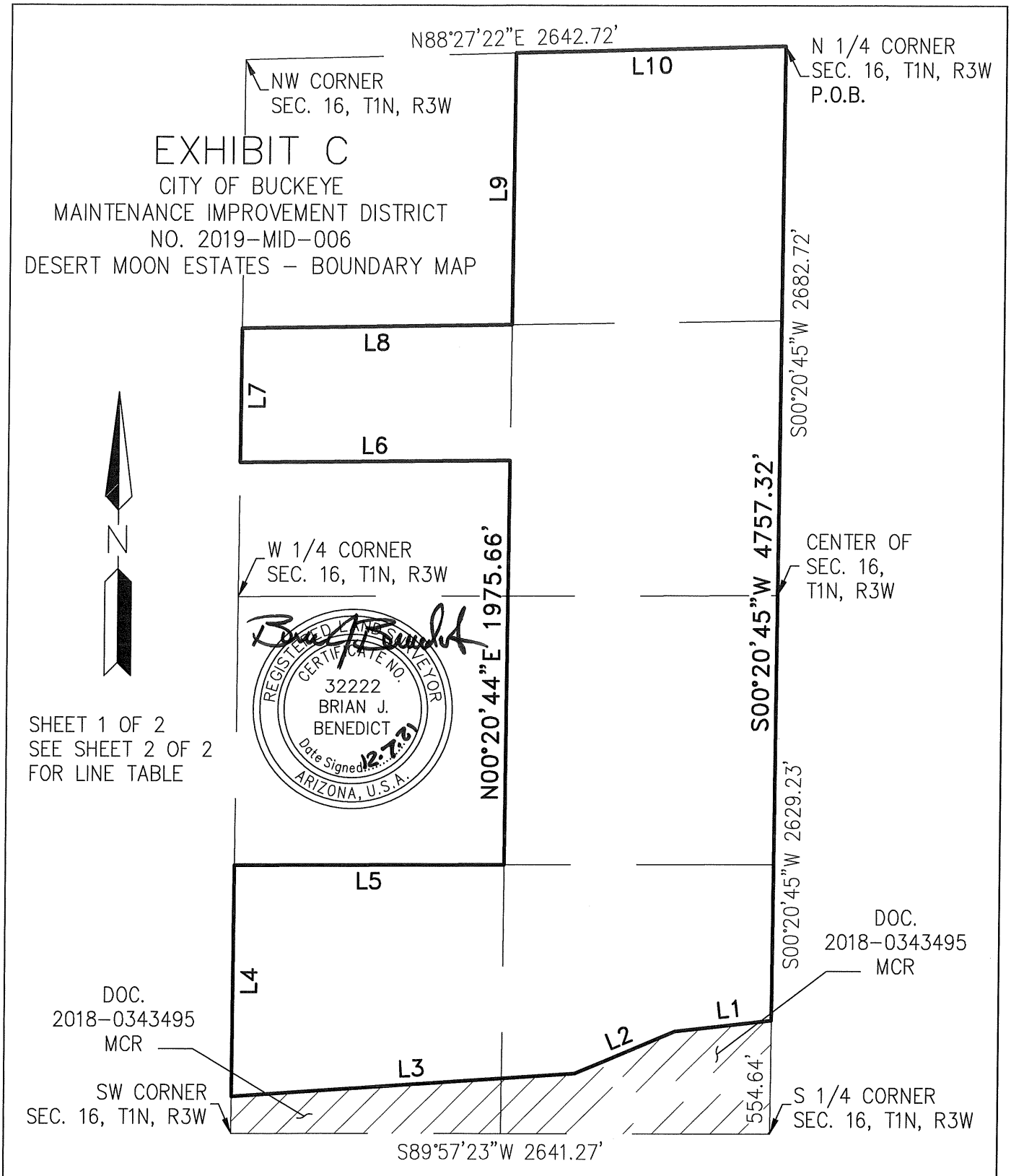

EXHIBIT C

CITY OF BUCKEYE
MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – BOUNDARY MAP

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NTS
DRAWN BY:	RD/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
2141 E. HIGHLAND AVE., STE. 250
PHOENIX, AZ 85016
P: 602.490.0535 / F: 602.368.2436

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EXHIBIT C

CITY OF BUCKEYE MAINTENANCE IMPROVEMENT DISTRICT
NO. 2019-MID-006
DESERT MOON ESTATES – BOUNDARY MAP

LINE TABLE		
LINE NO.	DIRECTION	LENGTH
L1	S83°24'24"W	473.45'
L2	S67°14'27"W	534.90'
L3	S86°07'59"W	1683.79'
L4	N00°20'42"E	1128.86'
L5	N89°52'13"E	1320.66'
L6	S89°27'08"W	1320.79'
L7	N00°20'43"E	655.36'
L8	N89°07'13"E	1320.94'
L9	N00°20'44"E	1326.04'
L10	N88°27'22"E	1321.36'

LEGEND

	EXCLUDED AREA OF THE SOUTH HALF OF SECTION 16, T1N, R3W
	SECTION LINE
	PARCEL LINE
	BOUNDARY OF MAINTENANCE IMPROVEMENT DISTRICT
DOC.	DOCUMENT
MCR	MARICOPA COUNTY RECORDS
P.O.B.	POINT OF BEGINNING

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
32222
BRIAN J.
BENEDICT
Date Signed 12-7-21
ARIZONA, U.S.A.

SHEET 2 OF 2

PROJ.NO.:	1826
DATE:	NOV 2021
SCALE:	NONE
DRAWN BY:	CM/GS
CHECKED BY:	BJB

DESERT MOON ESTATES
APACHE & LOWER BUCKEYE RD
BUCKEYE, ARIZONA

MAINTENANCE IMPROVEMENT DISTRICT

HILGARTWILSON
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PHOENIX, AZ 85016
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CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.I. Hassayampa to Liberty 230-kV Transmission Line License Agreement
DATE PREPARED: 12/16/21	**DISTRICT NO.:**
STAFF LIAISON: Paul Lopez, Deputy City Engineer, plopez@buckeyeaz.gov, (623) 349- 6204	
DEPARTMENT: Engineering	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on the License Agreement between the City of Buckeye, as Licensee, and the United States of America Department of Energy, Western Area Power Administration, related to the Hassayampa to Liberty 230-kV Transmission Line; and authorizing the City Manager to execute and deliver said License Agreement on behalf of the City.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

SUMMARY

PROJECT DESCRIPTION:
Requesting approval from council for proposed curbing, signal push buttons and waterline crossing easement that will cross under, over, or across WAPA's Hassayampa to Liberty 230-kV. WAPA concurs and agrees that the Curb, Waterline, and light controls can proposed by the licensee and will not interfere with the operations and maintenance of the described Transmission Line as shown on Exhibits A-1 to A-6.

BENEFITS:
The agreement's benefits include new streetlights, waterline extension, roadway widening, and pedestrian signal improvements.

FUTURE ACTION:
The agreement does not grant any right, privilege, or interest in the land, and Licensee will be responsible for obtaining any necessary land rights from the underlying owner. Any relocation or changes will require additional concurrence by WAPA. The Licensee agrees that if any changes or relocation are involved, WAPA will be at no cost. The Licensee's responsibility is to notify WAPA at least 45 days before commencing maintenance or installation of the facility to WAPA and remain in compliance with standards set forth by the National Electric Safety Code (NESC) and the Occupational Safety and Health Administration standards (OSHA). The license agreement shall terminate upon two years of non-use for the purpose or purposes granted herein.

FINANCIAL IMPACT STATEMENT:

There is no cost to the City of Buckeye.

CURRENT FISCAL YEAR TOTAL COST:
N/A

BUDGETED:
No

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Draft License Agreement V 1.5.pdf

THE UNITED STATES OF AMERICA
DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

Hassayampa to Liberty 230-kV Transmission Line

SE¼ SE¼, Section 10, Township 1 North, Range 3 West,
Gila & Salt River Meridian, Maricopa County, State of Arizona

Vicinity of Structure(s): 113-2 to 113-3

LICENSE AGREEMENT

THIS LICENSE AGREEMENT is made this _____ day of _____, 2021, between CITY OF BUCKEYE, 530 East Monroe Avenue, Buckeye, AZ, (LICENSEE), whether one or more, and the UNITED STATES OF AMERICA, Department of Energy, Western Area Power Administration (WAPA), represented by the officer executing this License Agreement, pursuant to the Reclamation Act, Act of June 17, 1902, 32 Stat. 388, and acts amendatory thereof and supplementary thereto, and the Department of Energy Organization Act, Act of August 4, 1977, 91 Stat. 565.

WITNESSETH:

WAPA concurs that the Curb, Waterline and light controls (FACILITY) (***as described within the application***) crossing under, over or across WAPA's Hassayampa to Liberty 230-kV Transmission Line, proposed by the LICENSEE, will not interfere with the operation and maintenance of the Hassayampa to Liberty 230-kV Transmission Line, if constructed in the manner and at the locations shown on Exhibits A-1 to A-6, attached hereto and made a part hereof.

In consideration of WAPA's concurrence, the LICENSEE agrees to the following:

(a) This License Agreement does not grant any right, privilege, or interest in the land. The LICENSEE is responsible for obtaining any necessary land rights from the underlying landowner.

(b) This License Agreement is only valid provided the FACILITY is constructed, operated, and maintained in conformance with the attached drawings and/or exhibits. Any relocations, changes, or upgrades require additional concurrence by WAPA. LICENSEE agrees to alter or relocate its FACILITY, at no cost to WAPA, to accommodate future modifications of WAPA's facilities, including but not limited to, upgrades of the transmission line.

(c) LICENSEE shall notify WAPA at least 45 business days prior to commencing maintenance or installation of the FACILITY to permit inspection by WAPA. WAPA's Point of Contact: Terry Kugler, Foreman III at 602-605-2716 or email at kugler@wapa.gov.

(d) To abide by and comply with all applicable Federal, State, and local laws as well as building and safety codes including the latest edition of the National Electric Safety Code (NESC) and Occupational Safety and Health Administration standards (OSHA) applicable to the design and construction of the aforesaid FACILITY.

(e) In accordance with the National Electric Safety Code (NESC), a clearance of 15 feet from transmission line conductors to the top of equipment must be maintained at all times.

(f) Induced voltages and currents may occur on the FACILITY constructed or placed under or near high voltage transmission lines. The LICENSEE shall be responsible for the protection of personnel and equipment in their design, construction, operation, and maintenance of the FACILITY described in this License Agreement.

(g) Indemnify and hold harmless WAPA, its employees, or agents, from any loss or damage and from any liability on account of personal injury, death, or property damage arising out of LICENSEE's, its agents, contractors, or subcontractors use of the land covered by this License Agreement.

(h) WAPA requires unimpeded access to its right-of-way at all times. WAPA uses vehicles that have a 42 kip (42,000 pounds) axle load and is not liable for any damage caused to the FACILITY when patrolling, performing maintenance, or reconstructing the transmission line.

(i) No appreciable change shall be made to the character of the existing topography. Safe conductor phase-to-ground clearance must be maintained at all times. Steep sloping which will impede heavy line equipment and vehicles from traversing the lands within the transmission line right-of-way shall not be allowed. The gradient must not be steeper than 6:1 run to rise.

(j) This License Agreement shall terminate upon two consecutive years of non-use for the purpose or purposes granted herein.

(k) Light standards shall not exceed fifteen (10) feet in height (including base and pole). In addition, do not place light standards directly under the transmission line conductors (wires) and make field adjustments as necessary.

(l) Upon completion of the project, the Licensee will submit a copy of the as-builts and/or photographs of the FACILITY to WAPA Lands (P.O. Box 6457, Phoenix, AZ 85005-6457).

Remainder of Page left blank intentionally.

(m) This License Agreement shall be binding on the successors or assigns of the LICENSEE and WAPA.

CITY OF BUCKEYE
530 E. Monroe Ave
Buckeye, AZ 85326

Phone: _____

Email: _____

* *See attached signatures for City of Buckeye*
_____
Signature

_____
Print Name

_____
Title

_____
Date

THE UNITED STATES OF AMERICA
Western Area Power Administration
Desert Southwest Region | P.O. Box 6457
Phoenix, AZ 85005-6457

_____
Teresita D. Amaro, BCEE, PMP, MBA
Engineering and Construction Manager

_____
Date

IN WITNESS WHEREOF, each of the Parties hereto have caused this License Agreement to be executed by its duly authorized representative.

CITY OF BUCKEYE

By:_____
Roger Klingler, City Manager

Date:_____

ATTEST:

_____
Lucinda J. Aja, City Clerk

Date:_____

APPROVED AS TO FORM:

_____
Shiela B. Schmidt, City Attorney

Date:_____

Please include a full size, complete set of engineered plans with your submittal or call (602) 605-2525 to speak to a Realty Specialist

Western Area Power Administration
Desert Southwest Region
ATTN: Lands G5600
P.O. Box 6457
Phoenix, AZ 85005-6457

LICENSE AGREEMENT APPLICATION

Date: 05/27/21

HSS-LIB 230-kV

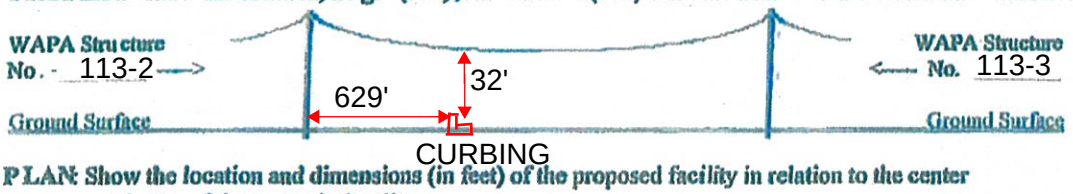
Description of Proposal (Narrative): PROPOSED CURBING, SIGNAL PUSH BUTTONS AND WATERLINE CROSSING EASEMENT

Location: Section 18, Township 1N, Range 3W, G&SR (Meridian)

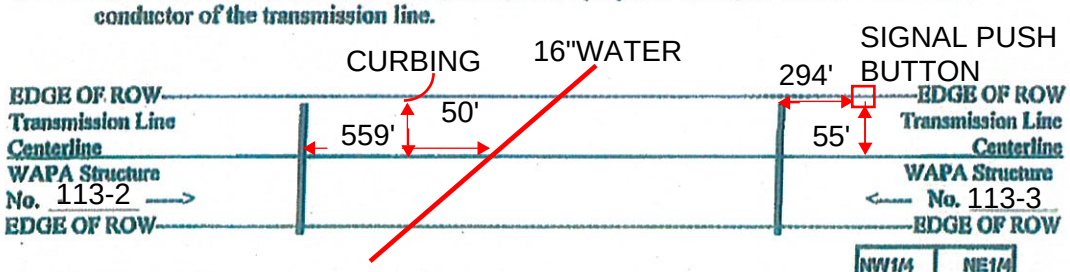
County: MARICOPA, State: _____, Latitude: 33.420772 Longitude: -112.595843

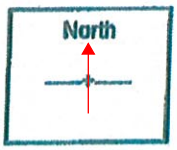
Complete if applicable: Subdivision N/A, Lot _____,
Block _____, City _____

PROFILE: Show the location, height (feet), and distance (feet) from the nearest transmission line structure.

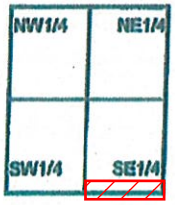


PLAN: Show the location and dimensions (in feet) of the proposed facility in relation to the center conductor of the transmission line.





Show NORTH by arrow at (+) in block at left and show approximate location in Section at right.



Attach other drawings and information as appropriate.

NOTE: Induced voltages and currents may occur on facilities constructed or placed under or near high voltage transmission lines, therefore, the Licensee shall be responsible for the protection of personnel and equipment in their design, construction, operation and maintenance of the facilities described in this application.

CASEY WHITEMAN
(602) 490-0535
CWHITEMAN@HILGARTWILSON.COM
Name: (Please Print) *can be engineer or representative*

Signature

company or private party owning the facility
Company: LGE DESIGN BUILD
Address: 1200 N. 52ND STREET
PHOENIX, AZ 85008

Telephone No: (480) 966-4001
Email: JOHNM@LGEDESIGNGROUP.COM



Legend

Scale 1:12,004
7/22/2021 3:41 P.M.

Western Area Power Administration
An agency of the U.S. Department of Energy

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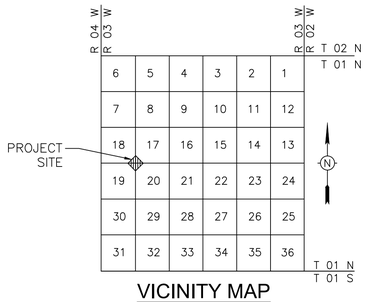
Exh. A-003

10 WEST COMMERCE PARK

MILLER RD & LOWER BUCKEYE RD STREETLIGHT PLANS

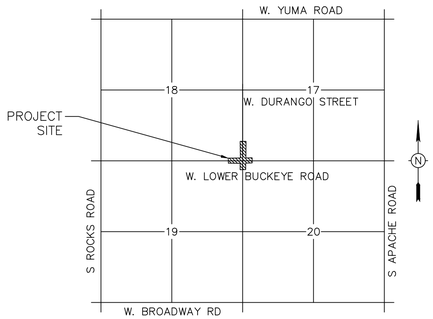
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 3 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

Street Lighting NOT Approved



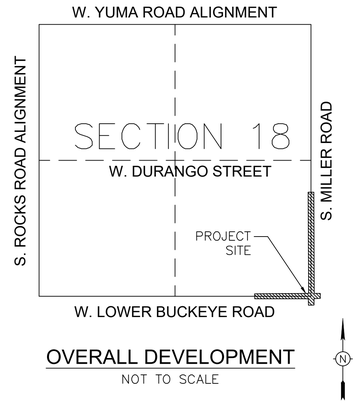
VICINITY MAP

NOT TO SCALE



LOCATION MAP

NOT TO SCALE



OVERALL DEVELOPMENT

NOT TO SCALE

FEMA FLOOD ZONE INFORMATION

COMMUNITY NUMBER	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEV. (IN AO ZONE, USE DEPTH)
04013C	2115 10/16/2013	L	10/16/2013	X	N/A
ALL FLOOD ZONES ARE SHOWN IN THIS PLAN SET.					

GENERAL PERMITTING NOTES

1. ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF BUCKEYE DESIGN STANDARDS. IF THERE IS A CONFLICT, THE CITY OF BUCKEYE STANDARDS WILL GOVERN.
2. THE APPROVAL OF THE PLANS IS VALID FOR ONE (1) YEAR FROM THE DATE OF THE CITY ENGINEER'S SIGNATURE. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN ONE (1) YEAR, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
3. A CITY OF BUCKEYE INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF BUCKEYE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY THE CITY 24 HOURS PRIOR TO THE INSPECTION BY CALLING (623) 349-6248.
4. CITY PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. A CITY PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER ALL FEES HAVE BEEN PAID AND THE PERMIT HAS AN APPROVED MARICOPA COUNTY ENVIRONMENTAL SERVICES DUST PERMIT AND AN APPROVED STORM WATER POLLUTION PREVENTION PLAN ATTACHED. THE SWPPP SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
5. COPIES OF ALL PERMITS AND MOST RECENT APPROVED PLANS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS AND PLANS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL PROPER PERMIT DOCUMENTATION AND/OR PLANS ARE OBTAINED. ALL OF THESE REQUIREMENTS APPLY TO ONSITE GRADING AND IMPROVEMENT PLANS.

UTILITY COMPANIES — DATE SUBMITTED

ELECTRIC	ARIZONA PUBLIC SERVICE	7/20/2021
TELEPHONE	CENTURYLINK	7/20/2021
CATV	COX COMMUNICATIONS	7/20/2021
WATER	CITY OF BUCKEYE	5/17/2021
SEWER	CITY OF BUCKEYE	5/17/2021
GAS	SOUTHWEST GAS	7/20/2021

STREET LIGHTING (APS AREA)

KEY NO.	SYMBOL	STREET TYPE	OFFSET BEHIND B/C	QUANTITY	POLE		MAST ARM	LUMINAIRE								LED STREETLIGHT SPEC NUMBER
					POLE HEIGHT	FOUNDATION	SIZE	MOUNTING HEIGHT	LUMENS	WATTAGE	C.C.T.	I.E.S. DISTRIBUTION	VOLTAGE	TYPE	COLOR	STYLE	
(1)		MAJOR COLLECTOR	4' BOC OR 2' BOW	4	32'-0"	FLUSH FOUNDATION	8'X8'	40'-0"	11,100	96W	3000	TYPE 3	PER APS	LED	DARK BRONZE	ARCHITECTURAL (SHOEBOX)	ERLH011C330EDKBZLRG
(2)		MAJOR ARTERIAL	6' BOC OR 2' BOW	5	32'-0"	FLUSH FOUNDATION	8'X8'	40'-0"	17,300	140W	3000	TYPE 3	PER APS	LED	DARK BRONZE	ARCHITECTURAL (SHOEBOX)	ERL2018C330EDKBZLRG

OWNER

COMPANY: LGE DESIGN BUILD
CONTACT: JOHN MOCARSKI
ADDRESS: 1200 N. 52ND ST. PHOENIX, AZ 85008
PH: 480-966-4001
EMAIL: JOHNM@LGEDESIGNGROUP.COM

ENGINEER

COMPANY: WRIGHT ENGINEERING
CONTACT: ADAM BOWERS
ADDRESS: 165 E CHILTON DRIVE CHANDLER, AZ
PHONE: (480) 497-5829
FAX: (480) 497-5807
EMAIL: ABOWERS@WRIGHTENGINEERING.US

SHEET INDEX

SHEET SL1	STREET LIGHT COVER SHEET
SHEET SL2	NOTES & VICINITY MAP
SHEET SL3	STREET LIGHT DESIGN
SHEET SL4	STREET LIGHT DETAILS

BASIS OF BEARING

BASIS OF BEARING IS SOUTH 00°15'25" WEST (SOUTH 00°07'07" EAST RECORD) ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 3 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, BETWEEN THE MONUMENTS AS SHOWN HEREON.

BENCH MARK

BENCHMARK IS A FOUND 3" MARICOPA COUNTY HIGHWAY DEPARTMENT BRASS CAP IN HAND HOLE LOCATED AT THE EAST QUARTER CORNER OF SECTION 18, TOWNSHIP 1 NORTH, RANGE 3 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, PER RECORD OF SURVEY PLSS SUBDIVISION AS RECORDED IN BOOK 638, PG 32, RECORDS OF MARICOPA COUNTY, ARIZONA.

ELEVATION= 1056.829'
DATUM: NAVD88

APPROVAL

DISCLAIMER:

THE CITY APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS AND OMISSIONS.

BY: _____
BUCKEYE CITY ENGINEER DATE

BY: _____
WESTERN AREA POWER ADMINISTRATION (WAPA) DATE

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "AS – BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

_____
ARIZONA REGISTERED LAND SURVEYOR/ENGINEER

_____
ARIZONA REGISTRATION NUMBER DATE

_____
TELEPHONE NUMBER

Call at least two full working days before you begin excavation.
ARIZONA 811 Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
in Maricopa County: (602) 263-1100

MANAGING ENGINEERING / SURVEYOR
WRIGHT ENGINEERING CORPORATION
165 E CHILTON DR
CHANDLER, AZ 85225
(480) 497-5829

PROJECT COORDINATOR
AARON KUTCHINSKY

DESIGN LAYOUT	DRAFTED	CHECKED	DRAFTED	CHECKED
MRS	MRS	ADK		

FIELD SURVEY

DRAWING SCALES
SEE PLANS

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE (480) 497-5829 • FAX (480) 497-5807
www.wrightengineering.us Project # 21025

PLAN TYPE: STREET LIGHT PLANS

ENGINEER INFORMATION

PROJECT: BUCKEYE, ARIZONA
10 WEST COMMERCE PARK

COB PROJECT PLAN STICKER

REVISIONS:

1

2

3

COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	SUBMITTAL: 3RD SUBMITTAL
AS-BUILT SEAL	DESIGN SEAL: Registered Professional Engineer (Civil) Certificate No. 46691 ADAM M. BOWERS Date Signed 9-24-21 Expires 9-30-22	COB PLAN TRACKING # ENG- ENG-21-0177 COB PERMIT #
ORIGINAL PLAN DATE: MAY 2021	LATEST REVISION DATE: SEPT 2021	
PROJECT NUMBER: 21025	SHEET NUMBER: SL1 OF 4	

DSW-11-2021-058

CITY OF BUCKEYE GENERAL CONSTRUCTION NOTES

ALL CITY OF BUCKEYE GENERAL NOTES AND UTILITY NOTES ARE ACCESSIBLE ON THE CITY OF BUCKEYE WEBSITE AT www.buckeyeaz.gov, UNLESS OTHERWISE ATTACHED.

STREET LIGHT NOTES

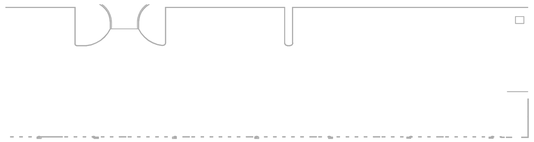
1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATION.
2. POLE SHALL COMPLY WITH CURRENT AASHTO LOADING REQUIREMENTS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS.
3. REFER TO BUCKEYE DETAIL FOR ANCHOR BOLT DETAILS.
4. THE FOUNDATION HOLE SHALL BE AUGERED AND MAG CLASS "A" (3,000 PSI) CONCRETE, POURED AGAINST UNDISTURBED COMPACTED EARTH.
5. UNSTABLE SOIL AND / OR A STEEP SLOPE WILL REQUIRE A DEEPER FOUNDATION. REFER TO MANUFACTURE REQUIREMENTS, DESIGN PLANS, AND SPECIAL PROVISIONS FOR DETAILS.
6. EACH POLE SHALL HAVE AN 10' X 5/8" COPPER CLAD GROUND ROD, DRIVEN OUTSIDE THE AREA EXCAVATED FOR THE POLE APPROXIMATELY 18" FROM POLE GROUND RODS SHALL BE LOCATED IN THE CITY OF BUCKEYE JUNCTION BOX. A #6 BARE COPPER LEAD SHALL BE USED BETWEEN THE GROUND ROD AND THE LANDING LUG IN HAND HOLE.
7. THE POLE SHALL BE STRAIGHT PIPE.
8. ALL WELDS SHALL BE GROUNDED SMOOTH, AND ALL BURRS AND SHARP EDGES SHALL BE REMOVED PRIOR TO ANY PAINTING.
9. ALL DIMENSIONS ARE NOMINAL.
10. REFER TO PLAN DETAILS FOR VARIATIONS IN POLE APPLICATIONS.
11. AT NO TIME SHALL SLIP-BASE POLES, BASES, FOUNDATIONS, ect. BE PERMITTED FOR USE.
12. A METAL TAG SHALL BE PERMANENTLY ATTACHED WITH RIVETS TO THE POLE ABOVE THE HAND HOLE STATING THE MANUFACTURERS NAME, POLE TYPE, MAST ARM TYPE, WATTAGE, AND DISTRUBUTION TYPE PER THE STREETLIGHT PLANS AND CITY DETAIL #6. ALL OTHER ITEMS SHOULD BE ATTRIBUTES IN THE DATA BASE. APS WILL PROVIDE POLE NUMBERS PER THE UTILITIES REQUIREMENTS.
13. A HAND HOLE COVER LOCKING DEVICE SHALL BE USED.
14. THE HAND HOLD SHALL BE 3"X5", AND THE COVER PLATE WILL BE AT LEAST 16 GAUGE.
15. POLE GROUND SHALL BE 5/16" DIA X 10' COPPER CLAD GROUND ROD PER CITY DETAIL #6
16. HAND HOLE SHALL BE ORIENTED SO THAT IT IS ALIGNED WITH THE MAST ARM AND AS FAR FROM VEHICULAR TRAFFIC AS POSSIBLE.
17. HAND HOLE HEIGHT TO BE 2'-6" FOR BASE MOUNTED POLE & 3'-6" FOR DIRECT BURIED POLES FROM CENTER OF HAND HOLE TO THE BASE PLATE OF THE POLE.

BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	ROADWAY POLE AND LUMINAIRE SPECIFICATIONS	DATE:	DETAIL #7 1 OF 2

STREET LIGHT NOTES

18. HAND HOLE COVER MAY BE RECTANGULAR SHAPE OR OVAL SHAPE.
19. ANCHOR BOLTS SHALL CONFORM TO THE POLE MANUFACTURER'S STANDARDS AND BE MINIMUM ASTM F 1554 GRADE 55 STEEL.
20. ALL ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE FULLY GALVANIZED PER ASTM A153.
21. REBAR SHALL BE PER ASTM A 615 LATEST EDITION GRADE 60 AND SHALL BE TIED TOGETHER. NO TACK WELDING ALLOWED.
22. REBAR SHALL NOT BE SET CLOSER THAN 3" TO ANY EXTERIOR SURFACE.
23. THE TOP OF THE POLE FOUNDATION AND PULLED BOXES SHALL MATCH EXISTING SIDEWALK GRADE WHEREVER POSSIBLE. IF NO SIDEWALK EXISTS THAN THE POLE FOUNDATION SHALL EXTEND 1" ABOVE THE FINISHED GRADE. PULL BOXES SHALL BE SET TO MATCH THE EXISTING SLOPE.
24. PULL BOXES SHALL HAVE BOLTS INSTALLED PRIOR TO ENERGIZING. THE BOLTS SHALL BE A SECURITY TYPE REQUIRING A SPECIALIZED TOOL TO REMOVE. MINIMUM OF PENTA-HEAD STYLE BOLTS SHALL BE REQUIRED.
25. COMPACTION BENEATH AND AROUND THE PULL BOXES SHALL BE A MINIMUM OF 95 PERCENT PER MAG SPECS. SECTION 601.
26. THE PULL BOX COVER SHALL READ " C.O.B. STREET LIGHTING"
27. POLE OFFSET SHALL COMPLY WITH THE POLE SCHEDULE AND DESIGN PLANS. FIELD ADJUSTMENTS MAY BE PERMITTED AT THE DISCRETION OF THE DESIGN ENGINEER.
28. CONDUIT SHALL EXTEND A MINIMUM OF 2" ABOVE THE FOUNDATION.
29. THE USE OF CONDUIT CAPS SHALL BE REQUIRED TO KEEP THE SWEEP FREE FROM DIRT AND DEBRIS DURING THE FOUNDATION CONSTRUCTION. **DO NOT GLUE ON CAPS.**
30. IF THE STREETLIGHT IS PLACED IN SIDEWALK, EXTEND THE ANCHOR BOLTS TO THE MAXIMUM OF 3¼" ABOVE THE FOUNDATION.
31. THE CONCRETE FOUNDATION SHALL BE POURED IN DRILLED HOLES. USE OF A MINIMUM 18" DEEP SONOTUBE AT THE TOP OF THE FOUNDATION IS REQUIRED TO PROVIDE A UNIFORM AND CONTROLLED FOUNDATION.
32. THE FOUNDATION TEMPLATE SHALL BE REMOVED AFTER THE CONCRETE HAS SET.
33. THE FOUNDATION SHALL BE TROWELED SMOOTH WITH A SLIGHT SLOPE TO PROMOTE MOISTURE RUNOFF FINISH WITH ½" ROUNDED EDGE.
34. IF STREET LIGHT POLE FOUNDATIONS ARE TO BE PLACED IN A CONCRETE PAD (SIDEWALK, HANDI-CAP RAMP) THERE SHALL BE A ½" PIECE OF EXPANSION MATERIAL BETWEEN THE FOUNDATION AND THE CONCRETE PAD.
35. WIRE FROM JUNCTION BOX TO LAMP SHALL BE 2-#14Cu-THWN-2 AND 1#14 BARE COPPER GROUND. COLORED PER THE NEC REQUIREMENT.
36. JUNCTION BOX TO CONTAIN 10 AMP WATER TIGHT 10AMP FUSE IN 65U BREAK AWAY FUSE HOLDER ON EACH POWER CONDUCTOR. FUSE IN HAND HOLE IS NOT REQUIRED BY THE CITY OF BUCKEYE.
39. ALL STREETLIGHTS SHALL BE INSPECTED BY A CITY OF BUCKEYE INSPECTOR.
40. ALL STREETLIGHTS MUST HAVE A 3 DAY BURN PERIOD PRIOR TO INSPECTION.

BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	ROADWAY POLE AND LUMINAIRE SPECIFICATIONS	DATE:	DETAIL #7 2 OF 2



Street Lighting NOT Approved

504-26-008K

KEY MAP
N.T.S.

FOR ROADWAY CROSS SECTIONS REFER TO CIVIL PLANS.

Call at least two full working days before you begin excavation.
ARIZONA 811 Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
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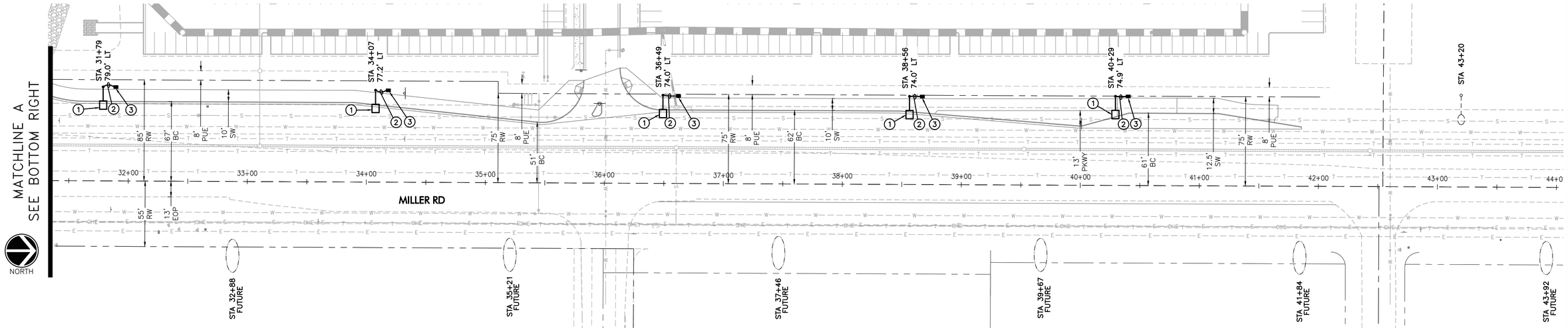
WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us Project # 21025

10 WEST COMMERCE PARK STREET LIGHT PLANS

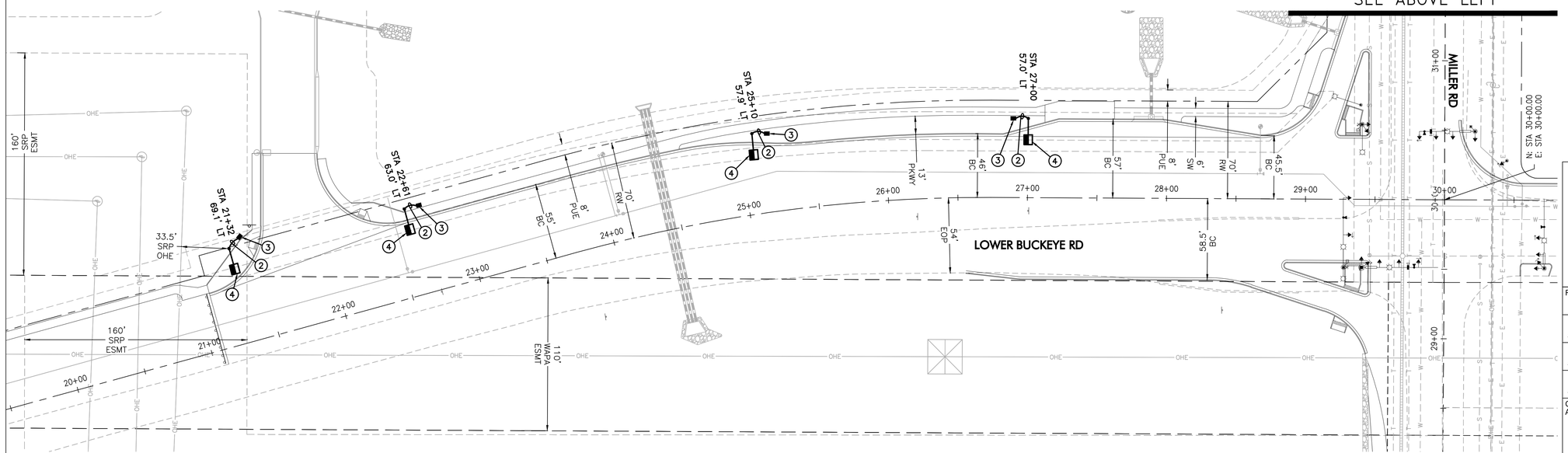
REVISIONS:
1
2
3

COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	SUBMITTAL: 3RD SUBMITTAL
AS-BUILT SEAL	DESIGN SEAL: Registered Professional Engineer (Electrical) Certificate No. 46691 ADAM M. BOWERS Date Signed 4-14-21 Arizona U.S.A. Expires 9-30-22	COB PLAN TRACKING # ENG-
ORIGINAL PLAN DATE: MAY 2021	LATEST REVISION DATE: SEPT 2021	COB PERMIT # ENG-21-0177
PROJECT NUMBER: 21025	SHEET NUMBER: SL2 OF 4	

Exh. A-8



Street Lighting NOT approved.



LEGEND

- 96W LED SHOEBOX STREETLIGHT WITH 40'–0" MOUNTING HEIGHT
- 140W LED SHOEBOX STREETLIGHT WITH 40'–0" MOUNTING HEIGHT
- NEW CONDUIT RUN
- PULL BOX
- FUTURE STREET LIGHT
- FIRE HYDRANT

CONSTRUCTION NOTES

1. 140W LED (17,300 LUMEN) TYPE 3 FIXTURE (DETAIL #3) PHOTOELECTRIC CONTROL, 32'–0" POLE (DETAIL #1) 8' MAST ARM (DETAIL #4). (2) #14 THWN–2 FROM LUMINAIRE TO FUSE HOLDER. ALL WIRING, FUSING, CONDUIT & GROUNDING PER COB DETAIL #6 (DETAILS ON SHEET SL4).
2. 1" CONDUIT WITH (2) #14 TYPE THWN–2 AND (1) #14 BARE BOND FROM POLE TO APS PULL BOX PER COB DETAIL #6 (SEE SHEET SL4).
3. INSTALL APS PULL BOX NEXT TO STREET LIGHT POLE PER CITY OF BUCKEYE STANDARD DETAIL #6 AND APS DETAILS AND SPECIFICATIONS. (SEE SHEET SL4).
4. 96W LED (11,100 LUMEN) TYPE 3 FIXTURE (DETAIL #3) PHOTOELECTRIC CONTROL, 32'–0" POLE (DETAIL #1) 8' MAST ARM (DETAIL #4). (2) #14 THWN–2 FROM LUMINAIRE TO FUSE HOLDER. ALL WIRING, FUSING, CONDUIT & GROUNDING PER COB DETAIL #6 (DETAILS ON SHEET SL4).

GRAPHIC SCALE

40 20 0 20 40 80

1 INCH = 40 FEET

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PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us Project # 21025

10 WEST COMMERCE PARK STREET LIGHT PLANS

REVISIONS:

1

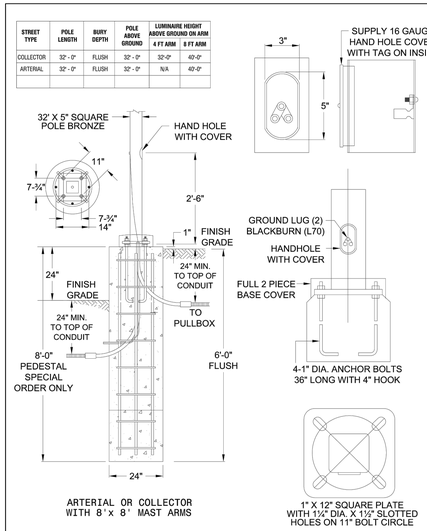
2

3

COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	SUBMITTAL: 3RD SUBMITTAL
AS-BUILT SEAL	DESIGN SEAL: Registered Professional Engineer (Civil), Certificate No. 46691, ADAM M. BOWERS, Date Signed 8-24-21, Arizona U.S.A., Expires 9-30-22	COB PLAN TRACKING # ENG- ENG-21-0177
ORIGINAL PLAN DATE: MAY 2021	LATEST REVISION DATE: SEPT 2021	COB PERMIT #
PROJECT NUMBER: 21025	SHEET NUMBER: SL3 OF 4	

DSW-1.1-2021-058

STREET TYPE	POLE LENGTH	BURY DEPTH	POLE ABOVE GROUND	LUMINAIRE HEIGHT ABOVE GROUND ON ARM 4 FT ARM	LUMINAIRE HEIGHT ABOVE GROUND ON ARM 8 FT ARM
COLLECTOR	32' - 0"	FLUSH	32' - 0"	32'-0"	40'-0"
ARTERIAL	32' - 0"	FLUSH	32' - 0"	N/A	40'-0"



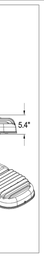
SPECIFICATIONS:

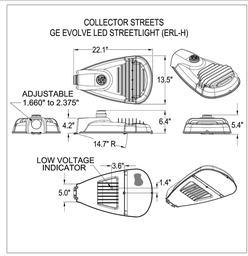
1. POLE SHALL BE DESIGNED FOR 100 MPH STEADY WINDS
2. THE POLE SHAFT IS FABRICATED FROM A WELDABLE GRADE HOT-ROLLED CARBON STEEL PIPE AND HAS A MINIMUM YIELD STRENGTH OF 42,000 PSI. TUBING SHALL MEET ASTM A-500 GRADE B.
3. THE BASE PLATE IS FABRICATED FROM STRUCTURAL QUALITY HOT-ROLLED CARBON PLATE THAT MEETS OR EXCEEDS THE REQUIREMENTS OF ASTM-A36.
4. ANCHOR BOLTS ARE FABRICATED FROM HOT-ROLLED CARBON STEEL BAR THAT MEETS OR EXCEED REQUIREMENTS OF ASTM A36. EACH BOLT HAS AN "L" BEND ON ONE END AND A MINIMUM 4" THREAD ON THE OTHER, WITH 2 NUTS AND 2 WASHERS (ASSEMBLED). THE ANCHOR BOLT IS HOT-DIPPED GALVANIZED PER ASTM-A153
5. THE HANDHOLE CONSIST OF A 3" X 5" OVAL REINFORCED FRAME WITH 16 GAUGE COVER, STEEL ATTACHMENT BAR, AND ¼" SCREW. A GROUNDING LUG IS INSTALLED INSIDE THE POLE SHAFT OPPOSITE THE HANDHOLE OPENING. THE HANDHOLE IS WELDED IN THE POLE SHAFT AND LOCATED AT 30" ABOVE THE BASE.
6. THE POLE IS SAND BLASTED TO A NEAR WHITE FINISH AND TREATED WITH AN IRON PHOSPHATE SOLUTION. A HIGH QUALITY POLYESTER POWDER IS THEN ELECTROSTATICALLY APPLIED AND CURED TO A MINIMUM 2.5 MIL. THICKNESS.

SPECIFICATIONS:

TUBE, STEEL, 5" X 5" X 0.188" WALL, 32" LONG (ASTM A-500, GRADE B).
PLATE, BASE, 1" X 12" SQUARE WITH 1¼" Ø X 1½" LONG SLOTTED HOLES ON A 11" BOLT CIRCLE.
LUG, TERMINAL (BLACKBURN L70).
BOLT, ¼" X ¾" ROUND HEAD-RIBBED SHANK WITH NUT.
WASHER, ¼" ROUND
SCREW, ¼" X 1" STAINLESS STEEL HEX. SOCKET BUTTON HEAD.
PLATE, 7" X 3½" HAND HOLE COVER.
WASHER, SINGLE COIL LOCK, ¼".
COVER, ANCHOR BASE BOLT.
POWDER COAT APS BRONZE.

BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	STANDARD DARK BRONZE SQUARE POLES (FOUNDATION FLUSH & PEDESTAL)	DATE:	DETAIL #1



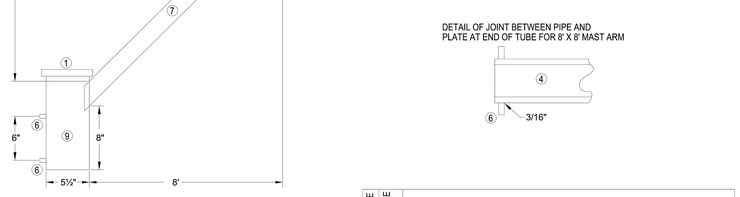


WATTAGE AND LUMEN OUTPUTS LISTED ARE AN ESTIMATE BASED ON CURRECT TECHNOLOGY AND MAY BE ADJUSTED AS NEEDED TO MEET THE PHOTOMETRIC LEVELS REQUIRED.

GE Evolve II Dark Bronze Shoebox LED Fixtures

WATT	LUMEN	DESCRIPTION	MODEL#
39W	4,900	SCALABLE ROADWAY GE LED BRONZE LOCAL RESIDENTIAL STREET LUMINAIRE 39WATT, 3000K, 4,900 LUMEN, ROADWAY, LED, TERMINAL BOARD, 10KV SURGE PROTECTION, 90 DEGREE CUTOFF, DARK BRONZE, MULTIVOLT 120/208/240/277 DRIVER, IES DISTRIBUTION TYPE BY DESIGN, ANSI C136.41 7 PIN TWISTLOCK PHOTO CONTROL RECEPTACLE, CSA OR UL CERTIFIED, ANSI C136.15 WATTAGE LABEL.	ERL1005_B33CEDKBZLRG
96W	11,100	SCALABLE ROADWAY GE LED BRONZE CCOLLECTOR STREET LUMINAIRE 96WATT, 3000K, 11,100 LUMEN, ROADWAY, LED, TERMINAL BOARD, 10KV SURGE PROTECTION, 90 DEGREE CUTOFF, DARK BRONZE, MULTIVOLT 120/208/240/277 DRIVER, IES DISTRIBUTION TYPE BY DESIGN, ANSI C136.41 7 PIN TWISTLOCK PHOTO CONTROL RECEPTACLE, CSA OR UL CERTIFIED, ANSI C136.15 WATTAGE LABEL.	ERLH011_33CEDKBZLRG
140W	17,300	SCALABLE ROADWAY GE LED BRONZE ARTERIAL& PARKWAY LUMINAIRE 140WATT, 3000K, 17,300 LUMEN, ROADWAY, LED, TERMINAL BOARD, 10KV SURGE PROTECTION, 90 DEGREE CUTOFF, DARK BRONZE, MULTIVOLT 120/208/240/277 DRIVER, IES DISTRIBUTION TYPE BY DESIGN, ANSI C136.41 7 PIN TWISTLOCK PHOTO CONTROL RECEPTACLE, CSA OR UL CERTIFIED, ANSI C136.15 WATTAGE LABEL.	ERL2018_33CEDKBZLRG
		20 YEAR PHOTOCELL REQUIREMENTS ADJUST EYE TO FACE NORTH, CONTROL PHOTO MULTI BR-20 CONTROL, PHOTO-ELECTRIC, BROWN, 20YEAR FAIL OFF, 120/208/240/277 MULTI-VOLT, SILICON, SOLID STATE, 2.40 TO 3.60 FC ON 1.2 TO 2.4 FC OFF, 60 HERTZ, 320 JOULE MOV, INVERSE ON/OFF RATIO .6:1 +/- .1, FAIL OFF, THREE PIN NEMA TWISTLOCK, 20 YEAR LIFE, 8483-SIDE SELC, MODEL #8483F2TMABR	

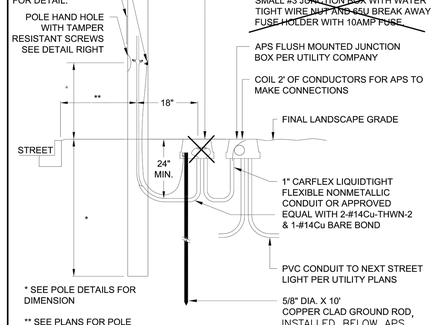
BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	STANDARD LED LUMINAIRES	DATE:	DETAIL #3



NOTES:
1. ALL WIRE ENTRANCE AND EXIT HOLES SHALL BE FREE OF BUURS AND ROUGH EDGES.
2. PAINT ARMS PER MS-1996 SECTION B (NOTE THAT PARAGRAPH CONCERNING BELOW GRADE COATING DOES NOT APPLY TO MAST ARMS).
3. MAST ARMS SHALL BE DESIGNED FOR LUMONAIRES WITH 5' LENGTH, 63# WEIGHT, AND 2.54 FT. SQ. EFFECTIVE AREA EACH. DESIGN SHALL BE PER AASHTO STD SPECS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNS, LATEST EDITION WITH WIND SPEED PER TABLE 1.2.5A EQUAL TO 80 MPH.
4. STAMP OR TAG WITH APN 61738, YEAR, MANAFACTURE LOGO.
5. DOUBLE MAST ARMS AT 180° FOR THIS DETAIL ARE AVAILABLE FOR MEDIAN LIGHTING.

CODE	SINGLE ARM	MATERIAL LIST DESCRIPTION
1	1	CAP, METAL 5-1/2" X 5-1/2" X 3/4"
2	1	CAP, METAL 5-1/2" X 5-1/2" X 1"
3	1	PIPE, STEEL, 2" SCHEDULE 40, 6-1/2" LONG (MAX. 2-3/8"O.D.)
4	1	PLATE, 3" X 4.243" X 3/16"
5	1	PLATE, 3" X 3" X 3/16"
6	4	SET SCREW, HEXAGON, 1/2-1/3 NC X 1/2", ZINC PLATED
7	1	TUBE, 3" X 3" X 11'-6", 0.188 WALL STEEL (ASTM A-500, GRADE B)
8	0	N/A
9	1	TUBE, 5-1/2" X 5-1/2" X 12", 0.188 WALL STEEL (ASTM A-500, GRADE B)

BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	STANDARD DARK BRONZE SQUARE MAST ARMS 8' X 8' PARKWAYS, ARTERIALS, COMMERCIAL COLLECTORS	DATE:	DETAIL #4



ELECTRICAL REQUIREMENTS FOR NEW POLE INSTALLATION

1. JUNCTION BOXES SHALL MEET UTILITY COMPANY STANDARDS.
2. CONDUIT, CONDUCTORS, AND FUSE HOLDERS SHALL BE LISTED AND LABELED FOR USE IN A WET LOCATION WHEN USED IN A JUNCTION BOX. NEC300.5(B), 310.8(C)
3. IN-LINE FUSE HOLDER USED IN THE CITY OF BUCKEYE JUNCTION BOX OR SERVICE DROP SHALL BE CONSIDERED AS DISCONNECTING MEANS. FUSE HOLDERS TO BE RATED AT 22,000 AIC MINIMUM. NEC 240.40
4. ELECTRICAL CONNECTIONS-CONDUCTORS OF DISSIMILAR METALS SHALL NOT BE INTERMIXED IN A TERMINAL OR SPLICING CONNECTOR WHERE PHYSICAL CONTACT OCCURS BETWEEN DISSIMILAR CONDUCTORS, (COPPER, ALUMINUM) UNLESS THE DEVICE IS IDENTIFIED FOR THE PURPOSE AND CONDITIONS OF USE. NEC 110.14
5. ELECTRICAL CONNECTIONS OR SPLICES IN AN UNDERGROUND INSTALLATION SHALL BE APPROVED FOR WET LOCATIONS. (NEC 300.5)
6. NON-CURRENT CARRYING CONDUCTIVE MATERIALS ENCLOSING ELECTRICAL CONDUCTORS OR EQUIPMENT, OR FORMING PART OF SUCH EQUIPMENT, SHALL BE CONNECTED TO EARTH IN A MANNER THAT WILL LIMIT THE VOLTAGE IMPOSED BY LIGHTNING OR UNINTENTIONAL VOLTAGE DUE TO SHORT CIRCUITS AND LIMIT THE VOLTAGE TO GROUND ON THESE MATERIALS. NEC 250.4(B) (GROUND RODS)
7. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED FROM THE COPPER CLAD GROUND ROD IN THE CITY OF BUCKEYE JUNCTION BOX TO THE POLE / LUMINAIRE WITH THE CURRENT CARRYING CONDUCTORS. NEC 410.30(B)(3).
8. CONNECTION TO THE GROUND ROD AND THE GROUNDING ELECTRODE SHALL BE LISTED AND LABELED FOR USE. NEC 250.8
9. CONNECT #6 BARE COPPER WIRE FROM THE GROUND ROD ADJACENT TO THE POLE OR IN JUNCTION BOX TO THE GROUND LUG IN THE POLE.
10. POLES THAT HAVE MORE THAN ONE LUMINAIRE REQUIRE A SEPARATE CIRCUIT WITH FUSING FROM THE J-BOX TO EACH LUMINAIRE.

BUCKEYE, AZ	CITY OF BUCKEYE STANDARD DETAIL	J-BOX, GROUNDING, WIRING, FUSING AND METAL TAG REQUIREMENTS	DATE:	DETAIL #6

THE CITY OF BUCKEYE IS IN THE PROCESS OF UPDATING DETAIL #6. THE COB PULL BOX IS NO LONGER REQUIRED. PROVIDE 65U BREAK AWAY INLINE FUSE HOLDER IN STREET LIGHT HAND HOLE, WITH 10 AMP KTK FUSE.

Street Lighting NOT Approved

WRIGHT engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE • CHANDLER, ARIZONA 85225
PHONE 480.497.5829 • FAX 480.497.5807
www.wrightengineering.us Project # 21025

10 WEST COMMERCE PARK STREET LIGHT PLANS

REVISIONS:

1

2

3

COB PERMITTING APPROVED SEAL	COB ENGINEERING APPROVED SEAL	SUBMITTAL: 3RD SUBMITTAL
AS-BUILT SEAL	DESIGN SEAL Registered Professional Engineer (General) Certificate No. 46691 ADAM M. BOWERS Date Signed 9-24-21 Expires 9-30-22	COB PLAN TRACKING # ENG-
ORIGINAL PLAN DATE MAY 2021	LATEST REVISION DATE SEPT 2021	COB PERMIT # ENG-21-0177
PROJECT NUMBER 21025	SHEET NUMBER SL4 OF 4	

Call at least two full working days before you begin excavation.
ARIZONA 811 Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
in Maricopa County: (602) 263-1100

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.J. Buckeye Aquatics Center Pool Deck Surfacing Project
DATE PREPARED: 12/16/21	**DISTRICT NO.:** All
STAFF LIAISON: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623)-349-6225	
DEPARTMENT: Construction and Contracting	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on the Sole Source procurement of a premium rubber surfacing for the Buckeye Aquatics Center Pool Deck from RubCorp Distribution LLC, with a total expenditure not to exceed $227,150.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
The Construction and Contracting division is recommending RubCorp Distribution LLC, to provide products, installation and warranty through a "Sole Source" procurement of Rubcorp's premium rubber surfacing for the Buckeye Aquatics Center Pool deck. The collective installation experience of Rubcorp Distribution LLC has led to an accumulation of proprietary and exclusive techniques, procedures, assessments and products that have no comparison within the rubber surfacing industry. These elements combined with the attributes of the Rubcorp Rubber Surfacing Systems lead to the conformed conclusion that there is no alternative combination of surfacing system and installation practices that can be compared in a relative sense to best suit the requirements of the City Aquatic Center pool deck. The expenditure is not to exceed $227,150.00.

BENEFITS:
The performance and durability of the Rubcorp system leads to a long-lasting surface that will eliminate budgeting for regular reapplications and leads to a cost-effective option for reduced maintenance and customer satisfaction for the Buckeye Aquatic Center.

FUTURE ACTION:
Once approved, the Construction and Contracting will issue a Notice to Proceed (NTP) and Purchase order to obligate funds.

FINANCIAL IMPACT STATEMENT:
The project will be paid through the current fiscal year's budget by Fund/Department. The expenditure is not to exceed $227,150.00 for FY 2021/2022.

CURRENT FISCAL YEAR TOTAL COST:
$227,150.00

BUDGETED:
Yes

FISCAL YEAR:
FY 2021/2022

FUND/DEPARTMENT:
10003172-540040

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
Procurement Approval Request.pdf
Pool Deck - Safety Rubber Surfacing Quote.pdf

CITY OF BUCKEYE
SOLE-SOURCE OR NON-COMPETITIVE
PROCUREMENT APPROVAL REQUEST
FOR COMMODITIES AND SERVICES

(Commodity: something that is bought and sold, especially a manufactured product or raw material)

1. **City Department making the request:** Public Works Division

   Requestor's name: Robert Linton and Scott Tijerina

   Requestor's phone: Robert 623-349-8057 and Scott 623-765-4859

2. **Description of commodities/services to be purchased:** Supply & Install Rubcorp Destination line premium rubber surfacing for COB Aquatics Center Pool Deck.

3. **What are the requirements of <u>this</u> purchase?**

   Council approval for the expenditure approved in the Fiscal 2021/2022 Budget. Once approved, the Construction and Contracting Division will place an order with Rubcorp for the product and installation. The project must be completed prior to Aquatic Center opening.

4. **Describe the unique circumstances believed to justify this purchase a sole-source or non- competitively solicited commodity or service:**

   Rubcorp proprietary processes and products to include Rubcorp training academy, Rubcorp Primer, Rubcorp swipe stick, Resin to Rubber ratio, RC-11 Topcoat, Rubcorp destinations and Rubber Surfacing Systems attributes summarized in attached document.

5. **Describe the unique experience/qualifications this potential vendor possesses that pertain to the commodities/services required:**

   Rubcorp has developed a process of specialized methods and techniques, as well as product innovations that provide their surfaces to stand apart in both endurance and experience. The collective installation experience of Rubcorp Distribution LLC has led to an accumulation of proprietary and exclusive techniques, procedures, assessment and products that have no comparison within the rubber surfacing industry. (See attachment)

6. **Describe the efforts/activities undertaken to identify other potential vendors:**

   The Public Works Division researched multiple Companies that supply surfaces for pool deck to address issues with moisture. A rubber decking is the latest technology utilized on public pool decks. The rubber product reduces slip liability, surface drainage and is flexible in order to avoid cracks, chipping from moisture coming up through concrete. The installation, products, technique are proprietary to Rubcorp.

7. **What is the estimated value of the commodities being purchased?** $227,150.00

8. **Note term of potential relationship:**

   (a) Vendor relationship will be ongoing: Yes __x__ No _____

9. **Is installation required?** Yes __x__ No _____

CITY OF BUCKEYE
SOLE-SOURCE OR NON-COMPETITIVE
PROCUREMENT APPROVAL REQUEST
FOR COMMODITIES AND SERVICES

Public Works Division (Requesting Department) Hereby requests approval for Rubcorp/ Robert Linton (Proposed Vendor/Individual)

to be designated a sole source to provide the specific goods, work/services for the amount and term as described above.

Requestor's Information:

Requestor's Name (Print): Robert Linton	
Requestor's Signature:	
Requestor's Title: Public Works Operations Manager	Date: 11/24/2021

Department Head Validation:

Department Head Name (Print): Scott Lowe	
Dept. Head Signature	Date: 11/24/2021

Please consider this memo as my approval of this request. The exemption is granted pursuant to ARS 41-2536 and 3-4-21 of the City of Buckeye Procurement Code, based upon information provided and is contingent upon the accuracy of such information. This exemption may be rescinded in the event reliable information becomes available upon which I am able to determine that the goods or services sought may in fact be contracted for in a more effective manner.

AUTHORIZED BY: CA Williams — Manager, Construction and Contracting

Signature: Chris Williams City Manager/Procurement Officer	Date: 11/24/2021

Distribution:

1. Original - City Manager's file
2. Copy 1- Requestor
3. Copy 2 - Requestor provides for Department Head
4. Copy 3 - Include in receiving package when forwarded to A/P for payment
5. Other copies distributed as appropriate

Adobe Sign Transaction Number: CBJCHBCAABAAdFPyrRxbiRCwIHdzIgklhbEYDfetYVt4

Note: Upon approval, Requestor is responsible to direct vendor to the City website to complete the vendor registration process.

Rubcorp Distribution LLC
801 Hammond Street
Suite 375
Coppell, Texas 75019

Rubber Surfacing System Proprietary

TO: CITY OF BUCKEYE - ENGINEERING, FACILITIES, AND PROCUREMENT

FROM: RUBCORP DISTRIBUTION LLC

DATE: November 17, 2021

SUBJECT: **SUMMATION OF INTELLECTUAL AND PROCEDURAL PROPRIETY AND EXCLUSIVITY**

Overview of Rubcorp Rubber Surfacing Systems

Rubcorp Rubber Surfacing Systems are comprised of specified components, which are combined in a proprietary quantity and procedure, and applied using a hand-troweled technique, and is supplemented by a series of additional products and procedures depending on the application.

Rubcorp Exclusive Surfacing Components

The materials used for the installation of Rubcorp Rubber Surfacing Systems are sourced from a small number of manufacturing facilities which have undergone onsite inspection and been vetted by our Executive Team. Rubcorp Distribution LLC does not procure, offer, or utilize systems components that do not meet our specifications for raw material sourcing, manufacturing process, and packaging material and procedure. Only premium products are used and undergo standardized QA/QC testing updates. The primary components, points of inspection, and specified variances for Rubcorp Rubber Surfacing Systems are as follows:

- **Rubcorp Specific EPDM** *(Rubber Granules)*
  - No natural rubber is used as a part of our dedication to environmentally sustainable construction practices.
  - No recycled materials used, thereby avoiding harmful toxins and compromised material purification of other systems
  - Sulphur cured coloring that is vulcanized, and moisture cured to eliminate color loss after installation
  - Weight-based coloring to ensure accuracy and consistency
  - Non-permeable and encapsulated granular formation preventing the possibility of chemical penetration
  - Specified polymer content for optimal balance between durability and texture
  - 9 redundant dust removal systems and procedures to maximize system integrity
  - Deliberate granular structure allowing for highly durable and intentional water porous surfacing system

- **Rubcorp Family of Resins** *(Polyurethane Binder)*
  - *Although one-part polyurethane binding agent is used throughout the rubber surfacing industry, Rubcorp incorporates a specific design for optimal performance for pool decks.*
  - Transparent and specified additives ensure the prevention of "whitening" and flaking
  - Custom-blending allows for flexible working time in a wide range of temperatures and humidity
  - Specific and time-tested ratio of resin to rubber to maximize longevity
  - **Rubcorp UV** – an aliphatic binder that is **exclusive** and uniquely resistant to elevated exposures to ultraviolet spectrum
    - Industry best durability in "ultraviolet hot zones."

Rubcorp Distribution LLC
801 Hammond Street
Suite 375
Coppell, Texas 75019

    - Eliminated discoloration resulting from the chemical reaction of ultraviolet light ("ambering")
- **Rubcorp XTRM** – an aromatic binder that is unique and specific to Rubcorp Rubber Surfacing Systems.
    - Formulated for use in commercial installations, provides for the most durable rubber surfacing system available while allowing for the attributes of the system to remain.

Rubcorp Proprietary Processes and Products

Possessing more than 3 million square feet of experience in rubber surface installation experience, Rubcorp has developed a stable of specialized methods and techniques, as well as product innovations that provide their surfaces to stand apart in both endurance and experience. Some of the following items are the details that place Rubcorp Rubber Surfacing Systems in an entirely separate category of surfacing and are ONLY available through Rubcorp:

- **Rubcorp Academy** – training is a pillar that elevates the prevalence of the Rubcorp Rubber Surfacing System. As a hand-crafted system, it is skill more than procedure that has solidified the trust of the most influential luxury and recreational brands across the globe. The curriculum of this institution is based on the experience of the staff. The techniques are not only taught but are practiced by the installation teams from Rubcorp in the most exclusive resorts, venues, professional athletic institutions, federal and municipal facilities, and beyond. These techniques are exclusive to Rubcorp and are executed across North America and many regions beyond.

- **Rubcorp Primer** – a registered trademark and proprietary blend of diluted polyurethane binder; this element is centric to surface stability and integrity. This industry specific priming solution is not an adhering product but penetrates the porous substrate and provides for the surface to chemically cure, leading to a system that will enhance the structural stability of the substrate and elongate the life of the surface in its combined entirety.

- **Rubcorp Swipe Stick** – a simple tool developed from those who have most directly interacted with the installation of rubber surfacing systems. This trademarked item is exclusive to Rubcorp and its trained installation partners and is essential to the procedural step that solidifies the enduring reputation of the Rubcorp Rubber Surfacing System. "Closing" is the final iteration of the Rubcorp installation procedure that forms the completed surface that secures its systems. Compacting the granulated rubber within the system and to the primed substrate is a globally unique finish that has no competitor.

- **Resin-to-Rubber Ratio** – the combination of the environmentally indicated binder with the premium granulated EPDM rubber granule blend has been tested and tried across millions of square feet of installed surfacing to provide a recipe that is specified for its outlasting performance through intensely tested venues.

- **RC-11 Topcoat** – a revolution in the resurfacing industry, RC-11 is a 2-part clear coating that has never been used in conjunction with a rubber surfacing system. Through years of research and development, RC-11 has proven to be a revolutionary product that coats the system without reducing porosity while easing maintenance, adding durability, elongating endurance, and enhancing aesthetic; maintains the coefficient of friction beyond established indicators that place safety at the forefront of consideration.

- **Rubcorp Destinations** – a dedicated line of installation that focuses the attributes of the Rubcorp Rubber Surfacing System to the potential liability, maintenance challenges, desired tranquility, and luxury experience of the most pragmatic municipalities and exclusive private resorts throughout the U.S., Mid-Atlantic, Caribbean, Canadian, European, and Central American regions of the world.

Rubcorp Distribution LLC
801 Hammond Street
Suite 375
Coppell, Texas 75019

Rubcorp Rubber Surfacing System – Attributes

Defining the individual components of the Rubcorp Rubber Surfacing Systems in terms of specificity and premium quality leads to a combined system which provides an unparalleled number of attributes relative to all other surfacing options. The attributes of the Rubcorp Destinations surfacing system can be summarized as follows:

- **Anti-Microbial, Anti-Fungal, Anti-Parasitic**
  - Opportunistic organisms cannot exist or grow
- **Acoustic Absorbent**
  - Noise cancelling reverberation equivalent to recording studio
- **Thermal Conductivity**
  - Never reaches a temperature that cannot be engaged by bare skin
- **Anti-Slip**
  - Coated with RC-11 or uncoated, far exceeds risk management requirement for slip/falls and liability
- **Impact Absorbent**
  - In the rare case of falls, result in a "bruise-not-break" impact
- **Maintainability and Safety**
  - Following maintenance and stain-removal procedures leads to a long-lasting surface that will eliminate budgeting for regular reapplication, and lead to an extremely cost-effective option that reduces budgetary dedication and creates surplus funding relative to liability, safety, and maintenance.

Rubcorp Relevant Intellectual Property Assets

Serial Number	Registration Number	Trademark
90520222	6494756	RC-11
88810206O	6323750	Rubcorp Destinations
88884280	6147596	Rubcorp Swipe Stick
88797924	6151674	Rubcorp Academy
88187851	6048690	Rubcorp

Rubcorp Rubber Surfacing System – Summary

The collective installation experience of Rubcorp Distribution LLC has led to an accumulation of proprietary and exclusive techniques, procedures, assessments, and products that have no comparison within the rubber surfacing industry. These elements combined with the attributes of the Rubcorp Rubber Surfacing Systems lead to the conformed conclusion that there is no alternative combination of surfacing system and installation practices that can be compared in a relative sense.

The performance and durability of the Rubcorp system provides the very best in liability protection and post-installation support, reduced maintenance, and customer satisfaction!

Jonathan M. Wilson, MBA
Rubcorp Distribution LLC
Executive Vice President

Sole Source RubCorp Aquatic Center Pool Deck

Final Audit Report 2021-11-24

Created:	2021-11-24
By:	Purchasing Buckeye (purchasing@buckeyeaz.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAdFPyrRxbiRCwIHdzIgklhbEYDfetYVt4

"Sole Source RubCorp Aquatic Center Pool Deck" History

Document created by Purchasing Buckeye (purchasing@buckeyeaz.gov)
2021-11-24 - 5:28:10 PM GMT- IP address: 174.78.95.30

Document emailed to Scott W. Lowe (slowe@buckeyeaz.gov) for signature
2021-11-24 - 5:38:14 PM GMT

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Restricted visibility Document e-signed by Scott W. Lowe (slowe@buckeyeaz.gov)
Signature Date: 2021-11-24 - 5:40:37 PM GMT - Time Source: server- IP address: 174.78.95.30

Document emailed to CA Williams (cwilliams@buckeyeaz.gov) for signature
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2021-11-24 - 5:47:17 PM GMT- IP address: 104.47.64.254

Restricted visibility Document e-signed by CA Williams (cwilliams@buckeyeaz.gov)
Signature Date: 2021-11-24 - 5:48:52 PM GMT - Time Source: server- IP address: 174.78.95.30

Agreement completed.
2021-11-24 - 5:48:52 PM GMT

Quotation / Order

Rubcorp™

Safety Rubber Surfacing

Rubcorp Distribution LLC
801 Hammond St. STE 375
Coppell TX, 75019
Office 972.462.7259
Brian Field 214.803.0116
Mike Girelach 480.607.9911

Date :	8/25/2021

Billing Address	
Name :	City of Buckeye, AZ
Address:	207 N 9th St, Buckeye, AZ 85326
Phone :	Main: (623) 349-6390
Email:	stijerina@buckeyeaz.gov

Project Address	
Name :	Buckeye Aquatics Center
Address:	207 N 9th St, Buckeye, AZ 85326
Phone :	Scott Tijerina: 623-764-4859
Email:	stijerina@buckeyeaz.gov

Project Description		**Price**
Supply and install Rubcorp Destinations Line Premium rubber surfacing for Buckeye Aquatics Center Pooldeck. Rubber surfacing to be applied over existing concrete surface. Rubcorp UV Chemical Resistant as well as REG and XTRM resin as per plan Color: Custom as per plan Prep to include keyjoint grinding, crack repair, pool edge mastic removal and repack, Adequate existing Surface removal Design options include Buckeye logo and standard design work around pool Details to follow Volume Discount	20650sf	$237,475.00 -$10,325.00
	Grand Total	**$227,150.00**
Blend Color : Custom Blend as per plan	Deposit	$75,716.66
Resin Binder : RubCorp UV CR, REG and XTRM	Interim Pymnt	$75,716.66
	Final Balance	$75,716.66

Estimated Install Date	11/1/2021
Warranty Term (years)	5 Years
Payment Terms	Deposit, 33% $75,716.66, 33% due at start of job $75,716.66, Remainder due on Completion

Options :	

Additional Comments :	

Client Signature _____ **Date** _____

Rubcorp AZ Surfacing Representative _____ **Date** _____

This quote include labor,material cost,shipping and applicable taxes

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.K. City of Buckeye Municipal Airport Master Plan Proposal
DATE PREPARED: 12/16/21	**DISTRICT NO.:** all
STAFF LIAISON: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623) 349-6225	
DEPARTMENT: Construction and Contracting	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Task Order No. 1 (Contract 2017-013-001) between the City of Buckeye, an Arizona municipal corporation, and Dibble Engineering, an Arizona corporation, to provide planning services for the update to the Master Plan at Buckeye Municipal Airport; and authorizing the Mayor to execute and deliver said Task Order on behalf of the City.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

ADDITIONAL RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
The Construction and Contracting division is recommending Dibble Engineering to provide Planning services through Task Order No. 1 (Contract 2017-013-001) for the update to the Master Plan at the Buckeye Municipal Airport with an expenditure not to exceed $446,185.00. The Master Plan will address the Airport's operational, maintenance and improvement considerations, development priorities, natural environment and land use compatibility and factors related to proper financial management to meet operational and capital improvement fiscal goals. To accomplish this effort, the Master Plan will follow FAA guidance and address short, medium and long-term plans for airport development to include Public involvement, Inventory of existing conditions, Aviation activity forecasts, Facility requirements with Capacity analysis, Preparation of long-range Capital improvement, Airport layout plans and Executive summary brochure.

BENEFITS:
The Master Plan Study will be a long-term, comprehensive development plan that meets the Airport's unique goals, objectives and complies with all relevant Federal Aviation Administration (FAA) requirements. The Study will seek to address the Airport's operational, maintenance and improvement considerations, development priorities, natural environment and land use compatibility and factors related to proper financial management to meet operational and capital improvement fiscal goals.

FUTURE ACTION:
Once approved, the Construction and Contracting Division will issue a Notice to Proceed (NTP) and Purchase order to obligate funds. The Consultant will conduct an in-person project kickoff meeting with the City. The meeting is intended to ensure all project team members clearly understand the goals for

the project, scope of services, project schedule, Outreach and Communication with internal and external stakeholders, as well as the public, to provide knowledge and support for the resulting study.

FINANCIAL IMPACT STATEMENT:
Task Order No. 1 (Contract 2017-013-001) will be paid through the current fiscal year's budget by Fund/Department. The expenditure is not to exceed $446,185.00 for FY 2021-2022.

CURRENT FISCAL YEAR TOTAL COST:
$446,185.00

BUDGETED:
Yes

FISCAL YEAR:
2022

FUND/DEPARTMENT:
40113201-520037

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
2017 013 001 FE Airport Planning.pdf
CO 3 FE 2017.013.001 Extension Dibble.pdf
Dibble Engineering Inc. Contract No. 2017-013-001.pdf

CITY OF BUCKEYE
ON-CALL CONSULTING FOR
AIRPORT PLANNING SERVICES

CONTRACT #: 2017-013-001

THIS CONTRACT, ("Contract") is entered into by and between the CITY OF BUCKEYE, an Arizona municipal corporation, hereafter called (the "CITY") and Dibble Engineering an Arizona corporation hereafter called "CONSULTANT".

RECITALS

The CITY OF BUCKEYE, Arizona, is authorized and empowered by the City Code to execute contracts

NOW, THEREFORE, in consideration of the premises and the mutual promises herein contained, The City and Consultant agree as follows:

This Contract shall be in full force and effect only when it has been approved as required by the City Code and executed by the duly authorized City officials.

1.0 SCOPE OF SERVICES

The City desires to obtain Professional On-Call Airport Planning Services for Airport Improvement projects. In accordance with the contract documents, a specific scope of services and fee proposal shall be negotiated for each project and be executed by individual Task Orders. Services provided by the Consultant under this agreement shall be performed in a manner consistent with that degree of care and skills ordinarily exercised by members of the same profession currently practicing under similar conditions.

The Consultant shall perform all services within the cost and time frames defined in executed Task Orders, and comply in all respect, as described herein for the consideration stipulated, and in compliance with applicable Federal, State and City Codes. Services at the City's request may include, in general, but are not limited to the following:

On-Call Airport Planning Services:

- Proficiency in On-Call Engineering- Airport Planning Services
- Preparation of Airport Master Plans
- Airport layout plans and drawings
- Knowledge of all applicable Federal Aviation Administration and Arizona Department of Transportation guidelines for airport and related grant administration
- Aircraft noise studies
- Airport Facilities Planning

- Land use Compatibility Planning
- Cost/Benefit Studies for Airport Improvement Grants
- General planning and estimating services
- Prepare planning and environmental documentation to Federal Aviation Administration (FAA)
- Work in accordance with Federal Aviation Administration (FAA) and Arizona Department of Transportation (ADOT) standards.
- Meet all Federal, State, City, FAA advisory Circulars, National Environmental Policy Act (NEPA) and Arizona Environmental statues.
- Preliminary Environmental review/analysis for proposed developments
- Preliminary Wildlife Hazard Mitigation plans
- Quantitative Air Analysis study
- Biological or cultural resource surveys
- Preparation of Documented Categorical Exclusion (Catex)

A detailed scope of services will be prepared for each individual project by the Consultant and submitted to the City. Requests for services will be issued in the form of a written Task Order ("Task Order") document initiated by the Manager, Construction and Contracting. The Task Order will include a description of the project, detailed scope of services, project schedule, and the approved fee. The Consultant should receive prior approval from the Manager, Construction and Contracting prior to commencement of services on project assignments released under this Contract.

2.0 FEES AND PAYMENTS

2.1 REGISTRATION REQUIREMENT IN VENDOR SELF SERVICE (VSS)

In order to do business with the City, register at https://selfservice.buckeyeaz.gov/MSS Please be aware vendors that do not register and verify their information, including uploading a W-9 form to their profile, may experience delays in processing of invoices and will not be able to do business with the City.

2.2 FEE SCHEDULE

Consultant shall be paid according to the schedule set forth in Exhibit A. Each "Task Order" over One Hundred Thousand Dollars ($100,000.00) shall be subject to City Council Approval.

2.3 PAYMENT APPROVAL

The time spent for each task shall be recorded and submitted to the Contract Administrator. Consultant shall maintain all books, papers, documents, accounting records and other evidence pertaining to time billed and to costs incurred and make such materials available at all reasonable times during the contract period.

Monthly payments shall be made to the Consultant on the basis of a progress report prepared and

submitted by the Consultant for work completed through the last day of the preceding calendar month. Each task shall be subject to review and approval by the Contract Administrator to determine acceptable percentage of completion.

The Contract Administrator reserves the exclusive right to determine the amount of work performed and payment due the Consultant on a monthly basis.

All charges must be approved by the Contract Administrator prior to payment.

3.0 GENERAL TERMS AND CONDITIONS

3.1 CONTRACT ADMINISTRATOR

The Contract Administrator for the City shall be the Purchasing Agent, in the Construction and Contracting Division or designee. The Contract Administrator shall oversee the performance of this Contract; assist the Consultant in contacting members associated with the project, audit billings, and approve payments.

The Consultant shall submit all reports and special requests through the Contract Administrator.

3.2 TERM OF CONTRACT

The Contract initial term is established for a term commencing on the date of execution and ending the same date in 2019, with automatic renewals, unless otherwise terminated by either party, for four (4) additional one-year terms. Consultant shall provide services under the contract for specific project assignments with a Task Order issued no later than the final day of the effective Contract terms.

3.3 TERMINATION OF CONTRACT

The City has the right to terminate this Contract or abandon any portion of a Task Order, which has not been performed by the Consultant.

Termination for Convenience: City and Consultant reserve the right to terminate this contract or any part hereof for its sole convenience with thirty (30) days written notice. In the event of such termination, Consultant shall immediately stop all work hereunder, and shall immediately cause any of its suppliers and SubConsultants to cease such work. As compensation in full for services performed to the date of such termination, the Consultant shall receive a fee for the percentage of services actually completed. This fee shall be in the amount to be mutually agreed upon by the Consultant and the City, based on the agreed Scope of Work and the value to the City of the services completed. If there is no mutual agreement, the Contract Administrator shall determine the percentage of completion of each task detailed in the Scope of Work and the Consultant's compensation shall be based upon such determination. The City shall make this final payment within sixty (60) days after the Consultant has delivered the last of the partially completed items. Consultant shall not be paid for any work done after

receipt of the notice of termination, or for any costs incurred by Consultant's suppliers or SubConsultants, which Consultant could reasonably have avoided.

Termination for Cause: City may also terminate this contract or any part hereof with seven (7) days written notice for cause in the event of any default by the Consultant, or if the Consultant fails to comply with any of the material terms and conditions of this contract. By way of example and not limitation, unsatisfactory performance as judged by the Contract Administrator and failure to provide City, upon written request, with adequate assurances of future performance shall all be causes allowing City to terminate this contract for cause. In the event of termination for cause, CITY shall not be liable to Consultant for any amount after the issuance of written notice, and Consultant shall be liable to City for any and all damages sustained by reason of the default that gave rise to the termination.

In the event Consultant is in violation of any Federal, State, County or City law, regulation or ordinance, the City may terminate this contract immediately upon giving written notice to the Consultant.

In the event the City shall terminate this Contract or any part of the services as herein provided, the City shall notify the Consultant in writing, and immediately upon receiving such written notice, the Consultant shall discontinue advancing the work under this Contract and/or awarded Task Order.

Upon such termination or abandonment, the Consultant shall deliver to the City all drawings, special provisions, field survey notes, reports, and estimates, entirely or partially completed, in any format, including but not limited to written or electronic media, together with all unused materials supplied by the City.

The Consultant shall appraise the work it has completed and submit its appraisal to the City for evaluation.

If through any cause, the Consultant shall fail to fulfill in a timely and proper manner its obligations under this Contract, or if the Consultant shall violate any of the covenants, agreements, or stipulations of this Contract, the City may withhold any payments to the Consultant for the purpose of setoff until such time as the exact amount of damages due the City from the Consultant is determined.

3.4 FUNDS APPROPRIATION

If the City Council does not appropriate funds to continue this Contract and pay for charges hereunder, the City may terminate this Contract at the end of the current fiscal period, or at the time that funds are no longer available to meet the City's payment obligations hereunder. The City agrees to give written notice of termination to the Consultant at least thirty (30) days prior to any termination for a lack of funds and will pay to the Consultant all approved charges incurred prior to Consultant's receipt of such notice, subject to the availability of funds therefore.

3.5 AUDIT

The City may audit all of the Consultant's records, calculations, and working documents pertaining to this work at a mutually agreeable time and place.

Consultant's records (hard copy, as well as computer readable data), and any other supporting evidence deemed necessary by the City to substantiate charges and claims related to this contract shall be open to inspection and subject to audit and/or reproduction by City's authorized representative to the extent necessary to permit evaluation and verification of cost of the work, and any invoices, change orders, payments or claims submitted by the Consultant or any of his payees pursuant to the execution of the contract. The City's authorized representative shall be afforded access, at reasonable times and places, to all of the Consultant's Records and personnel pursuant to the provisions of this article throughout the term of this contract and for a period of three years after last or final payment.

Consultant shall require all SubConsultants, to comply with the provisions of this article by insertion of the requirements hereof in a written contract agreement between Consultant and payee. Such requirements will also apply to any and all SubConsultants.

If an audit in accordance with this article, discloses overcharges, of any nature, by the Consultant to the City in excess of five percent (5%) of the total contract billings, the actual cost of the City's audit shall be reimbursed to the City by the Consultant.

Any adjustments and/or payments, which must be made as a result of any, such audit or inspection of the Consultant's invoices and/or records, shall be made within a reasonable amount of time (not to exceed 60 days) from presentation of CITY's findings to Consultant.

3.6 OWNERSHIP OF PROJECT DOCUMENTS

All documents, including but not limited to, field notes, design notes, tracings, data compilations, studies, and reports in any format, including but not limited to, written or electronic media, which are prepared in the performance of this Contract will become and are the property of City.

3.7 COMPLETENESS AND ACCURACY

The Consultant shall be responsible for the accuracy of its work, including but not limited to, survey work, reports, supporting data, and drawings, sketches, etc. prepared or compiled pursuant to this Contract and shall correct, at its expense, all negligent errors or omissions therein which may be disclosed. The cost necessary to correct those errors attributable to the engineering errors shall be chargeable to the Consultant. Additional Scope(s) of work which may be added to the Task Order shall not be considered the responsibility of the Consultant unless the need for same was created solely by any negligent error, omission, or negligent act of the Consultant and does not result in betterment to the City. The fact that the City has accepted or approved the Consultant's work shall in no way relieve the Consultant of any of its responsibilities.

3.8 ATTORNEY'S FEES

In the event either party brings any action for any relief, declaratory or otherwise, arising out of this Contract, or on account of any breach or default hereof, the prevailing shall be entitled to receive from the other party reasonable attorneys' fees and reasonable costs and expenses, which shall be deemed to have accrued from the commencement of such action.

3.9 SUCCESSORS AND ASSIGNS

This Contract shall extend to and be binding upon the Consultant, its successors and assigns, including any individual, company, partnership, or other entity with or into which the Consultant shall merge, consolidate, or be liquidated, or any person, corporation, partnership, or other entity to which the Consultant shall sell its assets.

3.10 ASSIGNMENT

Services covered by this Contract shall not be assigned or subcontracted in whole or in part without the prior written consent of the Contract Administrator.

3.11 SUBCONSULTANTS

During the performance of the Contract, the Consultant may engage such additional SubConsultants as may be required for the timely completion of this Contract. The addition of any SubConsultants shall be subject to the prior approval of the City.

In the event of subcontracting, the sole responsibility for fulfillment of all terms and conditions of this Contract rests with the Consultant.

3.12 ALTERATIONS OR ADDITIONS TO SCOPE OF SERVICES

The total scope of Services to be performed in accordance with this Contract will be identified in each Task Order. Services, which are not included in this Contract, will be considered Additional Services. The Consultant shall not perform these Additional Services without written authorization in the form of an approved Change Order from the City.

3.13 MODIFICATIONS

Any amendment, modification or variation from the terms of this Contract shall be in writing and shall be effective only after approval of all parties signing the original Contract.

3.14 CONFLICT OF INTEREST

This Contract is subject to cancellation pursuant to the provisions of A.R.S. 38-511.

3.15 FORCE MAJEURE

Neither party shall be responsible for delays or failures in performance resulting from acts beyond their control. Such acts shall include, but not be limited to, acts of God, riots, acts of war, epidemics, governmental regulations imposed after the fact, fire, communication line failures, power failures, or earthquakes.

3.16 TAXES

The fee listed in this Contract includes any and all taxes applicable to the activities hereunder. The City shall have no obligation to pay additional amounts for taxes of any type.

3.17 ADVERTISING

No advertising or publicity concerning the City using the Consultant's services shall be undertaken without prior written approval of such advertising or public City by the Contract Administrator.

3.18 COUNTERPARTS

This Contract may be executed in one or more counterparts, and each executed duplicate counterpart of this Contract shall be deemed to possess the full force and effect of the original.

3.19 ENTIRE AGREEMENT

This Contract constitutes the entire understanding of the parties and no representations or agreements, oral or written, made prior to its execution shall vary or modify the terms herein.

3.20 ARIZONA LAW

This Contract shall be governed and interpreted according to the laws of the State of Arizona.

3.21 EQUAL EMPLOYMENT OPPORTUNITY

The Consultant shall comply with Executive Order No. 11245, entitled "Equal Employment Opportunity", as amended by Executive Order No. 11375, and as supplemented in Department of Labor Regulations (41 CFR Part 60).

3.22 NOTICES

All notices or demands required to be given, pursuant to the terms of this Contract, shall be given to the other party in writing, delivered by hand or registered or certified mail, at the addresses set forth below, or to such other address as the parties may substitute by written notice given in the manner prescribed in this paragraph.

On behalf of the Consultant:

Name: Dibble Engineering
Address: 7878 N. 16th Street, Suite 300
Address: Phoenix, Arizona 85020
Primary Contact: Charles McDermott
Email: Charlie.Mcdermott@dibblecorp.com
Phone: 602 957-1155

On behalf of the CITY:

Tammy Vogel, Contract Administrator
530 East Monroe Ave.
Buckeye, AZ 85326
P: (623) 349-6175
Tvogel@buckeyeaz.gov

With a copy to:

Gust Rosenfeld, P.L.C.
One E. Washington, Suite 1600
Phoenix, AZ 85004-2553
Attention: Attorney for City of Buckeye
P: (602) 257-7432
F :(602) 254-4878

Notices shall be deemed received on date delivered if delivered by hand and on the delivery date indicated on receipt if delivered by certified or registered mail.

3.23 INDEPENDENT CONSULTANT

The services Consultant provides under the terms of this Contract to the City are that of an Independent Consultant, not an employee, or agent of the City. The City will report the value paid for these services each year to the Internal Revenue Service (I.R.S.) using Form 1099.

City shall not withhold income tax as a deduction from contractual payments. As a result of this, Consultant may be subject to I.R.S. provisions for payment of estimated income tax. Consultant is responsible for consulting the local I.R.S. office for current information on estimated tax requirements.

3.24 INDEMNIFICATION

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City and each council member, officer, employee or agent thereof (the City and any such person being herein

called an "Indemnified Party"), for, from and against any and all losses, claims, damages, liabilities, costs and expenses (including, but not limited to, reasonable attorneys' fees, court costs and the costs of appellate proceedings) to which any such Indemnified Party may become subject, under any theory of liability whatsoever ("Claims"), insofar as such Claims (or actions in respect thereof) are caused by the negligent acts, intentional misconduct, errors, mistakes or omissions, in connection with the work or services of the Consultant, its officers, employees, agents, or any tier of SubConsultant in the performance of this Contract. The amount and type of insurance coverage requirements set forth below will in no way be construed as limiting the scope of the indemnity in this Section.

3.25 E-VERIFY REQUIREMENTS

To the extent applicable under Arizona Revised Statues § 41-4401, the Consultant and its Subconsultants warrant compliance with all federal immigration laws and regulations that relate to their employees and their compliance with the E-verify requirements under ARIZ. Revised Statues. § 23-214(A). The Consultant or Subconsultant's breach of the above-mentioned warranty shall be deemed a material breach of the Contract and may result in the termination of the Contract by the City of Buckeye. The City of Buckeye retains the legal right to randomly inspect the papers and records of the Consultant or Subconsultant employee who work on the Contract to ensure that the Consultant and its Subconsultants are complying with the above-mentioned warranty.

The Consultant and its SubConsultants warrant keeping the papers and records open for random inspection during normal business hours by the City. The Consultant and its SubConsultants shall cooperate with City's random inspections including granting the City's entry rights onto its property to perform the random inspections and waiving their respective rights to keep such papers and records confidential.

3.26 SCRUTINIZED BUSINESS OPERATIONS

Pursuant to Arizona Revised Statues §§ 35-391.06 and 35-393.06, the Consultant certifies that it does not have a scrutinized business operation in Sudan or Iran. For the purpose of this Section the term "scrutinized business operations" shall have the meanings set forth in ARIZ. Revised Statues § 35-391 or and 35-393, as applicable. If the City determines that the Consultant submitted a false Certification, the City may impose remedies as provided by law including terminating this Contract.

3.27 COMPLIANCE WITH LAWS

In performing any work required hereunder, Consultant shall comply with all applicable laws, ordinances, and codes of Federal, State and local governments, in effect during this Contract.

3.28 COOPERATIVE PURCHASING

Specific eligible political subdivisions and nonprofit educational or public health institutions ("Eligible Procurement Unit(s) ") are permitted to utilize procurement agreements developed by the City, at their discretion and with the agreement of the awarded Consultant. Consultant may, at its sole discretion, accept orders from Eligible Procurement Unit(s) for the purchase of the Materials and/or Services at the prices and under the terms and conditions of this Agreement, in such quantities and configurations as may be agreed upon between the parties. All Cooperative procurements under this Agreement shall be transacted solely between the requesting of the Eligible Procurement Unit. The exercise of any rights, responsibilities or remedies by Eligible Procurement Unit shall be the exclusive obligation of such unit. The City assumes no responsibility for payment, performance or any liability or obligation associated with any cooperative procurement under this Agreement. The City shall not be responsible for any disputes arising out of transactions made by others.

4.0 INSURANCE

A Standard Accord Certificate of Insurance is acceptable provided it is contains the additional language and deleted language as required in this contract. Failure to provide a Certificate of Insurance with the appropriate verbiage as required by this contract will result in rejection of the Certificate and delay contract execution.

Additionally, Certificates of Insurance submitted without referencing a Contract number will be subject to rejection and returned or discarded.

4.1 Insurance Representations and Requirements

4.1.1 General: Consultant agrees to comply with all City ordinances and state and federal laws and regulations.

Without limiting any obligations or liabilities of Consultant, Consultant shall purchase and maintain, at its own expense, hereinafter stipulated minimum insurance with insurance companies duly licensed by the State of Arizona (admitted insurer) with an AM Best, Inc. rating of A or above or an equivalent qualified unlicensed insurer by the State of Arizona (non-admitted insurer) with policies and forms satisfactory to City of Buckeye. Failure to maintain insurance as specified may result in termination of this Contract at City of Buckeye's option.

No Representation of Coverage Adequacy: By requiring insurance herein, City of Buckeye does not represent that coverage and limits will be adequate to protect Consultant. City of Buckeye reserves the right to review any and all of the insurance policies and/or endorsements cited in this Contract but have no obligation to do so. Failure to demand such evidence of full compliance with the insurance requirements set forth in this agreement or failure to identify any insurance deficiency shall not relieve Consultant from, nor be construed or deemed a waiver of, its obligation to maintain the required insurance at all times during the performance of this Contract.

4.1.3 Additional Insured: All insurance coverage and self-insured retention or deductible portions, except Workers Compensation insurance and Professional Liability insurance if applicable, shall name, to the fullest extent permitted by law for claims arising out of the performance of this contract, City of Buckeye, its agents, representatives, officers, directors, officials and employees as Additional Insured as specified under the respective coverage sections of this agreement.

4.1.4 Coverage Term: All insurance required herein shall be maintained in full force and effect until all work or services required to be performed under the terms of subject contract is satisfactorily performed, completed and formally accepted by the City of Buckeye, unless specified otherwise in this Contract.

4.1.5 Primary Insurance: Consultant's insurance shall be primary insurance as respects performance of subject contract and in the protection of City of Buckeye as an Additional Insured.

4.1.6 Claims Made: In the event any insurance policies required by this Contract are written on a "claims made" basis, coverage shall extend, either by keeping coverage in force or purchasing an extended reporting option, for three (3) years past completion and acceptance of the work or services evidenced by submission of annual Certificates of Insurance citing applicable coverage is in force and contains the provisions as required herein for the three year period.

4.1.7 Waiver: All policies, except Professional Liability insurance, shall contain a waiver of rights of recovery (subrogation) against City of Buckeye, its agents, representatives, officials, directors, officers, and employees for any claims arising out of the work or services of Consultant. Consultant shall arrange to have such subrogation waivers incorporated into each policy via formal written endorsement thereto.

4.1.8 Policy Deductibles and or Self Insured Retentions: The policies set forth in these requirements may provide coverage, which contain deductibles or self-insured retention amounts. Such deductibles or self-insured retention shall not be applicable with respect to the policy limits provided to City of Buckeye. Consultant shall be solely responsible for any such deductible or self-insured retention amount. CITY OF BUCKEYE, at its option and cost, may require Consultant to secure payment of such deductible or self-insured retention by a surety bond or irrevocable and unconditional Letter of Credit.

4.1.9 Use of SubConsultants: If any work under this agreement is subcontracted in any way, Consultant shall execute written agreement with SubConsultant containing the same Indemnification Clause and Insurance Requirements set forth herein protecting City of Buckeye and Consultant. Consultant shall be responsible for executing the agreement with SubConsultant and obtaining Certificates of Insurance verifying the insurance requirements.

4.1.10 Evidence of Insurance: Prior to commencing any work or services under this Contract, Consultant shall furnish City of Buckeye with Certificate(s) of Insurance, or formal endorsements as required by this Contract, issued by Consultant's insurer(s) as evidence that policies are placed with acceptable Insurers as specified herein and provide the required coverage(s), conditions, and

limits of coverage specified in this Contract and that such coverage and provisions are in full force and effect. If a Certificate of Insurance is submitted as verification of coverage, City of Buckeye shall reasonably rely upon the Certificate of Insurance as evidence of coverage but such acceptance and reliance shall not waive or alter in any way the insurance requirements or obligations of this agreement. Such certificates shall identify the Contract work number and be sent to the designated City of Buckeye- Contract Administrator. If any of the above cited policies expire during the life of this Contract, it shall be Consultant's responsibility to forward renewal Certificates within ten (10) days after the renewal date containing all the aforementioned insurance provisions. Certificates shall specifically cite the following provisions:

1. City of Buckeye, its agents, representatives, officers, directors, officials and employees is an Additional Insured as follows:

A) Commercial General Liability - Under ISO Form CG 20 10 11 85 or equivalent.
b) Auto Liability- under ISO Form CA 20 48 or equivalent.
c) Excess Liability- Follow Form to underlying insurance.

2. Consultant's insurance shall be primary insurance as respects performance of subject contract.

3. All policies, except Professional Liability, waive rights of recovery (subrogation) against City of Buckeye, its agents, representatives, officers, directors, officials and employees for any claims arising out of work or services performed by Consultant under this contract.

4. Certificate shall cite a 30 day advance notice cancellation provision. If ACORD Certificate of Insurance form used, the phrases in the cancellation provision "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" shall be deleted. Certificate forms other than ACORD form shall have similar restrictive language deleted.

4.2 Required Coverage

4.2.1 Commercial General Liability: Consultant shall maintain "occurrence" form Commercial General Liability insurance with an unimpaired limit of not less than $1,000,000 for each occurrence, $2,000,000 Products and Completed Operations Annual Aggregate, and a $2,000,000 General Aggregate Limit.

The policy shall cover liability arising from premises, operations, and independent Consultants, products-completed operations, personal injury and advertising injury. Coverage under the policy will be at least as broad as Insurance Services Office, Inc. policy form CG 00 010 93 or equivalent thereof, including but not limited to, separation of insureds clause. To the fullest extent allowed by law, for claims arising out of the performance of this contract, the City of Buckeye, its agents, representatives, officers, directors, officials and employees shall be cited as an Additional Insured under Insurance Service Offices, Inc. Commercial General Liability Additional Insured Endorsement form CG 20 10 11 85,

or equivalent, which shall read "Who is an Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" for that insured by or for you." If any Excess insurance is utilized to fulfill the requirements of this paragraph, such Excess insurance shall be "follow form" equal or broader in coverage scope then underlying insurance.

4.2.2 Professional Liability: If the Contract is the subject of any professional services or work, or if Consultant engages in any professional services or work adjunct or residual to performing the work under this Contract, Consultant shall maintain Professional Liability insurance covering errors and omissions arising out of the work or services performed by Consultant, or anyone employed by Consultant, or anyone for whose acts, mistakes, errors and omissions Consultant is legally liable, with liability insurance limit of $1,000,000 each claim and $2,000,000 all claims. In the event the Professional Liability insurance policy is written on a "claims made" basis, coverage shall extend for three (3) years past completion and acceptance of the work or services, and Consultant shall be required to submit Certificates of Insurance evidencing proper coverage is in effect as required above.

4.2.3 Vehicle Liability: Consultant shall maintain Business Automobile Liability insurance with a limit of $1,000,000 each occurrence on Consultant's owned, hired, and non-owned vehicles assigned to or used in the performance of the Consultant's work or services under this Contract. Coverage will be at least as broad as Insurance Services Office, Inc. coverage code "1" "any auto" policy form CA 00 01 12 93 or equivalent thereof. To the fullest extent allowed by law, for claims arising out of the performance of this contract, the City of Buckeye, its agents, representatives, officers, directors, officials and employees shall be cited as an Additional Insured under Insurance Service Offices, Inc. Business Auto policy Designated Insured Endorsement form CA 20 48 or equivalent. If any Excess insurance is utilized to fulfill the requirements of this paragraph, such Excess insurance shall be "follow form" equal or broader in coverage scope then underlying insurance.

4.2.4 Worker's Compensation Insurance: Consultant shall maintain Workers Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Consultant's employees engaged in the performance of work or services under this Contract and shall also maintain Employers Liability Insurance of not less than $500,000 for each accident, $500,000 disease for each employee and $1,000,000 disease policy limit.

Umbrella/Excess Liability: Umbrella/Excess Liability insurance with a limit of not less than $2,000,000 per occurrence combined limit Bodily Injury and Property

Damage, that "follows form" and applies in excess of the Commercial General Liability, Automobile Liability, and Employer's Liability, as required above.

5.0 SOFTWARE LICENSES

As to all software licenses provided to the City as part of Consultant's obligations under this Contract, the following provisions apply:

5.1 SOURCE CODE AVAILABILITY

Consultant shall furnish City, without charge, a single copy of the Source Code for the Software immediately upon the occurrence of any of the following:

1. Consultant becomes insolvent; or

2. Consultant ceases to conduct business; or

3. Consultant makes a general assignment for the benefit of creditors; or

4. A petition is filed in Bankruptcy by or against Consultant.

5.1.1 Use of the Source Code shall be subject to the same restrictions as to which the Software itself is subject.

5.1.2 City shall have the right to modify Source Code in any manner it deems appropriate, provided that the Source Code as modified shall remain subject to the restrictions set forth in immediately above.

5.2 PROPRIETARY PROTECTION

5.2.1 City acknowledges that to the extent Consultant advises the City that the Software is confidential information or is a trade secret property of the Consultant, the Software is thereby disclosed on a confidential basis under this Contract and is to be used only pursuant to the terms and conditions set forth herein.

5.2.2 Consultant shall not use or disclose any knowledge, data or proprietary information relating to CITY obtained in any manner whatsoever.

5.2.3 To the extent permitted by Arizona Law, the parties agree, both during the term of this Contract and for a period of seven (7) years after termination of this Contract and of all licenses granted hereunder, to hold each other's confidential information in confidence. The parties agree, unless required by government regulations or order of court, not to make each other's confidential information available in any form to any third party or to use each other's confidential information for any purposes other than the implementation of this Contract provided, however, that if Consultant's confidential information is requested to be divulged under the provisions of the Arizona Public Records Act, A.R.S., Title 39, Consultant shall reimburse to City the full cost of City's refusal to release the information, including costs of litigation, City's attorney fees, fines, penalties or assessments of opposing party's attorney fees. Each party agrees to take all reasonable steps to ensure that confidential information is not disclosed or distributed by its employees or agents in violation of the provisions of this Contract.

5.3 NON-INFRINGEMENT

Consultant warrants that the Software provided hereunder does not and will not infringe upon or violate any patent, copyright, trade secret or other proprietary or property right of any person or entity. In the event of a claim against City asserting or involving such an allegation, Consultant will defend, at Consultant's expense, and will indemnify City and hold City harmless against any loss, cost, expense (including attorney fees) or liability arising out of such claim, whether or not such claim is successful. In the event an injunction or order should be obtained against use of the Software by reason of the allegations, or if in Consultant's opinion the Software is likely to become the subject of such a claim of infringement, Consultant will, at its option and its expense: (I) procure for the City the right to continue using the Software; or (ii) replace or modify the same so that it becomes non-infringing (such modification or replacement shall be functionally equivalent to the original); or (iii) if neither (i) nor (ii) is practicable, repurchase the Software on a depreciated basis utilizing a straight line five (5) year period, commencing on the date of acceptance.

5.4 THIRD PARTY LICENSE

Consultant shall sublicense to City any and all third party Software required in the execution of this Contract. City reserves the right to accept or reject third party license terms. If the City rejects the terms of a third party license, it shall be Consultant's responsibility to negotiate acceptable terms or to supply Software from another source with terms acceptable to City. City's acceptance of the third party license terms shall not be unreasonably withheld.

6.0 SEVERABILITY AND AUTHORITY

6.1 SEVERABILITY

If any term or provision of this Contract shall be found to be illegal or unenforceable, then notwithstanding such illegality or unenforceability, this Contract shall remain in full force and effect and such term or provision shall be deemed to be deleted.

6.2 AUTHORITY

Each party hereby warrants and represents that it has full power and authority to enter into and perform this Contract, and that the person signing on behalf of each party has been properly authorized and empowered to enter this Contract. Each party further acknowledges that it has read, understands, and agrees to be bound by the terms and conditions of this Contract.

6.3 ISRAEL COMPLIANCE

Pursuant to Arizona Revised Statute § 35-393.01, Contractor certifies that it is not currently engaged in, and agrees for the duration of the Contract to not engage in, a boycott of Israel.

[Signature page follows]

Contract No: 2017-013-001

IN WITNESS WHEREOF, the City of Buckeye by its Mayor and City Clerk has hereunto subscribed their names this 20th day of March, 2018.

CITY OF BUCKEYE

Jackie A. Meck, Mayor

ATTEST:

Lucinda Aja, City Clerk

RECOMMENDED:

Christopher A. Williams, Manager
Construction and Procurement

APPROVED AS TO FORM:

City Attorney

CONSULTANT: Dibble Engineering

BY: _____

CONSULTANT SIGNATURE

ITS: Vice President

Contract No: 2017-013-001

IN WITNESS WHEREOF, the City of Buckeye by its Mayor and City Clerk has hereunto subscribed their names this 20th day of March, 2018.

CITY OF BUCKEYE

Jackie A. Meck, Mayor

ATTEST:

Lucinda Aja, City Clerk

RECOMMENDED:

Christopher A. Williams, Manager
Construction and Procurement

APPROVED AS TO FORM:

City Attorney

CONSULTANT: Dibble Engineering

BY: _____

CONSULTANT SIGNATURE

ITS: Vice President

EXHIBIT A :
RATE SCHEDULE AND CONSULTANT SUBMITTAL

Dibble
Engineering

January 31, 2018

City of Buckeye
Construction & Contracting Division
530 E. Monroe Avenue
Buckeye, AZ 85326

Attention: Ms. Tammy Vogel
Contract Administrator

RE: CITY OF BUCKEYE / BUCKEYE MUNICIPAL AIRPORT
RFQ #2017-013
On-Call for Airport Planning Services
Proposed Contract Rates for 2018-2019

We sincerely appreciate being selected as the consultant for the On-Call for Airport Planning Services contract for Buckeye Municipal Airport. Per your request, attached are Dibble's and our sub-consultants' proposed rate sheets and associated classifications/personnel. As a summary, our full team includes the following firms and roles:

Dibble Engineering.....Prime Consultant (Planning and Environmental)

Genesis Consulting Group (DBE).....Planning support services

SWCA Environmental.....Environmental services

Woolpert Inc. .....FAA Airport Survey (AGIS)

It is understood that these rates shall be in effect for one year from the date of contract execution (2018-2019). Therefore, with the City's concurrence, Dibble would like an opportunity to submit new rates for each one-year renewal period, provided we have the opportunity to be renewed for this contract.

We are very much looking forward to working with the City of Buckeye and Buckeye Municipal Airport. If you need additional information or have questions, please do not hesitate to call.

Sincerely,
Dibble Engineering

Ryan W. Toner, P.E.
Vice President / Airport Development Practice Leader

Charlie McDermott, LEED AP
Aviation Planning Manager

Dibble Engineering

Effective January 1, 2018

STANDARD BILLING RATES

Principal	$	279.00
Principal Engineer		219.00
Senior Project Manager		195.00
Project Manager		187.00
Senior Planner		195.00
Planner		159.00
Senior Engineer		175.00
QA/QC Manager		182.00
Project Engineer (PE)		160.00
Assistant Project Engineer (EIT)		130.00
Senior Technician		134.00
Technician		110.00
Senior Designer		135.00
Designer		116.00
Project Coordinator		108.00
Land Survey Manager (RLS)		174.00
Land Surveyor (RLS)		150.00
Assistant Land Surveyor (LSIT)		110.00
Survey Technician		96.00
Survey Crew (2-Man,GPS/Robotic)		185.00
Senior Construction Project Manager		170.00
Construction Project Manager / Resident Engineer		160.00
Construction Project Engineer		152.00
Senior Construction Inspector		135.00
Construction Inspector		127.00
Information Technology Manager		145.00
Network Administrator		98.00
Marketing/Business Development Manager		152.00
Marketing Coordinator		105.00
Senior Administrative Assistant		93.00
Administrative Assistant		79.00

Expenses

mileage, reproduction, etc. — Cost plus 15%

Overtime Rates

Client Authorized — Billing Rate x 1.5

2018 LABOR CATEGORIES AND BILLING RATES

Principals & Project Management Staff

Project Manager III	$89.00	Project Manager IX	$153.00
Project Manager IV	$99.00	Project Manager X	$171.00
Project Manager V	$109.00	Project Manager XI	$187.00
Project Manager VI	$119.00	Project Manager XII	$205.00
Project Manager VII	$131.00	Principal-in-Charge	$285-398
Project Manager VIII	$142.00		

Consulting Services

Cultural Resources	Air Quality
Environmental Resources	Graphics / Media Production
Paleontology	GIS / CADD Resources
Scientific Resources	Technical Writing / Editing
Planning Resources	Principal Investigator
Information Technology	

Specialist I	$67.00	Specialist IX	$153.00
Specialist II	$79.00	Specialist X	$171.00
Specialist III	$89.00	Specialist XI	$187.00
Specialist IV	$99.00	Specialist XII	$205.00
Specialist V	$109.00	Subject Matter Expert	$210-324
Specialist VI	$119.00		
Specialist VII	$131.00	Technician I	$47.00
Specialist VIII	$142.00	Technician II	$55.00

Administrative

Administrative I	$42.00	Administrative V	$89.00
Administrative II	$53.00	Administrative VI	$101.00
Administrative III	$66.00	Administrative VII	$113.00
Administrative IV	$77.00	Administrative VIII	$125.00

Direct expenses are subject to a 15% administrative markup and subcontractor expenses are subject to a 20% administrative markup. These rates do not apply to depositions or testimonies at administrative hearings and trials. Such activities fall under our Expert Witness rates, which vary by state.

A communication/data fee is invoiced at a rate of 3% of labor to cover such expenses (i.e.: cell phones, data plans, faxes, etc.).

Overtime is invoiced at 1.2 times standard rates.

Per Diem is billed at the GSA rate in place at the time of billing. Mileage is billed at the IRS mileage rate in place at the time of billing.

Buckeye Airport On-Call Personnel Categories and Rate Schedule

Genesis Consulting Group, LLC (Sub-consultant)

Rate Schedule (2018)				
Personnel Categories	Average Hourly Rate	Overhead Rate	Profit	Total Hourly Fee
		170%	**10%**	
Principal	$67.00	$113.90	$18.09	$198.99
Senior Planner	$65.00	$110.50	$17.55	$193.05
Planner	$40.00	$68.00	$10.80	$118.80
Sr. Graphic/Social Media Admin	$31.00	$52.70	$8.37	$92.07
Public Outreach Coordinator	$29.00	$49.30	$7.83	$86.13
Administrative Assistant	$25.00	$42.50	$6.75	$74.25

Loaded Hourly rates for City of Buckeye
2018
Woolpert Inc.

Labor Category	Rate
Group Manager	$190.00
Project Manager	$175.00
Project Surveyor	$130.00
Survey Technician	$105.00
Photogrammetrist	$135.00
Photogrametric Technician	$100.00
CADD Technician	$95.00
1-Man Crew	$110.00
2-Man Crew	$175.00
3-Man Crew	$245.00
Clerical	$65.00

Expenses	Rate
Airfare	
Equipment charges (Hourly Rate per employee)	$7.00
Vehicle charges (Day Rate)	$70.00
Lodging GSA	http://www.defensetravel.dod.mil/site/perdiemCalc.cfm
GSA Per diem Meals and Incidentals	http://www.defensetravel.dod.mil/site/perdiemCalc.cfm

Specialized Equipment	Rate
Laser Scanning System (per/hr)	$100.00
Mobile Laser Scanning System (per/day)	$2,000.00
Ground Penetrating Radar (GPR) (per/hr)	$50.00
Heavy-duty Air Vacuum Excavation (per/hr)	$100.00

CHANGE ORDER #3

CITY OF BUCKEYE
ON-CALL CONTRACT #2017-013-001
CONTRACT EXTENSION

THIS CONTRACT, made and entered into on the 20th day of March, 2018, by and between the City of Buckeye, an Arizona municipal corporation (the "City"), and Dibble Engineering Inc., an Arizona corporation, hereafter called (the "Consultant").

The following paragraphs of Contract 2017-013-001 shall be changed as follows:

3.2 TERM OF CONTRACT
In accordance with "Section 3," "General Terms and Conditions" of the Contract. The contract term is being extended for an additional year commencing on March 20, 2021 through March 19, 2022.

3.13 MODIFICATIONS
In accordance with "Section 3, Paragraph 3.13 "Modifications". The Consultant has updated the Price sheet for all positions and it is attached as Exhibit A. The 2021/2022 price sheet shall replace the original price sheet and become effective upon execution of Change Order 3.

All other terms and conditions of the original contract remain in full force and effect.

IN WITNESS WHEREOF, the City of Buckeye by its Manager of Construction and Contracting has hereunto subscribed his name.

CITY OF BUCKEYE:

CA Williams
_____
Christopher A. Williams
Manager, Construction and Contracting

CONTRACTOR:
Dibble Engineering

_____
Title: Vice President

EXHIBIT A

DIBBLE

STANDARD BILLING RATES

(Effective January 1, 2021)

Principal	$	294.00
Principal Engineer		232.00
Senior Project Manager		205.00
Project Manager		198.00
Senior Engineer		189.00
QA/QC Manager		192.00
Senior Planner		205.00
Planner		167.00
Project Engineer (PE)		169.00
Assistant Project Engineer (EIT)		137.00
Senior Technician		141.00
Technician		116.00
Senior Designer		142.00
Designer		123.00
Project Coordinator		114.00
Land Survey Manager (RLS)		183.00
Land Surveyor (RLS)		159.00
Assistant Land Surveyor (LSIT)		116.00
Survey Technician		101.00
Survey Crew		195.00
GIS Specialist		152.00
Senior Construction Project Manager		185.00
Construction Project Manager / Resident Engineer		172.00
Construction Project Engineer		165.00
Senior Construction Inspector		142.00
Construction Inspector		133.00
Information Technology Director		153.00
Network Administrator		104.00
Business Development Director		160.00
Marketing Director		160.00
Marketing Specialist		111.00
Senior Administrative Assistant		98.00
Administrative Assistant		84.00

Expenses

mileage, reproduction, etc.	Cost plus 15%

Overtime Rates

Client Authorized	Billing Rate x 1.5

CO 3 Dibble 2017 013 001

Final Audit Report 2021-02-17

Created:	2021-02-17
By:	Purchasing Buckeye (purchasing@buckeyeaz.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAP9imf-MTKR_aqhfNKrS7NuLR1Ggf25CW

"CO 3 Dibble 2017 013 001" History

Document created by Purchasing Buckeye (purchasing@buckeyeaz.gov)
2021-02-17 - 8:07:07 PM GMT- IP address: 174.78.95.30

Document emailed to Ryan Toner (ken.snyder@dibblecorp.com) for signature
2021-02-17 - 8:07:58 PM GMT

Email viewed by Ryan Toner (ken.snyder@dibblecorp.com)
2021-02-17 - 10:45:40 PM GMT- IP address: 72.216.190.184

Document e-signed by Ryan Toner (ken.snyder@dibblecorp.com)
Signature Date: 2021-02-17 - 10:57:28 PM GMT - Time Source: server- IP address: 72.223.110.95

Document emailed to CA Williams (cwilliams@buckeyeaz.gov) for signature
2021-02-17 - 10:57:30 PM GMT

Email viewed by CA Williams (cwilliams@buckeyeaz.gov)
2021-02-17 - 10:59:13 PM GMT- IP address: 104.47.65.254

Document e-signed by CA Williams (cwilliams@buckeyeaz.gov)
Signature Date: 2021-02-17 - 10:59:32 PM GMT - Time Source: server- IP address: 174.78.95.30

Agreement completed.
2021-02-17 - 10:59:32 PM GMT

CITY OF BUCKEYE
ON-CALL CONSULTING FOR
AIRPORT PLANNING SERVICES

DIBBLE ENGINEERING INC.
CONTRACT #2017-013-001

Task Order #1

In accordance with the On-Call Contract between the City of Buckeye (the "City") and Dibble Engineering, ("Consultant"), dated the 20th day of March, 2018, the Consultant will perform the following Scope of Services as detailed in Article 1, subject and pursuant to the terms and conditions of the On-Call Contract for Engineering and Architectural Services.

ARTICLE 1
SCOPE OF SERVICES

Consultant shall provide planning Services for the update to the Master Plan at the Buckeye Municipal Airport as further described in Exhibit A.

ARTICLE 2
SCHEDULE OF COMPLETION OF SERVICES

The Consultant shall commence work immediately upon execution of this Task Order and will complete the work identified in the Scope of Work by **June 08, 2023.** The Airport Master Plan Study will be a long-term, comprehensive development plan that meets the Airport's unique goals, objectives and complies will all relevant Federal Aviation Administration (FAA) requirements.

ARTICLE 3
FEE BREAKDOWN

Total cost to complete the projects under this Task Order as identified in Article 1 shall not exceed **Four Hundred Forty Six Thousand One Hundred Eighty Five Dollars and Zero Cent ($446,185.00).**

This Task Order No. 1 is subject to the terms and requirements of the Consultant Contract and may be cancelled pursuant to the provisions of Arizona Revised Statutes Section 38-511.

THEREFORE, the City of Buckeye by its Mayor and City Clerk have hereunto subscribed their names on _____, 2021.

Signature page to follow:

CITY:
THE CITY OF BUCKEYE, ARIZONA
An Arizona Municipal corporation
By: _____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda Aja, City Clerk

RECOMMENDED:

_____
Christopher A. Williams, Manager
Construction & Contracting

APPROVED AS TO FORM:

_____
City Attorney

Dibble Engineering
By: _____
Ryan Toner, PE
Its: Vice President _____

Adobe Sign Transaction Number: CBJCHBCAABAAMjnComlqJkn8BKQqdSHSdAE1_AW_v1mD

EXHIBIT A

CONSULTANT'S PROPOSAL

p 602.957.1155 | 7878 North 16th Street, Suite 300
Phoenix, AZ 85020
dibblecorp.com

October 19, 2021

Mr. Jeff Webbe
Airport Coordinator
23454 W MC85
Buckeye, AZ 85326

RE: ***Airport Master Plan – Buckeye Municipal Airport***

Dear Mr. Webbe:

We appreciate the opportunity to provide planning services for the update to the Master Plan at the Buckeye Municipal Airport. The Airport Master Plan Study will be a long-term, comprehensive development plan that meets the Airport's unique goals and objectives and complies with all relevant Federal Aviation Administration (FAA) requirements. The Study will also seek to address the Airport's operational, maintenance, and improvement considerations; development priorities; natural environment and land use compatibility considerations; and factors related to proper financial management to enable the Airport to meet operational and capital improvement fiscal needs. This proposal has been prepared in accordance with our understanding of the Study goals and objectives based on our conversations with you and others within the City.

We have prepared a scope of work describing our proposed services along with a fee proposal for your review and approval. Dibble's total fee per the attached scope of work is:

Planning Services:

1. Dibble (prime consultant) ……total fee = $341,359.00
2. NV5 Geospatial (aka Quantum Spatial) (sub-consultant) ……total fee = $79,888.00
3. Genesis Consulting Group, LLC (sub-consultant)……..total fee = $24,938.00
4. SWCA Environmental Consultants (sub-consultant)……total fee = $24,060.00

Total Fee = $446,185.00

We look forward to working with you on this important project. If you need additional information or have questions, please do not hesitate to call us at 602-957-1155.

Sincerely,

Charlie McDermott, LEED AP
Aviation Planning Manager, Airport Development
Dibble

Ryan Toner, PE
Vice President,
Airport Development Practice
Dibble

SCOPE OF WORK

Airport Master Plan

Buckeye Municipal Airport

In an effort to establish an appropriate plan for the future development of Buckeye Municipal Airport (BXK or Airport), the City of Buckeye (the Sponsor), operator of the Airport, has elected to undertake a Master Plan Study (the Study) for the Airport. The Master Plan Study will be a long-term, comprehensive development plan that meets the Airport's unique goals and objectives and complies with all relevant Federal Aviation Administration (FAA) requirements. The Study will also seek to address the Airport's operational, maintenance, and improvement considerations; development priorities; natural environment and land use compatibility considerations; and factors related to proper financial management to enable the Airport to meet operational and capital improvement fiscal needs.

Dibble and its teaming partners NV5 Geospatial & Genesis Consulting Group, LLC will provide the necessary services for this Study. This Scope of Work (SOW) covers the planning services and tasks associated with Study. In accordance with the Agreement for Airport Planning Consultant Services, the contract type is lump sum (see **Attachment 1**). The Study is anticipated to be completed within 12 – 18 months after official Notice to Proceed is received from the City.
This document provides information on the following aspects:

- Airport background information and description of the master planning effort.
- Areas of emphasis for this Study; and
- Project scope elements/tasks.

Background Information

The Airport is located approximately nine miles northwest of the Buckeye's city center near Interstate 10 in the West Valley of Metro Phoenix. The Airport is classified as a general aviation facility and publicly owned by the City of Buckeye. BXK currently is home to 60 fixed-wing based aircraft and experiences roughly 54,000 total annual operations per year. Several flight schools and other specialty services are located at BXK. The last Airport Maser Plan was published in 2007.

Since that time, especially in the last several years, the City of Buckeye has seen an increase in its population and employment sectors. With this growth comes more interest in the Airport and its surrounding land uses. An update to the Master Plan is needed to accurately reflect the present-day conditions and operations, as well as ensure the Airport can support any increase in forecasted operations and based aircraft to meet future demand. Additionally, identification of airfield and business development needs and opportunities will ensure that the Airport keeps pace with the growing community.

To accomplish this effort, this Study will follow FAA guidance in accordance with Advisory Circular 150/5070-6B (Change 2 or most current version), *Airport Master Plans*. As the AC outlines, an airport master plan is a comprehensive study that addresses short-, medium-, and long-term plans for airport development and includes the following elements:

1) Public involvement program;
2) Inventory of existing conditions, including an environmental resource overview;
3) Aviation activity forecasts;
4) Facility requirements assessment, including capacity analysis;
5) Alternatives development and evaluation;
6) Preparation of recommended airport improvement plan;
7) Preparation of long-range Capital Improvement Plan;
8) Airport Layout Plans (update);
9) Financial feasibility analysis; and
10) Executive summary brochure

Buckeye Airport Master Plan Areas of Emphasis

- Review and refinement of airport goals, objectives, vision, and initiatives.
- Unique and customized public involvement program including public meetings, stakeholder meetings, establishment of a Study Committee; meetings with Airport staff, the Study Committee, city council presentations, mayor briefings, and an outreach/communications plan.
- FAA Phoenix ADO and ADOT Aeronautics coordination including meetings, conference calls, planning memos, etc.
- Development of forecasts of aviation activity to determine existing and future general aviation land utilization and growth needs.
- Landside alternatives development and analysis.

- Examination of the configuration of all airfield pavements in consideration of current FAA standards and guidance, with recommendations for resolution of any deficiencies.
- Analysis of business opportunities
- Provide guidance on requirements for future environmental studies required to implement Master Plan Study recommendations.

Reference Documents

Components and preparation for both the Airport Master Plan narrative and revisions to the Airport Layout Plan (ALP) shall include all items required by the ALP checklist contained in FAA Standard Operating Procedure (SOP) 2.00, *Standard Procedure for FAA Review and Approval of Airport Layout Plans (ALPs);* and SOP 3.00, *Standard Operating Procedure for FAA Review of Exhibit "A" Airport Property Inventory Maps.* The Study will be conducted in accordance with current FAA requirements and guidance, including FAA Advisory Circular (AC) AC 150/5070-68, *Airport Master Plans;* AC 150/5300-13A, *Airport Design;* FAA Order 1050.1E, *Environmental Impacts: Policies and Procedures;* FAA Order 5050.48, *National Environmental Policy Act (NEPA) Implementing Instructions for Airport Projects;* FAA Advisory Circular for *Airports Geographic Information Systems* (AC 150/5300-16A, 17C and 188), Title 14 Code of Federal Regulations (14 CFR) Part 77, *Safe, Efficient Use, and Preservation of the Navigable Airspace*; FAA Order 5100.38D, *Airport Improvement Program Handbook*; and other applicable FM regulations, orders, ACs and guidance.

The scope of services to complete the Study are organized into the following tasks:

1. Project Management and Administration
2. Public Involvement Program
3. Inventory of Existing Conditions
4. Aerial Imagery Acquisition / FAA AGIS Survey
5. Forecasts of Aviation Activity
6. Facility Requirements and Capacity Analysis
7. Alternatives Development, Evaluation, & Recommendations
8. Airport Layout Plan Drawing Set
9. Implementation Plan and Funding Analysis
10. Recycling and Solid Waste Management Plan
11. Documentation

Element 1 – Project Management and Administration:

Dibble will manage the project on behalf of the City including the services of our planning team subconsultants. The subconsultants are:

Subconsultants	Services
NV5 Geospatial (aka Quantum Spatial)	Aeronautical Obstruction Survey/AGIS
SWCA Environmental Consultants (SWCA)	Environmental Services (Task 3.4)
Genesis Consulting Group, LLC (Genesis)	Analysis of Business Opportunities (Task 6.5)

1.1 General Project Management and Administration

This task includes interrelated actions, processes, resource assignments, and communication among the project team for purposes of tracking the progress of the Study. Managing the technical work tasks is necessary for a successful project. Project management administrative duties include:

- Developing and documenting the project plan
- Organizing the project team
- Accounting set-up
- Creation, distribution, and periodic updating of project schedule
- Sub-consultant administration
- Internal project team meetings and coordination
- Executing project activities
- Managing/mitigating risks and solving challenges
- Invoicing and monitoring project budget
- All project communications
- Project close out

1.2 Project Kickoff Meeting

Dibble will conduct an in-person project kickoff meeting with the City. This meeting is intended to ensure that all project team members clearly understand the goals for the project, the scope of the services, project schedule, project deliverables, etc. It will also be an opportunity for the City staff to offer comments related to the project. Dibble will provide meeting minutes to the attendees within five business days of the meeting. The meeting will be attended by the Project Manager and Senior Planner.

1.3 Sponsor and/or FAA/ADOT Aeronautics Coordination

Status briefings will take place throughout the Master Plan Study process. These briefings will take place in person, via telephone call, or email between the Airport Coordinator and **Dibble's** Project Manager on an as-needed basis. Additional Study team members or representatives from the FAA and/or ADOT Aeronautics may also occasionally be invited to meetings when applicable. These briefings will include status reports of current work, upcoming meetings and work effort, and discussion of challenges affecting the schedule, process, and budget. Dibble anticipates up to **four (4)** meetings may be held throughout the course of the project. Additionally, the Project Manager and Senior Planner may each attend up to **six (6)** meetings on behalf of the Airport as a part of the City's Airport Specific Area Plan project.

Element 2 – Public Involvement Program:

The purpose of the Public Involvement Program is to facilitate open and proactive communication with internal and external stakeholders, as well as the public, to provide knowledge and support for the resulting Study. Participation by stakeholders and members of the public ensure that each group has a vested interest in the resulting Study.

2.1 Study Committee Meetings

Dibble will facilitate the establishment of an advisory committee for the Study. Typically referred to as a Planning Advisory Committee (PAC), the committee will consist of approximately 8 to 10 individuals. Membership typically consists of interested stakeholders including technical experts, airport staff, and City staff representing the planning, zoning, and engineering departments, as examples. The PAC may also include airport tenants, local businesses, ADOT, and FAA representatives. To obtain additional input, Dibble may also conduct in person interviews with some stakeholders.

A kick-off meeting will be held with the PAC to review the goals and objectives of the Study, along with gathering feedback from participants regarding the planning process. Follow-on meetings will be held to present the draft findings of the Study as it progresses. **Dibble** anticipates facilitating **four (4)** meetings of approximately one-hour in duration with the PAC to be held periodically during the Study. All meetings will be attended by the Project Manager and Senior Planner.

Dibble will distribute electronic working papers to the committee a minimum of two weeks prior to the meetings. **Dibble** will also prepare all necessary meeting materials such as

PowerPoint presentations, handouts, sign-in sheets, and will prepare meeting minutes. Meeting minutes will be submitted to the City within one week for review. Once the City approves the meeting minutes, Dibble will distribute them to the committee and address any follow-on questions as needed.

2.2 Outreach and Communications Plan

It is understood that stakeholder input from the community, airport users, and government agencies needs to be a key element of this Master Plan Study to achieve a successful outcome. **Dibble** will coordinate with Airport staff to manage stakeholder and public outreach, identifying media to share the Airport's vision with stakeholders, providing assistance with the staffing of public meetings and producing exhibits, press releases, website and presentation materials. The City will assist the Consultant with selecting and approving the venue(s) for the public meetings. **Dibble** will coordinate and secure the venue for all public meetings and provide light refreshments at each public meeting.

Three public information meetings will be held at the City approved locations during the Study. The meetings will be no more than three hours each and will be an open-house style format. The opportunity to address questions from the public will be made available. Additionally, **one** Study briefing to the Buckeye City Council during a regularly scheduled city council meeting will also occur. Both the public meetings and City Council briefing will be attended by the Project Manager and Senior Planner.

To promote the Airport Master Plan project and engage with the public, **Dibble** will participate in the Buckeye Air Fair on February 18th 19th & 20th. Dibble will have one display booth promoting the Airport Master Plan project. The booth will also be used to seek input from the public about issues and concerns related to the airport. Dibble will have two aviation professionals at the display booth for four hours each day on the 18th and 19th and two hours on the 20th.

Table 1 summarizes the meetings and conference calls anticipated throughout the Study.

Table 1 – Summary of Meetings, Events and Conference Calls	
	Mtgs, Event, Calls
Study Kickoff Meeting	1
Study Coordination Meetings with Sponsor	12
Study Coordination Calls with the FAA and/or ADOT Aeronautics	4

Airport Master Plan Study

Planning Advisory Committee (PAC) meetings (virtual or in-person)	4
Public Outreach meetings	3
Study Briefing to City Council	1
Buckeye Airport Specific Area Plan Meeting Attendance	6
Buckeye Air Fair project display booth (February 18th 19th & 20th)	3

Element 3 – Inventory of Existing Conditions:

This element includes tasks that systematically document BXK assets, activities, conditions, and environmental resources to establish an informational baseline for the Study. The information gathered as part of this task will result in written and graphic documentation in the Airport Master Plan.

3.1 Existing Conditions Site Visit

Dibble will conduct a one-day, on-site inventory at the airfield to verify the location and condition of various components of the Airport, such as pavement, airfield lighting, pavement markings, and navigational aids. In general, the following will be inventoried:

- **Airfield:** Runway, taxiways, aprons, airfield lighting, visual and navigational aids, perimeter fencing and access control gates, and any other facility or component related to the airside portion of the airfield.

- **General Aviation Facilities:** The quantity, type, and general condition of hangars, transient aircraft parking aprons, tie-down positions, and general aviation services will be inventoried.

- **Airport Property:** The existing airport property boundary will be confirmed with information provided to the Consultant by the City. Any land that was released, or that is planned to be released, will be identified; and

- **Ancillary/Support Facilities:** Fuel storage and tanks, equipment storage facilities, surrounding emergency response, and other airport administration and maintenance facilities will be inventoried. Existing capacities including number of tanks, types of fuel, and available equipment and adequacy of storage tanks based on existing and forecasted aviation demand will be determined.

- **Vehicle Access, Circulation, and Parking:** General condition and lighting of ground access will be inventoried and evaluated on the adequacy for existing and future use of the Airport;

- **Utilities:** Utilities supporting the Airport will be identified and documented. Electrical power, emergency power, natural gas service, sanitary and storm sewer, potable water, telecommunication, and suppliers will be identified. The inventory will use readily available information, maps, and data provided by the County.

3.2 Data Collection & Review

Dibble will obtain copies of existing reports, plans, electronic imagery, or other documents which may provide data on the history of the Airport, economic impact, area transportation systems, utilities, airspace, jurisdictional boundaries, or other data and information pertinent to the Study. Flight data will also be gathered from sources such as FlightAware, Airport IQ data center by GCR, or other reliable sources acceptable to the County and FAA. Dibble will assemble and review the data for use in later tasks.

3.3 Existing Land Use and Zoning Inventory

Dibble will obtain copies of existing local planning and land use regulations and mapping within the airport influence area (i.e. 14 CFR Part 77 airspace surfaces) for review. This effort will concentrate on identifying the boundaries of controlling jurisdictions and the land uses by type. These types will be general and will include, but are not limited to, residential, commercial, agricultural, recreation, conservation, and public uses. In addition, readily available information will be obtained that will identify the typical characteristics which may influence construction and planning for an Airport. Existing, or currently proposed, airport zoning will be evaluated to determine compliance with existing FAA grant assurances and level of protection afforded to the Airport.

3.4 Environmental Resources Overview

Dibble will complete a preliminary review of existing environmental resources within the vicinity of the Airport to develop an understanding of potential environmental setting which may impact alternatives related to future airport development. The environmental overview includes summarizing existing environmental resources as well as previous airport environmental studies including Environmental Assessments (EAs) and Categorical Exclusions (CATEXs). The environmental overview effort will be documented in the Plan and is not intended to satisfy the National Environmental Policy Act (NEPA) requirements.

On October 5, 2018, H. R. 302, "FAA Reauthorization Act of 2018" was signed into law (P.L. 115-254). Section 163 of the Act necessitates changes in how the FAA has historically operated with respect to oversight of airports. Section 163(a) narrows the scope of the FAA's authority over airport land uses by generally prohibiting the FAA from "directly or indirectly regulating" airport land. Section 163 also changed prior practices of the FAA is a reduction in the FAA's ALP approval authority. **Dibble** will coordinate, compile and submit to FAA the required documentation about the airport property allowing FAA to make a Section 163 determination for the airport.

Dibble will coordinate, review and incorporate the findings of an airport-wide cultural resource study prepared by **SWCA Environmental Consultants** into the Airport Master Plan (see attachment). Any prior cultural resources discovered will also be incorporated into the study prepared by SWCA. The cultural resource study will include all existing airport land and the proposed 74 acres of land to be acquired as described in the Land Acquisition Environmental Assessment, Finding Of No Significant Impact (FONSI) dated September 2015.

3.5 Climate and Wind Data Collection and Analysis

Dibble will collect meteorological and wind observation data from the Airport's Automated Weather Observing System (AWOS) to assess crosswind conditions. This data will be used in developing an All-weather, Visual Flight Rules (VFR), and Instrument Flight Rules (IFR) wind roses based on 10.5, 13, 16, and 20-knots crosswind components. Wind and weather data for the most recent ten-year period available will be collected.

Element 4 – Aerial Imagery Acquisition:

Airport Geographic Information System (AGIS) for Master Plan studies typically involves aerial imagery collection and analysis, field survey in support of imagery acquisition, and planimetric mapping and data attribution. To date, the Airport has not had an aerial survey or mapping conducted for the FAA's AGIS program. **Dibble** and **NV5 Geospatial** will work collectively to collect aerial imagery in accordance with FAA guidance as outlined in NV5 Geospatial's proposal (see attachment).

Element 5 – Forecasts of Aviation Activity

Dibble will examine the most significant factors associated with the demand for aviation and develop annual forecasts of aviation activity anticipated to occur during the 20-year planning

horizon. The aviation forecasts will be developed using acceptable forecasting analysis techniques consistent with FAA guidance, including *Forecasting Aviation Activity by Airport* (July 2001) and *Guidance on Review and Approval of Local Aviation Forecasts* (June 2008). Any substantial differences between the forecast and the FAA's *Terminal Area Forecast* (TAF) will be resolved before work continues on subsequent parts of the Project.

5.1 Collection and Evaluation of Historical and Existing Activity Data

Dibble will collect historic and existing data from a variety of sources to assist in the forecasting element. This includes the existing airport master plan, current airport management records, the FAA's *TAF*, the FAA's *National Aerospace Forecast*, FAA's *Traffic Flow Management System Counts (TFMSC*), and Arizona's most recent State Aviation System Plan, along with any City planning documents.

Dibble will also review local, regional, and national trends influencing and affecting aviation demand at the Airport. Economic factors, demographic characteristics, and geographic attributes of the service area and the role of the airport in the local and regional aviation systems, will be documented along with aviation-related aspects. Any factors specific to the Airport will also be evaluated and summarized.

5.2 Aviation Activity Demand Projections

Dibble will compile a summary of aviation activity and operational data for the Airport to indicate historical growth and present a basis for statistical analysis of based aircraft, aircraft mix, annual aircraft operations, and related factors.

Projections of aviation demand will be developed using standard forecasting methodologies in accordance with FAA Advisory Circular 150/5070-6B. Projections of short-, intermediate-, and long-term demand levels (i.e., 5, 10, and 20-years) will be developed. Demand forecasts will be developed for the following key elements:

- Total based aircraft and fleet mix
- Annual general aviation operations (local vs. itinerant)
- General aviation operations by category and fleet mix
- Percentage of touch and go operations
- Annual military operations (local vs. itinerant)
- Annual instrument approaches (AIA's), if applicable

- Peak hour operations

Methodologies for developing new forecasts may include:

- Comparative analysis of the previous and existing forecasts listed above
- Trend analysis of historical activity levels projected forward
- Market share analysis using a top-down relationship between national, regional, state and local activity levels with historical market shares calculated and used as a basis for projecting future market shares
- Per capita analysis correlating future growth to future population growth
- Cohort analysis or a combination of the other forecasting analysis

Dibble will assess these forecasts with varying levels of certainty, analyzing the probability of a low-, mid-, and high-level forecast scenario for total based aircraft and total aircraft operations, ultimately recommending a preferred forecast for each factor.

Results of this element will be used to determine future needs for airside, landside, and support facility components at the Airport. Methodologies used in this task will be reviewed with Airport staff and the FAA Phoenix ADO before the element is finalized. Close coordination will be maintained to ensure acceptance of the approach to the aviation activity projections.

5.3 Critical Aircraft Determination

Dibble's final important element of the forecast task is the determination and recommendation of a critical aircraft for use in subsequent facility planning evaluation. The critical aircraft is that aircraft that uses (or is highly likely to use) the airport on a regular basis. Regular basis is defined by the FAA as a minimum of 500 annual operations (excluding touch-and-go operations). Using existing annual aircraft data and forecasts of future fleet mix, a critical aircraft will be identified for each runway at the Airport and referenced with the corresponding Runway Design Code (RDC).

5.4 Coordination and Approval of Forecasts

Dibble will compare the aviation activity forecasts to the FAA's TAF using the recommended FAA format to identify any inconsistencies. Consideration will be given to FAA's guidance related to forecast consistency with the *TAF*. The FAA considers a master plan forecast for annual operations and based aircraft to be consistent with the *TAF* for

non-hub airports if forecasts differ by less than ten (10) percent in the five (5) year forecast and 15 percent in the (10) ten-year period.

The forecasts will be submitted to the FAA Phoenix ADO for review and approval. Once approved by the FAA, these findings will be incorporated and used within the Master Plan report.

Deliverable: Working Paper 1

The Inventory (Element 3) and Forecasts (Element 5) will be summarized into draft Working Paper 1 (WP1). At this juncture, draft WP1 will be submitted for review by Airport management and the PAC. Once reviewed, a separate technical memorandum containing BXK's aviation demand forecasts for the current planning horizon will be submitted to the FAA (PHX ADO). The BXK Forecast Technical Memorandum will include the standard FAA TAF comparison tables. Once approved, the FAA-approved forecast will provide the basis for the development of the remaining Master Plan report.

Element 6 – Facility Requirements and Capacity Analysis

Analysis of the facilities required to accommodate demand will be conducted, including airfield capacity. Furthermore, current FAA standards and dimensional criteria related to the physical layout of airport facilities will be reviewed for compliance with standards. Additional airfield layout and geometry (e.g., runway length, taxiway design, hot spots, dual purpose pavements, indirect taxiway access, etc.), instrument approach capabilities, and navigational aids and lighting will be considered, as well as landside and support facility needs.

6.1 Standard FAA Capacity Analysis

Using established FAA criteria and the findings from the inventory and forecast demand projections, **Dibble** will review the existing runway configuration to determine its theoretical capacity and limitations. Inputs for this analysis will include aircraft fleet mix, navigation aids, physical orientation of runways and taxiways, spacing of taxiway exits, flight training activity, user preference, weather/wind conditions, and peaking characteristics. The capacity of the Airport's existing aviation facilities will be compared to demand projections for the short-term (5-year), intermediate-term (10-year), and long-term (20-year) planning periods. Existing and projected capacity surpluses and deficits will be identified, and the consequences explained.

6.2 FAA Design Standards Review/Evaluation

Dibble will identify the appropriate FAA design standards applicable to the airfield, airspace, and terminal area as determined by the design aircraft forecast. Airport design standards will be analyzed using current FAA regulations and policies, including FAA AC 150/5300-13A, Change 1, *Airport Design*; AC 150/5300.1G, *Modifications to Agency Airport Design, Construction and Equipment Standards*; 14 CFR Part 77, *Safe, Efficient Use and Preservation of the Navigable Airspace*; and Engineering Brief No. 99, *Changes to Tables 3-2 and 3-4 of Advisory Circular 150/5300-13A, Airport Design*.

6.3 Identify Airfield Facility Requirements

Utilizing current FAA planning criteria and the existing master plan documents, **Dibble** will review the overall facility needs based on existing and projected future activity and the Airport's role in the local, regional, and national aviation and economic system. Airside facilities to be analyzed include:

- Runways and associated safety and protected areas
- Taxiways and associated safety and protected areas
- Runway Protection Zones (RPZs)
- Approach and departure surfaces
- NAVAIDS, lighting, signage, and associated critical areas

6.4 Identify Landside and Support Facility Requirements

Utilizing current FAA planning criteria and the existing master plan documents, **Dibble** will review landside and support facility needs based on projected future activity and the Airport's role in the local, regional and national aviation and economic system. Landside facilities to be analyzed include:

- Aircraft parking apron areas
- FBO, corporate, and general aviation facilities
- Aircraft storage and hangar areas
- ARFF and other Support facilities
- Fuel farms
- Utilities
- Perimeter fencing and gates
- Airport access and circulation
- Vehicle parking

6.5 Analysis of Business Opportunities (NOT FAA AIP ELIGIBLE)

Genesis will conduct a business analysis and evaluation to identify the aviation businesses and airport intensive industries that are best suited for both the community (based upon economic/demographic profile) and the Airport (based on capabilities and infrastructure). Furthermore, **Genesis** will identify the existing relevant attributes of the Airport and will also identify national and local trends in general aviation, as well as current and forecasted Airport/area usage patterns. Based on the revised aviation demand forecasts prepared as part of Element 5 and on City/Airport input, this task will also analyze proposed businesses for the Airport, identify specific industries, and evaluate factors that will be relevant to the success of those ventures. Based upon these factors, and those outlined in previous tasks, target business types and activities for both airside and landside development will be identified (see attachment).

Element 7 – Alternatives Development, Evaluation, and Recommendations

Based on established goals and desires of the City and Airport staff, a specific plan and program for airport development and improvement will be prepared representing recommendations that are workable, implementable, and defensible.

7.1 Alternatives Development Process

Dibble will prepare development alternatives incorporating both airfield and landside components based on the findings from the inventory, forecasts of aviation activity, and facility requirements findings, as well as input from Airport management, the FAA, and the PAC. These alternatives will identify options and configurations to meet projected facility requirements for each major facility component (i.e., airfield and landside development). The alternatives will undergo a screening and evaluation of criteria largely framed by operational performance, construction feasibility, environmental considerations, and financial feasibility.

The alternatives evaluation will investigate the advantages and disadvantages of providing new facilities, facility closure, facility creation and expansion, and facility repurposing. Based on alternatives evaluation criteria and Airport development goals, the evaluation process is structured to systematically evaluate options and provide the technical basis for arriving at a preferred development concept.

7.2 Preferred Development Alternative

Dibble will identify and carry forward a preferred Airport development concept as a direct result from the evaluation process. An exhibit of the preferred development will be created and provided to Airport management and the PAC (including an FAA representative) for review. Once finalized, the exhibit of the preferred development will be carried forward to be used for the ALP, Capital Improvement Plan (CIP), cost estimates, and funding analysis.

Deliverable: Working Paper 2

The Facility Requirements and Capacity Analysis (Element 6) and Alternatives Development (Element 7) will be summarized into draft Working Paper 2 (WP2). Draft WP2 will be submitted for review by Airport management and the PAC. Any edits or changes will be incorporated after a review period and finalized to be used in the final Master Plan.

Element 8 – Airport Layout Plan Drawing Set

Dibble will prepare the Airport Layout Plan (ALP) Drawing Set according to FAA standards as defined in Advisory Circular (AC) *15015070-68, Airport Master Plans, AC 150/5300-13A, Airport Design,* and FAA Airports Standard Operating Procedure (SOP) 2.00, *Standard Procedure for FAA Review and Approval of Airport Layout Plans (ALPs)* and FAA SOP 3.00, *FAA Review of Exhibit 'A' Airport Property Inventory Maps.*

In addition to the AGIS data described herein (provided by **NV5 Geospatial**), sources of information for these drawings in this element will include previous Airport Layout Plans (ALPs) and master planning documentation, published instrument procedures (IAPs), USGS mapping, legal descriptions, property surveys, local and regional government mapping, aeronautics databases, and other sources readily available to the Consultants. The drawing set will include the following sheets, at a minimum:

- Title
- Airport Data Summary
- Airport Layout Plan (ALP)
- Terminal Area Plan
- Airport Airspace Plan and Profile (14 CFR Part 77 surfaces)
- Inner Portion of the Approach Surface – Runway 17
- Inner Portion of the Approach Surface – Runway 35
- Departure Surface (Future) – Runway TBD
- Airport Land Use (On- and Off-airport)
- Airport Property Inventory Map (Exhibit "A")

8.1 Title Sheet

The Title Sheet will be prepared and will include applicable information such as the name and location of the airport and sponsor, location and vicinity maps, an index of sheets contained within the set and the date of the set.

8.2 Airport Data Summary Sheet

This sheet will contain all pertinent data associated with the existing and future airport development summarized in tables according to the FAA SOP 2.00 checklist.

8.3 Airport Layout Plan (ALP) Sheet

An Airport Layout Plan (ALP) will be prepared in accordance with the findings, recommendations, and approvals resulting from the Study, as well as from FAA AC 150/5070.6B, Appendix F, *Airport Layout Drawing Set*, and AC 150/5300-13A, *Airport Design*. The ALP shall be developed using AGIS base mapping provided by **NV5 Geospatial** and from information gathered from previous tasks. The ALP will depict the configuration and general dimensioning of existing and future airport facilities (within the 20-year planning period).

8.4 Terminal Area Development Plan Sheet

A Terminal Area Development Plan will be created reflecting development of building areas at the airport, typically the FBO or Airport Administration area at GA airports, to reflect the recommended development. Other areas that may be included in this drawing are surface access, security fencing, and other airport facilities. Access and vehicle parking facilities for the Airport will also be included in this drawing as needed.

8.5 Airport Airspace Sheet

The Airport Airspace drawing will be prepared depicting obstacle identification surfaces for the ultimate Airport development configuration. Based on the AGIS survey, it will also depict airspace obstructions for the portions of the surfaces excluded from the Inner Portions of the Approach Surface Drawing.

Per criteria outlined in 14 CFR Part 77, a topographic drawing will be prepared depicting a plan view of the ultimate Airport 14 CFR Part 77 surfaces and a small-scale profile view of the 14 CFR Part 77 approach surfaces. Natural and manmade obstructions to the airspace surrounding the Airport will be identified. The obstacle data obtained will be used as a basis

for developing the drawing. Airspace case studies for proposed structures near the Airport will be reviewed for potential new objects and or obstructions to the 14 CFR Part 77 Airspace.

8.6 Inner Portion of the Approach Surfaces and Departure Surface Sheets

In accordance with FAA SOP 2.00, the Inner Portion of the Approach Surface Drawings will be prepared depicting the plan and profile view of the area from the runway threshold out to where the ultimate approach surface slope is 100 feet above the threshold elevation, including existing and planned approach slopes, controlling structures and other objects penetrating approach surfaces using AGIS survey information from previous tasks. These drawing also will include a runway centerline profile that shows the full length of the runway and runway safety areas, the RSA, runway elevations, RSA gradients and all vertical curves. This may require additional drawing sheet to show runway vertical curves.

A plan showing the existing and future runway safety areas, runway protection zones, and associated approach areas will be developed for each runway end. Plan and profile views of each area will be developed identifying all physical obstructions. The obstruction's height and location will be noted by dimension lines. Any obstruction requiring removal or relocation to meet FAA standards will be noted and an action plan identified. A corresponding obstruction table will be provided with each approach surface identified.

Additionally, should an instrument approach procedure (IAP) for either Runway 17, 35, or both, be agreed upon during the Facility Requirements and Alternatives Development, a departure surface drawing will be required for the corresponding runway end opposite of the runway end with the IAP. A separate obstruction table will be included delimitating departure surface obstructions and proposed disposition.

8.7 Land Use Plans

This sheet will depict existing and recommended uses of all land within the ultimate Airport property line (on airport) and within the vicinity of the Airport (off airport). This will include area surrounding the Airport that falls within the existing Airport Influence Area, as well as consideration of recent development proposals near the Airport. Land uses will be depicted by general land use categories as found within the City and/or County land use and zoning codes. Places of public assembly will be denoted, including churches, schools and parks. In addition, local zoning restrictions that are in place to protect the airport and surrounding airspace will be shown, if applicable.

Existing and future noise contours for BXK will be developed using the FAA's Aviation Environmental Design Tool (AEDT) and existing and projected aircraft operations data. These contours will be displayed on the Land Use Plan drawing, as well as used in other areas of the ALP set and/or Master Plan report.

8.8 Airport Property Inventory Map (Exhibit "A")

In accordance with FAA SOP 3.00, *Standard Operating Procedure for FAA Review of Exhibit "A" Airport Property Inventory Maps*, an Exhibit 'A' Airport Property Inventory Map will be updated using the existing Airport Property Map, as well as any other existing or supplemental property and/or easement information supplied by the Airport. This scope of services does not include significant title or parcel research or title commitment work and will not incorporate any property/parcel information other than that provided by Airport or other secondary sources. This drawing will be prepared using existing documents, maps, and land use plans furnished to the Consultants or readily accessible through the County Assessor or Recorder Office.

8.9 Airport Public Disclosure Map

Dibble will prepare a Public Airport Disclosure Map in accordance with A.R.S. 28-8486 as part of the Study. Dibble will provide the Airport with an electronic file of the completed map separately from the ALP set so that the Airport may submit the map to the City's Recorder's Office.

Element 9 – Implementation Plan and Funding Analysis

This element provides an overview of the development via a phased project list, or implementation program, as well as a financial analysis related to funding the projects presented as a part of this Master Plan Study.

9.1 Prepare Probable Costs

Dibble will prepare probable costs of proposed projects, based on current dollars, for the first five-year period; a more generalized cost breakdown will be prepared for the six-through twenty-year period. Proposed project costs will be prepared using unit prices extended by the size of the facility tempered with some specific considerations. Probable cost estimates will be based the Consultant's knowledge of major development projects within the region, construction material suppliers, and work performed at comparable

facilities. Probable cost estimates are intended to be used for planning purposes only and are not to be construed as final engineering construction costs.

9.2 Implementation Schedule and Airport Capital Improvement Program (ACIP)

Dibble will prepare an implementation schedule and capital improvement plan for the Airport. The implementation schedule identifies all airport development projects within the 5-year, 10-year and 20-year planning periods. The short-term (5-year) plan will be integrated and developed into the upcoming Airport Capital Improvement Program (ACIP) where applicable, recognizing that local, state, and federal funding may already be dedicated.

The Capital Improvement Program (CIP) in general found within this task identifies all projects noting total estimated development costs (as described above), project priorities, and appropriate types of FAA funds to be programmed for implementation. The CIP will also consider the potential for other sources of funding for projects not considered eligible for FAA funding or considered a low priority for FAA funding.

9.3 Evaluate Funding Sources

Dibble will evaluate project funding sources, including FAA and ADOT grant programs, to assist in identifying the appropriate funding sources available for future capital improvement projects listed on the recommended ACIP and beyond.

Element 10 – Recycling and Solid Waste Management Plan

Dibble will prepare an airport solid waste recycling plan in accordance with the *FAA Modernization and Reform Act of 2012* (FMRA) and the September 30, 2014, FAA Memorandum titled, *Guidance on Airport Recycling, Reuse and Waste Reduction Plans*. This effort will be conducted in coordination with the City of Buckeye (Sponsor) and/or representatives from the City's contractors and tenants, including the FBO, as needed.

As specified by the FAA, this effort will address the recycling, reuse, and reduction of municipal solid waste (MSW) including construction and demolition debris, compost, and other material which can be disposed of in a non-hazardous waste landfill and excluding other types of solid waste such as hazardous waste, universal waste, or industrial waste. As specified by the FAA, the scope of this element includes "all areas under direct control of the sponsor, and when applicable, areas over which the sponsor has influence." This plan will be developed through the following tasks, which are aligned with the FMRA requirements and FAA guidance:

10.1 Facility Description and Background

The Consultant will gather, assess, and describe background information about the Airport, the Airport's current solid waste recycling, reuse, and waste reduction efforts (if any) and program performance. One telephone interview with City, Airport and/or FBO staff will be conducted to gather data for this task. Photographs of and other information about waste-related infrastructure and practices will be gathered during the inventory phase of the master plan (no separate visit is planned under this task). City, Airport and/or FBO staff may be asked to provide additional data and information collected under the existing program (copies of invoices and contracts, etc.).

10.2 Waste Audit

The Consultant will examine records and other information provided by the Airport to identify and document the source, composition, and baseline quantity of MSW waste streams generated at the facility. A physical waste sort will not be conducted under this task.

10.3 Review of Recycling Feasibility

The Consultant will research, assess, and describe factors affecting the Airport's ability to recycle and identify and describe constraints.

10.4 Operation and Maintenance (O&M) Requirements

The Consultant will review and describe waste handling and parties responsible for each area and waste stream.

10.5 Review of Waste Management Contract

The Consultant will review and describe current contracting and funding for waste management at the Airport.

10.6 Potential for Cost Savings or Revenue Generation

The Consultant will develop, and present recycling program recommendations based on review of the preceding work and compare the cost of landfilling waste with recycling, compost, or reuse.

10.7 Plan to Minimize Solid Waste Generation

The Consultant will develop and document recycling program recommendations based on review of the preceding work and compare the cost of landfilling waste with recycling,

compost, or reuse. The Consultant will develop and document the final recycling, reuse, and waste reduction program recommendation(s), based on information obtained in the previous tasks.

This task will describe:

- The Airport's program to recycle paper, plastic bottles and cups, and aluminum cans
- The Airport's plan to reduce the amount of waste being disposed of in landfills,
- Recommended updates to contracts, leases, or other agreements,
- Any capital improvements recommended to support waste diversion,
- Alignment of waste plan with other Airport plans,
- How waste diversion will be included in new development,
- How the Airport will track the recommendations and improve performance,
- Enhancements for future consideration,
- Conditions that will trigger re-evaluation, and
- Recommendations education and outreach to employees, tenants, and the travelling public on recycling.

Deliverable: Working Paper 3

The Implementation Plan and Funding Analysis (Element 9) will be summarized into draft Working Paper 3 (WP3). Draft WP3 will be submitted for review by Airport management and the PAC. Likewise, a draft of the complete Airport Layout Plan Drawing Set and the Recycling and Solid Waste Management Plan (RSWMP) will also be submitted for by Airport management and the PAC separately during this time. Any edits or changes to WP3 or the draft ALP set or RSWMP will be incorporated after a review period and finalized to be used in the final Master Plan.

Element 11 – Documentation

An effective airport master plan places emphasis on developing concise, effective study documentation. Several types of materials will be produced to document the planning process as noted below. The chapters will be provided as drafts for Airport and PAC review and revised into Draft and Final reports. Where possible, working papers and memos will be prepared and distributed electronically to reduce paper waste.

11.1 Working Papers, Memorandums, and Meeting Materials

Dibble will prepare three Working Papers (containing draft report sections that will, when finalized, become chapters in the Draft and Final Reports). Digital copies will be distributed in advance of PAC or other meetings. Dibble will provide hard copies for Airport staff and the PAC members as required and if requested.

Additionally, memorandums or other meeting materials documenting each phase of the study's technical analysis will be prepared as needed and distributed for the Airport's and PAC's review and comment. Dibble will also develop graphics (boards or PowerPoint presentations) to convey the project information as necessary for various meetings.

11.2 Draft and Final ALP Drawing Set

Dibble will prepare the draft Airport Layout Plan drawing set and complete the FAA ALP checklists (SOP 2.00 & SOP 3.00) and distribute to the City, FAA, and ADOT for review and comment. Final documents will reflect appropriate responses to comments received on draft materials from all reviewing agencies. This task includes time needed for revisions, as well as coordination between the Airport and FAA during the submittals process.

11.3 Draft and Final Master Plan Report

Dibble will prepare the draft Master Plan report and distribute electronically to the City, PAC, FAA, and ADOT for review and comment. Comments received will be incorporated and distributed to the City for review prior to the final report publication. **Dibble** will also assemble review comments and public input from the public involvement program and will incorporate them into the final report, as appropriate.

The final Master Plan report will be submitted for approval and adoption by the City. **Dibble** will assist Airport staff with the local adoption process by the Buckeye City Council and Mayor of Buckeye. Appropriate copies of minutes or other documentation describing the municipalities' action to adopt the Master Plan Study and associated ALP Drawing Set will be provided to the FAA.

Dibble will provide two (2) hard copies of the final Master Plan and ALP Drawing Set to the City. Additionally, digital copies will be provided on a thumb drive or through electronic file transfer containing the full report, appendices, and ALP drawing set. The FAA requires one (1) hard copy of the Final Report and ALP set for their files, as well as digital copies (in PDF format). At this time, ADOT only requires electronic copies of the final report and ALP set.

11.4 Executive Summary

Dibble will prepare an Executive Summary of the Airport Master Plan Study, summarizing the results of the analysis and outcomes. The format of the Executive Summary is to be determined, but it will be like other Master Plan Study documents. The Executive Summary

will be prepared as a stand-alone document and provided electronically to Airport staff for printing and distribution as needed, unless hard copies are specifically requested.

Summary of Work Product Deliverables

Work products prepared by Dibble or its Subconsultants at various stages throughout the Study are summarized in **Table 2**. All deliverables intended for public use will be in a format that can be uploaded to the City or Airport website.

Table 2 – Summary of Work Product Deliverables

Deliverables	City	PAC	FAA	ADOT
Draft Working Paper 1 (electronic)	1	1	-	-
BXK Aviation Activity Forecasts Technical Memorandum (electronic)	1	-	1	-
Draft Working Paper 2 (electronic)	1	1	-	-
Draft Working Paper 3 & Draft Recycling Plan (electronic)	1	1	-	-
Draft ALP Drawing Set (electronic)	1	1	1	1
Final ALP Drawing Set (hard copy - signed)	2	-	1	-
Final ALP Drawing Set (electronic – signed)	1	-	1	1
Draft Final Master Plan Report (electronic)	1	1	1	1
Draft Executive Summary (electronic)	1	-	-	-
Final Master Plan Report (electronic)	1	-	1	1
Final Master Plan Report (hard copy)	2	-	-	-
Final Executive Summary (electronic)	1	-	1	1

Exceptions and Assumptions for this Scope of Work

- Dibble assumes that all information provided related to the Airport's current based aircraft count and annual operations are up-to-date and that the Airport has input their current based aircraft count into the FAA's Based Aircraft Registry at www.basedaircraft.com
- This scope of work does not include an actual property survey. All property boundary description information (i.e., metes and bounds, township/range/section, lot and block, plat or other appropriate property description) will be collected via the County Recorders Office or provided from the appropriate City department to the Consultant.
- A physical waste sort and inventory will not be conducted as a part of the Recycling and Waste Reduction Management Plan.
- A Study-specific website will not be created as a part of the project. All documents and announcements of the Airport Mater Plan will reside on the Airport's existing website. Dibble will provide all documents and text related to the Airport Master Plan and the City IT or other designated department will be responsible for its upload to the Airport's webpage.

Attachments:

NV5 Geospatial - scope of work

SWCA Environmental Consultants - scope of work

Genesis Consulting Group - scope of work

END OF SCOPE OF WORK

Firm: Dibble
On-call Planning
Project: **Buckeye Municipal Airport**
Airport Master Plan

Date: 10/19/2021

Contract Number: 2017-013-001
Project Number: 1018029
Task Number: 4
Amendment Number: n/a

Summary	Total	Dibble	Subs

A. PLANNING PHASE SERVICES

1. Planning Phase Services	Fee	Type	Fee	Fee
1 Dibble Fee	$338,727.00	Lump Sum	$338,727.00	
2 Dibble Direct Expenses	$2,632.00	Direct Expense	$2,632.00	
3 NV5 Spatial/Qauntum Spatial	$79,888.00	Lump Sum		$79,888.00
4 Genesis Consulting Group, LLC	$24,938.00	Lump Sum		$24,938.00
5 SWCA Environmental Consultants	$24,060.00	Lump Sum		$24,060.00
TOTAL	***$446,185.00***		*$341,359.00*	*$104,826.00*

Firm: Dibble

Contract Number: 2017-013-001
Project Number: 1018029
Task Number: 4
Amendment Number: n/a

Project: **Buckeye Municipal Airport**
Airport Master Plan

Date: 10/19/21

DERIVATION OF FEE PROPOSAL SUMMARY

BASIC FEE

	Classification	Labor hours	2018-2019 Billing Rate	Total Costs	
1	Principal	20	$294.00	$5,880.00	
2	Senior Project Manager	395	$205.00	$80,975.00	
4	Senior Planner	812	$205.00	$166,460.00	
5	Senior Designer	436	$142.00	$61,912.00	
6	Project Engineer	52	$169.00	$8,788.00	
7	QA/QC Manager	37	$192.00	$7,104.00	
8	Marketing Specialist	36	$111.00	$3,996.00	
9	Administrative Assistant	43	$84.00	$3,612.00	
	Total	1,831	hrs		

a. Total Labor..... $338,727.00

ALLOWANCE FOR DIRECT COSTS AND SUBCONSULTANTS

	Item		Cost	
1	Direct Expenses (Dibble).....	$	2,632.00	LS
2	NV5/Quantum Spatial	$	79,888.00	LS
3	Genesis Consulting Group, LLC.....	$	24,938.00	LS
4	SWCA Environmental Consultants.....	$	24,060.00	LS

f. Sub-Total Allowances for Direct Costs..... **$131,518.00**

TOTAL FEE

h. Total Estimated Cost to Consultant..... $470,245.00

Firm: Dibble

Project: **Buckeye Municipal Airport**
Airport Master Plan

Date: 10/19/2021

Contract Number: 2017-013-001
Project Number: 1018029
Task Number: 4
Amendment Number: n/a

ESTIMATED LABOR HOURS

ELEMENT/TASK	Principal	Senior Project Manager	Senior Planner	Senior Designer	Project Engineer	QA/QC Manager	Marketing Specialist	Administrative Assistant	TOTAL HOURS
1. Project Management & Administration									
1.1 General Project Management Admin		60	4						64
1.2 Project Kickoff Meeting	1	6	12						19
1.3 Sponsor & FAA/ADOT Coordination		22	18						40
1.4 Buckeye Airport Specific Area Plan Meetings		24	24						48
2. Public Involvement Program									
2.1 Study Committee Meetings	2	40	40	10				4	96
2.2 Outreach & Communications Plan	1	18	16						35
3. Inventory of Existing Conditions									
3.1 Existing Conditions Site Visit		8	8						16
3.2 Data Collection & Review		8	48	12					68
3.3 Existing Land Use and Zoning Inventory		2	12	10					24
3.4 Environmental Resources Overview		24	40	16					80
3.5 Climate and Wind Data Collection and Analysis			12	6		4			22
4. Aerial Imagery Acquistion & AGIS Coordination									
4.1 Coordination with NV5 Spatial and FAA		8	24	16					48
5. Forecasts of Aviation Activity									
5.1 Historical and Existing Activity Data Collection		4	10						14
5.2 Aviation Activity Demand Projections		2	32					6	40
5.3 Critical Aircraft Determination		2	10						12
5.4 Coordination and Approval of Forecasts		2	6			2		4	14
6. Facility Requirements and Capacity Analysis									
6.1 Standard FAA Capacity Analysis		4	24	4					32
6.2 FAA Design Standards Review/Evaluation		6	18						24
6.3 Airfield Facility Requirements		12	48	24					84
6.4 Landside and Support Facility Requirements		4	26	24					54
6.5 Analysis of Business Opportunites		4	8			1			13
7. Alternatives Development & Recommendations									
7.1 Alternatives Development Process		18	36	16					70
7.2 Preferred Development Alternative	1	16	24	40		4			85
8. Airport Layout Plan Drawing Set									
8.1 Draft ALP Drawing set	1	16	42	120		8			187
8.2 Final ALP Drawing Set		4	24	80		4			112
8.3 Public Airport Disclosure Map		2	12	20					34
9. Implementation Plan & Funding Analysis									
9.1 Prepare Probable Costs	1	4	10	8	40	4			67
9.2 Implementation Schedule and ACIP		2	24		12				38
9.3 Evaluate Funding Sources		6	12						18
10. Recycling and Solid Waste Management Plan									
10.1 Background and Data Collection		2	8						10
10.2 Draft R&SW Management Plan		2	40						42
10.3 Final R&SW Management Plan		1	4			2			7
11. Documentation									
11.1 Working Papers, Memos, & Meeting Materials	8	40	80	12		4	8	24	176
11.2 ALP Set Coordination & Printing		4	12	8		2		4	30
11.3 Draft & Final Master Plan Report	4	16	32	8		1	4		65
11.4 Executive Summary	1	2	12	2		1	24	1	43
TOTALS	20	395	812	436	52	37	36	43	1,831

Firm:	Dibble	Contract Number:	2017-013-001
		Project Number:	1018029
Project:	**Buckeye Municipal Airport**	Task Number:	4
	Airport Master Plan	Amendment Number:	n/a
Date:	10/19/2021		

ESTIMATED ALLOWANCE FOR DIRECT COSTS

2. DIRECT EXPENSES

a.	26 Trips (PM & Sr Planner)	90 Miles	@	$0.445	/Mile	$1,041
b.	Display Boards for Public Meetings	10 Display Boards	@	$50.00	each	$500
c.	Public Meeting Refreshments	3 Meetings	@	$50.00	per mtg	$150
d.	Final ALP set & Report Printing	5 Sets/Reports	@	$75.00	per item	$375
e.	6 Trips (PM & Sr. Planner) Buckeye Air Fair	90 Miles	@	$0.445	/Mile	$240
f.	Buckeye Air Fair materials	5 Display Boards	@	$50.00	each	$250
g.	Buckeye Air Fair misc supplies	3 days	@	$25.00	per day	$75
					TOTAL	**$2,632**

September 15, 2021

Charles McDermott
Dibble Engineering
7878 N 16th St, Suite 300
Phoenix, AZ 85020

Project: 039869 | Aeronautical Obstruction Survey – Buckeye Municipal Airport (BXK)

Dear Mr. McDermott,

This summary of work describes our understanding of the scope of work and services required for an aeronautical obstruction survey and Airport Layout Plan update at the Buckeye Municipal Airport (BXK) located in Buckeye, AZ. The project will be done in compliance with Airports GIS Program policies and will include an airport airspace analysis for vertically guided operations for existing Runway 17/35. The Advisory Circulars identified below detail the data collection requirements and accuracies for the project and the verification process by the Federal Aviation Administration (FAA) and the National Geodetic Survey (NGS).

- AC 150/5300-16B "General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey"
- AC 150/5300-17C, Change 1 "Standards for Using Remote Sensing Technologies in Airport Surveys"
- AC 150/5300-18B, Change 1 "Survey and Data Standards for Submission of Aeronautical Data Using Airports GIS

Summary of Work

We understand that the purpose of this project is to accomplish an FAA Airport Airspace Analysis Survey for all surfaces defined in FAA Advisory Circular 150/5300 - 18B: Section 2.7.1.1 Runways with Vertical Guidance and to create planimetric and topographic for the airport property.

For this project, we will acquire new vertical stereo digital imagery at a physical image scale of 1"=2,500 of the obstruction surface areas and 1"= 1,250' of the airport property. The aerial imagery will cover all of the VG Airspace Analysis surfaces using an UltraCam Falcon Prime (UCFp), or comparable, during leaf-on conditions.

From the 1"=2,500 imagery, we will produce the following:

- Limited landmark feature planimetric mapping
- Color digital orthophotos with a 1.0' pixel resolution
- Identification and mapping of obstruction obstacles for all of the VG surfaces

From the 1"= 1,250 imagery, we will produce the following:

- 100 scale mapping with 2' contours of the existing airport property (808 acres)
- Identification and mapping of obstruction obstacles for the VGRPS, VGPCS, VGPS & NVGPS surfaces

The online SOW will be prepared during project initiation with input from the airport, client and Quantum Spatial. Quantum Spatial will be responsible for preparation and submittal of the Survey and Quality Control Plan, Imagery Acquisition Plan, Imagery Acquisition Report and all associated data files as required for submission to the FAA Airport Data and Information Portal (ADIP).

Quality Standards

The project has been designed to conform to the National Map Accuracy Standards for 1"=100' scale planimetric feature collection, two foot contours and six and twelve inch orthophoto production. In addition, we ensure that the photogrammetric mapping will meet all FAA and NGS standards. We will exercise reasonable care and will conform to the standards of practice ordinarily used by the photogrammetric profession.

Project Area

The project area encompasses all of Buckeye Municipal Airport (BXK) inclusive of the obstruction surfaces as defined in AC 150/5300-18B.

Control Surveying

The aerial photography will be completed with ABGPS control which will be used for the base control for the geo-referencing of the aerial imagery. Quantum Spatial will process the ABGPS data using COR stations and reference it to the project control datums:

Horizontal: North American Datum of 1983/2011 (NAD 83(2011)), in the AZ State Plane Coordinate System, Central Zone in International survey feet.
Vertical: North American Vertical Datum of 1988 (NAVD 88)

QSI will complete all of the remaining on-site ground control surveys, including:

- Geodetic control validation of the existing airport PACS and SACS stations or establish temporary airport control according to the guidelines established in AC 150/5300-16B
- Establishing all necessary photo-identifiable ground control and FAA mandated check-points required to validate the ABGPS and IMU control. Quantum Spatial will provide information on the specific locations of the required control and check points.
- Collection of all the airport runway end positions
- Collection of vertical profiles for all runways
- Collection of the position, elevation, and where required the appropriate navigational aid perpendicular point of all electronic and visual navigational aids (NAVAIDS) located on the airport and associated with any current instrument approach servicing the airport
- All other tasks, not specifically listed above, as outlined in FAA AC-18B, Table 2-1 "Airport Layout Plan"
- Final Survey Report

Photogrammetric Mapping

We will collect the features designated in the attachment at 1"=100' scale mapping within the mapping limits identified in the attached exhibit. We will build a digital terrain model (DTM) by collecting masspoints and breaklines. These DTM elements will be used to construct a triangulated irregular network (TIN) surface from which 2' contours will be interpolated. Contours will be dashed in areas where the ground is obscured by trees, dense brush, deep shadows or other obstructing features. Dashed contours indicate a lower level of accuracy. Additional field surveys should be performed in areas of dashed contours prior to design. All contours will be continuous polylines. The final data will be delivered in ESRI Shapefile format (FAA) and ESRI Shapefile and AutoCAD format (Dibble).

Orthophoto Mapping

We will use the control solution and imagery to generate a Digital Elevation Model (DEM) of the VG surfaces. The imagery will be processed into color digital orthophotos using the aforementioned DEM to rectify the images. Orthophotos for the entire project area will be developed with a 1.0' pixel resolution and for the airport property, with a 0.5' pixel resolution. Orthos will be delivered in a GeoTIFF file format.

18B Obstruction Surveys

The Obstructions Surfaces to be uploaded to ADIP will satisfy the requirements of AC 150/5300-18B:

- 2.7.1.2 Analysis of EXISTING Runway 17/35 with Vertically Guided Operations
  (Surfaces include the VGRPS, VGPCS, VGAS, VGPS, VGATS, VGHS and VGCS)

The specific types and quantities of obstructions for each surface are outlined and clearly defined for the particular surface in each circular section. Any obstructions that meet the requirement of the circular, but are of a nature that elevations at the highest point of the obstruction are virtually impossible to read through photogrammetric methods (cell tower, electrical tower, etc.), will be identified and relayed to the surveyor to initiate field surveyed elevations for the obstruction.

The obstruction delivery will include the limited landmark planimetric feature collection.

The final data will be uploaded to ADIP in ESRI Shapefile format.

Deliverables

QSI will submit all data collected and associated required deliverable in the formats specified in the appropriate advisory circulars to the FAA Office of Airports, Airports Surveying-GIS Program. All data submissions to the FAA will be through the program's web site at http://airports-gis.faa.gov.

The AC 150/5300-17C project data deliveries that will not be submitted through the web site will be delivered on external hard drives or DVDs.

The 18B deliverables that will be uploaded to ADIP include:

- Imagery Plan and Survey and Quality Control Plan
- Image Delivery (sent to FAA)
- Color digital orthophotos (sent to FAA)
- Digital limited landmark detail outside the airport
- Obstruction survey data for **EXISTING** Runway 17/35
- Photogrammetrically derived and surveyed attributes in defined format
- Surveyed ends and profile for each runway
- NAVAID data
- FGDC compliant metadata
- Final Report

We will deliver the following items to Dibble:

- Two foot contours and planimetrics in Civil 3D format format
- Color digital orthophotos with a 1.0' pixel resolution in GeoTIFF (project area)
- Color digital orthophotos with a 0.5' pixel resolution in GeoTIFF (airport property)
- 2 color enlargements (30"x40") covering the airport and surrounding area (mounted/laminated/framed)

All digital files will be delivered on external hard drive, FTP or CD/DVD.

Cost and Payment Terms

Compensation for the above services will be provided as a lump sum cost of U.S. $79,888.00.

Client Responsibilities

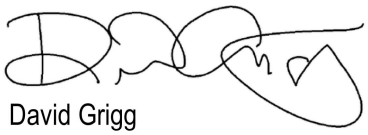
The successful and timely completion of this project is dependent upon a number of elements and work tasks, some of which involve participation by Dibble. You will be responsible for designating a representative for the project who will have the authority to transmit instructions, receive information, and make timely decisions with respect to the services provided by Quantum Spatial.

Quantum Spatial Representative

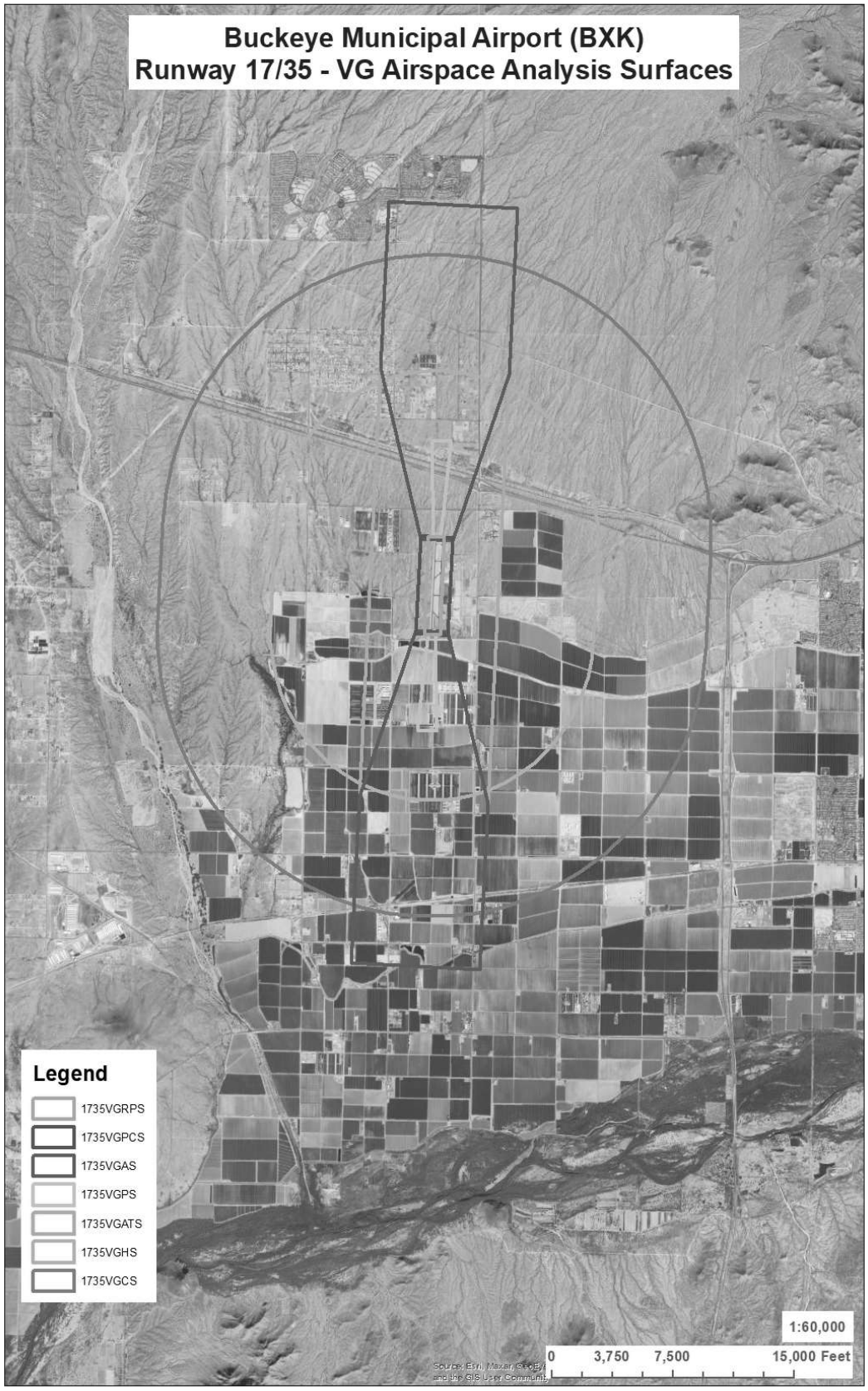
Jill Mahoney, Project Manager and Marlin Zook, Technical Manager, will represent us during the performance of the services to be provided under this agreement. Each has the authority to transmit and receive instructions and make decisions with respect to the services. Each is authorized to commit the necessary resources towards completing the services described herein.

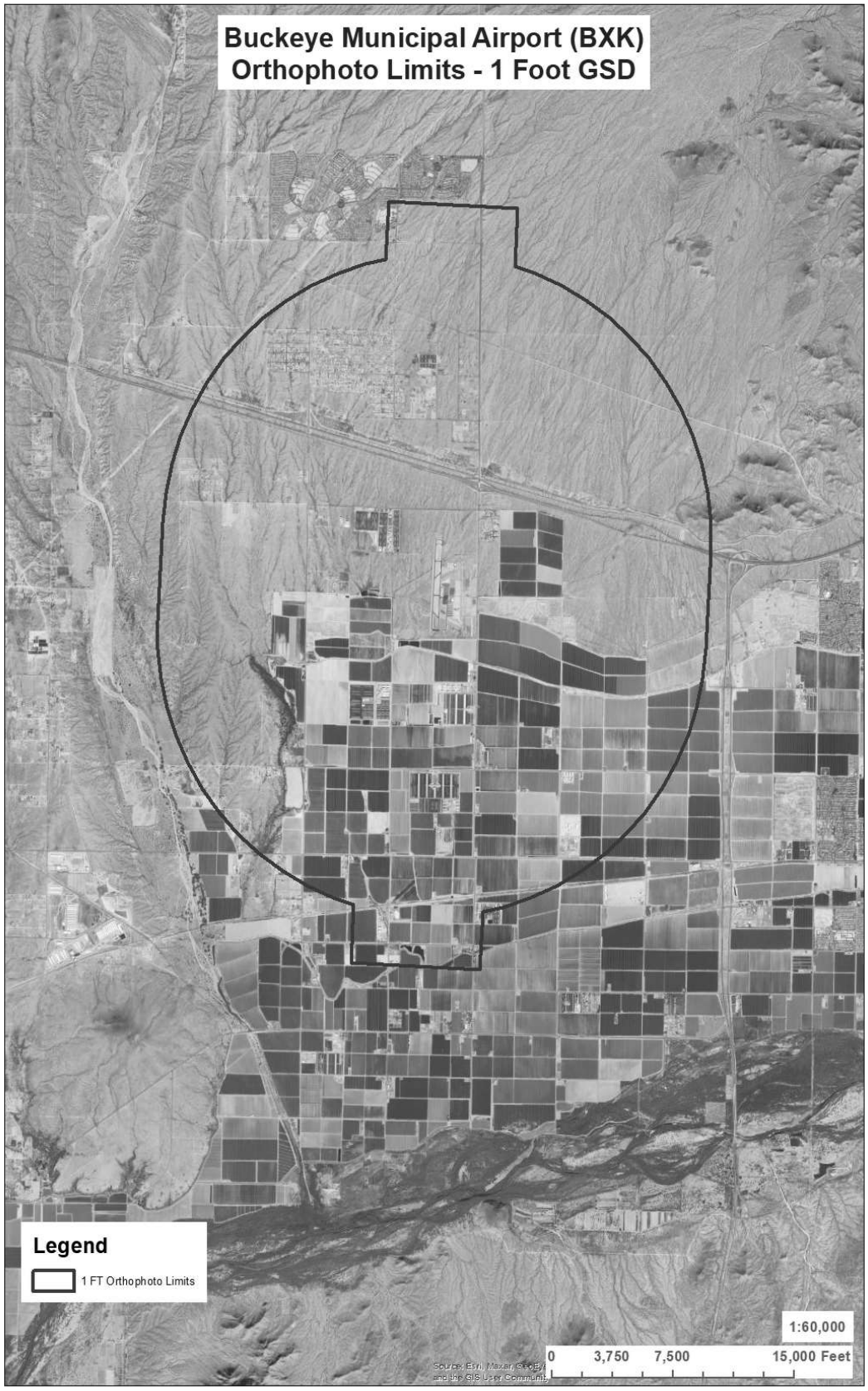
We look forward to working with you and your staff to complete this project in a timely and cost effective manner. Should you have any questions, please call me at 803-351-3136 or email me at the address shown below.

Sincerely,
Quantum Spatial, Inc.



David Grigg
Aviation Program Director
dgrigg@quantumspatial.com


Buckeye Municipal Airport (BXK)
Runway 17/35 - VG Airspace Analysis Surfaces
Legend
1735VGRPS
1735VGPCS
1735VGAS
1735VGPS
1735VGATS
1735VGHS
1735VGCS
1:60,000
0 3,750 7,500 15,000 Feet
Source: Esri, Maxar, GeoEye, and the GIS User Community


Buckeye Municipal Airport (BXK)
Orthophoto Limits - 1 Foot GSD
Legend
1 FT Orthophoto Limits
1:60,000
0 3,750 7,500 15,000 Feet
Source: Esri, Maxar, GeoEye, and the GIS User Community


Buckeye Municipal Airport (BXK)
Mapping Limits - 1"=100' Plan with 2 Foot Contours
Legend
Mapping Limits
1:12,000
0 750 1,500 3,000 Feet


Buckeye Municipal Airport (BXK)
Orthophoto Limits - 0.5 Foot GSD
Legend
HALF FT Orthophoto Limits
1:12,000
0 750 1,500 3,000 Feet

Scope of Work
Airport Master Plan – Analysis of Business Opportunities
Buckeye Municipal Airport

Genesis Consulting Group, LLC (Genesis), as a Subconsultant to Dibble, will conduct a business analysis and evaluation to identify the aviation businesses and airport intensive industries that are best suited for both the community (based upon economic/demographic profile) and the Airport (based on capabilities and infrastructure). Furthermore, Genesis will identify the existing relevant attributes of the Airport and will also identify national and local trends in general aviation, as well as current and forecasted Airport/area usage patterns. Based on the revised aviation demand forecasts prepared as part of Element 5 and on City/Airport input, this task will also analyze proposed businesses for the Airport, identify specific industries, and evaluate factors that will be relevant to the success of those ventures. Based upon these factors, and those outlined in previous tasks, target business types and activities for both airside and landside development will be identified. Major elements of this process will include the following:

Document Development Outline

Situational Analysis
A current operational evaluation of airport facilities and services, developable space, analysis of existing service area, and traditional markets.

General Aviation, Commercial Airline and Air Cargo Services
Evaluation of current and future opportunities for GA activities including critical passenger service, flight training, and personal flying operations. Additionally, evaluate the airports capability to attract and accommodate additional services such as a Corporate Jet Center, Emergency service aviation, Scheduled commercial airline service, commercial charter services, and air cargo and package services.

Opportunities for Corporate and Facility Development
Analysis of airside and adjacent landside development locations providing office, research & development, and warehousing space, with access primarily to local, intrastate and some interstate markets.

MRO Development, Maintenance and Storage Hangar Development
Evaluate opportunities for major maintenance facilities and support operations along with large aircraft storage options.

Airport Concessions and Small Business
Airports often support opportunities for smaller business entities such as restaurants, rental car facilities, bookstores, and shops. This element will evaluate the potential and demand for such concessions at Buckeye Municipal Airport.

Emerging Technologies
Currently the world is experiencing a major surge in new transportation systems or "emerging technologies" that include everything from autonomous ground and air vehicles to VTOL local air systems, to UAS or "drone" systems for the movement of people and cargo. Many of these "emerging technologies" can be a good fit for the airport environment. This section will analyze some of the opportunities that could be accommodated at Buckeye Municipal Airport.

Summary
Based on the evaluation of factors shown above, target business types and activities for both airside and landside development will be identified, and recommendations made for their inclusion in future Buckeye Municipal Airport planning efforts.

Deliverables

Dibble will perform a QA/QA review of draft and final documents and incorporate into the Airport Master Plan. Deliverables include:

1 Draft Document
1 Final Document

Buckeye Municipal Airport
Airport Master Plan
Business Opportunity Analysis

Attachment 3

ELEMENT 6 - ANALYSIS OF BUSINESS OPPORTUNITIES	Project Principal $199.58	Dollars	Senior Planner $184.14	Dollars
Task 6.5 Analysis of Business Opportunities				
- Situational Analysis	4	$798.32	16	$2,946.24
- General Aviation, Commercial Airline and Air Cargo Services	4	$798.32	16	$2,946.24
- Opportunities for Corporate and Facility Development	4	$798.32	16	$2,946.24
- MRO Development, Maintenance and Storage Hangar Development	4	$798.32	16	$2,946.24
- Airport Concessions and Small Business	4	$798.32	16	$2,946.24
- Emerging Technologies	4	$798.32	16	$2,946.24
- Business Opportunities Summary	5	$997.90	8	$1,473.12
Sub Total	29	$5,787.82	104	$19,150.56
Total	**$24,938.00**			

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www.swca.com

October 18, 2021

Charlie McDermott
Senior Airport Project Manager
Dibble Engineering
7878 North 16th Street, Suite 300
Phoenix, Arizona 85020-4669

Re: Buckeye Municipal Airport Cultural Resources Inventory

Dear Charlie:

SWCA Environmental Consultants (SWCA) appreciates the opportunity to provide you with our scope of work and cost estimate to complete a cultural resources inventory of the Buckeye Municipal Airport in Maricopa County, Arizona, in preparation for a new Airport Master Plan. It is our understanding that this project will require the following: 1) a Class I cultural resources records review; 2) a Class III pedestrian cultural resources survey; and 3) a report that meets the requirements of the Federal Aviation Administration, the Arizona State Museum, and the Arizona State Historic Preservation Office.

The cost to complete these tasks, as described in the attached scope of work, is a **Fixed-Fee** total of **$24,060**. SWCA can begin work immediately upon successful execution of a contract and receipt of notice to proceed from Dibble Engineering. We understand that this project would fall under our on-call contract with the airport and the rates associated with the on-call. The cost estimate is valid for 3 months, after which time we reserve the right to create a new cost estimate.

Thank you for providing us with the opportunity to work with you. If the scope of work and cost estimate are acceptable to you, please provide us with contractual arrangements. After receipt of a signed contract, we will be able to start work immediately. Please contact me at egladding@swca.com or (520) 348-3384 if you have any questions regarding this proposal.

Sincerely,

Eleanor R. Gladding

Eleanor Gladding
Senior Biologist/Project Manager

SCOPE OF WORK

CULTURAL RESOURCES SURVEY

SWCA Environmental Consultants (SWCA) will conduct a cultural resources inventory of the approximately 780-acre project area, which consists of the existing and northern ultimate extent of the Buckeye Municipal Airport, Buckeye, Maricopa County, Arizona. SWCA understands that the project area consists of Arizona State Land Department State Trust land and City of Buckeye–managed land in Sections 8, 17, and 20, Township 1 North, Range 4 West (Gila and Salt River Baseline and Meridian).

The cultural resources inventory includes three components: a Class I cultural resources records review, fieldwork, and report preparation. These three components are detailed below.

CLASS I CULTURAL RESOURCES RECORDS REVIEW

Prior to undertaking fieldwork, SWCA will conduct a cultural resources records review (Class I) to identify any previously conducted cultural resources projects, previously recorded archaeological sites, and any National Register of Historic Places (NRHP)-listed buildings and structures within 1.0 mile of the project area. This research will include a review of the AZSITE database, which contains records from the Arizona State Historic Preservation Office (SHPO), Arizona State Museum (ASM), Arizona State University, and Bureau of Land Management. Additional background research sources include General Land Office plat maps, historic-era topographic quadrangles, aerial photographs, and the NRHP database. The results of the records search will be summarized in the survey report described below. Copies of the previously conducted survey reports will be obtained and provided to the client.

CLASS III PEDESTRIAN CULTURAL RESOURCES SURVEY

Prior to field survey, SWCA will file a notice of intent to survey state/municipal lands with the ASM under authority of SWCA's Arizona Antiquities Act (AAA) permit. Next, SWCA archaeologists will conduct a full-coverage pedestrian cultural resources survey (Class III) of the unpaved portions of the project area and a judgmental reconnaissance survey of the paved portions, adhering to survey methods established by the ASM. The archaeologists will examine the project area for the presence of archaeological artifacts, sites, and historic buildings/structures. Any previously identified archaeological sites will be updated and mapped, with significant changes in site characteristics described. Newly discovered archaeological sites will be mapped to scale and fully recorded in accordance with ASM and SHPO guidelines. Historic-era buildings and structures, if present, will be photographed. SWCA will evaluate the significance of all identified historic and prehistoric resources in terms of their eligibility for listing in the NRHP.

REPORT PREPARATION

Once fieldwork is complete, SWCA will prepare a report summarizing the results of background research and the survey. The report will evaluate the NRHP eligibility of all cultural resources identified in the project area and provide recommendations regarding the management of any significant cultural resources in the project area. The report will be prepared in a format acceptable to the Federal Aviation Administration and in accordance with current ASM and SHPO reporting standards.

COST ESTIMATE AND ASSUMPTIONS

Total cost to complete the cultural resources inventory: $24,060.

ASSUMPTIONS

- If for any reason the field crew is not able to access the project area as a result of access restrictions, additional costs could be incurred beyond the amount proposed herein.
- The cost includes the registration and curation fees with the ASM.
- Four archaeological sites are estimated to be identified and documented during fieldwork. No (0) in-use historic structures are estimated to be identified and documented during fieldwork. The documentation of additional sites or historic structures would require additional funds to complete.
- Deliverables will be provided to the client in electronic (PDF) format; no printed reports will be provided.
- This scope of work includes a single round of revisions to the report text. Any other reviews or revisions can be completed for an additional cost.
- SWCA will submit final deliverables to the ASM in accordance with ASM's submittal requirements.
- Any task not expressly described herein is not included in the proposed cost.

Task order 1 COB Airport Master plan 2017-013-001

Final Audit Report 2021-11-30

Created:	2021-11-30
By:	Purchasing Buckeye (purchasing@buckeyeaz.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAMjnComlqJkn8BKQqdSHSdAE1_AW_v1mD

"Task order 1 COB Airport Master plan 2017-013-001" History

Document created by Purchasing Buckeye (purchasing@buckeyeaz.gov)
2021-11-30 - 3:18:22 PM GMT- IP address: 174.78.95.30

Document emailed to Ryan Toner (ryan.toner@dibblecorp.com) for signature
2021-11-30 - 3:20:06 PM GMT

Email viewed by Ryan Toner (ryan.toner@dibblecorp.com)
2021-11-30 - 3:20:28 PM GMT- IP address: 70.190.90.138

Document e-signed by Ryan Toner (ryan.toner@dibblecorp.com)
Signature Date: 2021-11-30 - 3:21:27 PM GMT - Time Source: server- IP address: 70.190.90.138

Agreement completed.
2021-11-30 - 3:21:27 PM GMT

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.L. Community Center Kitchen Remodel and Addition
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 2
STAFF LIAISON: Chris Williams, Construction and Contracting Manager, cwilliams@buckeyeaz.gov, (623) 349-6225	
DEPARTMENT: Construction and Contracting	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on the Construction Contract (No. 2022012) between the City of Buckeye, an Arizona municipal corporation, and GCON, Inc., an Arizona corporation, to provide labor, materials, and equipment required for the expansion of the Buckeye Senior Center Kitchen and remodeling of the existing kitchen; and authorizing the Mayor to execute and deliver said Contract on behalf of the City.

RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

ADDITIONAL RELEVANT GOALS:
GOAL 2: Enhanced Economic Well-Being and Vitality

SUMMARY

PROJECT DESCRIPTION:
This project will expand the Buckeye Senior Center Kitchen and remodel the existing kitchen at the east and south sides of the building. This project will add approximately 1,500 square feet onto the building and remodel 560square feet. The Scope of Work includes but is not limited to HVAC, flooring, electrical, gas connection, and plumbing. ADA accessibility, and other furniture fixtures and equipment are included in the Scope of Work, A solicitation was issued on September 9, 2021 and bids were due on October 14, 2021. The following three contractor submitted bids:

AP Southwest, LLC dba Adolfson & Peterson Construction $1,798,110.48

AW Contracting $1,987,866.00

GCON, Inc.$1,725,045.00

GCON, Inc. is the lowest most responsive and responsible bidder and best suited to be awarded the contract for this project.

BENEFITS:
Visitation and demand for meals/services at the Community Center has increased with the population growth in Buckeye, which results in the need for the expansion and remodel.

FUTURE ACTION:
None

FINANCIAL IMPACT STATEMENT:
This project is partially funded by a grant from the Community Development Block Grant from HUD and monitored by Maricopa County. Amount of Grant is $600,000. The balance of the project will be funded by the General Fund.

CURRENT FISCAL YEAR TOTAL COST:
$1,725,043.00

BUDGETED:
Yes

FISCAL YEAR:
2022

FUND/DEPARTMENT:
CIP2020019 50214150-543113

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:
GCON, Inc. Contract No. 2022012 Part 1
Contract Part 2.pdf
Mao.pdf

CONSTRUCTION CONTRACT
BETWEEN
CITY OF BUCKEYE
AND
GCON, INC.

CONTRACT NO. 2022012

THIS CONTRACT is entered into between the CITY OF BUCKEYE, an Arizona municipal Corporation ("City") and GCON, Inc., an Arizona corporation ("Contractor"). The terms of this Contract are to be construed consistently with the other Contract Documents enumerated in Article 1 of the General Conditions of the Construction Contract.

In consideration of the mutual promises of the parties, the City and the Contractor agree as follows:

1. THE WORK: The Contractor shall furnish all labor, materials, equipment and services required for the remodeling and expansion of the Buckeye Senior Center Kitchen, pursuant to Exhibit C.

2. CONTRACT TIME: The Contractor shall commence Work only if and when directly by a written the Notice to Proceed signed by the City. Nothing in this Section shall be construed to prevent the City, at its sole discretion, from issuing a Partial Notice to Proceed. In the event of any conflict between the provisions of this Section and the General Conditions, this Section shall prevail. Substantial Completion, as defined herein, shall be achieved within **One Hundred Sixty (160) calendar days**. In view of the difficulty or impossibility of determining the City's damages from delay, should the Contractor fail to achieve Substantial Completion by that date, as extended by any City approved Change Orders, the Contractor agrees to pay and will pay to City, in addition to all other sums pursuant to the Contract Documents, the sum of **Seven Hundred Ten Dollars and Zero Cents ($710.00)** for each calendar day of delay as liquidated damages for such delay and not as a penalty. This sum may be withheld from the balance of the Contract Price as it becomes due. Should liquidated damages exceed the Contract Price due or to become due, then the Contractor shall pay the City the difference within 3 days of receipt of written demand.

3. CONTRACT PRICE: Subject to increases and decreases for Change Orders in accordance with the Contract Documents, the City shall pay to the Contractor the following Contract Price, in progress payments as provided in the Contract Documents: **One Million, Seven Hundred Twenty Five Thousand Forty-Three Dollars and Zero Cents ($1,725,043.00)** pursuant to Exhibit D.

4. SUPPLEMENTAL TERMS AND CONDITIONS: The following supplemental terms and conditions and/or documents are part of this Contract:
Exhibit A: General Conditions of the Construction Contract.
Exhibit B: Special Provisions.
Exhibit C: Technical Specification and Plans.
Exhibit D: Bid Forms.

THEREFORE, the City of Buckeye by its Mayor and City Clerk have hereunto subscribed their names this _____.

CITY
THE CITY OF BUCKEYE, ARIZONA
an Arizona Municipal corporation

By: _____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda Aja, City Clerk

RECOMMENDED:

CA Williams
_____
Christopher A. Williams,
Manager, Construction & Contracting

APPROVED AS TO FORM:

_____
City Attorney

CONTRACTOR:
GCON, Inc.
an Arizona corporation

Tiffany Fisher
_____
Tiffany Fischer, Executive Vice President

EXHIBIT A
GENERAL CONDITIONS

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GENERAL CONDITIONS

ARTICLE 1
GENERAL DEFINITIONS

"Addenda" means clarifications or changes in the Work provided to bidders in writing prior to the public bid on the Contract.

"Contract Documents" or "Contract" means the Construction Contract between City and Contractor, the General Conditions of the Construction Contract, any Supplemental Conditions of the Construction Contract, the Drawings, the Specifications, the Performance and Payment Bonds, the Project Manual, Addenda and Modifications.

"Date of Substantial Completion" shall be the date certified by the City that the work is in the Condition defined herein as substantial completion.

"Day" means calendar day unless specifically otherwise provided herein or by law.

"Modifications" means Change Orders signed by the City, or other written amendments signed by both the City and the Contractor at or after the execution of the Contract, or the City's written interpretations or directions for minor changes in the Work. A “minor change” is defined as one having no impact on cost or time or the City’s approved design intent, as determined by the City.

"Project" means all components of the improvements to be constructed for the City, regardless of whether the Work is all or only a part.

"Project Manual" means the written volume so titled which includes the bid documents, sample forms, specifications, and description of the project.

"Substantial Completion" means the Contractor's work is sufficiently complete in accordance with the Contract Documents so that the City can occupy or utilize the work or designated portion thereof for the use for which it is intended.

"Work" consists of all labor (including supervision), materials, equipment, supplies and other items reasonably required to construct all or a portion of the Project according to the Contract Documents.

ARTICLE 2
INTENT

A. The Contract represents the entire and integrated agreement between the City and the Contractor, and it supersedes all prior oral or written negotiations, representations or agreements. The Contract may only be changed by written modifications, and the Contractor understands and agrees that if the Contractor proceeds with any work upon verbal request only, Contractor is agreeing by his conduct that such work, or change in the work, constitutes a minor change.

B. The Contract Documents are to include all items reasonably necessary to construct the Work, expressly or by inference. Words and abbreviations which have well-known technical or trade meanings are used in the Contract Documents in accordance with such recognized meanings.

ARTICLE 3
CONTRACTOR

A. The Contractor is the individual or legal entity identified in the Contract Documents who is licensed to perform the Work under the laws of the State of Arizona. The Contractor shall only use duly licensed Subcontractors in connection with the Work, subject to the provisions for City approval contained in the Contract Documents.

ARTICLE 4
OTHER CONTRACTORS AND COOPERATION

A. The City reserves the right to award other contracts related to the Project, or to perform certain work itself. Such other work may or may not be known to the City or disclosed to the Contractor prior to bidding this project. The Contractor shall afford the City and other contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their work, and shall properly coordinate its Work with theirs in such manner as the City may direct. The Contractor shall also assure at its own cost reasonable access of other contractors to the site and their work.

B. Upon request of the Contractor, the City will provide the Contractor with a copy of all plans, specifications, schedules and other data relating to other contracts or work. The Contractor shall thoroughly examine these documents and shall within three (3) days of completing such examination notify the City in writing of any conflicts with the Work to be performed by the Contractor. In no event shall such notice be given so late as to interfere with or delay the work to be performed by the Contractor. Failure of the Contractor to request, review, or provide written notice as provided above shall constitute a waiver of any objections or claims the Contractor may have as a result of the necessity to coordinate the Contractor's work with other activities.

C. Should the Contractor sustain any damage through any act or omission of any other contractor, Contractor shall have no claim or cause of action against the City for such damage and hereby waives any such claim. The Contractor does not waive any claim or cause of action against any other contractor or subcontractor to recover any and all damages sustained by reason of the acts or omissions of such other contractor. The phrase "acts or omissions" as used in this section shall be defined to include, but not be limited to, any reasonable delay on the part of any such other contractor, whether due to negligence, gross negligence, inadvertence or any other cause.

D. Should the Contractor cause damage to the work or property of any other contractor or of the City, the Contractor shall upon receiving due notice, promptly attempt to settle with such other contractor by agreement, repair or otherwise to resolve the dispute. If such separate contractor sues or initiates a proceeding against the City on account of any damage alleged to have been caused by the Contractor, the City shall notify the Contractor who shall, to the furthest extent permitted by law, indemnify and hold harmless for, from, and against defend such proceedings, and if any

judgment or award against the City arises there from the Contractor shall pay or satisfy it and shall reimburse the City for all attorney's fees and court or other costs which the City has incurred.

ARTICLE 5
SITE CONDITIONS AND ENVIRONMENTAL MATTERS

A. The Contractor shall thoroughly acquaint himself with all available information concerning the conditions of the Work and is responsible for correctly and fully estimating the difficulty and cost of successfully performing the Work.

B. The Contractor agrees that it has thoroughly examined the site, plans and specifications, boring data and all other soils information and as-built data made available and by submission of the bid herein avows that it has satisfied itself as to the character, quality and quantity of surface and subsurface materials or existing obstacles to be encountered. The Contractor acknowledges that boring data and other soils information and as-built data made available is only a general indication of materials and/or conditions likely to be found adjacent to holes bored or in existing structures or facilities or other areas. If the Contractor determines that the information is erroneous, inadequate or ambiguous, it shall immediately report its conclusions to the City in writing. If the Contractor determines that the information is erroneous, inadequate, or ambiguous, and after reporting its conclusions to the City, remains dissatisfied or uninformed, the Contractor shall refrain from submitting a bid, or if the Contractor does submit a bid, the Contractor shall be deemed to have waived any claim it may have as the result of the alleged erroneous, inadequate or ambiguous information.

C. The Contractor shall immediately, and before such conditions are disturbed, notify the City in writing of:

1. Subsurface or latent physical conditions encountered at the site which differ materially from those indicated in the Contract and which were not known by the Contractor or could not have been discovered by careful examination and investigation of the information available at bid time and which could adversely affect the timely performance of the Work or its cost; or

2. Unknown and unexpected physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered in the locale or generally recognized as inherent in Work of the character provided for in the Contract.

D. The City shall within ten (10) days, or such other reasonable time as necessary, investigate the conditions discovered. If the City find that conditions are so materially different as to support an equitable adjustment in the Contract Price or the Contract Time, this will be done by written Change Order. If the City determine that no Change Order will be issued, the Contractor shall continue with the Work at no additional cost and under no change in Contract Time.

E. No claim by the Contractor for an increase in the Contract Price or Contract Time hereunder shall be allowed without proper advance notice and an adequate opportunity for the City to investigate.

F. Environmental Matters: Contractor shall provide or cause to be provided a copy of this Section (Environmental Matters) to each Subcontractor and each Sub-subcontractor participating in the Work.

1. Definitions. The following terms will have their respective designated meanings:

"**Environmental Law**" means any and all laws, ordinances, regulations, rules and administrative and court decisions (federal, state and local) now or hereafter in effect and as in effect from time to time and as amended from time to time pertaining to environmental conditions or to protection or regulation of the environment (including, without limitation, the Comprehensive Environmental Response Compensation and Liability Act of 1980, as amended (42 U.S.C. Section 9601, et seq.); the Resource Conservation and Recovery Act of 1976 and the Solid Waste Disposal Act (42 U.S.C. 6901, et seq.); the Toxic Substances Control Act of 1976 (15 U.S.C. Section 2601, et seq.); the Superfund Amendments and Reauthorization Act of 1986, Title III (42 U.S.C. Section 11001 et seq.); the Clean Air Act (42 U.S.C. Section 7401, et seq.); the Federal Water Pollution Control Act (33 U.S.C. Section 1251, et seq.); the Safe Drinking Water Act (42 U.S.C. Section 300f, et seq.); the Hazardous Materials Transportation Act (49 U.S.C. Section 5101, et seq.); the Oil Pollution Act (33 U.S.C. Section 2701 et seq.); the Arizona Environmental Quality Act (Arizona Revised

statutes Section 49-101, et seq.); the Arizona Underground Storage Tank Act (A.R.S. Section 49-1001, et seq.); the Arizona Water Quality Assurance Revolving Fund Act (A.R.S. Section 49-281, et seq.) and any successor statutes to the foregoing and any regulations, rules or guidelines promulgated pursuant thereto.)

"**Hazardous Substance**" means any of the following: (i) any petroleum, oil, gasoline, kerosene, other petroleum product, flammable substance, volatile organic compound, volatile solvent, explosive, asbestos, polychlorinated biphenyl, dioxin, toxic herbicide or pesticide, radioactive material, radon gas and materials containing formaldehyde; (ii) any material, substance or waste now or hereafter defined as or included in the definition of "hazardous substances," "hazardous wastes," "hazardous materials," "extremely hazardous wastes," "extremely hazardous substances," "restricted hazardous wastes," "toxic substances," "regulated substances," "solid wastes," "pollutant," or "contaminant" or words of similar import in any Environmental Law; (iii) any other material, substance or waste now or hereafter classified or regulated as "hazardous" or "toxic" under any Environmental Law; (iv) any material, substance or waste now or hereafter listed in the United States Department of Transportation Table (49 CFR 172.101) or classified by the United States Environmental Protection Agency as "hazardous" (40 CFR Part 302) or in any successor or replacement tables or classifications as in effect from time to time; and (v) any Hazardous Waste.

"**Hazardous Waste**" means "hazardous waste", as defined in the Resource Conversation and Recovery Act of 1976 and the Solid Waste Disposal Act (42 U.S.C. 6901 et seq.) and any successor statutes and any regulations, rules or guidelines promulgated pursuant thereto as in effect from time to time (including, without limitation, any such waste resulting from removal of, demolition of, modifications of or additions to part or all of any existing structure, facility or equipment).

"**Contractor Hazardous Waste**" means any Hazardous Waste arising during or from the Work that is generated by the acts or omissions of Contractor, a Subcontractor or any Sub-subcontractor

(including, without limitation, a Contractor Release) and that is not City Hazardous Waste.

"**City Hazardous Waste**" means Hazardous Waste (i) that consists of Hazardous Substances in any existing structure, facility or equipment on City's property or otherwise present on City's property at commencement of the Work, and (ii) that has become Hazardous Waste due to any part of the Work. However, City Hazardous Waste does not include any Hazardous Substance that has become a Hazardous Waste due to any Contractor Release.

"**Project Hazardous Waste**" means any Hazardous Waste arising on City's property from the Work (including, without limitation, Contractor Hazardous Waste and City Hazardous Waste), regardless of: (a) whether generated by the acts or omissions of City, Contractor, a Subcontractor or a Sub-subcontractor; (b) whether it consists of Hazardous Substances that were on or in City's property at commencement of the Work and that have become Hazardous Waste in the course of the Work; and (c) whether it consists of Hazardous Substances that are brought on to City's property for or during the Work by Contractor, a Subcontractor or a Sub-subcontractor and that have become Hazardous Waste in the course of the Work.

"**OSHA**" means the Federal Occupational Safety and Health Act (29 U.S.C. Section 651 et seq.) and any successor statutes and any regulations, rules or guidelines promulgated pursuant thereto as in effect from time to time.

"**Release**" means any discharging, disposing, dumping, emitting, emptying, escaping, injecting, leaching, leaking, pouring, pumping, releasing, spilling, or similar action or event.

"**Contractor Release**" means a Release of a Hazardous Substance (including, without limitation, Hazardous Substances that were on or in City's property at commencement of the Work) arising from acts or omissions of Contractor or any Subcontractor or Sub-subcontractor or their employees or workers. However, Contractor Release does not include Releases of pre-existing Hazardous Substances on City's property of which City had not made Contractor aware and as to which Contractor, Subcontractors and Sub-subcontractors acted reasonably.

G. General Requirements.

1. Compliance with Environmental Law and OSHA. Contractor shall comply with, and shall cause all Subcontractors and Sub-subcontractors to comply with, this section and with all Environmental Law and OSHA applicable to (i) Contractor, (ii) Subcontractors, (iii) Subsubcontractors, (iv) the Work and (v) all of their activities in respect of the Work.

2. Hazardous Substances. (i) Hazardous Substances may be transported to and from and stored, used and be present on City's property in such quantities as are generally recognized to be usual and customary for performance of the Work. (ii) Hazardous Waste may be generated on City's property of such kinds and in such quantities as are generally recognized to be usual and customary in connection with performance of the Work. Hazardous Waste so generated may be stored temporarily on City's property. (iii) Prior to final completion of the Work, Contractor shall remove or cause to be removed from City's property and disposed of in accordance with Environmental Law and OSHA any Hazardous Substances (other than Project Hazardous Waste) brought onto City's

property during the Work or used in connection with the Work. (iv) Other than as provided in (i), (ii) and (iii), Contractor shall not, and Contractor shall cause all Subcontractors and Sub-subcontractors to not, dispose of, generate, manufacture, process, produce, Release, treat or otherwise store, use or have in or on or transport to or from City's property any Hazardous Substance, regardless of whether the Hazardous Substance is preexisting on City's property or otherwise.

3. Releases of Hazardous Substances. Upon any Release of any Hazardous Substance in connection with the Work, whether relating to a pre-existing condition on City's property (for example, arising from any demolition of, modification of, or addition to any structure, facility or equipment) or relating to acts or omissions of Contractor, a Subcontractor or a Sub subcontractor, Contractor shall take any immediate action reasonably necessary to contain the Release. City may elect to have Contractor control and carry out any containment, clean-up, removal and remediation activity. Alternatively, City shall have the right to elect to control and carry out any containment, clean-up, removal and remediation activity. Regardless of who takes the actions, Contractor shall absorb, without reimbursement from City, all costs and expense incurred by Contractor in connection with any Contractor Release. In addition, Contractor shall pay or reimburse City for all costs and expenses incurred by City relating to any Contractor Release. If the amount is not paid promptly, City may offset the amount against any amount payable by City to Contractor under the Contract Documents or otherwise. Remediation, removal, and other cleanup action arising from any Release shall be in full compliance with Environmental Law and OSHA and shall be subject to approval by City. In addition, City may require remedial, removal or other cleanup action in excess of applicable minimum requirements of Environmental Law and OSHA (A) as reasonably necessary or appropriate in the judgment of City to permit human use and habitation of City's property and to permit use of City's property, and (B) as reasonably consistent in the judgment of City with such habitation and uses.

4. Hazardous Waste. City will arrange for handling, storage and disposal of any Project Hazardous Waste. On an interim basis until City can make arrangements, Contractor shall assure proper handling (including, without limitation, segregation from waste that is not Hazardous Waste) and storage of Project Hazardous Waste in full compliance with Environmental Law and OSHA. Contractor shall pay all of City's expenses of storing, handling and disposing of Contractor Hazardous Waste. City will deliver a statement to Contractor showing City's expenses, and Contractor will promptly pay such amount to City. If the amount is not paid promptly, City may offset the amount against any amount payable by City to Contractor under the Contract Documents or otherwise.

5. Notifications to City. Contractor shall notify City's Project Manager immediately upon occurrence of any of the following: (i) any discovery by Contractor, a Subcontractor or any Sub-subcontractor of any Hazardous Substance in any existing structure, facility or equipment on City's property. (ii) any Release of any Hazardous Substance on City's property in connection with the Work; (iii) the creation or generation of any Hazardous Waste resulting from the Work (including, without limitation, Hazardous Waste arising from the removal of, demolition of, modification of, or addition to any existing structure, facility or equipment); (iv) the need for any remediation or removal of any Hazardous Substance relating to the Work whether relating to a pre-existing condition on City's property or to acts or omissions of Contractor, a Subcontractor or a Sub-subcontractor; or (v) any claim, demand, inquiry, investigation, litigation or other action or proceeding by any governmental authority or other person relating to any Hazardous Substance,

Hazardous Waste, Environmental Law or OSHA relating to the Work. Except for immediate action to contain any Release of any Hazardous Substance and except for interim handling and storage of Project Hazardous Waste, Contractor shall not take any action as to any matter in **(i), (ii), (iii), (iv)** or **(v)** without the prior written approval of City and City shall have the right to elect to control and carry out any such action or matter.

6. Other Asbestos. Contractor and each Subcontractor and Sub-subcontractor to comply with all requirements of Environmental Law and OSHA concerning any other asbestos in the Work area.

H. Construction Site Safety Requirements: Contractor shall have sole responsibility and liability for construction site safety. Without limiting other actions in this regard, Contractor shall, and shall cause each Subcontractor and Sub-subcontractor to, comply with worker health and safety requirements in Environmental Law and OSHA. In addition, Contractor shall take all reasonable necessary and appropriate steps to assure the health and safety of persons occupying any part of the facility in which the Work site is located or in the vicinity of or passing by the Work site and shall also take all reasonable necessary and appropriate steps to protect from damage or destruction the property of City and other persons in any part of the Facility in which the Work site is located or in the vicinity of or passing by the Work site. Among other actions in this regard Contractor shall comply with the requirements of the applicable fire code.

I. Environmental, Health and Safety Concerns by Contractor, Subcontractors or Subsubcontractors. If in the course of the Work, any environmental, health or safety concern exists or arises, whether relating to a Hazardous Substance, OSHA or otherwise, then the Work activities related to the concern must be discontinued until the concern is resolved. This means prior to disturbing a suspected Hazardous Substance or otherwise interacting with a potential health or safety hazard. The City's Project Manager must be notified immediately of the concern. Work shall not resume until approval has been provided by City. Close coordination will be maintained between City and Contractor so the Project schedule is impacted the least amount possible.

J. Scope of Indemnity. The indemnity in Article 13 of this Contract includes any claim by any person and City's attorneys' fees and other costs and expenses in defending any claim by any person that City is responsible or liable for any of the following arising from the acts or omissions of Contractor, any Subcontractor, any Sub-subcontractor or any of their employees or other workers relating to the Work: (i) any violation of Environmental Law or OSHA; (ii) any failure by Contractor, any Subcontractor or any Sub- subcontractor to perform or comply with any obligation or requirement in this Article, (iii) any Contractor Release of any Hazardous Substance; (iv) any improper disposition of any Hazardous Substance or Hazardous Waste; (v) any claim by any employee, agent, independent contractor or other worker of Contractor, any Subcontractor or any Sub-subcontractor and any claim by any other person of personal Injury, death or property damage arising from any Contractor Release of any Hazardous Substance or arising from any failure by Contractor, any Subcontractor or any Sub-subcontractor to comply with any Environmental Law or OSHA or this section.

ARTICLE 6
PRODUCT SAMPLES, TESTS, AND CERTIFICATES

A. The Contractor shall furnish Product Samples of all items requested or required by the City. Product Samples shall be properly identified and submitted with such promptness as to cause no delay in Work or in the work of any other contractor and to allow time for consideration by the City. The City will review Product Samples.

B. Each Product Sample must be accompanied by a letter of transmittal containing the following information:

1. Date of Submission
2. Name of Project
3. Location of Project
4. Branch of Work (Specification Section Number)
5. Project Number
6. Name of Submitting Contractor
7. Name of Subcontractor

C. The Contractor shall furnish to the City a certificate stating that material or equipment submitted complies with Contract Documents. If a certificate originates with the manufacturer, the Contractor shall endorse it and submit it to the City together with a statement of compliance in its own name.

D. No tests, inspections or approvals performed or given by the City or others acting for the City or any agency of Federal, State or Local government nor any acts or omissions by the City in administering this Contract shall relieve the Contractor from its duty to perform the Work in accordance with the Contract Documents and applicable law.

E. Unless the City is authorized at the time of submittal to return samples at the Contractor's expense, rejected samples will be destroyed.

F. After delivery of materials, the City may make such tests as it deems necessary, with samples required for such tests being furnished by and at the cost of the Contractor. Any test is for the benefit of the City and shall not relieve Contractor of the responsibility for providing quality control measurements to assure that Work strictly complies with the Contract Documents. No test shall be construed as implying acceptance of materials, work, workmanship, equipment, accessories or any other item or thing.

G. On the basis of the test results, materials, workmanship, equipment or accessories may be rejected even though general approval has been given. If items have been incorporated in Work, the City shall have the right to cause their removal and replacement by items meeting Contract Document requirements or to demand and secure appropriate reparation to the City from the Contractor.

ARTICLE 7
AS-BUILT DRAWINGS

A. Prior to Substantial Completion, the Contractor shall complete and turn over to the City the As-Built Drawings. The As-Built Drawings shall consist of a set of drawings which indicate all field changes that were made to adapt to field conditions, changes resulting from contract Change Orders and all buried and concealed installation of piping, conduit and utility services. All buried and concealed items both inside and outside the facility shall be accurately located on the As-Built Drawings as to depth and in relationship to not less than two permanent features such as interior or exterior wall faces. The As-Built Drawings shall be clean and all changes, corrections and dimensions shall be given in a neat and legible manner in a contrasting color.

B. For any changes or corrections in the Work which are made subsequent to Substantial Completion, revisions shall be submitted to the City prior to Final Payment.

ARTICLE 8
SUPERINTENDENCE BY THE CONTRACOR

A. The Contractor shall have a competent superintendent on the site at all times during the progress of the Work. Contractor's superintendent must be acceptable to the City. The superintendent shall have such assistants with such individual specialized competencies including, but not limited to, CPM scheduling, as may be necessary to fully understand and oversee all aspects of the Work. The superintendent and his assistants all shall be physically fit for their Work and capable of going to all locations where Work is being performed. A communication to the superintendent or his designated assistants by the City is binding upon the Contractor. The Contractor's superintendent shall be responsible for the prevention of accidents at the site. The Commercial Construction Safety Code of the Arizona Industrial Commission shall apply to all Work, and a copy of the Code shall be available at the site.

B. The Contractor shall at all times enforce strict discipline and good order among the workers on the Project and shall not employ or continue to employ any unfit person on the Project or any person not skilled in the work assigned to him. The Contractor shall be responsible to the City for all acts and omissions of its employees, Subcontractors, Suppliers, anyone whom the Contractor may allow to perform or inspect or supervise any Work, and their agents and employees together with anyone whom the Contractor may allow to come on the Project site. In addition, if the Contractor receives written notice from the City to dismiss those subcontractors or employees or one who is a hindrance to proper or timely execution of the Work, the Contractor shall dismiss those employees and agrees to replace those dismissed without delay to the Project and at no additional cost to the City.

C. The Contractor shall competently and thoroughly direct and superintend all of the Work and shall be solely responsible for all construction safety, means, methods, techniques, sequences and procedures. It shall coordinate and schedule all Work under this contract, the performance of all its employees, Subcontractors, and Suppliers, and the timely procurement of all necessary labor, materials, equipment, supplies, and all else needed to do the Work.

ARTICLE 9
SUBCONTRACTS

A. The Contractor shall supply with its bid to the City a written list of all proposed subcontractors and suppliers. The City will promptly reply to the Contractor in writing stating whether the City, after due investigation, has any objection to any such proposed subcontractor or supplier. The Contractor shall not employ any subcontractor or supplier against whom the City has reasonable objection. If, prior to the award of the Contract, the City has a reasonable objection to any subcontractor or supplier and refuses in writing to accept such person or organization, the apparent low bidder may, prior to the award, either withdraw his bid without forfeiture of bid security or may propose an acceptable substitution thereof provided that same results in no change in the bid price. Failure of the bidder to submit an acceptable substitute in a timely manner shall render its bid nonresponsive.

B. No substitution or change shall be made by the Contractor in the subcontractor/supplier list after its submission to the City without prior written approval by the City. Unapproved or untimely substitutions may be cause for invalidation of the Contractor's bid in the City's discretion, thereby rendering the Contract voidable.

C. All work performed for the Contractor by a subcontractor shall be pursuant to an appropriate written agreement which specifically binds the subcontractor to all applicable terms and conditions of the Contract Documents, but no contractual relationship shall exist between any subcontractor or supplier of any tier and the City, unless the City invokes the assignment provisions of the following subsection. Upon request, the Contractor shall provide fully executed copies of any subcontracts and purchase orders to the City.

D. The Contractor hereby assigns to the City (and its assigns) all its interest in any subcontracts and purchase orders now existing or hereinafter entered into by the Contractor for performance of any part of the Work, which assignment will be effective upon termination of the Contract by the City and only as to those subcontracts and purchase orders which the City assumes in writing. All subcontracts and purchase orders shall provide that they are freely assignable by the Contractor to the City and its assigns. Such assignment is part of the consideration to the City for entering into this Contract with the Contractor and may not be withdrawn prior to final completion.

E. The City may require each proposed subcontractor whose subcontract will exceed $100,000.00 to furnish a performance bond and a payment bond on City-approved forms in the full amount of its subcontract. The City will reimburse the Contractor for the documented cost of the subcontractor's performance bond premiums in the event the City requires such bonds by the subcontractor.

ARTICLE 10
COMMUNICATIONS

A. All project notices, requests, instructions, modifications, approvals, and claims must be in writing, unless expressly specified otherwise in the Contract.

B. Communications will be deemed to have been made if delivered in person or if mailed to the address designated in the Contract or otherwise agreed upon by the parties.

ARTICLE 11
PERMITS, TAXES, AND FEES

A. The Contractor shall secure and pay for any necessary building permits and for all other permits, fees, licenses and inspections necessary for the proper execution and completion of the Work, and shall immediately deliver copies to the City. The Contractor shall be responsible for complying with all applicable Federal, State and local laws, codes, notice requirements, and regulations applicable to the site and prosecution of the Work. Contractor shall be responsible for and pay any costs associated with or arising from any non-compliance.

B. The Contractor shall pay all taxes for and related to the Work or its portion thereof which are legally enacted at the time bids are received, whether or not yet effective.

ARTICLE 12
INSURANCE

A. Insurance Requirements: Concurrently with the execution of the Contract, the Contractor shall furnish the City of Buckeye a certificate of insurance on a standard insurance industry ACORD form. The ACORD form shall be issued by an insurance company authorized to transact business in the State of Arizona.

B. Contractor, subcontractors and subconsultants shall procure and maintain until all of their obligations have been discharged, including any warranty periods under this Contract are satisfied, insurance against claims for injury to persons or damage to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

C. The insurance requirements herein are minimum requirements for this Contract and in no way limit the indemnity covenants contained in this Contract.

D. The City in no way warrants that the minimum limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, his agents, representatives, employees, subcontractors or subconsultants and Contractor is free to purchase such additional insurance as may be determined necessary.

E. Minimum Scope and Limits of Insurance. Contractor shall provide coverage at least as broad and with limits of liability not less than those stated below. The Contractor waives all rights of subrogation under the following policies.

(1) Commercial General Liability-Occurrence Form Policy shall include bodily injury, property damage, broad form contractual liability and XCU coverage.

General Aggregate	$2,000,000

Products-Completed Operations Aggregate	$1,000,000
Personal & Advertising Injury	$1,000,000
Each Occurrence	$1,000,000

The policy shall be endorsed to include the following additional insured language: "The City of Buckeye shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Contractor".

The policy shall contain a waiver of subrogation against the City of Buckeye.

(2) Automobile Liability- Bodily injury and property damage for any owned, hired, and non-owned vehicles used in the performance of this Contract

Combined Single Limit (CSL)	$1,000,000

The policy shall be endorsed to include the following additional insured language: "The City of Buckeye shall be named as an additional insured with respect to liability arising out of the activities performed by, or on behalf of the Contractor including automobiles owned, leased, hired or borrowed by the Contractor".

(3) Workers Compensation and Employers Liability Workers Compensation

(4) Statutory

Employers' Liability	
Each Accident	$ 1,000,000
Disease-Each Employee	$ 1,000,000
Disease-Policy Limit	$ 1,000,000

(5) Umbrella/Excess Liability: Umbrella/Excess Liability insurance with a limit of not less than

$5,000,000 per occurrence combined limit Bodily Injury and Property Damage, that "follows form" and applies in excess of the Commercial General Liability, Automobile Liability, and Employer's Liability, as required above.

The policy shall contain a waiver of subrogation against the City of Buckeye.

F. Additional Insurance Requirements. The policies shall include, or be endorsed to include, the following provisions:

(1) On insurance policies where the City of Buckeye is named as an additional insured, the City of Buckeye shall be an additional insured to the full limits of liability purchased by the Contractor even if those limits of liability are in excess of those required by this Contract.

(2) The Contractor's insurance coverage shall be primary insurance and non-contributory with respect to all other available sources.

(3) Coverage provided by the Contractor shall not be limited to the liability assumed under the indemnification provisions of this Contract.

G. Subconsultant's and Subcontractor's Insurance. Contractor's certificate(s) shall include all subcontractors as additional insureds under its policies or subcontractors shall maintain separate insurance as determined by the Contractor, however, subcontractor's limits of liability shall not be less than
$1,000,000 per occurrence / $2,000,000 aggregate. All coverages for subcontractors and subconsultants shall be appropriate to cover all of its work performed herein.

H. Notice of Cancellation. Each insurance policy required by the insurance provisions of this Contract shall provide the required coverage and shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice has been given, by certified mail, return receipt requested to:

Christopher A. Williams
Manager Construction & Contracting Division
City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326

I. Acceptability of Insurers. Insurance is to be placed with insurers duly licensed in the State of Arizona and with an A. M. Best's rating of no less than A -. The City in no way warrants that the above required minimum insurer rating is sufficient to protect the Contractor from potential insurer insolvency.

J. Verification of Coverage

(1) Contractor shall furnish the City Certificates of Insurance (ACORD form or equivalent approved by the City) and with original endorsements effecting coverage as required by this Contract. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. *Any policy endorsements that restrict or limit coverages shall be clearly noted on the certificate of insurance.*

(2) All certificates and endorsements are to be received and approved by the City before work commences. Each insurance policy required by this Contract must be in effect at or prior to the earlier of commencement of work under this Contract or the signing of this Contract and remain in effect for the duration of the Project. Failure to maintain the insurance policies as required by this Contract or to provide evidence of renewal is a material breach of contract.

(3) All certificates of insurance required by this Contract shall be sent directly to the City of Buckeye, Manager, Construction & Contracting. The contract number and project description shall be included on the Certificates of Insurance. The City reserves the right to require complete, certified copies of all insurance policies required by this Contract, at any

time.

K. Approval. Any modification or variation from the insurance requirements in this Contract shall be approved by the City, whose decision shall be final.

L. Liability Notwithstanding Insurance: Approval, disapproval or failure to act by Owner regarding any insurance supplied by Contractor or its Subcontractors shall not relieve the Contractor of full responsibility or liability for damages, errors, omissions or accidents as set forth in this Contract. Neither the bankruptcy or insolvency of Contractor's insurer nor any denial of liability by Contractor's insurer shall exonerate Contractor from the liability or responsibility of Contractor set forth in this Contract.

ARTICLE 13
INDEMNIFICATION

A. To the fullest extent permitted by law, Contractor agrees to defend, indemnify and hold Owner, its officers, agents and employees, harmless for, from and against any and all claims, lawsuits, judgments, costs and expenses for personal injury (including death), property damage or other harm for which recovery of damages is sought, suffered by any person or persons, that may arise out of or be occasioned by Contractor's breach of any of the terms or provisions of this Contract, or by any negligent, grossly negligent or strictly liable act or omission of Contractor, its officers, agents, or employees, in the performance of this Contract; except that the indemnity provided for in this paragraph shall not apply to any liability resulting from the sole negligence or fault of Owner, its officers, agents, employees or separate contractors. The provisions of this paragraph are solely for the benefit of the parties hereto and are not intended to create or grant any rights, contractual or otherwise, to any other person or entity.

ARTICLE 14
PROGRESS AND SCHEDULING

A. Planning, scheduling and progress monitoring are essential functions of the Contractor. Within ten (10) days after the award of the Contract, the Contractor shall prepare and submit for the City a Schedule of Values allocating the Contract Price among the various portions of the Work for purposes of progress payments. The Schedule of Values shall be substantially equivalent to AIA Forms G702 and G703 or as specified by the City.

B. The Contractor shall also furnish the City with a Narrative Report corresponding with each monthly update which shall include a description of current and anticipated problem areas, delaying factors and their impact, fragmentary networks (fragnet) of delays, and an explanation of corrective action taken or proposed. If the Project is behind schedule in any month, the Contractor's Narrative Report shall indicate precisely what measurements it will take in the next thirty days to put the Work back on schedule.

C. The Contractor shall employ and supply a sufficient force of workers, material and equipment, and shall prosecute the Work with such diligence so as to maintain the rate of progress

indicated on the Progress Schedule, to prevent work stoppage, and to ensure completion of the Project within the Contract Time.

D. The Contractor shall be responsible to prepare, submit and maintain the schedules and Narrative Reports indicated above, and the failure to do so may be considered a material breach of this Contract. Any additional or unanticipated cost or expense required to maintain the schedules shall be solely the Contractor's obligation and shall not be charged to the City.

ARTICLE 15
LOG

A. The Contractor shall maintain a daily log of construction activities for each calendar day of the Contract Time, using a form approved by the City. The Contractor shall document all activities at the Project site, including:

1. Weather conditions showing the high and low temperatures during work hours, the amount of precipitation received on the job site, and any other weather conditions which adversely affect Work at the site;
2. Soil conditions which adversely affect Work at the site;
3. The hours of operation by Contractor and individual Subcontractor personnel;
4. The number of Contractor and Subcontractor personnel present and working at the site, by subcontract and trade, and updated schedule activity number.
5. The equipment active or idle at the site;
6. A description of the Work being performed at the site, by updated schedule activity number.
7. Any delays, disruptions or unusual or special occurrences at the site;
8. Materials received at job site; and
9. A list of all visitors at the site.

B. The Contractor shall provide copies of the daily logs to the City on a weekly basis. The daily log does not constitute written notice to the City when such notice is required by the Contract Documents.

ARTICLE 16
MISCELLANEOUS DUTIES

The Contractor shall submit to the City upon request all payrolls, reports, estimates, records and any other data concerning Work performed or to be performed and concerning materials supplied or to be supplied, as well as Subcontractor payment applications and each Subcontractor's progress payment check. The requirements of this subsection shall be provided in all contracts between the Contractor and its Subcontractors.

A. During construction and for five (5) years after Final Payment, the Contractor shall retain and shall also require all Subcontractors to retain for review and/or audit by the City all correspondence,

meeting minutes, memoranda, electronic media, books, accounts, reports, files, time cards, material invoices, payrolls, and evidence of all communications, direct and indirect costs, and all other matters related to the bidding and performance of the Work.

B. Upon request by the City, a legible copy or the original of any or all such records shall be produced by the Contractor at any time during or after construction as the City may request.

C. The Contractor shall be responsible for laying out its own Work and for any damage which may occur to work of any other contractor because of the Contractor's own errors or inaccuracies. The Contractor shall also be responsible for unloading, uncrating, storing and handling all materials and equipment to be erected or placed by it, whether furnished by the Contractor or others.

D. The Contractor, Subcontractors, and Suppliers shall be responsible for taking all appropriate field measurements prior to fabrication and installation of any item. Such measurements shall be taken sufficiently in advance so as to avoid any delay or potential delay. Failure to adhere to this provision shall render such delays the responsibility of the Contractor.

E. Unless otherwise specifically mentioned, all anchors, bolts, screws, fittings, fillers, hardware, accessories, wiring, conduit, ductwork, trim and other parts required for or in connection with any item or material to make a complete, serviceable, finished and quality installation shall be furnished and installed as part of the item whether or not expressly called for by the Drawings or Specifications.

F. All materials shall be shipped and stored and handled in a manner that will afford protection and ensure their being in factory-new condition at the time they are incorporated in the Work. After installation, they shall be properly protected against damage or deterioration until Final Completion of the Project.

G. When standards and specifications issued by The American Society of Testing and Materials, the American Institute of Steel Construction, the U.S. Department of Commerce (Commercial Standards), or other technical or standard setting organizations are cited in the Contract Documents, such standards or specifications (and all related standards or specifications) shall be equally as binding and have the full force and effect as though incorporated word for word. Unless otherwise specifically stated, the standards and specifications referred to shall be the latest edition or revision of such specifications that is in effect on the date of the public bid.

H. Any part of the Work damaged during installation or prior to final acceptance of Work shall be repaired so as to be unnoticeable and to be equal in quality, appearance, serviceability and other respects to an undamaged item or part of the Work. Where this cannot be fully accomplished the damaged item or part shall be replaced. After installation, all exposed surfaces and parts of an item or of the Work shall be cleaned in a manner that will not damage the finish or any of the parts of the item, so that the completed work is left in first class condition, free of all defects. All damaged or defaced Work shall be repaired or replaced to the City's satisfaction at the expense of Contractor.

I. The Contractor shall procure and furnish to the City all guarantees, warranties, manuals, and spares that are called for by the specifications or that are mentioned in the manufacturer's product

literature. Guaranties and warranties shall commence as of the date of Substantial Completion of the Project.

J. The Contractor shall pay all royalties and license fees. The Contractor shall defend all suits or claims for infringement of any patent rights and shall save the City harmless from loss on account thereof, except that the City shall be responsible for loss attributable when a particular design, process or the product of a particular manufacturer or manufacturers is specified. If the Contractor has any reason to believe that the design, process or product specified could be an infringement of a patent, it shall be responsible for such loss unless it promptly gives such information in writing to the City.

K. The Contractor shall limit its operations to the confines of the Project, except as necessary to connect to existing utilities, and shall not, without the prior written permission of the affected property City, and encroach on property outside the site. Contractor shall not permit unauthorized persons or activities on the site and shall maintain the site in a safe and secure manner.

L. The Contractor shall prearrange time with the City whenever it becomes necessary to interrupt any service to make connections, alterations or relocations and shall fully cooperate with the City in doing Work so as to cause the least annoyance and interference with the continuous operation of the City's business or official duties. Any existing plumbing, heating, ventilating, air conditioning or electrical disconnections which may affect portions of this construction or building or any other building must be coordinated with the City to avoid any disruption of operation within the building or construction or other building or utilities. In no case, unless previously approved in writing by the City, shall utilities be left disconnected at the end of a workday or over a weekend. Any interruption of utilities, whether negligently, intentionally, or accidentally, shall not relieve the Contractor's responsibility for the interruption or from liability for loss or damage caused by such interruption even though such loss or damage was not foreseeable by Contractor or subcontractor, or from responsibility for repairing and restoring the utility to normal service. Repairs and restoration shall be made before the workmen responsible for the repair and restoration leave the job.

M. The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by his operations. If the Contractor fails to properly clean up during construction, or if a dispute arises between the Contractor and/or separate Contractors as to their responsibility for cleaning up, the City may clean up and charge the costs thereof to the Contractors responsible as determined by the City. At the completion of the work he shall remove all his waste materials and rubbish from and about the Project as well as all his tools, construction equipment, machinery and surplus materials. If the Contractor fails to clean up at the completion of the work, the City may do so and the cost thereof shall be charged to the Contractor.

ARTICLE 17
INSPECTION OF WORK

All Work done and all materials are subject to inspection by the City to determine if they conform to the Contract Documents. The City shall at all times have access to the Work, including materials being fabricated or stored off site. The Contractor shall furnish at the Contractor's cost any facilities

necessary for sufficient and safe access to the Work.

A. Inspections, tests, measurements, or other acts of the City are for the sole purpose of assisting the City in determining that the Work, materials, rate of progress, and quantities comply with the Contract Documents and/or Contractor's requests for payment. These acts or functions shall not relieve the Contractor from performing the Work in full compliance with contract requirements nor relieve the Contractor from any of the quality, compliance and responsibility for the Work assigned to it by the Contract Documents. No inspection by the City shall constitute or imply acceptance or waiver of rights.

B. Nonconforming Work or materials may be rejected and Contractor shall correct such rejected Work without additional compensation, even if the Work or materials have been previously inspected or accepted by the City or even if the City failed to observe the unsuitable Work or materials.

C. Any Work required to be inspected by the City prior to being covered, which is covered up without prior inspection or without prior consent of the City, must be uncovered and recovered by the Contractor, if requested by the City, at no cost to City, notwithstanding the provisions of the following subsection.

D. Contractor shall notify the City in writing at least 48 hours prior to the time at which the City must be present to perform an inspection. Failure to provide such notice will place the Contractor at risk for all consequences of non-inspection and having to uncover work.

ARTICLE 18
CORRECTION OF WORK

If any portion of the Work is covered over contrary to the request of the City or as required by the Contract or the applicable building standards, it must be uncovered for observation at the Contractor's expense if requested by the City in writing.

A. If any portion of the Work, other than those portions required to be inspected by the City prior to being covered, has been covered over, the City may request that it be uncovered for observation. If such portion is found to be in accordance with the requirements of the Contract Documents, the cost of uncovering it shall be charged to the City as a Change Order. If such portion is found not to be in accordance with the requirements of the Contract Documents, the Contractor shall bear such costs.

B. The Contractor shall promptly remove from the site and replace any material or correct any Work found by the City to be defective or failing to conform to the requirements of the Contract, whether or not fabricated, installed or completed, and whether discovered before or after Substantial Completion. The Contractor shall bear all costs of correcting such Work or material, including the cost of necessary additional professional services and the cost of repairing or replacing all work of separate contractors or subcontractors damaged by such removal or correction. The City shall notify the Contractor immediately in writing upon its knowledge that additional professional services will be necessary and of the extent and estimated costs of the additional services. The City

may consent to accept such Work or material with an appropriate adjustment in Contract Price.

C. If the Contractor does not promptly replace or correct such Work or material, the City may replace or correct the Work or material, and charge or deduct the cost of removal and replacement from any monies due to the Contractor, or recover such costs from the Contractor.

D. If, within two (2) years after the date of Substantial Completion, any of the Work is found to be defective or not in accordance with the requirements of the Contract, the Contractor shall correct it promptly after receipt of a written notice from the City to do so. If the Contractor does not promptly replace or correct such Work or material, the City may replace or correct the Work or material, and charge or deduct the cost of removal and replacement from any monies due to the Contractor, or recover such costs from the Contractor. Nothing contained in this section shall be construed to establish a period of limitation with respect to any obligation of the Contractor under the Contract or the law. The obligation of the Contractor under this section shall be in addition to and not in limitation of any obligations imposed by special guaranties or warranties required by the Contract, given by the Contractor, or otherwise recognized or prescribed by law.

E. If, during the running of a guarantee or warranty period, the Contractor must perform repair work to any portion of the Work, the running of the warranty or guarantee period is tolled from the time the defect or deficiency is discovered through the time when the Contractor successfully completes all repairs and retesting and start-up activities.

ARTICLE 19
DELAYS AND TIME EXTENSITONS

If the Contractor is delayed at any time in the progress of the Work by any act or neglect of the City, or by any separate Contractor employed by the City, or by changes in the Work, or by labor disputes, fire, unusual delay in transportation, unusually severe weather conditions, adverse soil conditions, unavoidable casualties, delays specifically authorized by the City, or by causes beyond the Contractor's control, avoidance, or mitigation, and without any fault or negligence of the Contractor or Subcontractor or Supplier at any tier, then the Contract Time shall be extended by Change Order for such reasonable time as the City may determine that such event has delayed the critical path of the Work or individual milestone or overall completion of the Work after considering the advice of the City, if the Contractor complies with the notice and documentation requirements set forth below. The Contractor shall pay any additional fees or costs incurred by the City as the result of delays caused by the Contractor for circumstances not excused as provided herein.

A. Initial notice of any delay in the Work shall be made in writing to the City immediately but in no event later than 24 hours after discovery of the event giving rise to the delay. Then, Contractor shall provide additional details of the delay in writing to the City within seven (7) calendar days from the beginning of the delay. Failure to meet these time requirements shall absolutely bar any and all later claims. The detailed notice shall indicate the cause of the delay, the anticipated length of the delay, the probable effect of such delay upon the progress and cost of the Work, and potential mitigation plans. If the cause of the delay is continuing, the Contractor must give written notice every month at the same time it submits the updated progress Narrative Report to the City. Within fifteen (15) days after the elimination of any such delay, the Contractor shall submit further

documentation of the delay and, if applicable, a formal written request covering an extension of time for such delay. The written request for time extension shall state the cause of the delay, the number of days' extension requested and provide a fully documented analysis of the Progress Schedule, including a fragnet and any other data demonstrating a delay in the critical path of the Work or individual milestone or the overall project completion. If the Contractor does not comply with the notice and documentation requirements set forth above, the claim for delay is absolutely barred.

B. If the Contractor incurs damages related to expenses caused by a delay for which the City is solely responsible, which is unreasonable under the circumstances, and which was not contemplated by the parties at the time of formation of this Contract, then the parties shall attempt to reach an agreement on the Contractor's claim, provided that the Contractor has notified the City in writing as specified above, including why the City is believed by the Contractor to be solely responsible for the delay. Failure to provide such timely notice shall be deemed an absolute and final waiver of any rights to additional sums. Any disputes will be resolved in accordance with the City of Buckeye Procurement Code, as amended or superseded.

C. The Contractor shall have no right to claim for alleged extended or unabsorbed home office overhead; claims for delays shall be limited to provable extended site costs.

D. The date of beginning and the time for completion as specified herein are ESSENTIAL CONDITIONS of this Contract; and it is further mutually understood and agreed that the Work embraced in this Contract shall be commenced on a date to be specified in the notice to proceed or at a preconstruction meeting, but in no event later than ten (10) days after the execution of this Contract, whichever first occurs. Said Work shall be prosecuted regularly, diligently, and uninterruptedly at such rate of progress as will ensure full completion thereof within the time specified. The time for completion of the same takes into consideration the average climatic range and usual industrial conditions prevailing in this locality. If the Contractor shall neglect, fail or refuse to complete the Work within the time herein specified, or any extension thereof granted by the City, then the Contractor does hereby agree to pay to City the per diem amount specified in the Contract. This amount is agreed to be liquidated damages for such breach and not a penalty therefore. The per diem amount shall be paid for each and every calendar day that the Contractor shall be in default after the time stipulated in the Contract for completing the Work. The amount is fixed and agreed upon by and between the Contractor and City because of the impracticality and extreme difficulty of fixing and ascertaining the actual damages the City would in such event sustain. Said sums may be withheld by the City from any amounts due to the Contractor from the City, whether as the result of this Contract or any other obligation between the City and the Contractor.

E. The parties hereby agree that if the Contractor submits an original or updated schedule which shows the project and/or individual Milestone(s) completing earlier than required by the adjusted contractual completion date(s), the differences between the forecasted early completion and the required completion shall be considered Project-owned float available for use by both the City and the Contractor.

F. The Contractor shall not sequester shared float through such strategies as extending activity duration estimates to consume available float, using preferential logic, using extensive

crew/resource sequencing, etc. Since float time within the schedule is jointly owned, no time extensions will be granted nor delay damages paid until a delay occurs which extends the work beyond the adjusted Contract completion date. Since float time within the Construction Schedule is jointly owned, it is acknowledged that City-caused delays on the project may be offset by City-caused time savings (i.e., critical path submittals returned in less time than allowed by the Contract, approval of substitution requests which result in a savings of time to the Contractor, etc.). In such an event, the Contractor shall not be entitled to receive a time extension or delay damages until all City-caused time savings are exceeded and the Contract completion date or milestone date is also exceeded.

G. It is agreed that no time extensions shall be granted nor delay damages paid unless the delay is clearly demonstrated by the updated Construction Schedule current as of the month the change was issued or the delay occurred and which delay cannot be mitigated, offset, or eliminated through such actions as revising the intended sequence of work or other reasonable means.

ARTICLE 20
SUSPENSION OF WORK

A. The City may, at any time and without cause, order the Contractor in writing or cause the Contractor to suspend, delay or interrupt all or any part of the Work for such period of time as the City may determine to be appropriate for its convenience. Equitable adjustment shall be made for any increase in the Contract Time necessarily caused by such suspension or delay by written Change Order.

ARTICLE 21
RIGHT TO STOP WORK

A. If the Contractor fails to correct defective Work as required, or fails to carry out the Work in accordance with the Contract Documents, the City by written notice, may order the Contractor to stop the Work or any portion of the Work, until the cause for the order has been eliminated to the satisfaction of the City.

B. The City may stop Work without written notice for 24 hours whenever in its professional opinion such action is necessary or advisable to ensure conformity with the Contract Documents. The Contractor shall not be entitled to an adjustment in the Contract Price or Contract Time under this subsection. The right of the City to stop the Work shall not give rise to a duty on the part of the City to exercise this right for the benefit of the Contractor or others.

ARTICLE 22
CHANGES

A. After this Contract is signed, Modifications in the Contract Price, the Contract Time or Scope of the Work may only be made by written Change Order.

B. By written directive at any time, the City may make any changes within the general scope of the Contract or issue additional instructions, require additional or modified Work or direct deletion

of Work. The Contractor shall not proceed with any change involving an increase or decrease in cost or time without prior written authorization from the City and shall proceed in accordance with the procedures set forth in this section. If the Contractor proceeds with any change involving an increase or decrease in cost or time without written authorization as required by this paragraph, the Contractor hereby waives all rights or claims Contractor may have as a result of the change. The City's right to make changes shall not invalidate the Contract or relieve the Contractor of any liability. Any requirement of notice of change to the Surety shall be the responsibility of the Contractor.

C. The cost or credit to the City resulting from a change in Work shall be determined in one or more of the following ways:

1. By unit prices stated in the Contract.

2. By cost, as defined below, properly itemized and supported by sufficient, substantiating data to permit evaluation, plus a fee of ten percent (10%) of items (a) through (h) described below. Such costs shall be itemized by crafts as defined within the schedule of values and limited to the following items directly allocable to the change in the Work:

(a) Cost of materials, including delivery but excluding Subcontractor-supplied materials.

(b) Fully-burdened cost of labor, including, but not limited to, payroll taxes, social security, old age and unemployment insurance, vacation and fringe benefits required by agreement or routinely paid by contractor, and worker's or workman's compensation insurance but excluding Subcontractor's labor.

(c) Rental value of equipment and machinery to be established by rental receipts and not to exceed reasonable and customary rates for the locale of the Work. For owned equipment, contractor must prove reasonable rental rate pursuant to actual ownership costs.

(d) Cost of Subcontracted work calculated as above and Subcontractor's Field Supervision calculated in accordance with paragraph (e) below, plus Subcontractor's insurance and bond premiums as applicable. Insurance and bond premium cost shall not exceed a total of two percent (2%) of Subcontractor's documented cost.

(e) Contractor's Field Supervision not to exceed five percent (5%) of (a), (b) and (d) above; the parties agree that this mark-up shall fully cover all contractor Field Supervision overhead.

(f) Contractor's insurance and bond premiums not to exceed a total of two percent (2%), or documented cost.

(g) Sales tax at full value.

(h) If this method of cost or credit calculation is selected, in no event shall the

combined total fee including all levels or tiers of Subcontractors exceed twenty percent (20%) of the total cost of paragraphs (a), (b), (c) and (d). Field Supervision is to be excluded at all levels for the purposes of the limit imposed by this paragraph.

3. By mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation; provided that such lump sum shall not exceed that amount calculated under item 2 above.

D. If none of the above methods is agreed upon, the Contractor shall promptly proceed with performing the change, upon receipt of a written order signed by the City. Any dispute regarding the pricing methodology or cost of the change shall not relieve the Contractor from proceeding with the change as directed by the City. The cost or credit to the City shall be determined by the City on the basis of the preceding subsection.

E. A fully executed Change Order shall be full and final settlement of all claims for direct, indirect, delay, disruption, inefficiency and any other consequential costs related to items covered or affected, as well as time extensions. Any such claim not presented by the Contractor for inclusion in the Change Order is irrevocably waived.

F. In an emergency affecting the safety of life, or of the structure, or of adjoining property, the Contractor, without special instruction or authorization from the City, is permitted to act at its discretion to prevent threatened loss or injury. Any compensation claimed by the Contractor on account of such emergency work shall be determined in accordance with this section.

ARTICLE 23
PAYMENT

A. Payments on account of the Contract Price will be made monthly as Work progresses. Payment Applications, covering labor, material, equipment, supplies, and other items completed, delivered, or suitably stored on site during a period ending on the last calendar day of each month, shall be submitted to the City by the Contractor on the current edition of AIA Documents G702 and G703, within five (5) days after end of the period. Payment Applications shall be notarized, shall be supported by such data substantiating the Contractor's right to payment as the City may require, and reflect retainage, if any, as is provided. All payments shall be subject to any offset or retainage provisions of the Contract.

B. Each payment made to the Contractor shall be on account of the total amount payable to the Contractor, and title to all Work covered by a paid partial payment shall thereupon pass to the City. Nothing in this section shall be construed as relieving the Contractor from the sole responsibility for care and protection of materials and Work upon which payments have been made, for restoration of any damaged Work, or as a waiver of the right of the City to require fulfillment of all terms of Contract Documents.

C. The City, within seven (7) days after receipt of the Payment Application, will either issue a Certificate for Payment for such amount as is properly due or issue written notice of the reasons for withholding such a certificate.

D. The issuance of a Certificate for Payment will constitute a representation by the City, observations at the site and the data comprising the Application for Payment, that the Work is in accordance with the Contract Documents (subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to the results of any subsequent tests required by or performed under the Contract Documents, to minor deviations from the Contract Documents correctable prior to completion, and to any specific qualifications stated in his certificate); and that the Contractor is entitled to payment in the amount certified.

E. Payment may be withheld in whole or in part to protect the City on account of:

1. Unsatisfactory job progress as determined by the City.
2. Defective Work or materials not remedied.
3. Disputed Work or materials.
4. Claims or other encumbrances filed or reasonable evidence indicating probable filing of claims or other encumbrances by Subcontractors or Suppliers, or others.
5. Failure of the Contractor to make payment to Subcontractors or Suppliers within seven (7) days after receipt of each progress payment.
6. A reasonable doubt as determined by the City that the Work can be completed for the unpaid balance of the Contract Price or within the Contract Time.
7. The Contractor's failure to perform any of its contractual obligations under the Contractor Documents, or any other Contract with the City.
8. Deficiencies or claims asserted by City against Contractor arising from any other project. Within fourteen (14) days following the receipt of the Certificate of Payment, the City shall pay to the Contractor the value of the Work in place and materials suitably stored at the site. The remaining 10% shall be retained by the City until the Contract is 50% completed at which time the retainage shall be reduced to 5%; provided that: (a) the Contractor is making satisfactory progress on the Contract; and (b) in the City's sole judgment, there is no specific cause or claim requiring a greater amount than 5% to be retained. Thereafter, the City shall pay the Contractor 95% of the value of the Work, unless and until it determines satisfactory progress is not being made, at which time the 10% retainage may be reinstated. Such 10% reinstatement would be 10% of the total contract value of Work in place and materials stored. The City's sole judgment concerning the satisfactory progress of the Work shall be final.

F. Within sixty (60) days after the issuance of the Certificate of Final Completion by the City and receipt of all other documents required by the Contract, all retained amounts shall be paid to Contractor as part of Final Payment:

1. The Final Payment shall not become due until the Contractor delivers to the City full and final unconditional releases from Subcontractors and major Suppliers acknowledging payment in full. Any claim filed thereafter shall be the responsibility of the Contractor.

2. If any claim remains unsatisfied after all payments are made, the Contractor shall

immediately upon demand refund to the City all monies that the latter may be compelled to pay in discharging such claim including all costs, interest and attorneys' fees.

G. If any payment of the Contract Price is not made within thirty (30) days and without just cause, interest shall thereafter accrue on the unpaid principal balance at the minimum rate allowed by state law (A.R.S. § 44-1201) on the due date.

ARTICLE 24
WARRANTY

A. The Contractor warrants that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all Work will be free from faults and defects and in strict conformance with the Contract Documents.

B. Neither provision of manufacturers' warranties nor Final Payment nor use or occupancy of all or a portion of the Premises by the City shall constitute an acceptance of Work not performed in accordance with the Contract Documents or relieve the Contractor or its sureties of liability with respect to any warranties or responsibility for faulty materials and workmanship.

C. This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the City takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the City takes possession.

D. The Contractor or its sureties shall remedy any defects in the Work and any resulting damage to the Work or the Work of others at its own expense.

E. The Contractor shall be liable for correction of all damage resulting from defective Work. If the Contractor fails to remedy any defects or damage, the City may correct the Work or repair the damages and the cost and expense incurred in such event shall be paid by or be recoverable from the Contractor.

F. The warranties provided in this section shall be in addition to and not in limitation of any other warranty or remedy provided by law or by the Contract Documents.

ARTICLE 25
SUBSTANTIAL COMPLETION

A. When the Contractor requests a Substantial Completion Inspection for the Work or a designated portion thereof, the City shall determine the validity of the request. A list of items to be completed or corrected shall be prepared by the Contractor and presented to the City with the request for inspection. By submitting a request for Substantial Completion Inspection the Contractor thereby certifies that it has performed a thorough inspection of the Project in preparing the list of items to be completed or corrected, has consulted with its subcontractors, and that the remaining incomplete or defective work shall be completed within thirty (30) days of submission of the request. The City shall evaluate the Contractor's request and list of uncompleted items and, if appropriate in their judgment, add to or delete items from the list necessary to complete the work.

The failure to include items on any punch list shall not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. By submitting a request for Substantial Completion Inspection, the Contractor thereby certifies that the remaining incomplete or defective Work required by the Contract Documents shall be completed within thirty (30) days.

B. If the City, on the basis of Substantial Completion inspection, determines that the Work has been substantially completed in accordance with the Contract Documents, then the City will prepare a Certificate of Substantial Completion, which shall establish the date of Substantial Completion; shall state the responsibilities of the Contractor for remaining punchlist items, maintenance, heat and utilities, security, and damage to the work; and shall fix the time, not to exceed thirty (30) days, within which the Contractor shall complete the punch list. The Certificate of Substantial Completion shall be submitted by the City to the Contractor for their written acceptance of the responsibilities assigned to them in such Certificate. The Project shall not be deemed substantially complete until the Certificate is issued irrespective of City occupancy.

ARTICLE 26
FINAL INSPECTION

When the Contractor submits in writing to the City a request for a final inspection of the Work, the City shall determine the validity of the request. Following the inspection, if there are items to be completed or corrected, the City will determine the dollar value to be withheld in accordance with the retainage provisions of the Contract. In the event that the Contractor has not completed the punch list items within the time designated in the Certificate of Substantial Completion, the City retains the right to have these items corrected at the expense of the Contractor, including all architectural, engineering and inspection costs and expenses incurred by the City.

A. The City shall not be required to release the retainage until such items have been completed and inspected.

ARTICLE 27
ASSIGNMENT OF CLAIMS

A. The City and Contractor recognize that in actual economic practice overcharges resulting from antitrust violations are in fact borne by City. Therefore, the Contractor hereby assigns to City any and all claims for such overcharges. The Contractor in all subcontracts shall require all Subcontractors to likewise assign all claims for overcharges to the City.

ARTICLE 28
DISPUTES

A. All of Contractor's claims and disputes shall first be referred to the City for initial determination, by written notice, not more than seven (7) days from the occurrence of the event which gives rise to the dispute, or not more than seven (7) days from the date that the Contractor knew or should have known of the problem. Unless the claim is made in accordance with these time requirements, it is irrevocably waived. The City shall render a written decision within a reasonable time. The City's decision may be reviewed in accordance with City of Buckeye Procurement Code, as

amended or superseded. Any claim not timely filed or not complete at the time of filing is irrevocably waived.

B. Any failure of the City to make a decision within the time limit set forth shall not be construed as acquiescence in all or any part of the Contractor's claim for relief. Unless otherwise agreed in writing, the Contractor shall carry on the Work and maintain its progress during any claims and controversy proceedings, and the City shall continue to make payments to the Contractor in accordance with the Contract Documents.

ARTICLE 29
FORUM

A. No suit or action shall be commenced hereunder by any claimant other than in the Arizona Superior Court, and only after all contractual and administrative procedures have been fulfilled. By submitting a bid for this project, Contractor agrees to be bound by the City of Buckeye Procurement Code Dispute Resolution Procedures and waives any objections to those procedures.

ARTICLE 30
TERMINATION BY THE CITY

A. This Contract may be terminated by the City under the conditions stated in A.R.S. § 38-511.

ARTICLE 31
TERMINATION FOR CAUSE

A. The City may terminate the Contract upon the occurrence of any one or more of the following events:

1. If the Contractor refuses or fails to prosecute the Work, or any separable part, with such diligence as will ensure its completion within the Contract Time; or if the Contractor fails to complete the Work within the Contract Time;

2. If the Contractor or any of its key subcontractors is adjudged a bankrupt or insolvent or makes a general assignment for the benefit of creditors, or if the Contractor or any of its key subcontractors or a third party files a petition to take advantage of any debtor's act or to reorganize under the bankruptcy or similar laws concerning the Contractor or any of its key subcontractors, or if a trustee or receiver is appointed for the Contractor or any of its key subcontractors or for any of the Contractor's property on account of the Contractor's insolvency, and the Contractor or its successor in interest or any of its key subcontractors does not provide adequate assurance of future performance in accordance with the Contract within ten (10) days after receipt of a request for assurance from the City;

3. If the Contractor fails to supply sufficient skilled workmen or suitable materials or equipment;

4. If the Contractor fails to make prompt payments to subcontractors or suppliers at any tier,

or for labor, materials or equipment;

5. If the Contractor fails to comply with laws, ordinances, rules, codes, regulations, orders or similar requirements of any public entity having jurisdiction;

6. If the Contractor fails to follow any reasonable instructions by the City;

7. If the Contractor performs Work which deviates from the Contract Documents, and neglects or refuses to correct rejected Work; or

8. If the Contractor otherwise violates in any material way any provisions or requirements of the Contract Documents. Once the City determines that sufficient cause exists to justify the action, the City may terminate the Contract without prejudice to any other right or remedy the City may have, after giving the Contractor and its Surety seven (7) days' notice by issuing a written Declaration of Default. The City shall have the sole discretion to permit the Contractor to remedy the cause for the contemplated termination without waiving the City's right to terminate the Contract.

B. If the Contract is terminated, the City may take over the Work and prosecute it to completion, by contract or otherwise, and may exclude the Contractor from the site. The City may take possession of the Work and of all of the Contractor's tools, appliances, construction equipment, machinery, materials, and plant which may be on the site of the Work, and use the same to the full extent they could be used by the Contractor, without liability to the Contractor. In exercising the City's right to prosecute the completion of the work, the City may also take possession of all materials and equipment stored at the site or for which the City has paid the Contractor but which are stored elsewhere, and finish the Work as the City deems expedient. In such case, the Contractor shall not be entitled to receive any further payment until the Work is finished.

C. If the unpaid balance of the Contract Price exceeds the direct and indirect costs and expenses of completing the Work, and all City damages including liquidated damages and compensation for additional professional and consultant services, such excess shall be used to pay the Contractor for the cost of the Work it performed and a reasonable allowance for overhead and profit. If such costs exceed the unpaid balance, the Contractor shall immediately upon demand pay the difference to the City. In exercising the City's right to prosecute the completion of the Work, the City shall have the right to exercise its sole discretion as to the manner, methods, and reasonableness of the costs of completing the Work, and the City shall not be required to obtain the lowest figure for Work performed in completing the contract. If the City takes bids for remedial Work or completion of the project, the Contractor shall not be eligible for the award of such contracts.

D. If the Contract is terminated, the City may demand that the Contractor's Surety take over and complete the Work on the Contract. The City may require that in so doing, the Contractor's Surety not utilize the Contractor in performing the Work. Upon the failure or refusal of the Contractor's Surety to take over and begin completion of the Work within 20 days after the demand, the City may take over the Work and prosecute it to completion as provided above.

E. The City shall have the option of requiring any, all or none of the Subcontractors to perform according to their subcontracts and may assign any or all of the subcontracts to a general contractor

selected to complete the Work.

F. If the City takes over the Work, unexecuted orders entered into by the Contractor for performance of any part of the Work will be effective upon acceptance by the City in writing and only as to those subcontracts and purchase orders which the City designates in writing.

G. The Contractor shall be liable for any damage to the City resulting from the termination or from the Contractor's refusal or failure to complete the Work, and for all costs necessary for repair and completion of the Project over and beyond the amount of the Contract. The Contractor shall be liable for all legal fees and costs required to enforce the provisions of the Contract.

H. If the City terminates the Contract, the Contractor shall remain liable for liquidated damages for delay until such reasonable time as may be required for final completion of the Work. Such damages shall be in addition to and not in lieu of any other damages sustained by City in completing the Work.

I. In the event the Contract is terminated, the termination shall not affect any rights of the City against the Contractor. The rights and remedies of the City under this section are in addition to any other rights and remedies provided by law or under this Contract. Any retention or payment of monies to the Contractor by the City will not release the Contractor from liability.

J. If the Contract is terminated under this section, and it is determined for any reason that the Contractor was not in default under the provisions of this Section, the termination shall be deemed a Termination for Convenience of the City and, the rights and obligations of the parties shall be determined in accordance with the following section.

ARTICLE 32
TERMINATIN FOR CONVENIENCE OF THE CITY

The City, by written notice to the Contractor, may terminate this Contract in whole or in part when sufficient appropriated or other funds are not available or in the sole discretion of the City it is in the City's best interest. In such case, the Contractor shall be paid for all Work executed and reasonable termination expenses, and a reasonable allowance for profit and overhead on Work done, provided that such payments exclusive of termination expenses shall not exceed the total Contract Price as reduced by other contract payments previously made to the Contractor and as further reduced by the value of the Work as yet not completed. The Contractor shall not be entitled to profit and overhead on Work, which was not performed.

ARTICLE 33
ASSIGNMENT OF CONTRACT

Contractor shall not assign any amount or part of the Contract or any of the funds to be received under the Contract unless Contractor has the prior written approval of the City and the Contractor's Surety has been given notice and has given written consent to any such assignment.

ARTICLE 34
LAW TO GOVERN

This Contract is made under and shall be construed in accordance with the laws of the State of Arizona. If any portion of this Contract is found to be unenforceable the rest and remainder of the Contract shall remain in full force and effect so as to effectuate the intent of the parties. Each party acknowledges that it has had an opportunity to review this Contract with counsel and this document shall be construed fairly and equitably so as to effectuate the intention of the parties irrespective of who is determined to have been the drafter of the document.

ARTICLE 35
E-VERIFY REQUIREMENTS

To the extent applicable under Ariz. Rev. Stat. §41-4401, the Contractor and its subcontractors or subconsultants warrant compliance with all federal immigration laws and regulations that relate to their employees and compliance with the E-verify requirements under Ariz. Rev. Stat. §23-214(A). The Contractor's or its subcontractor's or subconsultant's failure to comply with such warranty shall be deemed a material breach of this Agreement and may result in the termination of this Agreement by the City.

ARTICLE 36
COMPLIANCE WITH FEDERAL IMMIGRATION LAWS AND REGULATIONS

Consultant warrants that it complies with all Federal Immigration laws and regulations that relate to its employees and complies with A.R.S. § 23-214.A. Consultant acknowledges that pursuant to A.R.S. § 41-4401 and effective September 30, 2008, a breach of this warranty is a material breach of this contract subject to penalties up to and including termination of this contract, and that the City retains the legal right to inspect the papers of any employee who works on the contract to ensure compliance with this warranty.

ARTICLE 37
ISRAEL

Pursuant to Arizona Revised Statute § 35-393.01, Contractor certifies that it is not currently engaged in, and agrees for the duration of the Contract to not engage in, a boycott of Israel, or any entity that does business in Israel or any territories controlled by Israel.

EXHIBIT B
SPECIAL PROVISIONS

SECTION 500

Form 1, The Bidder's Information Form: Required to be submitted with each bid.

All other forms in this section: To be completed by the apparent low bidder and submitted by the deadline indicated on the form. If there is no deadline on the form, it should be submitted within 5 days of notification of bid results.

Form	Title
1	BIDDERS INFORMATION FEDERALY FUNDED PROJECT FORM (required with the bid)
FORMS 2-13 are required by the apparent low bidder no later than 5 business days after the bid opening.	
2	CERTIFICATION ON FEDERALLY FUNDED CONTRACTS PUBLIC LAW 100-690, SECTION 5152 DRUG-FREE WORKPLACE ACT OF 1988
3	EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION
4	AFFIRMATIVE ACTION PLAN STATEMENT
5	SECTION 3 CLAUSE
6	CERTIFICATION FOR BUSINESS CONCERNS SEEKING SECTION 3
7	SECTION 3 STATEMENT OF WORKFORCE NEEDS
8	SECTION 3 RESIDENT SELF-CERTIFICATION
9	BIDDER'S ASSURANCE OF COMPLIANCE WITH TITLE 49 PART 23 RELATING TO MINORITY BUSINESS ENTERPRISE PARICIPATION
10	MINORITY AND WOMEN BUSINESS ENTERPRISE – JOB REPORT
11	CERTIFICATION OF UNDERSTANDING AND AUTHORIZATION LABOR STANDARDS AND DAVIS BACON
12	AUTHORIZATION FOR DEDUCTIONS: REQUEST FOR CERTIFICATION OF APPLICABLE FRINGE BENEFIT PAYMENTS FOR DAVIS BACON PAYROLLS
13	IMMIGRATION LAW AND REGULATIONS CERTIFICATION

BIDDERS INFORMATION FORM
FEDERALY FUNDED PROJECT

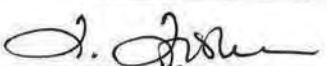
Form 1

Project Name:	Buckeye Community Center Kitchen Remodel & Addition
City/Town	Buckeye, AZ

NOTICE TO PRIME AND LOWER TIER CONTRACTORS

THIS IS A FEDERALLY FUNDED PROJECT

The following information regarding the prime contractor is required to be submitted WITH YOUR BID. Following award, the prime will supply the forms to the lower tier contractors as a part of the pre Notice to Proceed paperwork.

Company Name:	GCON Inc.
Phone:	623-581-6300
Street # and Street Name or P.O. Box:	1606 W Whispering Wind Dr.
City:	Phoenix
State:	AZ
Zip:	85085
Federal ID number or Social Security number:	68-0542135
Type of License:	Contractor License
License number:	B1-ROC 182765
DUNS number:	189633568
All Bidders must be registered in SAM.gov (System for Award Management) prior to award. All subcontractors must be registered in SAM.gov prior to the issuance of the Notice to Proceed.	
Owner Name:	Tiffany Fisher
Date:	10/18/21
Signature	

CERTIFICATION ON FEDERALLY FUNDED CONTRACTS **Form 2**
PUBLIC LAW 100-690, SECTION 5152
DRUG-FREE WORKPLACE ACT OF 1988

The OWNER has adopted a policy and certified to all Federal Agencies that have granted federal funds to the OWNER that OWNER will provide a drug-free workplace for our employees and that Contractors providing property or services to OWNER with a value of $25,000 or more under a federally funded contract must also provide a drug-free workplace for their employees.

DRUG-FREE WORKPLACE REQUIREMENTS FOR CONTRACTORS ON FEDERALLY FUNDED CONTRACTS

(A) DRUG-FREE WORKPLACE REQUIREMENT.

(1) REQUIREMENT FOR PERSONS OTHER THAN INDIVIDUALS. -- No person, other than an individual, shall be considered a responsible source, under the meaning of such term as defined in the section 4(8) of the Office of Federal Procurement Policy Act [41 U.S.C. 403(8)], for the purposes of being awarded a contract for the procurement of any property or services of a value of $25,000 or more from any Federal agency unless such person has certified to the contracting agency that it will provide a drug-free workplace by -

(a) publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited in the persons workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(b) establishing a drug-free awareness program to inform employees about

(i) the dangers of drug abuse in the workplace;

(ii) the person's policy of maintaining a drug-free workplace;

(iii) any available drug counseling, rehabilitation, and employee assistance programs; and

(iv) the penalties that may be imposed upon employees for drug abuse violation;

(c) making it a requirement that each employee to be engaged in the performance of such contract be given a copy of the statement required by subparagraph (A);

(d) notifying employees in the statement required by subparagraph (A), that as a condition of employment on such contract, the employee will-

(i) abide by the terms of the statement; and

(ii) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction;

(e) notifying the contracting agency within ten (10) days after receiving notice under subparagraph (D)(ii) from an employee or otherwise receiving actual notice of such conviction;

(f) imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted, as required by section 5154; and

(g) making a good faith effort to continue to maintain a drug-free workplace through implementation of subparagraphs (A), (B), (C), (D), (E), and (F).

(2) REQUIREMENT FOR INDIVIDUALS. No Federal agency shall enter into a contract with an individual unless such contract includes a certification by the individual that the individual will not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract.

(B) SUSPENSION, TERMINATION, OR DEBARMENT OF THE CONTRACTOR.

(1) GROUNDS FOR SUSPENSION, TERMINATION, OR DEBARMENT. -- Each federally -funded contract shall be subject to suspension of payments under the contract or termination of the contract, or both, and the contractor thereunder or the individual who entered the contract, as applicable, shall be subject to suspension or debarment in accordance with the requirements of this section if the head of the contracting agency determines that -

(a) the contractor or individual has made a false certification under subsection (a);

(b) the contractor violates such certification by failing to carry out the requirements of subparagraph (A), (B), (C), (D), (E), or (F) of subsection (a)(1); or

(c) such a number of employees of such contractor have been convicted of violations occurring in the workplace as to indicate that the contractor has failed to make a good faith effort to provide a drug-free workplace as required by subsection (a).

(2) CONDUCT OF SUSPENSION, TERMINATION, AND DEBARMENT PROCEEDINGS. -

(a) If a contracting officer determines, in writing, that cause for suspension of payments, termination, or suspension or debarment exists, an appropriate action shall be initiated by a contracting officer of the agency, to be conducted by the agency concerned in accordance with the Federal Acquisition Regulation and applicable agency procedures.

(b) The Federal Acquisition Regulation shall be revised to include rules for conducting suspension and debarment proceedings under this subsection, including rules providing notice, opportunity to respond in writing or in person, and such other procedures as may be necessary to provide a full and fair proceeding to a contractor or individual in such proceeding.

(3) EFFECT OF DEBARMENT. -- Upon issuance of any final decision under this subsection requiring debarment of a contractor or individual, such contractor or individual shall be ineligible for award of any contract by any Federal agency, and for participation in any future procurement by any Federal agency, for a period specified in the decision, not to exceed (5) years.

BY SUBMISSION OF ITS BID OR PROPOSAL, THE UNDERSIGNED CONTRACTOR _____ , ACKNOWLEDGES RECEIPT OF THIS PUBLIC LAW INFORMATION AND CERTIFIES IT WILL COMPLY WITH THE DRUG-FREE WORKPLACE REQUIREMENTS DESCRIBED ABOVE. THE UNDERSIGNED CONTRACTOR HEREBY AGREES THAT THIS CERTIFICATION SHALL BECOME, WITHOUT ANY FUTURE ACTION OF THE PARTIES, A BINDING AND ENFORCEABLE PROVISION OF ANY CONTRACT RELATING TO THE ACTIVITY OR PROJECT DESCRIBED IN THESE SPECIFICATIONS UPON AWARD OF A CONTRACT TO CONTRACTOR.

CONTRACTOR/SUBCONTRACTOR	
ADDRESS	
CITY, STATE, ZIP	
FEDERAL ID NO.	
DATE	
AUTHORIZED SIGNATURE	

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION Form 3

200.420 Equal Opportunity Clause to be included in contracts and subcontracts.

(a) The following equal opportunity clause shall be included in each contract and subcontract which is not exempt: During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of the nondiscrimination clause.

(2) The contractor will in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard race, creed, color, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided, advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notices in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order 10925 of March 6 1961, as amended, and of the regulations, and relevant orders of the President's Committee on Equal Employment Opportunity created thereby.

(5) The contractor will furnish all information and reports required by Executive Order 10925 of March 6, 1961, as amended, and by the regulations, and orders of the said Committee, or pursuant thereto, and will permit access to his books, records, and accounts by HUD and the Committee for purposes of investigation to ascertain compliance with such regulations, and orders.

(6) In the event of the contractor's non-compliance with the nondiscrimination clause of this contract or with any of the said regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or Federally-assisted construction contracts in accordance with procedures authorized in Executive Order 10925 of March 6, 1961, as amended, and such other sanctions may be imposed and remedies invoke s provided in the said Executive Order or by regulations, or order of the President's Committee on Equal Employment Opportunity, or as otherwise provided by law.

(7) The contractor will include the provisions of Paragraphs(1) through (7) in every subcontract or purchase order unless exempted by regulations, or orders of the President's Committee on Equal Employment Opportunity issued pursuant to Section 303 of Executive Order 10925 of March 6, 1961, as amended, so that such provisions will be binding upon each subcontractor or vender. The contractor will take such action with respect to any subcontract or purchase orders as HUD may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vender as a result of such direction by HUD, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

(b) Except in subcontracts for the performance of construction work at the site of construction, the clause is not required to be inserted in subcontracts below the second tier. Subcontracts may incorporate by referenced to the equal opportunity clause.

Name of Contractor/ Subcontractor:	
Signature:	
Title:	
Date:	

(In the event a prospective contractor and/or subcontractor does not have such an Affirmative Action Plan for employment practices, the following is for your information and may be used as an alternative. Such a plan is necessary to meet Federal requirements for CDBG funded projects).

_____

(Individual or Company Responsible)

undertakes a program of Affirmative Action, to which good faith efforts will be directed to:

1. Determine the extent to which minorities and women are utilized.

2. Identify and eliminate employment practices, which have an adverse impact on minorities, women and others protected by applicable law.

3. Develop recruitment efforts and measures to ensure that qualified minorities, women, and handicapped persons are included to help reduce underutilization.

4. Establish organizational structures and monitoring systems which will assure effective operation of the affirmative action program.

Signature of Responsible Party	
Address, City, State, Zip	
Date	

NOTE: The bidder's execution of the signature portion of this proposal shall also constitute execution of this assurance.

CERTIFICATION OF 24 CFR part 75 Section 3 Clause **Form 5**

1. The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (Section 3). The purpose of Section 3 is to ensure that the employment and other economic opportunities generated by HUD assistance or HUD-assisted activities covered by Section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

2. The parties to this contract agree to comply with HUD's regulations in 24 CFR part 75, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 75 regulations.

3. The contractor agrees to

a. Send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this Section 3 clause.

b. Post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice.

The notice shall describe the Section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

4. The contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 75, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 75. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 75.

5. The contractor will certify that any vacant employment positions, including training positions, that are filled

a. after the contractor is selected but before the contract is executed, and

b. with persons other than those to whom the regulations of 24 CFR part 75 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 75.

6. Noncompliance with HUD's regulations in 24 CFR part 75 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

7. With respect to work performed in connection with Section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of Section 3 and section 7(b) agree to comply with Section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

Low Bidder: Company Name	
Title (please print)	
Date	
Signature	
Name (please print)	

CERTIFICATION FOR BUSINESS CONCERNS SEEKING SECTION 3

Form 6

Business Name:	
Primary contact:	
Address:	
City/Town:	
State:	
Zip:	
Phone:	
E-Mail Address:	
Business Type:	☐ Corporation ☐ Partnership ☐ Sole Proprietorship
Business ROC License:	

DETERMINATION:

Please choose one of the following options

- ☐ (1) At least 51% of the business is owned and controlled by a low- or very low-income person; or
- ☐ (2) At least 51% of the business is owned and controlled by a current resident of public housing or resident who currently lives in Section 8-assisted housing; or
- ☐ (3) Over 75% of the labor hours performed for the business during the previous three (3) months are performed by low- or very low-income persons; or
- ☐ (4) None of the above

DOCUMENTATION:

I. For ownership options (1) or (2) provide **one** form the following documentation for each owner:

Federal Income Tax Returns	**or**	**Evidence of Public Assistance**

II. For qualifying as Section 3 business concern by labor hours performed by low- or very low-income persons provide the following:

List of all current Full-Time employees	**and**	**Self-Certification Income forms for all employees earning less than 80% of median income.**

2021	Income Limits - Maricopa County, Arizona							
	Persons in the Household							
	1	2	3	4	5	6	7	8
80% of Area Median Income	44,250	50,600	56,900	63,200	68,300	79,350	78,400	83,450

Section 3 Income Verification, Self-Certification
Personal and Confidential

Project: _____

Name: _____
Last Name First Name M.I.

Address: _____
Street City Zip

Company: _____

Phone No. _____ Female Male

Job Title: _____

It is the policy of these employers to provide equal opportunity to all of the employees and applicants for employment and to ensure that there be no discrimination against any persons on the grounds of race, color, national origin, political affiliation, sexual preference, age, or sex. The following questions are for the purpose of tracking the hiring benefits of this project and are optional and will remain confidential. This information will not be made a part of your personnel records.

Race/Ethnic Group (circle or circle and describe)

Black/ African American	Am. Indian / Native American	Asian / Pacific Islander
White/Caucasian	Hispanic / Latino	Multi-Racial
Other (describe)		

Answer the question by circling the correct response:

Did you earn less than $44,250 last year?	Yes	No
Were you a YouthBuild participant?	Yes	No
Are you living, or during the past 5 years have you lived, in public housing or Section 8-assisted housing?	Yes	No

Certification and Agreement

This information will be used to ensure compliance with U.S. Department of Housing and Urban Development Section 3 eligibility requirements. With your signature, you are certifying that the above information is correct to the best of your knowledge; falsifying information on this form is a federal offense. The penalty for making false statements is prescribed in the US Criminal Code 18 U.S.C. 1001.

Signature: _____

BIDDER'S ASSURANCE OF COMPLIANCE WITH TITLE 49 PART 23 RELATING TO MINORITY BUSINESS ENTERPRISE PARICIPATION

Form 9

LIST OF SUBCONTRACTORS AND SUPPLIES

Prime Contractor:	
Date:	
Authorized Officer (Signature):	
Project No:	

In an effort to achieve greater utilization of minority and women-owned firms in overall OWNER contracting, the OWNER certifies to the Department of Housing and Urban Development (HUD) that a good faith effort is made to follow the requirements in the employment of the minority and women-owned enterprises. In compliance with Federal Regulation's and to assure a good faith effort has been extended, the OWNER requires that all successful bidders complete this information below. Submit this information with other necessary federal information and forms to the Compliance Officer before your executed contract documents. This document is an integral part of your good faith effort and compliance when working on a federal project.

The above signer certifies that bids were solicited from the following subcontractors and suppliers to perform the designated categories of work under this contract. Designate minority and women subcontractors and suppliers with an asterisk (*). (In "Result of Bid" column indicate "Responsive", "Non-Responsive" or "Accepted").

SUBCONTRACTORS CONTACTED

Bid Items	Firm Name & Phone Number	Owner Race/Gender	Results of Bid

List:

- All subcontractors to be paid through this project with Federal ID # and DUNS #.
- Any known minority or women owned businesses that will be working on this project (Hispanic, African-American, Women, etc.)

Is the **prime** contractor a Minority or Women Owned Business?	☐	Yes	or ☐	No
If yes, what category?	☐	MBE	or ☐	WBE

Subcontractor Name	Address: Street, City, ST, Zip	Federal ID#	DUNS #	Minority / Women Owned (if yes, indicate category)	Subcontract Amount

Attach additional copies of this page as needed.

Signature of Prime Contractor:	
Date:	
Printed Name:	
Prime Contractor's Federal ID#:	

THIS INFORMATION IS DUE WITH CERTIFICATE OF UNDERSTANDING BEFORE THE ISSUANCE OF THE NOTICE TO PROCEED

Category codes if minority owned business.

1= White Americans
2= Black/African Americans
3= Hispanic Amerians
4= Asian/Pacific American
5= Hasidic Jews

CERTIFICATION OF UNDERSTANDING AND AUTHORIZATION **Form 11**
LABOR STANDARDS AND DAVIS BACON

To be completed by each contractor and subcontractor working on the project and submitted to the Owner's representative at least 5 days before the proposed Start of Construction.

Project Name:	

This is to certify that the principals, and the authorized payroll officer below, have read and understand the Minutes of the Preconstruction Conference and the labor standards clauses and Davis Bacon requirements pertaining to the subject project.

The following person(s) is designated as the payroll officer for the undersigned and is authorized to sign the Statement of compliance which will accompany our weekly certified payroll reports for this project:

Payroll Officer (Name):	
Payroll Officer (Signature):	
IRS Employer Identification Number:	
Contractor/Subcontractor:	
By (Signature):	
Title:	
Date:	

(COMPANY LETTERHEAD)

To be completed by each contractor and subcontractor working on the project and submitted to the Owner's representative at least 5 days before the proposed Start of Construction.

The undersigned authorize deductions, as noted, to be made from their wages. It is understood that these deductions are:

a) in the interest of the employee,
b) not a condition of employment,
c) no direct or indirect financial benefit accruing to the employer,
d) not otherwise forbidden by law.

	EMPLOYEES NAME	DATE	AMOUNT	PURPOSE
Print Name				
Sign Name				
Print Name				
Sign Name				
Print Name				
Sign Name				
Print Name				
Sign Name				
Print Name				
Sign Name				
Print Name				
Sign Name				

Signature of Authorized Representative of Employer:	
Authorized Representative's Name and Title:	
Date:	

The President's Executive Order 13465 of June 6, 2008 and Arizona Revised Statutes (A.R.S.) Section 41-4401, require Maricopa County to ensure that each government entity, contractor and subcontractor it conducts business with complies with federal immigration laws and regulations that relate to their employees and A.R.S. Section 23-214, Subsection A. All governmental entities, vendors, contractors and subcontractors MUST certify use of the *E-Verify* system established by the Department of Homeland Security.

All contractors and subcontractors must certify compliance with items 1 and 2 below.

1. The government entity, organization or company shown below is in compliance with the Immigration Reform and Control Act of 1986 in relation to all employees performing work in the United States and does not knowingly employ persons in violation of the United States Immigration laws. The government entity, organization or company shown below will obtain this certification from all subcontractors who will participate in the performance of this contract and maintain subcontractor certifications for inspection by the County if such inspection is requested; and

2. By the date of the delivery of the product and/or performance of services, the government entity, organization or company shown below will have implemented or will be in the process of implementing the *E-Verify* program for all newly hired employees in the United States who will perform work on behalf of the Maricopa County.

I certify that the government entity, organization or company shown below is in compliance with items 1 and 2 above and that I am authorized to sign on its behalf.

Organization/Company Name:	
Date:	
Telephone Number:	
Authorized Signature:	
Printed Name:	
Title:	

Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A. 1. (i) Minimum Wages. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section l(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible, place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefor only when the following criteria have been met:

(1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(2) The classification is utilized in the area by the construction industry; and

(3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)

(c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

(d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii)(b) or (c) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part

of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. Withholding. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work, all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act contracts.

3. (i) Payrolls and basic records. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section l(b)(2)(B) of the Davis-bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5 (a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section l(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

(ii) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i) except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at *http://www.dol.gov/esa/whd/forms/wh347instr.htm* or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant sponsor, or owner, as the case may be, for transmission to HUD or its designee, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this subparagraph for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to HUD or its designee. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)

(b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5 (a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph A.3.(ii)(b).

(d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under subparagraph A.3.(i) available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant ',to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by

the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under 29 CFR Part 5 shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract

6. Subcontracts. The contractor or subcontractor will insert in any subcontracts the clauses contained in subparagraphs 1 through 11 in this paragraph A and such other clauses as HUD or its designee may by appropriate instructions require, and a copy of the applicable prevailing wage decision, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this paragraph.

7. Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.

10. (i) Certification of Eligibility. By entering into this contract the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1 01 0, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part: "Whoever, for the purpose of . . . influencing in any way the action of such Administration..... makes, utters or publishes any statement knowing the same to be false..... shall be fined not more than $5,000 or imprisoned not more than two years, or both."

11. Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

B. Contract Work Hours and Safety Standards Act. The provisions of this paragraph B are applicable where the amount of the prime contract exceeds $100,000. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subparagraph (1) of this paragraph, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the clause set forth in sub paragraph (1) of this paragraph.

(3) Withholding for unpaid wages and liquidated damages. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.

C. Health and Safety. The provisions of this paragraph C are applicable where the amount of the prime contract exceeds $100,000.

(1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.

(2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act, (Public Law 91-54, 83 Stat 96). 40 USC 3701 et seq.

(3) The contractor shall include the provisions of this paragraph in every subcontract so that such provisions will be binding on each subcontractor. The contractor shall take such action with respect to any subcontractor as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

"General Decision Number: AZ20210031 10/08/2021

Superseded General Decision Number: AZ20200031

State: Arizona

Construction Type: Building

County: Maricopa County in Arizona.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate,if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/01/2021
1	02/26/2021
2	05/21/2021
3	07/23/2021
4	08/06/2021
5	09/03/2021
6	09/10/2021
7	10/08/2021

ASBE0073-002 08/01/2020

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR	$ 42.83	14.53

BOIL0627-001 01/01/2021

	Rates	Fringes
BOILERMAKER	$ 36.07	30.59

BRAZ0003-009 07/01/2021

	Rates	Fringes
BRICKLAYER	$ 31.68	8.90

ZONE PAY:

(Radius miles from the intersection of Central Ave. and Washington St., Phoenix, AZ)

Zone A: 0-60 miles- Base Rate
Zone B: 61-75 miles- Base Rate plus $2.00 per hour
Zone C: 75-100 miles- Base Rate plus $3.00 per hour
Zone D: 101-200 miles- Base Rate plus $3.50 per hour
Zone E: Over 200 miles- Base Rate plus $6.50 per hour

CARP0408-009 07/01/2021

	Rates	Fringes
CARPENTER (Excludes Acoustical Ceiling Installation, Drywall Finishing/Taping, Drywall Hanging, Form Work, and Metal Stud Installation)	$ 30.44	12.73

CARP1327-001 07/01/2019

	Rates	Fringes
CARPENTER (Drywall Hanging Only)	$ 26.24	8.86

ELEC0640-005 07/01/2021

	Rates	Fringes
ELECTRICIAN (Includes Low Voltage Wiring; Excludes Installation of Alarms and Sound and Communication Systems)	$ 32.00	12.41

ENGI0428-012 06/01/2021

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
(1) Oiler	$ 28.59	12.12
(2) Crane under 15 tons	$ 31.86	12.12
(3) Crane,15 tons to 100 tons, Tower Crane	$ 32.94	12.12
(4) Crane, 100 tons and over	$ 22.97	12.12

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* IRON0075-011 04/01/2021

	Rates	Fringes
IRONWORKER, STRUCTURAL AND ORNAMENTAL	$ 28.80	19.35

Zone 1: 0 to 50 miles from City Hall in Phoenix or Tucson
Zone 2: 050 to 100 miles - Add $4.00

Zone 3: 100 to 150 miles - Add $5.00
Zone 4: 150 miles & over - Add $6.50

LABO1184-010 06/01/2021

	Rates	Fringes
LABORER (MASON TENDER-BRICK).....	$ 21.63	6.27

PAIN0086-006 04/01/2017

	Rates	Fringes
DRYWALL FINISHER/TAPER		
ZONE A.....	$ 20.05	6.68
ZONE B.....	$ 23.55	6.68

ZONE PAY:

ZONE A: Free Zone: A distance of 0 to 100 miles from the old Phoenix courthouse.

ZONE B: A distance of 101 miles and over from the old Phoenix courthouse: $3.50 per hour over ZONE A

PLAS0394-001 07/01/2019

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	$ 25.08	8.57

PLUM0469-002 07/01/2021

	Rates	Fringes
PLUMBER/PIPEFITTER		
Coconino, Maricopa, and Yuma.....	$ 41.90	17.40
Pima.....	$ 39.50	17.40

SFAZ0669-001 04/01/2020

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	$ 34.35	24.52

SHEE0359-002 07/01/2021

	Rates	Fringes
SHEET METAL WORKER: (HVAC Duct Installation Only)		
Zone 1.....	$ 38.93	19.28

SUAZ2012-020 05/30/2012

	Rates	Fringes
ACOUSTICAL CEILING MECHANIC.....	$ 21.14	3.14
CARPENTER (Form Work Only).....	$ 19.67	5.45

CARPENTER (Metal Stud Installation)	$ 16.23	0.00
CAULKER	$ 16.01	0.00
ELECTRICIAN (Alarm Installation)	$ 18.31	4.68
ELECTRICIAN (Installation of Sound and Communication Systems)	$ 17.20	2.87
FIREPROOFER	$ 15.00	0.00
GLAZIER	$ 18.67	1.44
INSTALLER - SIGN	$ 19.16	3.58
INSULATOR - BATT	$ 11.96	3.06
IRONWORKER, REINFORCING	$ 14.92	0.00
LABORER: Asphalt Raker	$ 15.18	1.30
LABORER: Common or General	$ 13.80	2.24
LABORER: Concrete Saw (Hand Held/Walk Behind)	$ 21.00	7.37
LABORER: Fence Erection	$ 19.73	0.00
LABORER: Landscape & Irrigation	$ 11.33	0.43
LABORER: Mason Tender - Cement/Concrete	$ 15.24	3.90
LABORER: Pipelayer	$ 15.10	0.85
LABORER: Plaster Tender	$ 12.00	0.00
LABORER: Power Tool Operator	$ 14.85	4.20
LATHER	$ 16.15	0.00
MASON - STONE	$ 18.48	0.82
MILLWRIGHT	$ 20.00	2.87
OPERATOR: Backhoe/Excavator/Trackhoe	$ 19.20	2.47
OPERATOR: Bulldozer	$ 21.12	6.14
OPERATOR: Drill Rig Caissons	$ 19.06	2.39
OPERATOR: Drill	$ 19.16	0.00
OPERATOR: Forklift	$ 17.36	0.00
OPERATOR: Grader/Blade	$ 21.00	7.07
OPERATOR: Loader (Front End)	$ 18.55	0.95
OPERATOR: Paver (Asphalt,		

Aggregate, and Concrete).....$ 21.09 3.96

OPERATOR: Roller.....$ 25.00 0.00

OPERATOR: Scraper.....$ 21.41 0.00

OPERATOR: Screed.....$ 22.17 4.42

OPERATOR: Trencher.....$ 15.01 0.58

PAINTER: Brush, Roller,
Spray and Steel.....$ 16.53 2.63

PLASTERER.....$ 16.71 0.00

ROOFER, Includes
Waterproofing, and
Installation of Metal Roofs.....$ 16.71 1.67

SHEET METAL WORKER, Excludes
HVAC Duct Installation.....$ 18.85 2.79

TERRAZZO WORKER/SETTER.....$ 21.13 0.00

TILE FINISHER.....$ 12.50 0.00

TILE SETTER.....$ 15.00 0.00

TRUCK DRIVER: Dump Trucks.....$ 15.55 1.42

TRUCK DRIVER: Pickup Truck.....$ 11.00 0.87

TRUCK DRIVER: Water Truck.....$ 17.72 4.21

TRUCKDRIVER: 3 and 4 Axle.....$ 19.29 1.36

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION"

EXHIBIT C
TECHNICAL SPECIFICATIONS
AND
PLANS

CITY OF BUCKEYE
Recreation Services Dept.

BUCKEYE, AZ

BUCKEYE SENIOR CENTER

KITCHEN ADDITION & REMODEL

PROJECT NO. 2016-020-031 TASK ORDER # 9

Technical Specifications

23 AUGUST 2021

Michael Wilson Kelly-Architects, Ltd.
331 N. First Avenue
Suite 108
Phoenix, Arizona 85003



Section
Number Title

DIVISION 1 - GENERAL REQUIREMENTS

01100 SUMMARY
01250 MEASUREMENT AND PAYMENT
01140 WORK RESTRICTIONS
01290 PAYMENTS
01310 PROJECT MANAGEMENT AND COORDINATION
01320 CONSTRUCTION PROGRESS DOCUMENTATION
01330 SUBMITTAL PROCEDURES
SUB-CONTRACTORS & MAJOR MATERIALS SUPPLIERS LIST-SAMPLE
01400 QUALITY CONTROL REQUIREMENTS
01420 REFERENCES
01500 TEMPORARY FACILITIES AND CONTROLS
01600 PRODUCT REQUIREMENTS
SUBSTITUTION REQUEST FORM- SAMPLE
01700 EXECUTION REQUIREMENTS
REQUEST FOR INTERPRETATION FORM- SAMPLE
01732 SELECTIVE DEMOLITION
01770 CLOSEOUT PROCEDURES
01781 PROJECT RECORD DOCUMENTS
01782 OPERATION AND MAINTENANCE DATA

DIVISION 2 - SITE CONSTRUCTION

02230 SITE CLEARING
02260 EXCAVATION, SUPPORT & PROTECTION
02300 EARTHWORK
GEOTECHNICAL ENGINEERING REPORT
02361 TERMITE CONTROL
02741 HOT-MIX ASPHALT PAVING
02751 CONCRETE PAVEMENT
02764 PAVEMENT JOINT SEALANTS
02810 IRRIGATION
02900 LANDSCAPING

DIVISION 3 - CONCRETE

03300 CAST-IN-PLACE CONCRETE

DIVISION 4 – MASONRY

04816	CONCRETE UNIT MASONRY UNITS

DIVISION 5 - METALS

05120	STRUCTURAL STEEL
05310	STEEL DECK
05500	METAL FABRICATIONS

DIVISION 6 - WOOD AND PLASTICS

06100	ROUGH CARPENTRY
06160	SHEATHING
06402	INTERIOR ARCHITECTURAL WOODWORK

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

07210	BUILDING INSULATION
07540	SPRAY-FOAM ROOFING
07141	COLD-FLUID APPLIED WATERPROOFING
07841	THROUGH PENETRATION FIRESTOP SYSTEMS
07920	JOINT SEALANTS

DIVISION 8 - DOORS AND WINDOWS

08111	STANDARD STEEL DOOR & FRAMES
08211	FLUSH WOOD DOORS
08313	ACCESS DOORS & FRAMES
08411	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08711	DOOR HARDWARE
08800	GLAZING

DIVISION 9 - FINISHES

09111	NON-LOAD BEARING STEEL FRAMING
09260	GYPSUM BOARD ASSEMBLIES
09310	CERAMIC TILE
09511	ACOUSTICAL PANEL CEILINGS
09651	RESILIENT FLOOR TILE
09653	RESILIENT WALL BASE AND ACCESSORIES
09911	EXTERIOR PAINTING
09912	INTERIOR PAINTING

DIVISION 10 – SPECIALTIES

10431	SIGNS
10522	FIRE EXTINGUISHER CABINETS
10523	FIRE EXTINGUISHERS

DIVISION 11 – EQUIPMENT

11310 FOOD SERVICE EQUIPMENT

DIVISION 12 - FURNISHINGS

112491 HORIZONTAL LOUVER BLINDS

SEE DRAWINGS FOR MECHANICAL, PLUMBING, ELECTRICAL & FIRE ALARM SPECIFICATIONS



SECTION 01100 - **SUMMARY**

PART 1 - GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

A. Project Identification: Project consists of PHASE I: New 1,450 square foot Kitchen Addition and PHASE II: 560 square foot Remodel of Existing Kitchen, Miscellaneous Improvements to Multi-purpose Room, and all associated demolition and improvements as indicated in the Drawings.

Project Location: **BUCKEYE SENIOR CENTER- Kitchen Addition & Remodel**
201 East Centre Avenue
Buckeye, AZ. 85326

1. Owner: **City of Buckeye**

B. Architect Identification: The Contract Documents consisting of Drawings & Technical Specifications dated 23 August 2021, 100% Construction Documents, were prepared for this project by:

Michael Wilson Kelly, Architects, Ltd.,
331 N. First Avenue, Suite 108, Phoenix, AZ. 85003
TEL: 480.433.3502 (mobile)
EMAIL: mike@mwkarch.com

C. The Work consists of all labor, materials, equipment, services, and transportation necessary to construct the Project.

1. **Site Preparation & Site Work, Landscaping, Utilities, Grading & Drainage, Selected Demolition, New 1,450 sf Kitchen Addition, Remodeling of 560 sf Existing Kitchen, and Miscellaneous Improvements as indicated in the Drawings.**

1.2 WORK SEQUENCE

A. The Work shall be conducted in two phases in order to remain operational during construction:

B. Phase I: Utilities, Site Work & New Addition.

C. Phase II: Remodel Existing Kitchen & Miscellaneous Improvements in Multi-purpose Room as indicated.

1. All Work of these phases shall be substantially complete in accordance with City of Buckeye Invitation for Bids (IFB).

1.3 USE OF PREMISES

A. General: Contractor shall have limited use of premises for construction operations, including use of Project site, during construction period. Contractor's use of premises is limited per City IFB Instructions.

1.4 WORK REQUIRING CONTRACTOR COORDINATION WITH PRE-EXISTING WORK

1. Utilities: Sewer, Domestic Water, Fire Lines & Riser, Gas and Electrical Service are existing. Utility Services are to remain functional during Construction to the greatest extent possible.

2. Earthwork, Rough Grading & Drainage: Contractor will be responsible for potholing to locate any existing conduit, pipes and utilities under the existing patio slab and for maintaining their effectiveness. Contractor shall be responsible for restoring perimeter grading to within 1 inch of perimeter concrete walkways affected by new work.

3. Landscaping: Perimeter: Protect existing landscaping and irrigation identified to remain during construction while installing new work in the Drawings. Terminate existing irrigation lines as required at ground floor Addition.

4. Interior Improvements: Maintain a high degree of public safety, safe access and operations, provide dust control and environmental quality compliance, and protect all existing unaffected adjacent improvements and systems during Construction. Coordinate operations closely with ACC Staff throughout the entire Construction period.

END OF SECTION 01100

SECTION 01125 – **MEASUREMENT AND PAYMENT**

PART 1 - GENERAL

1.01 SECTION INCLUDES:

A. Measurement and payment criteria applicable to Work performed under payment method as defined.

1.02 COSTS INCLUDED

A. Prices included on the Bid Form shall include full compensation for all labor, products, tools, equipment, plant, transportation, services and incidentals: erection, application or installation of an item of Work including Contractor's overhead, profit and sales tax.

1.03 UNIT QUANTITIES SPECIFIED

A. Quantities indicated in the Bid Form are for bidding and contract purposes only.

1.04 SUMMARY OF WORK REQUIREMENTS

A. Summary of the Scope of Work Description: Replace restroom building as specified in the Plans and Specifications. Measurement and payment for all pay items in the proposal shall be as specified in the applicable section of the Maricopa Association of Governments Uniform Standard specifications for Public Works Construction (MAG Specifications) latest edition, and supplements, and any applicable City specifications or Standards as specified in these Technical Specifications. In the event of a conflict between these Specifications and the requirements of the plans, detail drawings, or City Standard Details and the MAG Specifications, these Specifications shall prevail.

1.05 PAYMENT

A. Payment of the contract items shall be compensation in full for furnishing all overhead, labor, material, tools, equipment, and appurtenances necessary to complete the work in a good, neat, and satisfactory manner as indicated on the plans, or as specified, with all necessary connections and appurtenances for the satisfactory use of fully functional, up to current Codes, and safe operation of said item. No additional payment will be made for work related to each item unless specifically noted or specified. Measurement will be in place for the completed work with no allowances for waste.

1.06 PAYMENT ITEMS

A. Item 1 – Mobilization & Temporary Facilities

1. Description: The work under this section shall consist of preparatory work and operations, including, but not limited to, the movement of personnel, equipment, supplies, and incidentals to the project site; the establishment of mobile storage units, and other facilities necessary for work on the project; for all other work and operations that must be performed and costs incurred prior to beginning work on the project site. Mobilization shall include Temporary Facilities as described in Section 01500. This pay item also includes all work associated with demobilizing from the project site.
2. Method of Measurement: Mobilization & Temporary Facilities shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Mobilization & Temporary Facilities shall be paid as a percentage of the total work performed less the mobilization item. Payment for this item shall be based on the following Schedule:

Percentage of Construction Completed	Percent Payment
10%	25%
25%	50%
50%	100%

B. Item No. 2 – Selected Demolition & Removal
1. Description: The work under this item shall conform to the Project Plans, to MAG Section 350, and to the Technical Specifications. The Contractor shall carefully remove, salvage and return designated items identified for salvage to the City for their use. The Contractor shall take necessary measures to protect all existing Utilities, trees, site lighting, signage and other elements intended to remain on site. Demolition shall include removal of all materials and items noted on Demolition Plans.
2. Method of Measurement: Selected Demolition & Removal shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Selected Demolition & Removal shall be paid for as the contract lump sum price. This price shall be full compensation for the disassembling, removing, storing, and maintaining the materials, and for all labor, equipment, tools, and incidentals necessary to complete the item for the duration of the project.

C. Item No. 3 – Concrete Foundations with Cold Applied Bituminous Waterproofing Membrane, Concrete Saw-cutting, and Concrete Slabs on Engineered Fill
1. Description: The work under this item shall consist of all materials, equipment, and labor to install Concrete Foundations with cold applied Bituminous Waterproofing Membrane below grade where indicated, all Concrete Saw-cutting, and 4 inch Concrete Slabs over 4 inch Engineered Fill complete in place as specified and as shown on the Plans.

2. Method of Measurement: Concrete Foundations with Cold Applied Bituminous Waterproofing Membrane where indicated, Concrete Saw-Cutting, and 4 inch Concrete Slabs over 4 inch Engineered Fill shall be measured as a lump sum including all work required to complete in place as specified and shown on Plans.
3. Basis of Payment: Concrete Foundations with Cold Applied Bituminous Waterproofing Membrane where indicated, all Concrete Saw-Cutting, and 4 inch Concrete Slabs over 4 inch Engineered Fill shall be paid for per the Contract lump sum price upon completion.

D. Item No. 4 – Structural Steel, Metal Fabrications & Miscellaneous Metals
1. Description: The work under this item shall consist of all materials, equipment, and labor to furnish and install all Structural Steel, Metal Fabrications and Miscellaneous Metals including Steel Stairs, Steel Columns & Beams, Steel Imbeds, Steel Framing, Steel Lintels, Steel Decking and patch/repair of all affected Galvanized Steel Roof Decking and associated trims, and other Miscellaneous Metals complete in place as specified and as shown on the Plans.
2. Method of Measurement: all Steel and Miscellaneous Metals shall be measured as a lump sum including all work required to complete in place as specified and shown on plans.
3. Basis of Payment: all Steel and Miscellaneous Metals described above shall be paid for per the Contract lump sum price upon completion.

E.. Item No. 5 – Rough Carpentry, Wood Framing & Wood Sheathing
1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Rough Carpentry, Wood Framing Sheathing including all Wood Framing as required for the project.
2. Method of Measurement: Rough Carpentry, Wood Framing & Floor Sheathing shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Rough Carpentry, Wood Framing & Floor Sheathing shall be paid for as the Contract lump sum price upon completion.

F. Item No. 6 – Interior Architectural Millwork
1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Interior Architectural Millwork as required for the project.
2. Method of Measurement: Interior Architectural Millwork shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Interior Architectural Millwork shall be paid for as the Contract lump sum price upon completion.

G. Item No. 7 – Building Thermal & Acoustical Batt Insulation
1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install

Building Thermal & Acoustical Insulation, including wired to structure as required for the project.

2. Method of Measurement: Building Thermal & Acoustical Insulation shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Building Thermal & Acoustical Insulation shall be paid for as the Contract lump sum price upon completion.

H. Item No. 8– Spray Foam Roofing, Patch & Repair and Metal Flashing Specialties

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Spray Foam Roofing, Patch & Repair and Metal Flashing Specialties as required for the project.
2. Method of Measurement: Spray Foam Roofing, Patch & Repair and Metal Flashing Specialties shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Spray Foam Roofing, Patch & Repair and Metal Flashing Specialties shall be paid for as the Contract lump sum price upon completion.

I. Item No. 9 – Thru-Penetration Firestop Systems

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Thru-Penetration Firestop Systems as required for the project.
2. Method of Measurement: Thru-Penetration Firestop Systems shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Thru-Penetration Firestop Systems shall be paid for as the Contract lump sum price upon completion.

J. Item No. 10 – Joint Sealants, Caulking and Accessories

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Joint Sealants, Caulking and accessories as required for the project.
2. Method of Measurement: Joint Sealants, Caulking and accessories shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Joint Sealants, Caulking and accessories shall be paid for as the Contract lump sum price upon completion.

K. Item No. 11 – Flush Solid Wood Doors, Door Glazing & Hollow Metal Frames

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Flush Solid Wood Doors including Door Glazing where indicated and Hollow Metal Frames as required for the project.
2. Method of Measurement: Flush Solid Wood Doors including Door Glazing and Hollow Metal Frames shall be measured as a lump sum including all work required to complete the item.

3. Basis of Payment: Solid Wood Doors including Door Glazing and Hollow Metal Frames shall be paid for as the Contract lump sum price upon completion.

L. Item No. 12 – Hollow Metal Doors & Frames

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Hollow Metal Doors & Frames where indicated as required for the project.
2. Method of Measurement: Hollow Metal Doors & Frames shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Solid Wood Doors including Door Glazing and Hollow Metal Frames shall be paid for as the Contract lump sum price upon completion.

M. Item No. 13 – Access Doors & Frames

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Access Doors & Frames complete in place as specified and shown on the Plans.
2. Method of Measurement: Access Doors & Frames shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Access Doors & Frames shall be paid for per the Contract lump sum price upon completion.

N. Item No. 14 – Aluminum Framed Storefront Systems, Glazing & Window Tint Specialties

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Aluminum Framed Storefront System remodeling, new Interior Fixed Window Frames, Glazing and 3M Window Tinting Specialties complete in place as specified and shown on the Plans.
2. Method of Measurement: Aluminum Framed Storefront System remodeling, new Interior Fixed Window Frames, Glazing and 3M Window Tinting Specialties shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Aluminum Framed Storefront System remodeling, new Interior Fixed Window Frames, Glazing and 3M Window Tinting Specialties shall be paid for per the Contract lump sum price upon completion.

O. Item No. 15– City provided Door Hardware Vendors' Coordination

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Door Hardware and accessories complete in place in coordination with City of Buckeye Security Access Hardware vendor and Standard Hardware supplier/vendor.
2. Method of Measurement: Door Hardware Coordination shall be measured as a lump sum including all work required to complete in place in

coordination with City of Buckeye Security Access Hardware vendor and Standard Hardware supplier/vendor.

3. Basis of Payment: Door Hardware Vendors' Coordination shall be paid for per the Contract lump sum price upon completion.

P. Item No. 16– Non-Load Bearing Steel Framing & Furring Systems

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Non-Load Bearing Steel Framing & Furring complete in place as specified and shown on the Plans.
2. Method of Measurement: Non-Load Bearing Steel Framing & Furring shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Non-Load Bearing Steel Framing & Furring shall be paid for per the Contract lump sum price upon completion.

Q. Item No. 17 – Gypsum Board, Texture & Finishes

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Gypsum Board, Texture & Finishes as required for the project.
2. Method of Measurement: Gypsum Board, Texture & Finishes shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment Gypsum Board, Texture & Finishes shall be paid for as the Contract lump sum price upon completion.

R. Item No. 18 – Wall Cladding- FRP & Stainless Steel

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Wall Cladding- FRP & Stainless Steel as required for the project.
2. Method of Measurement: Wall Cladding- FRP & Stainless Steel shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Wall Cladding- FRP & Stainless Steel shall be paid for as the Contract lump sum price upon completion.

S. Item No. 19 – Ceramic Tile & Metal Edge Trims

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Ceramic Tile & Metal Edge Trims as required for the project.
2. Method of Measurement: Ceramic Tile shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Ceramic Tile & Metal Edge Trims shall be paid for as the Contract lump sum price upon completion.

T. Item No. 20 – Vinyl Composition Tile

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Vinyl Composition Tile as required for the project.
2. Method of Measurement: Ceramic Tile shall be measured as a lump sum including all work required to complete the item.

3. Basis of Payment: Ceramic Tile shall be paid for as the Contract lump sum price upon completion.

U. Item No. 21 – Quarry Tile Flooring & Coved Base

1. Description: The work under this item shall consist of furnishing all materials, labor, and equipment necessary to complete furnish and install Quarry Tile Flooring & Coved Base
2. Method of Measurement: Quarry Tile Flooring & Coved Base shall be measured as a lump sum including all work required to complete the item.
3. Basis of Payment: Quarry Tile Flooring & Coved Base shall be paid for as the Contract lump sum price upon completion.

V. Item No. 22 – Acoustical Panel Ceilings

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Acoustical Panel Ceilings complete in place as specified and shown on the Plans.
2. Method of Measurement: Acoustical Panel Ceilings shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Acoustical Panel Ceilings shall be paid for per the Contract lump sum price upon completion.

W. Item No. 23– Painting- Interior & Exterior

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Painting- Interior & Exterior, complete in place as specified and shown on the Plans.
2. Method of Measurement: Painting- Interior & Exterior, shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Painting- Interior & Exterior, shall be paid for per the Contract lump sum price upon completion.

X. Item No. 24 – Signage

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide Signage (including Restroom Signage, ADA Signage/Notices, halo LED Address Numerals and surface mounted Address Numerals) complete in place as specified and shown on the Plans.
2. Method of Measurement: Signage as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Signage as described above shall be paid for per the Contract lump sum price upon completion.

Y. Item No. 25 – Fire Extinguishers & Cabinets

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide all Fire Extinguishers & Cabinets complete in place as specified and shown on the Plans.

2. Method of Measurement: Fire Extinguishers & Cabinets as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Fire Extinguishers & Cabinets shall be paid for per the Contract lump sum price upon completion.

Z. NOT USED

AA. Item No. 27 – Commercial Kitchen Equipment, Walk-in Cooler & Freezer, Custom Stainless Steel Specialties, and all Appliances

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide all Commercial Kitchen Equipment, Walk-in Cooler & Freezer, Custom Stainless Steel Specialties, and all Appliances complete in place as specified and shown on the Plans.
2. Method of Measurement: Commercial Kitchen Equipment, Walk-in Cooler & Freezer, Custom Stainless Steel Specialties, and all Appliances as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Commercial Kitchen Equipment, Walk-in Cooler & Freezer, Custom Stainless Steel Specialties, and all Appliances shall be paid for per the Contract lump sum price upon completion.

BB. Item No. 28 – Horizontal Louver Blinds

1. Description: The work under this item shall consist all materials, equipment, and labor necessary to provide all Horizontal Louver Blinds complete in place as specified and shown on the Plans.
2. Method of Measurement: Horizontal Louver Blinds as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Horizontal Louver Blinds shall be paid for per the Contract lump sum price upon completion.

CC. Item No. 29 – Mechanical and Plumbing

1. Description: The work under this item shall consist of all materials, equipment, and labor necessary to provide all Mechanical and Plumbing specified and as shown on the Plans.
2. Method of Measurement: Mechanical and Plumbing as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Mechanical and Plumbing as described above shall be paid for per the Contract lump sum price upon completion.

DD. Item No. 30– Electrical & Lighting

1. Description: The work under this item shall consist of all materials, equipment, and labor to install Electrical & Lighting (including, but not limited to the following: Trenching and Backfill, Wire Feeds in Conduit, Conductors and Bond Wires, Terminations and Splices, Service Work including Power to New Distribution Panels, Power Wiring and Lighting Wiring in conduit, Convenience outlets and receptacles, and all Lighting Fixtures,

Miscellaneous Electrical Connections and Equipment including wire connectors, straps, brackets, splice kits, Unistrut supports, and mounting as required) complete in place as specified and shown on the Plans.

2. Method of Measurement: Electrical & Lighting as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Electrical & Lighting as described above shall be paid for per the Contract lump sum price upon completion.

EE. Item No. 31– Fire Alarm System

1. Description: The work under this item shall consist of all materials, equipment, and labor to install a new Fire Alarm System extending throughout the building.
2. Method of Measurement: Fire Alarm System as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Fire Alarm System as described above shall be paid for per the Contract lump sum price upon completion.

FF. Item No. 32– Automatic Fire Extinguishing System (AFES), i.e., Fire Sprinklers

1. Description: The work under this item shall consist of all materials, equipment, and labor to extend Fire Sprinklers to all new areas and existing sprinklers to be modified as required where remodeling occurs, complying with all current City of Buckeye published Fire Codes.
2. Method of Measurement: Fire Sprinklers as described above shall be measured as a lump sum including all work required to complete in place as specified and as shown on the Plans.
3. Basis of Payment: Fire Sprinklers as described above shall be paid for per the Contract lump sum price upon completion.

END OF SECTION 01025- MEASUREMENT AND PAYMENT

SECTION 01140 - **WORK RESTRICTIONS**

PART 1 - GENERAL

1.1 USE OF PREMISES

A. Use of Site: Limit use of premises to work in areas indicated. Do not disturb portions of site beyond areas in which the Work is indicated.

1. Limits: Confine construction operations to Limits of Construction as defined in the Drawings.
2. Driveways & Streets: Keep perimeter driveways and streets serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials.

1.2 OCCUPANCY REQUIREMENTS

A. Partial Owner Occupancy: Owner reserves the right to occupy and to place and install equipment in completed areas of building before Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placement of equipment and partial occupancy shall not constitute acceptance of the total Work.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01140

SECTION 01290 - **PAYMENT PROCEDURES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section specifies administrative and procedural requirements necessary to prepare and process Applications for Payment. These requirements are in addition to Owner Pay Application procedures.

1.2 SCHEDULE OF VALUES

A. Coordination: Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule.

1. Correlate line items in the Schedule of Values with other required administrative forms and schedules, including Submittals Schedule and Application for Payment forms with Continuation Sheets.
2. Submit the Schedule of Values to Architect at earliest possible date but no later than **seven** days before the date scheduled for submittal of initial Applications for Payment.
3. Sub-schedules: Where the Work is separated into phases requiring separately phased payments, provide sub-schedules showing values correlated with each phase of payment.

B. Format and Content: Use the Project Manual table of contents as a guide to establish line items for the Schedule of Values. Provide at least one line item for each Specification Section.

1. Identification: Include the following Project identification on the Schedule of Values:

a. Project name and location.
b. Name of Architect.
c. Architect's project number.
d. Contractor's name and address.
e. Date of submittal.

2. Arrange the Schedule of Values in tabular form with separate columns to indicate the following for each item listed:

a. Related Specification Section or Division.
b. Description of the Work.
c. Name of subcontractor.
d. Name of manufacturer or fabricator.
e. Name of supplier.
f. Change Orders (numbers) that affect value.

g. Dollar value.

1) Percentage of the Contract Sum to nearest one-hundredth percent, adjusted to total 100 percent.

3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the Project Manual table of contents. Provide several line items for principal subcontract amounts, where appropriate.
4. Round amounts to nearest whole dollar; total shall equal the Contract Sum.
5. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
6. Provide separate line items in the Schedule of Values for initial cost of materials, for each subsequent stage of completion, and for total installed value of that part of the Work.
7. Allowances: Provide a separate line item in the Schedule of Values for each allowance. Show line-item value of unit-cost allowances, as a product of the unit cost, multiplied by measured quantity. Use information indicated in the Contract Documents to determine quantities.
8. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.

   a. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the Schedule of Values or distributed as general overhead expense, at Contractor's option.

9. Schedule Updating: Update and resubmit the Schedule of Values before the next Applications for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum.

1.3 APPLICATIONS FOR PAYMENT

A. Each Application for Payment shall be consistent with previous applications and payments as certified by Architect and paid for by Owner.

   1. Initial Application for Payment, Application for Payment at time of Substantial Completion, and final Application for Payment involve additional requirements.

B. Payment Application Times: The date for each progress payment is indicated in the Agreement between Owner and Contractor. The period of construction Work covered by each Application for Payment is the period indicated in the Agreement.

C. Payment Application Times: The date for each progress payment is the **15th** day of each month. The period covered by each Application for Payment starts on the day following the end of the preceding period and ends **15** days before the date for each progress payment.

D. Payment Application Forms: Use **AIA Document G702 and AIA Document G703 Continuation Sheets**. Application Preparation: Complete every entry on form. Notarize and execute by a person authorized to sign legal documents on behalf of Contractor. Incomplete applications will be returned without action.

1. Entries shall match data on the Schedule of Values and Contractor's Construction Schedule. Use updated schedules if revisions were made.
2. Include amounts of Change Orders and Construction Change Directives issued before last day of construction period covered by application.

E. Transmittal: Submit **5** signed and notarized original copies of each Application for Payment to **Owner** (Anthem Community Council) **& Architect** electronically. One copy shall include waivers of lien and similar attachments if required.

1. Transmit each copy with a transmittal form listing attachments and recording appropriate information about application.

F. Waivers of Mechanic's Lien: With each Application for Payment, submit waivers of mechanic's lien from every entity who is lawfully entitled to file a mechanic's lien arising out of the Contract and related to the Work covered by the payment.

1. Submit partial waivers on each item for amount requested in previous application, after deduction for retainage, on each item.
2. When an application shows completion of an item, submit final or full waivers.
3. Owner reserves the right to designate which entities involved in the Work must submit waivers.
4. Submit final Application for Payment with or preceded by final waivers from every entity involved with performance of the Work covered by the application who is lawfully entitled to a lien.

G. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:

1. List of subcontractors.
2. Schedule of Values.
3. Contractor's Construction Schedule (preliminary if not final).
4. Submittals Schedule (preliminary if not final).
5. List of Contractor's staff assignments.
6. Copies of building permits.
7. Copies of authorizations and licenses from authorities having jurisdiction for performance of the Work.
8. Certificates of insurance and insurance policies.
9. Performance and payment bonds.
10. Data needed to acquire Owner's insurance.

H. Application for Payment at Substantial Completion: After issuing the Certificate of Substantial Completion, submit an Application for Payment showing 100 percent completion for portion of the Work claimed as substantially complete.

1. Include documentation supporting claim that the Work is substantially complete and a statement showing an accounting of changes to the Contract Sum.

2. This application shall reflect Certificates of Partial Substantial Completion issued previously for Owner occupancy of designated portions of the Work.

I. Final Payment Application: Submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:

1. Evidence of completion of Project closeout requirements.
2. Insurance certificates for products and completed operations where required and proof that taxes, fees, and similar obligations were paid.
3. Updated final statement, accounting for final changes to the Contract Sum.
4. AIA Document G706, "Contractor's Affidavit of Payment of Debts and Claims."
5. AIA Document G706A, "Contractor's Affidavit of Release of Liens,"
6. AIA Document G707, "Consent of Surety to Final Payment,"
7. Evidence that claims have been settled.
8. Final meter readings for utilities, a measured record of stored fuel, and similar data as of date of Substantial Completion or when Owner took possession of and assumed responsibility for corresponding elements of the Work.

END OF SECTION 01290

SECTION 01310 - **PROJECT MANAGEMENT AND COORDINATION**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following:

1. General Project coordination procedures.
2. Coordination Drawings.
3. Project meetings.

B. See Division 1 Section "Execution Requirements" for procedures for coordinating general installation and field-engineering services, including establishment of benchmarks and control points.

1.2 COORDINATION

A. Coordination: Coordinate construction operations included in various Sections of the Specifications to ensure efficient and orderly installation of each part of the Work. Coordinate construction operations, included in different Sections that depend on each other for proper installation, connection, and operation.

1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
2. Coordinate installation of different components with other contractors to ensure maximum accessibility for required maintenance, service, and repair.
3. Make adequate provisions to accommodate items scheduled for later installation.

B. If necessary, prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and list of attendees at meetings.

1. Prepare similar memoranda for Owner and separate Contractors if coordination of their Work is required.

C. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities and activities of other contractors to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:

1. Preparation of Contractor's Construction Schedule.
2. Preparation of the Schedule of Values.
3. Installation and removal of temporary facilities and controls.

4. Delivery and processing of submittals.
5. Progress meetings.
6. Pre-installation conferences.
7. Project closeout activities.

1.3 SUBMITTALS

A. Coordination Drawings: Prepare Coordination Drawings if limited space availability necessitates maximum utilization of space for efficient installation of different components or if coordination is required for installation of products and materials fabricated by separate entities.

1. Indicate relationship of components shown on separate Shop Drawings.
2. Indicate required installation sequences.

1.4 PROJECT MEETINGS

A. General: Schedule and conduct meetings and conferences at **Project site, unless otherwise indicated**.

1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Notify Owner and Architect of scheduled meeting dates and times.
2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees.
3. Minutes: Contractor shall take Meeting Minutes and record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, including Owner and Architect, within **3** days of the meeting.

B. Preconstruction Conference: Schedule a preconstruction conference before starting construction, at a time convenient to Owner and Architect. Hold the conference at Project site or another convenient location. Conduct the meeting to review responsibilities and personnel assignments.

1. Attendees: Authorized representatives of Owner, Architect, and their consultants; Contractor and its superintendent; major subcontractors; manufacturers; suppliers; and other concerned parties shall attend the conference. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Discuss items of significance that could affect progress, including the following:

a. Proposed Construction Schedule.
b. Phasing.
c. Critical work sequencing.
d. Designation of responsible personnel.
e. Procedures for processing field decisions and change orders.

f. Procedures for processing Applications for Payment.
g. Distribution of the Contract Documents.
h. Submittal procedures.
i. Preparation of Record Documents.
j. Use of the premises.
k. Responsibility for temporary facilities and controls.
l. Parking availability.
m. Office, work, and storage areas.
n. Equipment deliveries and priorities.
o. First aid.
p. Security.
q. Progress cleaning.
r. Working hours.

C. Progress Meetings: Conduct progress meetings as determined by the City of Buckeye. Coordinate dates of meetings with preparation of payment requests.

1. Attendees: In addition to representatives of Owner and Architect, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
2. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.

a. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
b. Review present and future needs of each entity present, including the following:

1) Interface requirements.
2) Sequence of operations.
3) Status of submittals.
4) Deliveries.
5) Off-site fabrication.
6) Access.
7) Site utilization.
8) Temporary facilities and controls.
9) Work hours.
10) Hazards and risks.
11) Progress cleaning.
12) Quality and work standards.
13) Change Orders.

14) Documentation of information for payment requests.

3. Reporting: Distribute minutes of the meeting to each party present and to parties who should have been present. Include a brief summary, in narrative form, of progress since the previous meeting and report.

   a. Schedule Updating: Revise Contractor's Construction Schedule after each progress meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with the report of each meeting.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01310

SECTION 01320 - **CONSTRUCTION PROGRESS DOCUMENTATION**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for documenting the progress of construction during performance of the Work, including the following:

1. Contractor's Construction Schedule.
2. Submittals Schedule.
3. Weekly construction reports.
4. Field condition reports.
5. Construction photographs.

B. See Division 1 Section "Payment Procedures" for submitting the Schedule of Values.

C. See Division 1 Section "Closeout Procedures" for submitting digital progress photos as Project Record Documents at Project closeout.

1.2 DEFINITIONS

A. Critical Path: The longest continuous chain of activities through the network schedule that establishes the minimum overall Project duration and contains no float.

B. Float: The measure of leeway in starting and completing an activity.

1. Float time belongs to Owner.

C. Fragment: A partial or fragmentary network that breaks down activities into smaller activities for greater detail.

D. Major Area: A story of construction, a separate building, or a similar significant construction element.

1.3 SUBMITTALS

A. Submittals Schedule: Submit seven (7) printed copies of schedule and provide in electronic PDF format. Arrange the following information in a tabular format:

1. Scheduled date for first submittal.
2. Specification Section number and title.
3. Submittal category (action or informational).
4. Name of subcontractor.

5. Description of the Work covered.
6. Scheduled date for Architect's final release or approval.

B. Contractor's Construction Schedule: Submit seven (7) printed copies of initial schedule large enough to show entire schedule for entire construction period, 11 x 17 landscape format preferred, provide in electronic PDF format.

C. CPM Reports: Concurrent with CPM schedule, submit seven (7) printed copies of each of the following computer-generated reports. Format for each activity in reports shall contain activity number, activity description, original duration, remaining duration, early start date, early finish date, late start date, late finish date, and total float.

1. Activity Report: List of all activities sorted by activity number and then early start date, or actual start date if known.
2. Total Float Report: List of all activities sorted in ascending order of total float.
3. Construction Photographs: Provide digital progress photos on CD, tow copies.

D. Weekly Construction Reports: Submit electronic PDF format copies at 7-day intervals with expected 3-week Look-ahead daily activity schedules.

E. Field Condition Reports: Submit electronic PDF copies at time of discovery of differing conditions.

1.4 QUALITY ASSURANCE

A. Photographer Qualifications: An individual of established reputation who has been regularly engaged as a professional photographer for not less than three years.

1.5 COORDINATION

A. Coordinate preparation and processing of schedules and reports with performance of construction activities and with scheduling and reporting of separate contractors.

B. Coordinate Contractor's Construction Schedule with the Schedule of Values, list of subcontracts, Submittals Schedule, progress reports, payment requests, and other required schedules and reports.

1. Secure time commitments for performing critical elements of the Work from parties involved.
2. Coordinate each construction activity in the network with other activities and schedule them in proper sequence.

C. Auxiliary Services: Cooperate with photographer and provide auxiliary services requested, including access to Project site and use of temporary facilities including temporary lighting.

PART 2 - PRODUCTS

2.1 SUBMITTALS SCHEDULE

A. Preparation: Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, re-submittal, ordering, manufacturing, fabrication, and delivery when establishing dates.

1. Coordinate Submittals Schedule with list of subcontracts, the Schedule of Values, and Contractor's Construction Schedule.
2. Submit concurrently with the first complete submittal of Contractor's Construction Schedule.

2.2. CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL

A. Time Frame: Extend schedule from date established for the Notice to Proceed to date of Final Completion.

B. Activities: Treat each separate area as a separate numbered activity for each principal element of the Work. Comply with the following:

1. Activity Duration: Define activities so no activity is longer than **30** days, unless specifically allowed by Architect.
2. Procurement Activities: Include procurement process activities for long lead items and major items, requiring a cycle of more than 60 days, as separate activities in schedule. Procurement cycle activities include, but are not limited to, submittals, approvals, purchasing, fabrication, and delivery.

3. Submittal Review Time: Include review and re-submittal times indicated in Division 1 Section "Submittal Procedures" in schedule. Coordinate submittal review times in Contractor's Construction Schedule with Submittals Schedule.
4. Substantial Completion: Indicate completion in advance of date established for Substantial Completion, and allow time for Architect's administrative procedures necessary for certification of Substantial Completion.

C. Constraints: Include constraints and work restrictions indicated in the Contract Documents and as follows in schedule, and show how the sequence of the Work is affected.

1. Work Stages: Indicate important stages of construction for each major portion of the Work.

D. Milestones: Include milestones indicated in the Contract Documents in schedule, including, but not limited to, the Notice to Proceed, Substantial Completion, and Final Completion.

E. Contract Modifications: For each proposed contract modification and concurrent with its submission, prepare a time-impact analysis using fragments to demonstrate the effect of the proposed change on the overall project schedule.

2.2 CONTRACTOR'S CONSTRUCTION SCHEDULE (GANTT CHART)

A. Gantt-Chart Schedule: Submit a comprehensive, fully developed, horizontal Gantt-chart-type, Contractor's Construction Schedule within 30 days of date established for Notice of Award of Construction Contract. Base schedule on the Preliminary Construction Schedule and whatever updating and feedback was received since the start of Project.

B. Preparation: Indicate each significant construction activity separately. Identify first workday of each week with a continuous vertical line.

C. CPM Schedule Preparation: Prepare a list of all activities required to complete the Work. Using the preliminary network diagram, prepare a skeleton network to identify probable critical paths.

1. Activities: Indicate the estimated time duration, sequence requirements, and relationship of each activity in relation to other activities. Include estimated time frames for the following:

    a. Preparation and processing of submittals.
    b. Purchase of materials.
    c. Delivery.
    d. Fabrication.
    e. Installation.

2. Processing: Process data to produce output data or a computer-drawn, time-scaled network. Revise data, reorganize activity sequences, and reproduce as often as necessary to produce the CPM schedule within the limitations of the Contract Time.
3. Format: Mark the critical path. Locate the critical path near center of network; locate paths with most float near the edges.

D. Initial Issue of Schedule: Prepare initial network diagram from a list of straight "early start-total float" sort. Identify critical activities. Prepare tabulated reports showing the following:

1. Contractor or subcontractor and the Work or activity.
2. Description of activity.
3. Principal events of activity.
4. Immediate preceding and succeeding activities.
5. Early and late start dates.
6. Early and late finish dates.
7. Activity duration in workdays.
8. Total float or slack time.

9. Average size of workforce.

E. Schedule Updating: Concurrent with making revisions to schedule, prepare tabulated reports showing the following:

1. Identification of activities that have changed.
2. Changes in early and late start dates.
3. Changes in early and late finish dates.
4. Changes in activity durations in workdays.
5. Changes in the critical path.
6. Changes in total float or slack time.
7. Changes in the Contract Time.

2.3 REPORTS

A. Weekly Construction Reports: Prepare a daily construction report recording events at Project site, including the following:

1. List of subcontractors.
2. High and low temperatures and general weather conditions.
3. Accidents.
4. Stoppages, delays, shortages, and losses.
5. Meter readings and similar recordings.
6. Orders and requests of authorities having jurisdiction.
7. Services connected and disconnected.
8. Equipment or system tests and startups.

B. Field Condition Reports: Immediately on discovery of a difference between field conditions and the Contract Documents, prepare a detailed report. Submit with a request for information **on CSI Form 13.2A** or similar form provided Contractor. Include a detailed description of the differing conditions, together with recommendations for changing the Contract Documents.

PART 3 - EXECUTION

3.1 CONTRACTOR'S CONSTRUCTION SCHEDULE

A. Contractor's Construction Schedule Updating: At weekly intervals, update schedule to reflect actual construction progress and activities. Issue schedule one week before each regularly scheduled progress meeting.

1. Revise schedule immediately after each meeting or other activity where revisions have been recognized or made. Issue updated schedule concurrently with the report of each such meeting.

2. Include a report with updated schedule that indicates every change, including, but not limited to, changes in logic, durations, actual starts and finishes, and activity durations.
3. As the Work progresses, indicate Actual Completion percentage for each activity.

B. Distribution: Distribute copies of approved schedule to Architect, Owner, separate contractors, testing and inspecting agencies, and other parties identified by Contractor with a need-to-know schedule responsibility.

1. Post copies in Project meeting rooms and temporary field offices.
2. When revisions are made, distribute updated schedules to the same parties and post in the same locations. Delete parties from distribution when they have completed their assigned portion of the Work and are no longer involved in performance of construction activities.

C. Periodic Construction Photographs: Take not less 15 color digital photographs monthly, coinciding with cutoff date associated with each Application for Payment. Photographer shall select vantage points to best show status of construction and progress since last photographs were taken.

1. Field Office Prints: Retain one set of prints of periodic photographs in field office at Project site, available at all times for reference. Identify photographs the same as for those submitted to Architect.

END OF SECTION 01320

SECTION 01330 - **SUBMITTAL PROCEDURES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for submitting Shop Drawings, Product Data, Samples, and other miscellaneous submittals.

B. See Division 1 Section "Quality Requirements" for submitting test and inspection reports and Delegated-Design Submittals and for erecting mockups.

C. See Division 1 Section "Closeout Procedures" for submitting warranties Project Record Documents and all requirements for Operations and Maintenance manuals.

1.2 DEFINITIONS

A. Action Submittals: Written and graphic information that requires Architect's responsive action.

B. Informational Submittals: Written information that does not require Architect's approval. Submittals may be rejected for not complying with requirements.

1.3 SUBMITTAL PROCEDURES

A. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.

1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
2. Coordinate transmittal of different types of submittals for related parts of the Work so processing will not be delayed because of need to review submittals concurrently for coordination.

a. Architect reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.

B. Submittals Schedule: Provide list of submittals and time requirements for scheduled performance of related construction activities.

C. Processing Time: Allow enough time for submittal review, including time for re-submittals, as follows. Time for review shall commence on Architect's receipt of submittal.

1. Initial Review: Allow **7 days** for initial review of each submittal. Allow additional time if processing must be delayed to permit coordination with subsequent submittals. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
2. If intermediate submittal is necessary, process it in same manner as initial submittal.
3. Allow **5 days** for processing each re-submittal.
4. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing.

D. Identification: Place a permanent label or title block on each submittal for identification.

1. Indicate name of firm or entity that prepared each submittal on label or title block.
2. Provide a space approximately 4 by 5 inches on label or beside title block to record Contractor's review and approval markings and action taken by Architect.
3. Include the following information on label for processing and recording action taken:

    a. Project name.
    b. Date.
    c. Name and address of Architect.
    d. Name and address of Contractor.
    e. Name and address of subcontractor.
    f. Name and address of supplier.
    g. Name of manufacturer.
    h. Unique identifier, including revision number.
    i. Number and title of appropriate Specification Section.
    j. Drawing number and detail references, as appropriate.
    k. Other necessary identification.

E. Deviations: Highlight, encircle, or otherwise identify deviations from the Contract Documents on submittals. **Provide point-by-point comparison.**

F. Additional Copies: Unless additional copies are required for final submittal, and unless Architect observes noncompliance with provisions of the Contract Documents, initial submittal may serve as final submittal.

1. Additional copies submitted for maintenance manuals will **not** be marked with action taken and will be returned.

G. Transmittal: Package each submittal individually and appropriately for transmittal and handling. Transmit each submittal using a transmittal form. Architect will return submittals, without review received from sources other than Contractor.

1. Include Contractor's certification stating that information submitted complies with requirements of the Contract Documents.
2. Transmittal Form: Use AIA Document G810, CSI Form 12.1A or similar.

H. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms.

I. Use for Construction: Use only final submittals with mark indicating action taken by Architect in connection with construction.

PART 2 - PRODUCTS

2.1 ACTION SUBMITTALS

A. General: Prepare and submit Action Submittals required by individual Specification Sections.

1. Procedure: Electronic transmittal of submittals is permissible, unless physical samples are required. A hard copy transmittal shall accompany physical samples. Submit 2 physical samples to Architect. Architect will return submittal review and one sample. Contractor and Architect shall each retain review and sample as part of the Project Record.

B. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.

1. If information must be specially prepared for submittal because standard printed data are not suitable for use, submit as Shop Drawings, not as Product Data.
2. Mark each copy of each submittal to show which products and options are applicable.
3. Include the following information, as applicable:

a. Manufacturer's written recommendations.
b. Manufacturer's product specifications.
c. Manufacturer's installation instructions.
d. Manufacturer's catalog cuts.
e. Wiring diagrams showing factory-installed wiring.
f. Printed performance curves.
g. Operational range diagrams.
h. Compliance with recognized trade association standards.
i. Compliance with recognized testing agency standards.

C. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data.

1. Preparation: Include the following information, as applicable:

a. Dimensions.
b. Identification of products.
c. Fabrication and installation drawings.
d. Roughing-in and setting diagrams.

e. Wiring diagrams showing field-installed wiring, including power, signal, and control wiring.
f. Shopwork manufacturing instructions.
g. Templates and patterns.
h. Schedules.
i. Notation of coordination requirements.
j. Notation of dimensions established by field measurement.

2. Wiring Diagrams: Differentiate between manufacturer-installed and field-installed wiring.
3. Sheet Size: Except for templates, patterns, and similar full-size drawings, submit Shop Drawings and Specification Sheets on sheets at least 8-1/2 by 11 inches but no larger than 30 by 40 inches.

D. Coordination Drawings: Comply with requirements in Division 1 Section "Project Management and Coordination."

E. Samples: Prepare physical units of materials or products, including the following:

1. Comply with requirements in Division 1 Section "Quality Requirements" for mockups.
2. Samples for Initial Selection: Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available.

   a. Submit **two** full set**s** of available choices where color, pattern, texture, or similar characteristics are required to be selected from manufacturer's product line. Architect will return one set of submittal with options selected.

3. Samples for Verification: Submit full-size units or Samples of size indicated, prepared from the same material to be used for the Work, cured and finished in manner specified, and physically identical with the product proposed for use, and that show full range of color and texture variations expected. Samples include, but are not limited to, partial sections of manufactured or fabricated components; small cuts or containers of materials; complete units of repetitively used materials; swatches showing color, texture, and pattern; color range sets; and components used for independent testing and inspection.

   a. Submit **two** sets of Samples. Architect will retain **one** Sample sets; remainder will be returned to Contractor.

4. Preparation: Mount, display, or package Samples in manner specified to facilitate review of qualities indicated. Prepare Samples to match Architect's sample where so indicated. Attach label on unexposed side.
5. Submit Samples for review of kind, color, pattern, and texture for a final check of these characteristics with other elements and for a comparison of these characteristics between final submittal and actual component as delivered and installed.
6. Disposition: Maintain sets of approved Samples at Project site, available for quality-control comparisons throughout the course of construction activity.

Sample sets may be used to determine final acceptance of construction associated with each set.

F. Product Schedule or List: Prepare a written summary indicating types of products required for the Work and their intended location.

G. Delegated-Design Submittal: Comply with requirements in Division 1 Section "Quality Requirements."

H. Submittals Schedule: Comply with requirements in Division 1 Section "Construction Progress Documentation."

I. Application for Payment: Comply with requirements in Division 1 Section "Payment Procedures."

J. Schedule of Values: Comply with requirements in Division 1 Section "Payment Procedures."

K. Subcontractor List: Prepare a written summary identifying individuals or firms proposed for each portion of the Work, including those who are to furnish products or equipment fabricated to a special design. Use **CSI Form 1.5A** or similar.

2.2 INFORMATIONAL SUBMITTALS

A. General: Prepare and submit Informational Submittals required by other Specification Sections.

1. Number of Copies: Submit **two** copies of each submittal, unless otherwise indicated. Architect will not return copies.
2. Certificates and Certifications: Provide a notarized statement that includes signature of entity responsible for preparing certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign documents on behalf of that entity.
3. Test and Inspection Reports: Comply with requirements in Division 1 Section "Quality Requirements."

B. Contractor's Construction Schedule: Comply with requirements in Division 1 Section "Construction Progress Documentation."

C. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

D. Product Certificates: Prepare written statements on manufacturer's letterhead certifying that product complies with requirements.

E. Welding Certificates: Prepare written certification that welding procedures and personnel comply with requirements. Submit record of Welding Procedure

Specification (WPS) and Procedure Qualification Record (PQR) on AWS forms. Include names of firms and personnel certified.

F. Installer Certificates: Prepare written statements on manufacturer's letterhead certifying that Installer complies with requirements and, where required, is authorized for this specific Project.

G. Manufacturer Certificates: Prepare written statements on manufacturer's letterhead certifying that manufacturer complies with requirements. Include evidence of manufacturing experience where required.

H. Material Certificates: Prepare written statements on manufacturer's letterhead certifying that material complies with requirements.

I. Material Test Reports: Prepare reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements.

J. Compatibility Test Reports: Prepare reports written by a qualified testing agency, on testing agency's standard form, indicating and interpreting results of compatibility tests performed before installation of product. Include written recommendations for primers and substrate preparation needed for adhesion.

K. Field Test Reports: Prepare retesting reports written by Owner's qualified testing agency, on testing agency's standard form, indicating and interpreting results of field tests performed either during installation of product or after product is installed in its final location, for compliance with requirements.

L. Product Test Reports: Prepare written reports indicating current product produced by manufacturer complies with requirements. Base reports on evaluation of tests performed by manufacturer and witnessed by a qualified testing agency, or on comprehensive tests performed by a qualified testing agency.

M. Research/Evaluation Reports: Prepare written evidence, from a model code organization acceptable to authorities having jurisdiction, that product complies with building code in effect for Project.

N. Maintenance Data: Prepare written and graphic instructions and procedures for operation and normal maintenance of products and equipment. Comply with requirements in Division 1 Section "Closeout Procedures."

O. Design Data: Prepare written and graphic information, including, but not limited to, performance and design criteria, list of applicable codes and regulations, and calculations. Include list of assumptions and other performance and design criteria and a summary of loads. Include load diagrams if applicable. Provide name and version of software, if any, used for calculations. Include page numbers.

P. Manufacturer's Instructions: Prepare written or published information that documents manufacturer's recommendations, guidelines, and procedures for installing or operating a product or equipment. Include name of product and name, address, and telephone number of manufacturer.

Q. Manufacturer's Field Reports: Prepare written information documenting factory-authorized service representative's tests and inspections.

R. Insurance Certificates and Bonds: Prepare written information indicating current status of insurance or bonding coverage. Include name of entity covered by insurance or bond, limits of coverage, amounts of deductibles, if any, and term of the coverage.

S. Construction Photographs: Comply with requirements in Division 1 Section "Construction Progress Documentation."

PART 3 - EXECUTION

3.1 CONTRACTOR'S REVIEW

A. Review each submittal and check for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect.

B. Approval Stamp: Stamp each submittal with a uniform, approval stamp. Include Project name and location, submittal number, Specification Section title and number, name of reviewer, date of Contractor's approval, and statement certifying that submittal has been reviewed, checked, and approved for compliance with the Contract Documents.

3.2 ARCHITECT'S ACTION

A. General: Architect will not review submittals that do not bear Contractor's approval stamp and will return them without action.

B. Action Submittals: Architect will review each submittal, make marks to indicate corrections or modifications required, and return it. Architect will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action taken.

C. Informational Submittals: Architect will review each submittal and will not return it, or will reject and return it if it does not comply with requirements. Architect will forward each submittal to appropriate party.

D. Submittals not required by the Contract Documents will not be reviewed and may be discarded.

END OF SECTION 01330

SECTION 01400 - **QUALITY CONTROL REQUIREMENTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for quality assurance and quality control.

B. The Contactor shall be responsible for maintaining a **Quality Control Program**, which later serves as an **Operations & Maintenance Manual** complete with all Warranty Certificates.

1. The intent of Contractor Quality Control (CQC) is to positively control the quality of Work, including the work of sub-contactors and suppliers, through preparatory, initial and follow-up activities to assure delivery of Work that meets the requirements of the Contract Documents for performance, quality, and timeliness.

2. DEFINITIONS & ABBREVIATIONS:

a. Contractor Quality Control: the Contractors management system to prepare, initiate and verify the quality of Work required by the Contract Documents.

b. CPM: Critical Path Method: Network method of describing the interdependence of tasks in the Work, determining critical tasks incorporating CQC tasks that control the project completion time, and projecting the completion time of the work.

c. Payment:

1). Monthly progress reports by the Contractor are part of the data substantiating the Contractor's right to payment as the Owner or Architect may require.

3. PRODUCTS

a. Critical Path Method Analysis: Contractor shall use a familiar software program for the CPM analysis and output plan, reports and chart. A simple Gantt chart will suffice.

4. EXECUTION

a. General: The Contractor is responsible for the quality control and shall establish and maintain an effective quality control system in compliance with the Contract Documents. The quality control system shall consist of plans, procedures, staff and organization necessary to produce an end product which complies with the Contract Documents. The system shall cover all

construction operations, both on-site and off-site, and shall be keyed to the proposed Construction Sequence.

b. Construction Plan: The Construction Plan prepared by the Contractor shall include, as a minimum, the following to cover all Construction Operations, both on-site and off-site, including work by the Contractor, Subcontractors, Fabricators, Suppliers, and Purchasing Agents:

1). RFI's Review & Response: Part of Contractor Quality Control includes reviews of all elements of the Work and generating and tracking Requests for Clarification to the Architect sufficiently in advance of the Work in order to allow adequate response time and avoid delays in the Work.

2). Monthly Summary Reports: To be submitted with Application and Certificate for Payment

c. Submittal: Shall be as specified in Section 1330, SUBMITTAL PROCEDURES.

d. Control: Contractor Quality Control is the means by which the Contractor ensures that the Work complies with the Contract Documents. The controls shall cover all the Construction Operations, including both on-site and off-site fabrication, and will be keyed to the proposed Construction Sequence.

1). A check to assure that all materials and/or equipment have been tested, submitted, and approved.

2). Examination of the Work area to assure that all required preliminary Work has been completed and is in compliance with the Contract Documents.

3). A physical examination of required materials, equipment and sample work to assure that they are on hand, conform to approved shop drawings or submitted data, and are properly stored.

4). A simple review to assure applicable safety requirements are met.

5). Discussion with workers and supervisors of procedures for Construction of the Work including Construction Tolerances and Workmanship Standards for that phase of the Work.

e. Tests

1). The Contractor shall hire a qualified third party to perform tests and special inspections required to verify that control measures are adequate to provide a product or system which conforms to the Contract Documents. Testing includes operation, acceptance and/or performance tests when specified. Provide a list of tests including the test name, frequency, specification paragraph containing the test requirements, and

who is responsible for each type of test. The Contractor shall perform the following activities and record and provide the following data:

a). Verify that the testing procedures comply with Contract Documents.

b). Verify that the facilities and testing equipment are available when needed for this Work and comply with testing standards.

c). Results of all tests taken, both passing and failing tests, will be recorded in the monthly report for the date taken.

d). **Special Structural Inspections will be provided by Engineer of Record, Roy Rood, PE or Rood Engineering, or approved equal,** and paid via Allowance in the Architect's Contract. Contractor's responsibility is to coordinate requests for inspections in a timely manner, and pay for duplicative re-inspections when failing inspection(s). **The required Special Inspections are listed in the Structural General Structural Notes in the Drawings.**

f. Monthly Reports: Contractor shall issue monthly reports summarizing activity, results. Reports shall cover the following minimum items, and any additional reports or data required by the Owner:

1). Test Approval Log: List all tests conducted during the reporting period and results.

2). Submittal Tracking System Reports: List the status of all submittals required on the project, including original deadline for submittal, each date of submittal or re-submittal, and final action by the Architect or current status.

C. Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.

1. Specified tests, inspections, and related actions do not limit Contractor's quality-control procedures that facilitate compliance with the Contract Document requirements.
2. Requirements for Contractor to provide quality-control services required by Architect, Owner, or authorities having jurisdiction are not limited by provisions of this Section.

D. See Divisions 2 through 16 Sections for specific test and inspection requirements

1.2 DEFINITIONS

A. Mockups: Full-size, physical example assemblies to illustrate finishes and materials. Mockups are used to verify selections made under Sample submittals, to demonstrate aesthetic effects and, where indicated, qualities of materials and execution, and to review construction, coordination, testing, or operation; they are not Samples. Mockups establish the standard by which the Work will be judged. Mock-ups can become part of the work is accepted.

B. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.

1.3 DELEGATED DESIGN

A. Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated.

1. If criteria indicated are not sufficient to perform services or certification required, submit a written request for additional information to Architect.

1.4 SUBMITTALS: Shall be as specified in Section 1330, SUBMITTAL PROCEDURES.

A. Permits, Licenses, and Certificates: For Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, correspondence, records, and similar documents, established for compliance with standards and regulations bearing on performance of the Work.

1.5 QUALITY ASSURANCE

A. Fabricator Qualifications: A firm experienced in producing products similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

B. Factory-Authorized Service Representative Qualifications: An authorized representative of manufacturer who is trained and approved by manufacturer to inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.

C. Installer Qualifications: A firm or individual experienced in installing, erecting, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.

D. Manufacturer Qualifications: A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance.

E. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of the system, assembly, or products that are similar to those indicated for this Project in material, design, and extent.

F. Testing Agency Qualifications: An agency with the experience and capability to conduct testing and inspecting indicated, as documented by ASTM E 548, and that specializes in types of tests and inspections to be performed.

G. Mockups: Before installing portions of the Work requiring mockups, build mockups for each form of construction and finish required by the Specifications to comply with the following requirements, using materials indicated for the completed Work:

1. Build mockups in location and of size indicated or, if not indicated, as directed by Architect.
2. Notify Architect **seven** days in advance of dates and times when mockups will be constructed.
3. Demonstrate the proposed range of aesthetic effects and workmanship.
4. Obtain Architect's approval of mockups before starting work, fabrication, or construction.
5. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
6. Demolish and remove mockups when directed, unless otherwise indicated.

1.6 QUALITY CONTROL

A. Contractor’s Responsibilities: All quality-control and testing services are indicated as Contractor’s responsibility. Contractor will engage a qualified testing agency to perform these services.

1. Contractor Responsibilities: Unless otherwise indicated, provide quality-control services specified and required by authorities having jurisdiction.

2. Where services are indicated as Contractor’s responsibility, Contractor will engage a qualified testing agency to perform these quality-control services.

3. Contractor shall notify Owner and all Testing Agencies employed by the Contractor at least **24** hours in advance of time when Work that requires testing or inspecting will be performed.
4. Special Tests and Inspections: Contractor will engage a qualified third party testing agency to conduct special tests and inspections required by authorities having jurisdiction as the responsibility of Contractor.

5. Testing agency will notify Owner, Architect and Contractor promptly of irregularities and deficiencies observed in the Work during performance of its services.
6. Testing agency will submit a certified written report of each test, inspection, and similar quality-control service to Owner and Architect with copy to Contractor and to authorities having jurisdiction.
7. Testing agency will submit a final report of special tests and inspections at Substantial Completion, which includes a list of unresolved deficiencies.
8. Testing agency will interpret tests and inspections and state in each report whether tested and inspected work complies with or deviates from the Contract Documents.
9. Testing agency, employed by Contractor, will retest and re-inspect corrected work.

10. Retesting/Re-inspecting: Provide all required retesting and re-inspecting services for construction that revised or replaced Work that failed to comply with requirements established by the Contract Documents.
11. All associated costs for retesting and re-inspecting construction performed that replaces or is necessitated by work that failed to comply with the Contract Documents will be charged to Contractor as a direct cost expense.

B. Testing Agency Responsibilities (where testing agency is a sub-contractor to the Contractor): Cooperate with Architect and Contractor in performance of duties. Provide qualified personnel to perform required tests and inspections.

1. Notify Owner, Architect and Contractor promptly of irregularities or deficiencies observed in the Work during performance of its services.
2. Interpret tests and inspections and state in each report whether tested and inspected work complies with or deviates from requirements.
3. Submit a certified written report, in duplicate, of each test, inspection, and similar quality-control service through Contractor.
4. Do not release, revoke, alter, or increase requirements of the Contract Documents or approve or accept any portion of the Work.
5. Do not perform any duties of Contractor.

C. Associated Services: Cooperate with agencies performing required tests, inspections, and similar quality-control services, and provide reasonable auxiliary services as requested. Notify agency sufficiently in advance of operations to permit assignment of personnel. Provide the following:

1. Access to the Work.
2. Incidental labor and facilities necessary to facilitate tests and inspections.
3. Adequate quantities of representative samples of materials that require testing and inspecting. Assist agency in obtaining samples.
4. Facilities for storage and field-curing of test samples.
5. Delivery of samples to testing agencies.
6. Preliminary design mix proposed for use for material mixes that require control by testing agency.

7. Security and protection for samples and for testing and inspecting equipment at Project site.

D. Coordination: Coordinate sequence of activities to accommodate required quality-assurance and quality-control services with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspecting.

1. Schedule times for tests, inspections, obtaining samples, and similar activities.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 REPAIR AND PROTECTION

A. General: On completion of testing, inspecting, sample taking, and similar services, repair damaged construction and restore substrates and finishes.

1. Provide materials and comply with installation requirements specified in other Sections of these Specifications. Restore patched areas and extend restoration into adjoining areas in a manner that eliminates evidence of patching.
2. Comply with the Contract Document requirements for Division 1 Section "Cutting and Patching."

B. Protect construction exposed by or for quality-control service activities.

C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

END OF SECTION 01400

SECTION 01420 - **REFERENCES**

PART 1 - GENERAL

1.1 DEFINITIONS

A. General: Basic Contract definitions are included in the Conditions of the Contract.

B. "Approved": When used to convey Architect's action on Contractor's submittals, applications, and requests, "approved" is limited to Architect's duties and responsibilities as stated in the Conditions of the Contract.

C. "Directed": A command or instruction by Architect. Other terms including "requested," "authorized," "selected," "approved," "required," and "permitted" have the same meaning as "directed."

D. "Indicated": Requirements expressed by graphic representations or in written form on Drawings, in Specifications, and in other Contract Documents. Other terms including "shown," "noted," "scheduled," and "specified" have the same meaning as "indicated."

E. "Regulations": Laws, ordinances, statutes, and lawful orders issued by authorities having jurisdiction, and rules, conventions, and agreements within the construction industry that control performance of the Work.

F. "Furnish": Supply and deliver to Project site, ready for unloading, unpacking, assembly, installation, and similar operations.

G. "Install": Operations at Project site including unloading, temporarily storing, unpacking, assembling, erecting, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, and similar operations.

H. "Provide": Furnish and install, complete and ready for the intended use.

I. "Installer": Contractor or another entity engaged by Contractor as an employee, Subcontractor, or Sub-subcontractor, to perform a particular construction operation, including installation, erection, application, and similar operations.

1. Using a term such as "carpentry" does not imply that certain construction activities must be performed by accredited or unionized individuals of a corresponding generic name, such as "carpenter." It also does not imply that requirements specified apply exclusively to trades people of the corresponding generic name.

J. "Experienced": When used with an entity, "experienced" means having successfully completed a minimum of **three** previous projects similar in size and scope to this Project; being familiar with special requirements indicated; and having complied with requirements of authorities having jurisdiction.

K. "Project Site": Space available for performing construction activities. The extent of Project site is shown on Drawings and may or may not be identical with the description of the land on which Project is to be built.

1.2 INDUSTRY STANDARDS

A. Applicability of Standards: Unless the Contract Documents include more stringent requirements, applicable construction industry standards have the same force and effect as if bound or copied directly into the Contract Documents to the extent referenced. Such standards are made a part of the Contract Documents by reference.

B. Publication Dates: Comply with standards in effect as of date of the Contract Documents, unless otherwise indicated.

C. Conflicting Requirements: If compliance with two or more standards is specified and the standards establish different or conflicting requirements for minimum quantities or quality levels, comply with the most stringent requirement. Refer uncertainties and requirements that are different, but apparently equal, to Architect for a decision before proceeding.

1. Minimum Quantity or Quality Levels: The quantity or quality level shown or specified shall be the minimum provided or performed. The actual installation may comply exactly with the minimum quantity or quality specified, or it may exceed the minimum within reasonable limits. To comply with these requirements, indicated numeric values are minimum or maximum, as appropriate, for the context of requirements. Refer uncertainties to Architect for a decision before proceeding.

D. Copies of Standards: Each entity engaged in construction on Project must be familiar with industry standards applicable to its construction activity. Copies of applicable standards are not bound with the Contract Documents.

1. Where copies of standards are needed to perform a required construction activity, obtain copies directly from publication source and make them available on request.

1.3 ABBREVIATIONS AND ACRONYMS

A. Industry Organizations: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they shall mean the recognized name of the entities indicated in Gale Research's "Encyclopedia of Associations" or in Columbia Books' "National Trade & Professional Associations of the U.S."

B. Industry Organizations: Where abbreviations and acronyms are used in Specifications or other Contract Documents, they shall mean the recognized name of the entities, a complete list of which are available upon request in the Architect's office.

C. N.I.C.: Not in Contract

D. O.F.C.I.: Owner furnished, Contractor Installed

E. O.F.O.I: Owner furnished, Owner Installed

1.4 PRODUCTS (Not Used)

PART 2 - EXECUTION (Not Used)

END OF SECTION 01420

SECTION 01500 - **TEMPORARY FACILITIES AND CONTROLS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes requirements for temporary facilities and controls, including temporary utilities, support facilities, and security and protection facilities.

B. See Division 1 Section "Execution Requirements" for progress cleaning requirements.

1.2 DEFINITIONS

A. Permanent Enclosure: As determined by Architect, permanent or temporary roofing is complete, insulated, and weather tight; exterior walls are insulated and weather tight; and all openings are closed with permanent construction or substantial temporary closures.

1.3 USE CHARGES

A. General: Cost or use charges for temporary facilities are not chargeable to Owner or Architect and shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, Owner's Facilities Maintenance forces, occupants of Project, Architect, testing and inspecting agencies, and personnel of authorities having jurisdiction.

B. Water Service: Use domestic potable water service from Owner's existing system without metering and without payment of use charges.

C. Electric Power Service: Use electric power from Owner's existing system without metering and without payment of use charges.

1.4 SUBMITTALS

A. Temporary Utility Reports: Submit reports of tests, inspections, meter readings, and similar procedures performed on temporary utilities.

1.5 QUALITY ASSURANCE

A. Standards: Comply with ANSI A10.6, NECA's "Temporary Electrical Facilities," and NFPA 241.

1. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.

B. Tests and Inspections: Arrange for authorities having jurisdiction to test and inspect each temporary utility before use. Obtain required certifications and permits.

1.6 PROJECT CONDITIONS

1. Temporary Utilities: All Utilities available from Senior Center Building.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: Provide new materials. Undamaged, previously used materials in serviceable condition may be used if approved by Architect. Provide materials suitable for use intended.

B. Pavement: Comply with Division 2 if applicable.

C. Portable Chain-Link Fencing: Minimum 2-inch 9-gage, galvanized steel, chain-link fabric fencing; minimum 6 feet high with galvanized steel pipe posts; minimum 2-3/8-inchOD line posts and 2-7/8-inchOD corner and pull posts, with 1-5/8-inch OD top and bottom rails. Provide galvanized steel bases for supporting posts. Provide GREEN SCREEN with air vent flaps on all chain link fencing.

D. Tarpaulins: Fire-resistive labeled with flame-spread rating of 15 or less.

E. Water: Potable.

F. Job Office Trailer: Provide secure temporary Job Office Trailer and locate where directed.

G. Temporary Secure Storage Container: 30 ft. CONEX box or equal with dual heavy-duty master locks. Locate where directed.

2.2 EQUIPMENT

A. Fire Extinguishers: Hand carried, portable, UL rated. Provide class and extinguishing agent as indicated or a combination of extinguishers of NFPA-recommended classes for exposures.

1. Comply with NFPA 10 and NFPA 241 for classification, extinguishing agent, and size required by location and class of fire exposure.

B. Self-Contained Toilet Units: Single-occupant units of chemical, aerated re-circulation, or combustion type; vented; fully enclosed with a glass-fiber-reinforced polyester shell or similar nonabsorbent material.

C. Drinking-Water Fixtures: Containerized, tap-dispenser, bottled-water, drinking-water unit, including paper cup supply.

D. Electrical Outlets: Properly configured, NEMA-polarized outlets to prevent insertion of 110- to 120-V plugs into higher-voltage outlets; equipped with ground-fault circuit interrupters, reset button, and pilot light.

E. Power Distribution System Circuits: Where permitted and overhead and exposed for surveillance, wiring circuits, not exceeding 125-V ac, 20-A rating, and lighting circuits may be nonmetallic sheathed cable.

F. Contractor Temporary Office/Storage Unit: Provide as required to meet the needs of the project for Contractor's temporary storage. Coordinate location with City of Buckeye staff. Remove at the end of the project.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Locate facilities where they will serve Project adequately and result in minimum interference with performance of the Work. Relocate and modify facilities as required.

B. Provide each facility ready for use when needed to avoid delay. Maintain and modify as required. Do not remove until facilities are no longer needed or are replaced by authorized use of completed permanent facilities.

3.2 TEMPORARY UTILITIES

A. General: Use Owner Utilities.

1. Arrange with Owner, and existing users for time when service can be interrupted, if necessary.
2. Verify adequate capacity at each stage of construction.

B. Water Service: Use Owner water service and distribution piping in sizes and pressures adequate for construction until permanent water service is in use. Sterilize temporary water piping before use.

C. Sanitary Facilities: Provide temporary toilets, wash facilities, and drinking-water fixtures. Comply with regulations and health codes for type, number, location, operation, and maintenance of fixtures and facilities.

1. Disposable Supplies: Provide toilet tissue, paper towels, paper cups, and similar disposable materials for each facility. Maintain adequate supply. Provide covered waste containers for disposal of used material.
2. Toilets: Install self-contained toilet units.

3. Drinking-Water Facilities: Provide potable drinking water.

D. Electric Power Service: Use of Owner's existing electric power service will be permitted, as long as equipment is maintained in a condition acceptable to Owner.

E. Electric Distribution: Provide receptacle outlets adequate for connection of power tools and equipment.

1. Provide waterproof connectors to connect separate lengths of electrical power cords if single lengths will not reach areas where construction activities are in progress. Do not exceed safe length-voltage ratio.

F. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations and traffic conditions.

1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
2. Provide one 60W CFL lamp per 500 sq. ft., or equivalent, uniformly distributed, for general lighting, or equivalent illumination.

G. Telephone Service: Provide temporary telephone service throughout construction period for common-use facilities used by all personnel engaged in construction activities.

1. Post a list of important telephone numbers, including police and fire departments, ambulance service, Contractor's home office, Architect's office, all Engineers' offices, Owner's office, and principal subcontractors' field and home offices.
2. Provide voice-mail service on superintendent's telephone.
3. Provide a portable cellular telephone for superintendent's use in making and receiving telephone calls.

3.3 SUPPORT FACILITIES INSTALLATION

A. General: Comply with the following:

1. Locate storage sheds, sanitary facilities, and other temporary construction and support facilities for easy access in areas designated.
2. Provide incombustible construction for on-site storage sheds located within construction staging area designated. Comply with NFPA 241.
3. Maintain support facilities until near Substantial Completion. Remove before Substantial Completion. Personnel remaining after Substantial Completion will be permitted to use permanent facilities, under conditions acceptable to Owner.

B. Project Identification and Temporary Signs: Prepare Project identification and other signs as required by public safety operations and as approved by the Owner (ACC). Install signs where required to inform public and persons seeking entrance to Project. Do not permit installation of unauthorized signs.
1. Prepare temporary signs to provide directional information to construction personnel and visitors.
2. Contractor identity banners allowed with permission of the City of Buckeye.

C. Waste Disposal Facilities: Provide waste-collection containers in sizes adequate to handle waste from construction operations. Containerize and clearly label hazardous, dangerous, or unsanitary waste materials separately from other waste. Comply with Division 1 Section "Execution Requirements" for progress cleaning requirements.

1. If required by authorities having jurisdiction, provide separate containers, clearly labeled, for each type of waste material to be deposited.
2. Develop a waste management plan for Work performed on Project. Provide information on destination of each type of waste material and means to be used to dispose of all waste materials.

D. Lifts and Hoists: Provide facilities for hoisting materials and personnel. Truck cranes and similar devices used for hoisting materials are considered "tools and equipment" and not temporary facilities.

E. Job Office Trailer: Provide secure temporary Job Office Trailer and locate where directed.

F. Temporary Secure Storage Container: 30 ft. CONEX box or equal with dual heavy-duty master locks. Locate where directed.

3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION

A. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction in ways and by methods that comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects. Avoid using tools and equipment that produce harmful noise. Restrict use of noisemaking tools and equipment to hours that will minimize complaints from persons or firms near Project site.

B. Landscaping Protection: Protect all trees, plants and ground cover. Restore landscape materials and replace in kind at the conclusion of the Project as required.

F. Security Enclosure and Lockup: Install substantial temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security.

G. Barricades, Warning Signs, and Lights: Comply with standards and code requirements for erecting structurally adequate barricades. Paint with appropriate colors, graphics, and warning signs to inform personnel and public of possible hazard.

1. Temporary Enclosures: Provide temporary enclosures for protection of construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities.
2. Vertical Openings: Close openings of 25 sq. ft. or less with plywood or similar materials.
3. Horizontal Openings: Close openings in floor or roof decks and horizontal surfaces with load-bearing construction.

H. Temporary Fire Protection: Until fire-protection needs are supplied by permanent facilities, install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241.

1. Provide fire extinguishers, installed on walls on mounting brackets, visible and accessible from space being served, with sign mounted above.

    a. Locate fire extinguishers where convenient and effective for their intended purpose; provide not less than one extinguisher on each floor at or near each usable stairwell.

2. Store combustible materials in containers in fire-safe locations.
3. Maintain unobstructed access to fire extinguishers, fire hydrants, temporary fire-protection facilities, stairways, and other access routes for firefighting. Prohibit smoking in hazardous fire-exposure areas.
4. Supervise welding operations, combustion-type temporary heating units, and similar sources of fire ignition.
5. Permanent Fire Protection: At earliest feasible date in each area of Project, complete installation of permanent fire-protection facility, including connected services, and place into operation and use. Instruct key personnel on use of facilities.
2. Develop and supervise an overall fire-prevention and first-aid fire-protection program for personnel at Project site. Review needs with local fire department and establish procedures to be followed. Instruct personnel in methods and procedures. Post warnings and information.

3.5 OPERATION, TERMINATION, AND REMOVAL

A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.

B. Maintenance: Maintain facilities in good operating condition until removal. Protect from damage caused by freezing temperatures and similar elements.

C. Termination and Removal: Remove each temporary facility when need for its service has ended, when it has been replaced by authorized use of a permanent facility, or no later than Substantial Completion. Complete or, if necessary, restore permanent construction that may have been delayed because of interference with temporary facility. Repair damaged Work, clean exposed surfaces, and replace construction that cannot be satisfactorily repaired.
    1. At Substantial Completion, clean and renovate permanent facilities used during construction period. Comply with final cleaning requirements in Division 1 Section "Closeout Procedures."

END OF SECTION 01500

SECTION 01600 - **PRODUCT REQUIREMENTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for selecting products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; product substitutions; and comparable products.

B. See Division 1 Section "Closeout Procedures" for submitting warranties for contract closeout.

C. See Divisions 2 through 16 Sections for specific requirements for warranties on products and installations specified to be warranted.

1.2 DEFINITIONS

A. Products: Items purchased for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.

1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation, shown or listed in manufacturer's published product literature, that is current as of date of the Contract Documents.
2. New Products: Items that have not previously been incorporated into another project or facility, except that products consisting of recycled-content materials are allowed, unless explicitly stated otherwise. Products salvaged or recycled from other projects are not considered new products.
3. Comparable Product: Product that is demonstrated and approved through submittal process, or where indicated as a product substitution, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.

B. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents and proposed by Contractor.

C. Basis-of-Design Product Specification: Where a specific manufacturer's product is named and accompanied by the words "basis of design," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of other named manufacturers.

D. Manufacturer's Warranty: Preprinted written warranty published by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.

E. Special Warranty: Written warranty required by or incorporated into the Contract Documents, either to extend time limit provided by manufacturer's warranty or to provide more rights for Owner.

1.3 SUBMITTALS

A. Product List: Submit a list, in tabular from, showing specified products. Include generic names of products required. Include manufacturer's name and proprietary product names for each product.

1. Coordinate product list with Contractor's Construction Schedule and the Submittals Schedule.
2. Completed List: Within **15** days after date of commencement of the Work, submit **3** copies of completed product list. Include a written explanation for omissions of data and for variations from Contract requirements.
3. Architect's Action: Architect will respond in writing to Contractor within **15** days of receipt of completed product list. Architect's response will include a list of unacceptable product selections and a brief explanation of reasons for this action. Architect's response, or lack of response, does not constitute a waiver of requirement that products comply with the Contract Documents.

B. Substitution Requests: Submit three copies of each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.

1. Substitution Request Form: Use **CSI Form 13.1A** or **same content form provided by Contractor.**
2. Documentation: Show compliance with requirements for substitutions and the following, as applicable:

a. Statement indicating why specified material or product cannot be provided.
b. Coordination information, including a list of changes or modifications needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
c. Detailed comparison of significant qualities of proposed substitution with those of the Work specified. Significant qualities may include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
d. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
e. Samples, where applicable or requested.
f. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners.
g. Material test reports from a qualified testing agency indicating and interpreting test results for compliance with requirements indicated.

h. Research/evaluation reports evidencing compliance with building code in effect for Project, from a model code organization acceptable to authorities having jurisdiction.
i. Detailed comparison of Contractor's Construction Schedule using proposed substitution with products specified for the Work, including effect on the overall Contract Time.
j. Cost information, including a proposal of change, if any, in the Contract Sum.
k. Contractor's certification that proposed substitution complies with requirements in the Contract Documents and is appropriate for applications indicated.
l. Contractor's waiver of rights to additional payment or time that may subsequently become necessary because of failure of proposed substitution to produce indicated results.

3. Architect's Action: If necessary, Architect will request additional information or documentation for evaluation within one week of receipt of a request for substitution. Architect will notify Contractor of acceptance or rejection of proposed substitution within **10** calendar days of receipt of request, or **5** calendar days of receipt of additional information or documentation, whichever is later.

a. Form of Acceptance: Change Order.
b. Use product specified if Architect cannot make a decision on use of a proposed substitution within time allocated.

C. Basis-of-Design Product Specification Submittal: Comply with requirements in Division 1 Section "Submittal Procedures." Show compliance with requirements.

1.4 QUALITY ASSURANCE

A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, product selected shall be compatible with products previously selected, even if previously selected products were also options.

1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products using means and methods that will prevent damage, deterioration, and loss, including theft. Comply with manufacturer's written instructions.

1. Schedule delivery to minimize long-term storage at Project site and to prevent overcrowding of construction spaces.
2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.

4. Inspect products on delivery to ensure compliance with the Contract Documents and to ensure that products are undamaged and properly protected.
5. Store products to allow for inspection and measurement of quantity or counting of units.
6. Store materials in a manner that will not endanger Project structure.
7. Store products that are subject to damage by the elements, under cover in a weathertight enclosure above ground, with ventilation adequate to prevent condensation.
8. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
9. Protect stored products from damage.

1.6 PRODUCT WARRANTIES

A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.

B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution. Submit a draft for approval before final execution.

1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.
2. Retain subparagraph above or below, or both, depending on what is specified in individual Specification Sections.
3. Refer to Divisions 2 through 16 Sections for specific content requirements and particular requirements for submitting special warranties.

C. Submittal Time: Comply with requirements in Division 1 Section "Closeout Procedures."

PART 2 - PRODUCTS

2.1 PRODUCT OPTIONS-

A. General Product Requirements: Provide products that comply with the Contract Documents, that are undamaged and, unless otherwise indicated, that are new at time of installation.

1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects.
3. Owner reserves the right to limit selection to products with warranties not in conflict with requirements of the Contract Documents.

4. Where products are accompanied by the term "as selected," Architect will make selection.
5. Where products are accompanied by the term "match sample," sample to be matched is Architect's.
6. Descriptive, performance, and reference standard requirements in the Specifications establish "salient characteristics" of products.

B. Product Selection Procedures: Procedures for product selection include the following:

1. Product: Where Specification paragraphs or subparagraphs titled "Product" name a single product and manufacturer, provide the product named.

    a. Substitutions may be considered, unless otherwise indicated.

2. Manufacturer/Source: Where Specification paragraphs or subparagraphs titled "Manufacturer" or "Source" name single manufacturers or sources, provide a product by the manufacturer or from the source named that complies with requirements.

    a. Substitutions may be considered, unless otherwise indicated.

3. Products: Where Specification paragraphs or subparagraphs titled "Products" introduce a list of names of both products and manufacturers, provide one of the products listed that complies with requirements.

    a. Substitutions may be considered, unless otherwise indicated.

4. Manufacturers: Where Specification paragraphs or subparagraphs titled "Manufacturers" introduce a list of manufacturers' names, provide a product by one of the manufacturers listed that complies with requirements.

    a. Substitutions may be considered, unless otherwise indicated.

5. Available Products: Where Specification paragraphs or subparagraphs titled "Available Products" introduce a list of names of both products and manufacturers, provide one of the products listed or another product that complies with requirements. Comply with provisions in "Comparable Products" Article to obtain approval for use of an unnamed product.

6. Available Manufacturers: Where Specification paragraphs or subparagraphs titled "Available Manufacturers" introduce a list of manufacturers' names, provide a product by one of the manufacturers listed or another manufacturer that complies with requirements. Comply with provisions in "Comparable Products" Article to obtain approval for use of an unnamed product.

7. Basis-of-Design Products: Where Specification paragraphs or subparagraphs titled "Basis-of-Design Product" are included and also introduce or refer to a list of manufacturers' names, provide either the specified product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on

the product named. Comply with provisions in "Comparable Products" Article to obtain approval for use of an unnamed product.

a. Substitutions will be considered, unless otherwise indicated.

8. Visual Matching Specification: Where Specifications require matching an established Sample, select a product (and manufacturer) that complies with requirements and matches Architect's sample. Architect's decision will be final on whether a proposed product matches satisfactorily.

a. If no product available within specified category matches satisfactorily and complies with other specified requirements, comply with provisions of the Contract Documents on "substitutions" for selection of a matching product.

9. Visual Selection Specification: Where Specifications include the phrase "as selected from manufacturer's colors, patterns, textures" or a similar phrase, select a product (and manufacturer) that complies with other specified requirements.

a. Standard Range: Where Specifications include the phrase "standard range of colors, patterns, textures" or similar phrase, Architect will select color, pattern, or texture from manufacturer's product line that does not include premium items.
b. Full Range: Where Specifications include the phrase "full range of colors, patterns, textures" or similar phrase, Architect will select color, pattern, or texture from manufacturer's product line that includes both standard and premium items.

2.2 PRODUCT SUBSTITUTIONS

A. Timing: Architect will consider requests for substitution submitted 15 calendar days prior to Bid date and during the Construction Submittal Review period.

B. Conditions: Architect will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:

1. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities Owner must assume. Owner's additional responsibilities may include compensation to Architect for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.
2. Requested substitution does not require extensive revisions to the Contract Documents.
3. Requested substitution is consistent with the Contract Documents and will produce indicated results.
4. Substitution request is fully documented and properly submitted.
5. Requested substitution will not adversely affect Contractor's Construction Schedule.

6. Requested substitution has received necessary approvals of authorities having jurisdiction.
7. Requested substitution is compatible with other portions of the Work.
8. Requested substitution has been coordinated with other portions of the Work.
9. Requested substitution provides specified warranty.

2.3 COMPARABLE PRODUCTS

A. Where products or manufacturers are specified by name, submit the following, in addition to other required submittals, to obtain approval of an unnamed product:

1. Evidence that the proposed product does not require extensive revisions to the Contract Documents, that it is consistent with the Contract Documents and will produce the indicated results, and that it is compatible with other portions of the Work.
2. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
3. Evidence that proposed product provides specified warranty.
4. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners, if requested.
5. Samples, if requested.

EXECUTION (Not Used)

END OF SECTION 01600

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SUBSTITUTION REQUEST

(After the Bidding Phase)

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SUBSTITUTION REQUEST
(Continued)

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SECTION 01700 - **EXECUTION REQUIREMENTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes general procedural requirements governing execution of the Work including, but not limited to, the following:

1. Construction layout.
2. General installation of products.
3. Progress cleaning.
4. Starting and adjusting.
5. Protection of installed construction.
6. Correction of the Work.

B. See Division 1 Section "Closeout Procedures" for submitting final property survey with Project Record Documents, recording of Owner-accepted deviations from indicated lines and levels, and final cleaning.

1.2 SUBMITTALS

A. Landfill Receipts: Submit copy of receipts issued by a landfill facility, licensed to accept hazardous materials, for hazardous waste disposal.

1.3 QUALITY ASSURANCE

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Existing Conditions: The existence and location of site improvements, utilities, and other construction indicated as existing are not guaranteed. Before beginning work, investigate and verify the existence and location of mechanical and electrical systems and other construction affecting the Work.

1. Before construction, verify the location and points of connection of utility services.

B. Existing Utilities: The existence and location of underground and other utilities and construction indicated as existing are not guaranteed. Before beginning site work,

investigate and verify the existence and location of underground utilities and other construction affecting the Work.

1. Before construction, verify the location and invert elevation at points of connection of sanitary sewer, storm sewer, and water-service piping; and underground electrical services.
2. Furnish location data for work related to Project that must be performed by public utilities serving Project site.

C. Acceptance of Conditions: Examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.

1. Verify compatibility with and suitability of substrates, including compatibility with existing finishes or primers.
2. Examine roughing-in for mechanical and electrical systems to verify actual locations of connections before equipment and fixture installation.
3. Examine walls, floors, and roofs for suitable conditions where products and systems are to be installed.
4. Proceed with installation only after unsatisfactory conditions have been corrected. Proceeding with the Work indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Existing Utility Information: Furnish information to local utility and Owner that is necessary to adjust, move, or relocate existing utility structures, utility lines, services, or other utility appurtenances located in or affected by construction. Coordinate with authorities having jurisdiction.

B. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

C. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.

D. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents, submit a request for information to Architect. Include a detailed description of problem encountered, together with recommendations for changing the Contract Documents. **Submit requests on CSI Form 13.2A, "Request for Interpretation," or similar form supplied by Contractor.**

3.3 CONSTRUCTION LAYOUT

A. Verification: Before proceeding to lay out the Work, verify layout information shown on Drawings, in relation to existing conditions. If discrepancies are discovered, notify Architect promptly.

B. Site Improvements: Locate and lay out site improvements, including paving, grading, fill and topsoil placement, utility slopes, and invert elevations.

C. Building Lines and Levels: Locate and lay out control lines and levels for structures, building foundations, column grids, and floor levels, including those required for mechanical and electrical work.

3.4 INSTALLATION

A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.

1. Make vertical work plumb and make horizontal work level.
2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
3. Conceal pipes, ducts, and wiring in finished areas, unless otherwise indicated.

B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.

C. Install products at the time and under conditions that will ensure the best possible results. Maintain conditions required for product performance until Substantial Completion.

D. Conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.

E. Tools and Equipment: Do not use tools or equipment that produce harmful noise levels.

F. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.

G. Anchors and Fasteners: Provide anchors and fasteners as required to anchor each component securely in place, accurately located and aligned with other portions of the Work.

1. Mounting Heights: Where mounting heights are not indicated, mount components at heights directed by Architect.

2. Allow for building movement, including thermal expansion and contraction.
3. Coordinate installation of anchorages. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

H. Joints: Make joints of uniform width. Where joint locations in exposed work are not indicated, arrange joints for the best visual effect. Fit exposed connections together to form hairline joints.

I. Hazardous Materials: Use products, cleaners, and installation materials that are not considered hazardous.

3.5 PROGRESS CLEANING

A. General: Clean Project site and work areas daily, including common areas. Coordinate progress cleaning for joint-use areas where more than one installer has worked. Enforce requirements strictly. Dispose of materials lawfully.

1. Comply with requirements in NFPA 241 for removal of combustible waste materials and debris.
2. Do not hold materials more than 7 days during normal weather or 3 days if the temperature is expected to rise above 80 deg F.
3. Containerize hazardous and unsanitary waste materials separately from other waste. Mark containers appropriately and dispose of legally, according to regulations.

B. Site: Maintain Project site free of waste materials and debris.

C. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for proper execution of the Work.

1. Remove liquid spills promptly.
2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.

D. Installed Work: Keep installed work clean. Clean installed surfaces according to written instructions of manufacturer or fabricator of product installed, using only cleaning materials specifically recommended. If specific cleaning materials are not recommended, use cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.

E. Concealed Spaces: Remove debris from concealed spaces before enclosing the space.

F. Exposed Surfaces in Finished Areas: Clean exposed surfaces and protect as necessary to ensure freedom from damage and deterioration at time of Substantial Completion.

G. Waste Disposal: Burying or burning waste materials on-site will not be permitted. Washing waste materials down sewers or into waterways will not be permitted.

H. During handling and installation, clean and protect construction in progress and adjoining materials already in place. Apply protective covering where required to ensure protection from damage or deterioration at Substantial Completion.

I. Clean and provide maintenance on completed construction as frequently as necessary through the remainder of the construction period. Adjust and lubricate operable components to ensure operability without damaging effects.

J. Limiting Exposures: Supervise construction operations to assure that no part of the construction completed or in progress, is subject to harmful, dangerous, damaging, or otherwise deleterious exposure during the construction period.

3.6 STARTING AND ADJUSTING

A. Start equipment and operating components to confirm proper operation. Remove malfunctioning units, replace with new units, and retest.

B. Adjust operating components for proper operation without binding. Adjust equipment for proper operation.

C. Test each piece of equipment to verify proper operation. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.

D. Manufacturer's Field Service: If a factory-authorized service representative is required to inspect field-assembled components and equipment installation, comply with qualification requirements in Division 1 Section "Quality Requirements."

3.7 PROTECTION OF INSTALLED CONSTRUCTION

A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.

B. Comply with manufacturer's written instructions for temperature and relative humidity.

3.8 CORRECTION OF THE WORK

A. Repair or remove and replace defective construction. Restore damaged substrates and finishes. Comply with requirements in Division 1 Section "Cutting and Patching."

1. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.

B. Restore permanent facilities used during construction to their specified condition.

C. Remove and replace damaged surfaces that are exposed to view if surfaces cannot be repaired without visible evidence of repair.

D. Repair components that do not operate properly. Remove and replace operating components that cannot be repaired.

E. Remove and replace chipped, scratched, and broken glass or reflective surfaces.

END OF SECTION 01700

Advancement of Construction Technology

REQUEST OR INTERPRETATION

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SECTION 01732 - **SELECTIVE DEMOLITION**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes demolition and removal of the following:

1. Selected portions of a building or structure.
2. Repair procedures for selective demolition operations.

1.2 DEFINITIONS

A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.

B. Remove and Salvage: Detach items from existing construction and deliver them to Owner ready for reuse.

C. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.

D. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

1.3 MATERIALS OWNERSHIP

A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, demolished materials shall become Contractor's property and shall be removed from Project site.

1.4 SUBMITTALS

A. Proposed Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation. Identify options if proposed measures are later determined to be inadequate. Include measures for the following:

1. Dust control.
2. Noise control.

B. Schedule of Selective Demolition Activities: Indicate detailed sequence of selective demolition and removal work, with starting and ending dates for each activity, interruption of utility services, locations of temporary partitions and means of egress.

C. Pre-demolition Photographs or Videotape: Show existing conditions of adjoining construction and site improvements that might be misconstrued as damage caused by selective demolition operations. Submit before Work begins.

1.5 QUALITY ASSURANCE

A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project.

B. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

C. Standards: Comply with ANSI A10.6 and NFPA 241.

D. Pre-demolition Conference: Conduct conference at Project site.

1.6 PROJECT CONDITIONS

A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted. Provide not less than **72** hours' notice to Owner of activities that will affect Owner's operations.

B. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities.

1. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from authorities having jurisdiction.

C. Owner assumes no responsibility for condition of areas to be selectively demolished.

1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Architect and Owner.

E. Storage or sale of removed items or materials on-site will not be permitted.

F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.

1. Maintain fire-protection facilities in service during selective demolition operations.

1.7 WARRANTY

A. Existing Warranties: Do not to void existing warranties.

PART 2 - PRODUCTS

2.1 REPAIR MATERIALS

A. Use repair materials identical to existing materials.

1. If identical materials are unavailable or cannot be used for exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible.
2. Use materials whose installed performance equals or surpasses that of existing materials.

PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify that utilities have been disconnected and capped.

B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.

C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.

D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.

E. Engage a professional engineer to survey condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during selective demolition operations.

3.2 UTILITY SERVICES

A. Existing Utilities: Maintain services indicated to remain and protect them against damage during selective demolition operations.

B. Do not interrupt existing utilities serving occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction. Schedule and coordinate change new work affecting utilities with Owner to minimize any disruption of service. If necessary, provide temporary services during interruptions to existing utilities, as acceptable to Owner and to authorities having jurisdiction.

1. **Provide at least 7 days notice to Owner if shutdown of service is required.**

C. Utility Requirements: Locate, identify, disconnect, and seal or cap off indicated utilities serving areas to be selectively demolished.

1. Arrange to shut off indicated utilities with utility companies.
2. If utility services are required to be removed, relocated, or abandoned, provide temporary utilities before proceeding with selective demolition that bypass area of selective demolition and that maintain continuity of service to other parts of building.
3. Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.

3.3 PREPARATION

A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
1. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
2. Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
3. Protect existing site improvements, appurtenances, and landscaping to remain.

B. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

C. Temporary Enclosures: Provide temporary enclosures for protection of existing building and construction, in progress and completed, from exposure, foul weather, other construction operations, and similar activities. Provide temporary weather tight enclosure for building exterior.

3.4 POLLUTION CONTROLS

A. Dust Control: Use water mist, temporary enclosures, and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations.

B. Disposal: Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

C. Cleaning: Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

3.5 SELECTIVE DEMOLITION

A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations.

B. Removed and Salvaged Items:

1. Clean salvaged items.
2. Arrange for protective storage of salvaged items designated for reuse.
3. Transport items to storage area on-site as designated by Owner.
4. Protect items from damage during storage.

C. Removed and Reinstalled Items:
1. Protect items from damage during transport and storage.
2. Reinstall items in locations indicated. Comply with installation requirements for similarly new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.

D. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition.

2.2 PATCHING AND REPAIRS

A. General: Promptly repair damage to adjacent construction caused by selective demolition operations.

2.8 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.

B. Burning: Do not burn demolished materials.

1. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

END OF SECTION 01732

SECTION 01770 - **CLOSEOUT PROCEDURES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:

1. Inspection procedures.
2. Project Record Documents.
3. Operation and maintenance manuals.
4. Warranties.
5. Instruction of Owner's personnel.
6. Final cleaning.
7. 12-month Warranty Review.

B. See Division 1 Section "Payment Procedures" for requirements for Applications for Payment for Substantial and Final Completion.

C. See Division 1 Section "Construction Progress Documentation" for submitting Final Completion construction photographs and negatives.

D. See Divisions 2 through 16 Sections for specific closeout and special cleaning requirements for products of those Sections.

1.2 SUBSTANTIAL COMPLETION

A. Preliminary Procedures: Before requesting inspection for determining date of Substantial Completion, complete the following. List items below that are incomplete in request.

1. Prepare a list of items to be completed and corrected (punch list), the value of items on the list, and reasons why the Work is not complete.
2. Advise Owner of pending insurance changeover requirements.
3. Submit specific warranties, workmanship bonds, maintenance service agreements, final certifications, and similar documents.
4. Obtain and submit releases permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases.
5. Prepare and submit Project Record Documents, operation and maintenance manuals, Final Completion construction photographs, damage or settlement surveys, property surveys, and similar final record information.
6. Deliver tools, spare parts, extra materials, and similar items to location designated by Owner. Label with manufacturer's name and model number where applicable.

7. Make final changeover of permanent locks and deliver keys to Owner. Advise Owner's personnel of changeover in security provisions.
8. Complete startup testing of systems.
9. Submit test/adjust/balance records.
10. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
11. Advise Owner of changeover in heat and other utilities.
12. Submit changeover information related to Owner's occupancy, use, operation, and maintenance.
13. Complete final cleaning requirements, including touchup painting.
14. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.

B. Inspection: Submit a written request for inspection for Substantial Completion. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare the Certificate of Substantial Completion after inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.

1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
2. Results of completed inspection will form the basis of requirements for Final Completion.

1.3 FINAL COMPLETION

A. Preliminary Procedures: Before requesting final inspection for determining date of Final Completion, complete the following:

1. Submit a final Application for Payment according to Division 1 Section "Payment Procedures."
2. Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. The certified copy of the list shall state that each item has been completed or otherwise resolved for acceptance.
3. Submit evidence of final, continuing insurance coverage complying with insurance requirements.
4. Submit pest-control final inspection report and warranty.
5. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems.

B. Inspection: Submit a written request for final inspection for acceptance. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare a final Certificate for Payment after inspection or will notify Contractor of construction that must be completed or corrected before certificate will be issued.

1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.

1.4 LIST OF INCOMPLETE ITEMS (PUNCH LIST)

A. Preparation: Submit **three** copies of list. Include name and identification of each space and area affected by construction operations for incomplete items and items needing correction including, if necessary, areas disturbed by Contractor that are outside the limits of construction. **Use CSI Form 14.1A. or Similar.**

1. Organize list of spaces in sequential order, starting with exterior areas first and proceeding from lowest floor to highest floor.
2. Organize items applying to each space by major element, including categories for ceiling, individual walls, floors, equipment, and building systems.

1.5 PROJECT RECORD DOCUMENTS

A. General: Do not use Project Record Documents for construction purposes. Protect Project Record Documents from deterioration and loss. Provide access to Project Record Documents for Architect's reference during normal working hours.

B. Record Drawings: Maintain and submit one set of black-line white prints of Contract Drawings and Shop Drawings.

1. Mark Record Prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to prepare the marked-up Record Prints.

    a. Give particular attention to information on concealed elements that cannot be readily identified and recorded later.
    b. Record data as soon as possible after obtaining it. Record and check the markup before enclosing concealed installations.

2. Mark record sets in colors to distinguish between changes for different categories of the Work at the same location.
3. Note Construction Change Directive numbers, Change Order numbers, alternate numbers, and similar identification where applicable.
4. Identify and date each Record Drawing; include the designation "PROJECT RECORD DRAWING" in a prominent location. Organize into manageable sets; bind each set with durable paper cover sheets. Include identification on cover sheets. Provide 3 hard copies in 24 x 26 format and 3 electronic copies on labeled CD or DVD.

C. Miscellaneous Record Submittals: Assemble miscellaneous records required by other Specification Sections for miscellaneous record keeping and submittal in connection with actual performance of the Work. Bind or file miscellaneous records and identify each, ready for continued use and reference.

1.6 OPERATION AND MAINTENANCE MANUALS

A. Assemble a complete set of operation and maintenance data indicating the operation and maintenance of each system, subsystem, and piece of equipment not part of a system. Include operation and maintenance data required in individual Specification Sections and as follows:

1. Operation Data: Include emergency instructions and procedures, system and equipment descriptions, operating procedures, and sequence of operations.
2. Maintenance Data: Include manufacturer's information, list of spare parts, maintenance procedures, maintenance and service schedules for preventive and routine maintenance, and copies of warranties and bonds.

B. Organize operation and maintenance manuals into suitable sets of manageable size. Bind and index data in heavy-duty, three-ring, vinyl-covered, loose-leaf binders, in thickness necessary to accommodate contents, with pocket inside the covers to receive folded oversized sheets. Identify each binder on front and spine with the printed title **"BUCKEYE SUNDANCE RECREATION CENTER- OPERATION AND MAINTENANCE MANUAL,"** and subject matter of contents. Provide 3 identical electronic copies in 8.5 x 11 format on labeled CD-ROM or DVD format.

1.7 WARRANTIES

A. Submittal Time: Submit written warranties on request of Architect for designated portions of the Work where commencement of warranties other than date of Substantial Completion is indicated.

B. Organize warranty documents into an orderly sequence based on the table of contents of the Project Manual.

1. Combine and organize warranties and bonds in 8-1/2-by-11-inch format, scan warranties with original signatures, and provide 3 electronic copies on labeled CD or DVD.
2. Provide a typed description of the product or installation, including the name of the product and the name, address, and telephone number of Installer.
3. Identify with the typed or printed title "**WARRANTIES,"** Project name, and name of Contractor.

C. Provide additional copies of each warranties to include in **Operation and Maintenance manuals.**

D. **12-MONTH WARRANTY REVIEW:** A warranty review will be conducted just prior to the twelfth month following the Certificate of Occupancy to review the operations and maintenance of all installed systems, subsystems, materials, and finishes for potential claims for defects.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.

PART 3 - EXECUTION

3.1 FINAL CLEANING

A. General: Provide final cleaning. Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations.

B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.

1. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for entire Project or for a portion of Project:

    a. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and other foreign substances.
    b. Sweep paved areas broom clean. Remove petrochemical spills, stains, and other foreign deposits.
    c. Rake grounds that are neither planted nor paved to a smooth, even-textured surface.
    d. Remove tools, construction equipment, machinery, and surplus material from Project site.
    e. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.
    f. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics, and similar spaces.
    g. Sweep concrete floors broom-clean in unoccupied spaces.
    h. Vacuum carpet and similar soft surfaces, removing debris and excess nap; shampoo if visible soil or stains remain.
    i. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other noticeable, vision-obscuring materials. Replace chipped or broken glass and other damaged transparent materials. Polish mirrors and glass, taking care not to scratch surfaces.

j. Remove labels that are not permanent.
k. Touch up and otherwise repair and restore marred, exposed finishes and surfaces. Replace finishes and surfaces that cannot be satisfactorily repaired or restored or that already show evidence of repair or restoration.

1) Do not paint over "UL" and similar labels, including mechanical and electrical nameplates.

l. Wipe surfaces of mechanical and electrical equipment, and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
m. Replace parts subject to unusual operating conditions.
n. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure.
o. Replace disposable air filters and clean permanent air filters. Clean exposed surfaces of diffusers, registers, and grills.
p. Clean light fixtures, lamps, globes, and reflectors to function with full efficiency. Replace burned-out bulbs, and those noticeably dimmed by hours of use, and defective and noisy starters in fluorescent and mercury vapor fixtures to comply with requirements for new fixtures.
q. Leave Project clean and ready for occupancy.

C. Comply with safety standards for cleaning. Do not burn waste materials. Do not bury debris or excess materials on Owner's property. Do not discharge volatile, harmful, or dangerous materials into drainage systems. Remove waste materials from Project site and dispose of lawfully.

END OF SECTION 01770

SECTION 01781 - **PROJECT RECORD DOCUMENTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for Project Record Documents, including the following:

1. Record Drawings.
2. Record Specifications.
3. Record Product Data.

B. See Division 1 Section "**Closeout Procedures** & **Operation and Maintenance Data**" for **Operation and Maintenance Manual requirements**.

C. See Divisions 2 through 16 Sections for specific requirements for Project Record Documents of products in those Sections.

1.2 SUBMITTALS

A. Record Drawings: Comply with the following:
1. Number of Copies: Submit copies of Record Drawings as follows:
a. Final Submittal: Submit **two sets** of marked-up Record Prints, and the following:
1) Two copies printed from Record Field Changes. Print each Drawing, whether or not changes and additional information were recorded.

PART 2 - PRODUCTS

2.1 RECORD DRAWINGS

A. Record Prints: Maintain one set of blue- or black-line white prints of the Contract Drawings and Shop Drawings.

1. Preparation: Mark Record Prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to prepare marked-up Record Prints.

a. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later.
b. Record data as soon as possible after obtaining it. Record and check the markup before enclosing concealed installations.

2. Mark the Contract Drawings or Shop Drawings, whichever is most capable of showing actual physical conditions, completely and accurately. If Shop Drawings are marked, show cross-reference on the Contract Drawings.
3. Mark record sets with erasable, red-colored pencil. Use other colors to distinguish between changes for different categories of the Work at same location.
4. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.

B. Format: Identify and date each Record Drawing; include the designation **"PROJECT RECORD DRAWING**" in a prominent location.

1. Record Prints: Organize Record Prints and newly prepared Record Drawings into manageable sets. Bind each set with durable paper cover sheets. Include identification on cover sheets.

a. Project name.
b. Date.
c. Designation "PROJECT RECORD DRAWINGS."
d. Name of Architect.
e. Name of Contractor.

PART 3 - EXECUTION

3.1 RECORDING AND MAINTENANCE

A. Recording: Maintain one copy of each submittal during construction period for Project Record Document purposes. Post changes and modifications to Project Record Documents as they occur; do not wait until end of Project.

B. Maintenance of Record Documents and Samples: Store Record Documents and Samples in the field office apart from the Contract Documents used for construction. Do not use Project Record Documents for construction purposes. Maintain Record Documents in good order and in clean, dry, legible condition, protected from deterioration and loss. Provide access to Project Record Documents for Architect's reference during normal working hours.

END OF SECTION 01781

SECTION 01782 - **OPERATION AND MAINTENANCE DATA**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes administrative and procedural requirements for preparing operation and maintenance manuals, including the following:

1. **Operation & Maintenance Manuals** for systems, subsystems, products, materials, finishes, and equipment.

2. Emergency Manual(s).

B. See Divisions 2 through 16 Sections for specific operation and maintenance manual requirements for products in those Sections.

1.2 SUBMITTALS

A. Manual: Submit **2 copies** of O & M Manual in final form at least **15** days before final inspection. Architect will return copy with comments within **15** days after final inspection.

1. Correct or modify each manual to comply with Architect's comments. Submit **3** copies of each corrected manual within **15** days of receipt of Architect's comments.

PART 2 - PRODUCTS

2.1 **Operation & Maintenance Manuals**, GENERAL

A. Organization: Unless otherwise indicated, organize each manual into a separate section for each system and subsystem, and a separate section for each piece of equipment not part of a system. Each manual shall contain a title page, table of contents, and manual contents.

B. Title Page: Enclose title page in transparent plastic sleeve. Include the following information:

1. Subject matter included in manual.
2. Name and address of Project.
3. Name and address of Owner.
4. Date of submittal.

5. Name, address, and telephone number of Contractor.
6. Name and address of Architect.
7. Cross-reference to related systems in other operation and maintenance manuals.

C. Table of Contents: List each product included in manual, identified by product name, indexed to content of volume, and cross-referenced to Specification Section number in Project Manual.

D. Manual Contents: Organize into sets of manageable size. Arrange contents alphabetically by system, subsystem, and equipment. If possible, assemble instructions for subsystems, equipment, and components of one system into a single binder.

1. Binders: Heavy-duty, 3-ring, vinyl-covered, loose-leaf binders, in thickness necessary to accommodate contents, sized to hold 8-1/2-by-11-inch paper; with clear plastic sleeve on spine to hold label describing contents and with pockets inside covers to hold folded oversize sheets.

    a. Identify each binder on front and spine, with printed title " **BUCKEYE SUNDANCE RECREATION CENTER - OPERATION & MAINTENANCE MANUAL**," Project title or name, and subject matter of contents. Indicate volume number for multiple-volume sets.

2. Dividers: Heavy-paper dividers with plastic-covered tabs for each section. Mark each tab to indicate contents. Include typed list of products and major components of equipment included in the section on each divider, cross-referenced to Specification Section number and title of Project Manual.
3. Protective Plastic Sleeves: Transparent plastic sleeves designed to enclose diagnostic software diskettes for computerized electronic equipment.
4. Drawings: Attach reinforced, punched binder tabs on drawings and bind with text.

    a. If oversize drawings are necessary, fold drawings to same size as text pages and use as foldouts.
    b. If drawings are too large to be used as foldouts, fold and place drawings in labeled envelopes and bind envelopes in rear of manual. At appropriate locations in manual, insert typewritten pages indicating drawing titles, descriptions of contents, and drawing locations.

2.2 OPERATION MANUALS

A. Content: In addition to requirements in this Section, include operation data required in individual Specification Sections and equipment descriptions, operating standards, operating procedures, operating logs, wiring and control diagrams, and license requirements.

B. Descriptions: Include the following:

1. Product name and model number.
2. Manufacturer's name.

3. Equipment identification with serial number of each component.
4. Equipment function.
5. Operating characteristics.
6. Limiting conditions.
7. Performance curves.
8. Engineering data and tests.
9. Complete nomenclature and number of replacement parts.

C. Operating Procedures: Include startup, break-in, and control procedures; stopping and normal shutdown instructions; routine, normal, seasonal, and weekend operating instructions; and required sequences for electric or electronic systems.

D. Systems and Equipment Controls: Describe sequence of operation, and diagram controls as installed.

E. Piped Systems: Diagram piping as installed, and identify color-coding where required for identification.

2.3 PRODUCT MAINTENANCE MANUAL

A. Content: Organize manual into a separate section for each product, material, and finish. Include source information, product information, maintenance procedures, repair materials and sources, and warranties and bonds, as described below.

B. Source Information: List each product included in manual, identified by product name and arranged to match manual's table of contents. For each product, list name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section number and title in Project Manual.

C. Product Information: Include the following, as applicable:

1. Product name and model number.
2. Manufacturer's name.
3. Color, pattern, and texture.
4. Material and chemical composition.
5. Reordering information for specially manufactured products.

D. Maintenance Procedures: Include manufacturer's written recommendations for inspection procedures, types of cleaning agents, methods of cleaning, schedule for cleaning and maintenance, and repair instructions.

E. Repair Materials and Sources: Include lists of materials and local sources of materials and related services.

F. Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and conditions that would affect validity of warranties or bonds.

2.4 SYSTEMS AND EQUIPMENT MAINTENANCE MANUAL

A. Content: For each system, subsystem, and piece of equipment not part of a system, include source information, manufacturers' maintenance documentation, maintenance procedures, maintenance and service schedules, spare parts list and source information, maintenance service contracts, and warranty and bond information, as described below.

B. Source Information: List each system, subsystem, and piece of equipment included in the manual, identified by product name and arranged to match manual's table of contents. For each product, list name, address, and telephone number of Installer or supplier and maintenance service agent, and cross-reference Specification Section number and title in Project Manual.

C. Manufacturers' Maintenance Documentation: Manufacturers' maintenance documentation including maintenance instructions, drawings and diagrams for maintenance, nomenclature of parts and components, and recommended spare parts for each component part or piece of equipment.

D. Maintenance Procedures: Include test and inspection instructions, troubleshooting guide, disassembly instructions, and adjusting instructions that detail essential maintenance procedures.

E. Maintenance and Service Schedules: Include service and lubrication requirements, list of required lubricants for equipment, and separate schedules for preventive and routine maintenance and service with standard time allotment.

F. Spare Parts List and Source Information: Include lists of replacement and repair parts, with parts identified and cross-referenced to manufacturers' maintenance documentation and local sources of maintenance materials and related services.

G. Maintenance Service Contracts: Include copies of maintenance agreements with name and telephone number of service agent.

H. Warranties and Bonds: Include copies of warranties and bonds and lists of circumstances and conditions that would affect validity of warranties or bonds.

PART 3 - EXECUTION

3.1 MANUAL PREPARATION

A. Product Maintenance Manual: Assemble a complete set of maintenance data indicating care and maintenance of each product, material, and finish incorporated into the Work.

B. Operation and Maintenance Manuals: Assemble a complete set of operation and maintenance data indicating operation and maintenance of each system, subsystem, and piece of equipment not part of a system.

C. Manufacturers' Data: Where manuals contain manufacturers' standard printed data, include only sheets pertinent to product or component installed. Mark each sheet to identify each product or component incorporated into the Work. If data include more than one item in tabular format, identify each item using appropriate references from the Contract Documents. Identify data applicable to the Work and delete references to information not applicable.

D. Drawings: Prepare drawings supplementing manufacturers' printed data to illustrate relationship of component parts of equipment and systems and to illustrate control sequence and flow diagrams. Coordinate these drawings with information contained in Record Drawings to ensure correct illustration of completed installation.

    1. Do not use original Project Record Documents as part of operation and maintenance manuals.

E. Comply with Division 1 Section "Closeout Procedures" for the schedule for submitting operation and maintenance documentation.

END OF SECTION 01782

SECTION 02230 - **SITE CLEARING**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:
   1. Clearing and grubbing.
   2. Temporary erosion and sedimentation control measures.

1.2 MATERIAL OWNERSHIP

A. Except for stripped topsoil or other materials indicated to remain Owner's property, cleared materials shall become Contractor's property and shall be removed from Project site.

1.3 PROJECT CONDITIONS

A. Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities during site-clearing operations.

   1. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction.
   2. Provide alternate routes around closed or obstructed traffic ways if required by authorities having jurisdiction.

B. Salvable Improvements: Carefully remove items indicated to be salvaged and store on Owner's premises where indicated.

C. Utility Locator Service: Notify utility locator service for area where Project is located before site clearing.

D. Do not commence site clearing operations until temporary erosion and sedimentation control measures are in place.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS- **Consult Owner's Geotechnical Report.**

A. Satisfactory Soil Materials: Requirements for satisfactory soil materials are specified in Division 2 Section "Earthwork."

   1. Obtain approved borrow soil materials off-site when satisfactory soil materials are not available on-site.

PART 3 - EXECUTION

3.1 PREPARATION

A. Protect and maintain benchmarks and survey control points from disturbance during construction.

B. Locate and clearly flag trees and vegetation to remain or to be relocated.

C. Protect existing site improvements to remain from damage during construction.

1. Restore damaged improvements to their original condition, as acceptable to Owner.

3.2 UTILITIES

A. Locate all underground Utilities and flag prior to beginning Building Pad preparation.

1. Arrange with utility companies to connect utilities as required.

B. Existing Utilities: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:

1. Notify Owner not less than **seven days** in advance of proposed utility interruptions.
2. Do not proceed with utility interruptions without Owner's written permission.

3.3 CLEARING AND GRUBBING

A. Fill depressions caused by clearing and grubbing operations with satisfactory soil material unless further excavation or earthwork is indicated.

1. Place fill material in horizontal layers not exceeding a loose depth of 8 inches and compact each layer to a density equal to adjacent original ground.

3.4 TOPSOIL STRIPPING

A. Strip topsoil to whatever depths are encountered in a manner to prevent intermingling with underlying subsoil or other waste materials.

B. Stockpile topsoil materials away from edge of excavations without intermixing with subsoil. Grade and shape stockpiles to drain surface water. Cover to prevent windblown dust.

3.5 DISPOSAL

A. Disposal: Remove surplus soil material, unsuitable topsoil, obstructions, demolished materials, and waste materials including trash and debris, and legally dispose of them off Owner's property.

SECTION 02260 - **EXCAVATION SUPPORT AND PROTECTION**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes temporary excavation support and protection systems.

1.2 PERFORMANCE REQUIREMENTS

A. Design, furnish, install, monitor, and maintain excavation support and protection system capable of supporting excavation sidewalls and of resisting soil and hydrostatic pressure and superimposed and construction loads.

1. Provide professional engineering services needed to assume engineering responsibility, including preparation of Shop Drawings and a comprehensive engineering analysis by a qualified professional engineer.

1.3 SUBMITTALS

A. Shop Drawings for Information: Prepared by or under the supervision of a qualified professional engineer for excavation support and protection systems.

1. Include Shop Drawings signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 PROJECT CONDITIONS

A. Survey adjacent structures and improvements, employing a qualified professional engineer or land surveyor; establish exact elevations at fixed points to act as benchmarks. Clearly identify benchmarks and record existing elevations.

1. During installation of excavation support and protection systems, regularly resurvey benchmarks, maintaining an accurate log of surveyed elevations and positions for comparison with original elevations and positions. Promptly notify Architect if changes in elevations or positions occur or if cracks, sags, or other damage is evident in adjacent construction.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: Provide materials that are either new or in serviceable condition.

B. Structural Steel: ASTM A 36/A 36M, ASTM A 690/A 690M, or ASTM A 992/A 992M.

C. Steel Sheet Piling: ASTM A 328/A 328M, ASTM A 572/A 572M, or ASTM A 690/A 690M; with continuous interlocks.

D. Wood Lagging: Lumber, mixed hardwood, nominal rough thickness of 4 inches.

E. Cast-in-Place Concrete: ACI 301, of compressive strength required for application.

F. Reinforcing Bars: ASTM A 615/A 615M, Grade 60 (Grade 420), deformed.

PART 3 - EXECUTION

3.1 PREPARATION

A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation support and protection system operations.

B. Install excavation support and protection systems to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.

C. Monitor excavation support and protection systems daily during excavation progress and for as long as excavation remains open. Promptly correct bulges, breakage, or other evidence of movement to ensure that excavation support and protection systems remain stable.

D. Promptly repair damages to adjacent facilities caused by installing excavation support and protection systems.

3.2 REMOVAL AND REPAIRS

A. Remove excavation support and protection systems when construction has progressed sufficiently to support excavation and bear soil and hydrostatic pressures. Remove in stages to avoid disturbing underlying soils or damaging structures, pavements, facilities, and utilities.

1. Remove excavation support and protection systems to a minimum depth of 48 inches below overlying construction and abandon remainder.
2. Repair or replace, as approved by Architect, adjacent work damaged or displaced by removing excavation support and protection systems.

B. Leave excavation support and protection systems permanently in place.

END OF SECTION 02260

SECTION 02300 - **EARTHWORK**

PART 1 - GENERAL

See *Geotechnical Engineering Report* provided at the end of this Section which takes precedence in all cases.

Rough and final grading, and the preparation of the Building and Concrete Paving Pad for finish grades as indicated on the Drawings shall be prepared and compacted by Contractor as part of the Work for this Project.

1.1 SUMMARY

A. This Section includes the following:

1. Preparing sub-grades for slabs-on-grade, walks, and pavements.
2. Excavating and backfilling for buildings and structures.
3. Drainage course for slabs-on-grade.
4. Sub-base course for concrete walks and pavements.
5. Excavating and backfilling for utility trenches.

1.2 DEFINITIONS

A. Backfill: Soil material used to fill an excavation.

1. Initial Backfill: Backfill placed beside and over pipe in a trench, including haunches to support sides of pipe.
2. Final Backfill: Backfill placed over initial backfill to fill a trench.

B. Base Course: Course placed between the sub-base course and hot-mix asphalt paving.

C. Bedding Course: Course placed over the excavated sub-grade in a trench before laying pipe.

D. Borrow Soil: Satisfactory soil imported from off-site for use as fill or backfill.

E. Drainage Course: Course supporting the slab-on-grade that also minimizes upward capillary flow of pore water.

F. Excavation: Removal of material encountered above sub-grade elevations and to lines and dimensions indicated.

1. Authorized Additional Excavation: Excavation below sub-grade elevations or beyond indicated lines and dimensions as directed by Architect. Authorized

additional excavation and replacement material will be paid for according to Contract provisions changes in the Work.

2. Unauthorized Excavation: Excavation below sub-grade elevations or beyond indicated lines and dimensions without direction by Architect. Unauthorized excavation, as well as remedial work directed by Architect, shall be without additional compensation.

G. Fill: Soil materials used to raise existing grades.

H. Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical appurtenances, or other man-made stationary features constructed above or below the ground surface.

I. Sub-base Course: Course placed between the sub-grade and base course for hot-mix asphalt pavement, or course placed between the sub-grade and a cement concrete pavement or a cement concrete.

J. Sub-grade: Surface or elevation remaining after completing excavation, or top surface of a fill or backfill immediately below sub-base, drainage fill, or topsoil materials.

K. Utilities: On-site underground pipes, conduits, ducts, and cables, as well as underground services within buildings.

1.3 PROJECT SITE CONDITIONS

A. **Soils Report:** All procedures, recommendations and testing requirements shall take precedence.

1. Soils Report was provided by the RAMM to the Architect via City of Buckeye for design of this project entitled: ***Geotechnical Engineering Report, Kitchen Addition-Buckeye Community Center,*** *201 East Centre Avenue, Buckeye, AZ RAMM Project No. G26095*, dated November 26, 2019. Full Report is provided at the end of this Section 02300.

2. Neither the Owner or Architect guarantees the accuracy of the report nor the continuity of the soil conditions indicated at boring locations.

3. Portions of the Soil Report incorporated, either by reprint or reference, into these Specifications are those which relate to the quality of materials and workmanship and become a part of the Contract Documents. Quantities of excavation and fill materials shall be as required by actual conditions as depicted by the soil bearings presented in the Soil Report.

B. Existing Conditions:

1. Bidders are expected to visit the site to form their own conclusions as to the character of the Work under this Section.

C. Existing Utilities: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted in writing by Owner and then only after arranging to provide temporary utility services according to requirements indicated.

1.4 QUALITY ASSURANCE

A. Regulatory Requirements: Comply with applicable Federal, State, and local ordinances, including Arizona Highway Department Standard Specifications and MAG Specifications. Where Geotechnical Report, General Structural notes, or Notes on Drawings state more restrictive requirements, the requirements of the Geotechnical Report, General Structural Notes, or Notes on Drawings shall govern.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS

A. General: Provide borrow soil materials when sufficient satisfactory soil materials are not available from excavations.

B. Fill and Backfill Materials: In accordance with Soils Report.

C. Sub-base Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 90 percent passing a 1-1/2-inch sieve and not more than 12 percent passing a No. 200 sieve.

D. Base Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 95 percent passing a 1-1/2-inch sieve and not more than 8 percent passing a No. 200 sieve.

E. Engineered Fill: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 90 percent passing a 1-1/2-inch sieve and not more than 12 percent passing a No. 200 sieve.

F. Bedding Course: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; except with 100 percent passing a 1-inch sieve and not more than 8 percent passing a No. 200 sieve.

G. Drainage Course: Narrowly graded mixture of washed, crushed stone, or crushed or uncrushed gravel; ASTM D 448; coarse-aggregate grading Size 57; with 100 percent passing a 1-1/2-inch sieve and 0 to 5 percent passing a No. 8 s

PART 3- EXECUTION

3.1 PREPARATION

A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.

B. Preparation of sub-grade for earthwork operations including removal of vegetation, topsoil, debris, obstructions, and deleterious materials from ground surface is specified in Division 2 Section "Site Clearing."

3.2 EXCAVATION

A. Unclassified Excavation: Excavate to sub-grade elevations regardless of the character of surface and subsurface conditions encountered. Unclassified excavated materials may include rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions.

1. If excavated materials intended for fill and backfill include unsatisfactory soil materials and rock, replace with satisfactory soil materials.

3.3 EXCAVATION FOR STRUCTURES

A. Excavate to indicated elevations and dimensions within a tolerance of plus or minus 1 inch. If applicable, extend excavations a sufficient distance from structures for placing and removing concrete formwork, for installing services and other construction, and for inspections.

B. Excavations for Footings and Foundations: Do not disturb bottom of excavation. Excavate by hand to final grade just before placing concrete reinforcement. Trim bottoms to required lines and grades to leave solid base to receive other work.

3.4 EXCAVATION FOR WALKS AND PAVEMENTS

A. Excavate surfaces under walks and pavements to indicated lines, cross sections, elevations, and sub-grades.

3.5 EXCAVATION FOR UTILITY TRENCHES.

A. Excavate trenches to indicated gradients, lines, depths, and elevations.

B. Excavate trenches to uniform widths to provide the following clearance on each side of pipe or conduit. Excavate trench walls vertically from trench bottom to 12 inches higher than top of pipe or conduit, unless otherwise indicated.

1. Clearance: 12 inches each side of pipe or conduit

C. Trench Bottoms: Excavate and shape trench bottoms to provide uniform bearing and support of pipes and conduit. Shape sub-grade to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits. Remove projecting stones and sharp objects along trench sub-grade.

1. Excavate trenches 6 inches deeper than elevation required in rock or other unyielding bearing material, 4 inches deeper elsewhere, to allow for bedding course.

D. Compact sub-base and base course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than **95** percent of maximum dry unit weight according to ASTM D 698.

3.6 UNAUTHORIZED EXCAVATION

A. Fill unauthorized excavation under foundations or wall footings by extending bottom elevation of concrete foundation or footing to excavation bottom, without altering top elevation. Lean concrete fill, with 28-day compressive strength of 2500 psi, may be used when approved by Architect.

B. Fill unauthorized excavations under other construction or utility pipe as directed by Architect.

3.7 STORAGE OF SOIL MATERIALS

A. Stockpile borrow soil materials and excavated satisfactory soil materials without intermixing. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.

1. Stockpile soil materials away from edge of excavations. Do not store within drip line of trees.

3.8 UTILITY TRENCH BACKFILL

A. Place backfill on sub-grades free of mud, frost, snow, or ice.

B. Place and compact bedding course on trench bottoms and where indicated. Shape bedding course to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits.

C. Backfill trenches excavated under footings and within 18 inches of bottom of footings with satisfactory soil; fill with concrete to elevation of bottom of footings. Concrete is specified in Division 3 Section Cast-in-Place Concrete.

D. Place and compact initial backfill of sub-base material or satisfactory soil, free of particles larger than 1 inch in any dimension, to a height of 12 inches over the utility pipe or conduit.

1. Carefully compact initial backfill under pipe haunches and compact evenly up on both sides and along the full length of utility piping or conduit to avoid damage or displacement of piping or conduit. Coordinate backfilling with utilities testing.

E. Place and compact final backfill of satisfactory soil to final sub-grade elevation.

3.9 SOIL FILL

A. Plow, scarify, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with existing material.

B. Place and compact fill material in layers to required elevations as follows:

1. Under grass and planted areas, use satisfactory soil material.
2. Under walks and pavements, use satisfactory soil material.
3. Under steps and ramps, use engineered fill.
4. Under building slabs, use engineered fill.
5. Under footings and foundations, use engineered fill.

3.10 SOIL MOISTURE CONTROL

Provide in accordance with the Soils Investigation Report.

3.11 COMPACTION OF SOIL BACKFILLS AND FILLS

A. Place backfill and fill soil materials in layers not more than 6 inches in loose depth for material compacted by heavy compaction equipment. Place backfill and fill soil materials evenly on all sides of structures to required elevations, and uniformly along the full length of each structure.

B. Compact soil materials to not less than the following percentages of maximum dry density according to ASTM D 698.

1. Under structures, building slabs, steps, and pavements, scarify and re-compact per recommendations of Soils Investigation Report.
2. Under walkways, scarify and re-compact below sub-grade and compact each layer of backfill or fill soil material at percentage recommended by Soils Investigation Report.

3.12 GRADING

A. General: Uniformly grade areas to a smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.

B. Site Grading: Slope grades to direct water away from buildings and to prevent ponding. Finish sub-grades to required elevations within the following tolerances:

1. Unpaved Areas: Plus or minus 1 inch.
2. Walks: Plus or minus 1 inch.
3. Pavements: Plus or minus 1/2 inch

G. Grading inside Building Lines: Finish sub-grade to a tolerance of 1/2 inch when tested with a 10-foot straightedge.

2.2 SUB-BASE AND BASE COURSES

A. Place sub-base and base course on sub-grades free of mud.

B. On prepared sub-grade, place sub-base and base course under pavements and walks as follows:

1. Shape sub-base and base course to required crown elevations and cross-slope grades.
2. Compact sub-base and base course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than 95 percent of maximum dry unit weight according to ASTM D 698.

2.3 FIELD QUALITY CONTROL

A. Testing Agency: Contractor shall engage a qualified independent geotechnical engineering testing agency to perform field quality-control testing.

B. Allow testing agency to inspect and test sub-grades and each fill or backfill layer. Proceed with subsequent earthwork only after test results for previously completed work comply with requirements.

C. Footing Sub-grade: At footing sub-grades, at least one test of each soil stratum will be performed to verify design bearing capacities. Subsequent verification and approval of other footing sub-grades may be based on a visual comparison of sub-grade with tested sub-grade when approved by Architect.

D. Testing agency will test compaction of soils in place according to ASTM D 1556, ASTM D 2167, ASTM D 2922, and ASTM D 2937, as applicable.

E. When testing agency reports that sub-grades, fills, or backfills have not achieved degree of compaction specified, scarify and moisten or aerate, or remove and replace soil to depth required; re-compact and retest until specified compaction is obtained.

2.4 PROTECTION

A. Protecting Graded Areas: Protect newly graded areas from traffic, freezing, and erosion. Keep free of trash and debris.

B. Repair and reestablish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled, or where they lose compaction due to subsequent construction operations or weather conditions.

C. Where settling occurs before Project correction period elapses, remove finished surfacing, backfill with additional soil material, compact, and reconstruct surfacing.

1. Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to greatest extent possible.

2.5 DISPOSAL OF SURPLUS AND WASTE MATERIALS

A. Disposal: Remove surplus satisfactory soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off Owner's property.

END OF SECTION 02300

Geotechnical Engineering Report
Kitchen Addition – Buckeye Community Center
201 East Centre Avenue
Buckeye, Arizona
RAMM Project No. G26095



For:
Michael Wilson Kelly – Architects, Ltd.
331 North First Avenue
Phoenix, Arizona 85003

◆◆◆

By:
Ricker • Atkinson • McBee • Morman & Associates, Inc.
2105 South Hardy Drive, Suite 13
Tempe, Arizona 85282

RICKER • ATKINSON • McBEE • MORMAN & ASSOCIATES, INC.
Geotechnical Engineering • Construction Materials Testing

R·A·M·M

Michael Wilson Kelly – Architects, Ltd.
331 North First Avenue
Phoenix, Arizona 85003

November 26, 2019

Attention: Michael Wilson Kelly, Principal Architect, LEED AP

Subject: Geotechnical Engineering Report
Kitchen Addition – Buckeye Community Center
201 East Centre Avenue
Buckeye, Arizona

RAMM Project No. G26095

Attached to this letter is the Geotechnical Engineering Report for the proposed Kitchen Addition – Buckeye Community Center in Buckeye, Arizona.

The proposed development will consist of an approximately 1,800-square foot, single story addition to the southeast side of an existing building. The results of our field explorations; laboratory testing; and engineering analysis, evaluation and recommendations are presented in this report.

The following is a brief summary of selected recommendations.

A. Foundations:

- Support on undisturbed site soils and/or compacted fill.
- Found at least 2.0 feet or 2.5 feet below finished grade.
- Design for allowable bearing pressure of 2000 psf or 2500 psf, respectively.
- Foundation elements must extend through any existing fill and/or disturbed soils.

B. Site Soils:

- Use as fill and backfill in all areas of the site.

The attached report was prepared based on project and site data available at this time and was prepared in a manner and to the standards of the local geotechnical engineering practice. Our services did not include evaluations for the presence of hazardous materials; for concrete durability and corrosion potential with respect to on-site soils and site use water sources; for area subsidence resulting from groundwater withdrawal; or for other geologic hazards.

If you have any questions, please do not hesitate to call.

Respectfully submitted,

RICKER • ATKINSON • McBEE • MORMAN & ASSOCIATES, INC.





By: Kip E Reese, P.E.

Reviewed By: Kenneth L. Ricker, P.E.

/kes
Copies to: Addressee (mike@mwkarch.com)

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Registered Professional Engineer (Civil) CERTIFICATE NO. 49948 KIP E. REESE Date Signed 11/26/19 ARIZONA U.S.A.

REPORT

INTRODUCTION

This report presents the results of our geotechnical engineering services for proposed Kitchen Addition – Buckeye Community Center in Buckeye, Arizona. The scope of our services included performing a field exploration program, laboratory analysis and geotechnical engineering evaluation, analysis and recommendations. The geotechnical recommendations presented herein consist of foundation design, site development, material suitability and requirements, and site preparation and grading procedures. We would be pleased to discuss with you any additional recommendations you may require. In addition, we are available to review project specifications and plans for conformance with our recommendations at no charge to you.

This firm should be notified for additional evaluation and recommendations should the building design parameters (location, type, sizes, structural loads), site use or conditions encountered during construction differ from those presented herein.

PROPOSED CONSTRUCTION

The proposed development will consist of an approximately 1,800-square-foot, single story addition of masonry and/or frame construction to the southeast side of an existing building. It is anticipated that maximum structural loads for the building addition will be on the order of 2 to 4 kips per linear foot for bearing walls and 10 to 40 kips for columns. The concrete slab-on-grade floor will be founded at existing floor grade in the adjacent existing building.

SITE CONDITIONS

The site of the proposed Kitchen Addition – Buckeye Community Center will be located at 201 East Centre Street in Buckeye, Arizona. At the time of our filed exploration the site was a relatively flat gravel surfaced area adjacent to a single story at-grade building and an attached partially below grade building. The site was devoid of vegetation.

FIELD EXPLORATIONS

Subsurface conditions at the site were explored by drilling Test Boring 1 to a depth of 30.0 feet in the addition area, at the location shown on the Site Plan in Appendix A. The test boring was drilled with a CME 75 drill rig using 7-inch diameter, hollow-stem augers. The drilling equipment and crew were provided by Wildcat Drilling, Inc. The test boring location was determined in the field by a field technician from our firm who also directed the drill crew. During the field explorations, representative undisturbed samples were obtained, the test boring logged, and soils field classified

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by our field technician. The relatively undisturbed samples (ring samples) were obtained by driving a 3-inch diameter, ring-lined, open-end sampler into the soil with a 140-pound hammer dropping 30 inches. In addition to drilling and sampling, continuous penetration testing using a 2-inch diameter rod and the 140-pound hammer dropping 30 inches was performed and extended to a depth of 7.0 feet adjacent to Test Boring 1. The results of the field explorations are presented on the Test Boring Logs in Appendix A.

LABORATORY ANALYSIS

Representative samples obtained during the field exploration were subjected to the following tests in our laboratory.

Type of Test	Type of Sample	Number of Samples Tested
Compression	Undisturbed	1
Swell	Remolded	1
Percent Passing No. 200 Sieve and Atterberg Limits	Representative	1
Moisture Content/Dry Density *	Undisturbed	4
Moisture Content *	Representative	1

* Reported in the Test Boring Logs

The results of the laboratory tests are presented in Appendix B.

SUBSURFACE CONDITIONS

The results of the test boring are presented in Appendix A in the Test Boring Logs. In general, the near surface soils encountered at Test Boring 1 and extending to a depth of 30.0 feet, consisted of sandy clay to clayey sand with trace amounts of gravel. These soils were firm to stiff and loose to medium dense, were stiff to very stiff and medium dense to dense below a depth of four feet. Soil moisture contents were described as damp to moist through the depths explored. No groundwater was observed in the test boring during the drilling operations.

DISCUSSION OF TEST RESULTS

A remolded sample of the surface soils from the site exhibited a low swell potential following wetting when tested in the laboratory. An undisturbed sample from anticipated foundation grades underwent slight compression during loading to approximate foundation loads. Upon wetting at approximate foundation loads these soils underwent some additional compression.

FOUNDATION DESIGN RECOMMENDATIONS

Spread Footings:

The proposed addition can be supported on shallow spread footings. The footings should be founded on undisturbed site soil and/or compacted fill. Footings thus founded may be designed using an allowable bearing pressure of 2000 psf or 2500 psf, provided the bottom of the footings are at least 2.0 feet or 2.5 feet, respectively, below finished grade. Finished grade is defined as the lowest adjacent finished grade within 5 feet of the perimeter of the foundation. New footings should be at the same depth as existing footings within two footing widths from the existing building. The new footings can then be stepped up or down to the recommended embedment depth. Temporary excavations adjacent to existing footings should not expose more than 8 feet of the existing footings at any one location. Foundation elements must extend through any fill and/or disturbed soils. Structural loads should not exceed 6 kips per linear foot for walls and 80 kips for columns. All footing excavations should be reviewed by a representative of the geotechnical engineer prior to placing reinforcing steel or concrete. Any fill, loose, disturbed or unstable soils should be removed from the bearing surface or the footing bottom extended through the fill zone.

The allowable bearing capacity should be applied to maximum, design dead plus live loads and may be increased by one-third when considering temporary loads such as transient wind or seismic loads. A one-third increase may also be used for toe pressures due to eccentric or lateral loadings, assuming the entire footing bearing surface remains in compression. The weight of the footing concrete below grade may be neglected in dead load computations. The recommended minimum footing widths are 2.0 and 1.33 feet for isolated columns and continuous wall footings, respectively. A Site Class designation of D should be used for the site per the 2012, 2015 and 2018 International Building Code (IBC). The soil profile and site class designations are based on site conditions and a review of available well holes within a one-mile radius of the site. This data was available on ADWR's website and indicated that stiff material exists to depths over 100 feet in the immediate vicinity of the site.

The estimated total and differential footing settlements for the loading conditions described above are less than ½ inch if soils below footing level remain at or below the construction moisture content. Additional post-construction, differential movements of equal magnitude could occur if bearing soils become wet after construction. Therefore, continuous footings and stem walls should be reinforced, and masonry walls constructed with properly designed reinforcement and with

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frequent expansion/contraction joints. Positive drainage away from the perimeter of the building is essential to minimize the potential for moisture infiltration into bearing soils.

Lateral Earth Pressures:

The following tabulation presents the recommended lateral earth pressures and base friction values which should be used in the lateral design of footings and retaining walls. The lateral pressures are equivalent fluid pressures for average anticipated conditions.

Backfill Pressures:
- Unrestrained walls ---------- 40 psf/ft
- Restrained walls ---------- 60 psf/ft

Passive Pressures:
- Continuous ---------- 250 psf/ft
- Isolated column footings ---------- 350 psf/ft

Coefficient of Base Friction:
- Concrete to soil ---------- 0.40
- Plastic membrane to soil ---------- 0.25

The above equivalent fluid pressures are for vertical walls with horizontal backfills and do not include temporary loads imposed by compaction equipment or permanent loads resulting from backfill swell pressures, hydrostatic pressures or surcharge loads. All retaining walls should contain weep holes to reduce the potential for the buildup of hydrostatic pressures.

SITE DEVELOPMENT RECOMMENDATIONS

Concrete Slab-On-Grade Support:

The near surface soils have medium plasticity, and when compacted and wetted, these soils exhibit a low swell potential. These soils may be used as fill in all areas of the site. Interior slabs should be founded on a minimum 4-inch thickness of base material. All unreinforced slabs-on-grade should be jointed in accordance with ACI (American Concrete Institute) or PCA (Portland Cement Association) guidelines.

Vapor retarders/barriers such as plastic membranes may be required in vapor-sensitive floor covering areas or in humidity controlled areas. Should plastic vapor retarders/barriers be used, the membrane should be at least 15 mil in thickness, have all seams and penetrations sealed per manufacturer's recommendations and should be placed in accordance with ACI 302.2R.

Surface Drainage:

Most soils will undergo some degree of volume change as the result of wetting. The degree of volume change will depend on the type of soil, swell potential, natural soils structure or degree of compaction (if a fill). These volume changes could result in movements in overlying buildings and non-structure elements including sidewalks, planters, retaining walls, floor slabs, etc. Therefore, good site and surface drainage away from these elements is required. In addition, water should not be allowed to pond within 10 feet of the buildings or other elements which are sensitive to movements. The exterior footing excavation backfill must be well compacted to minimize the possibility of moisture infiltration through this zone. All joints in the concrete floor slabs and at walls of the buildings must be sealed with flexible waterproof joint sealer.

Excavatability:

The excavatability of site materials is difficult to evaluate based only on the exploration equipment used during this project report. Therefore, we recommend that the contractor evaluate the excavatability of site materials by performing test excavations with the size and type of equipment the contractor plans on using at the site. For design purposes, the following paragraph presents our best analysis as to the excavatability of site soils.

The near surface and underlying soils to depths of at least 15 feet can probably be removed with conventional excavating equipment. OSHA requires all excavations over five feet in depth, in which personnel are to enter, be either braced or sloped in accordance with OSHA regulations.

Workability:

Wetting site soils such that moisture contents are at or above optimum could result in moderate to extensive soil pumping under dynamic loadings such as heavy construction equipment driving over the area. In building areas, some pumping is not detrimental to foundation or floor slabs provided the specified percent compaction is achieved. However, in building areas where severe pumping has damaged subgrade conditions, the area should be allowed to dry until soils are workable without pumping or the wetted areas removed and replaced with drier site soils.

MATERIALS SUITABILITY AND REQUIREMENTS

Site Soils:

The near surface soils exhibit medium plasticity and a low swell potential when compacted and wetted. These soils may be used as fill in all areas of the site. All materials should be free of organics, debris and material greater than 6 inches in size.

Imported Soils:

Imported soils required to raise the building above footing level or in exterior slab areas, or for use as retaining wall backfills, should meet the following requirements:

Minimum Percent Passing No. 4 Sieve ---------- 40%
Maximum Particle Size ----------4 inches
Maximum Swell Potential ----------1.5%*

* Based on a sample which is remolded to 95% of the ASTM D698 maximum dry density at a moisture content of 2 percent below optimum, placed under a surcharge load of 100 psf and wetted.

Imported soils should have a low corrosion potential as determined by a corrosion expert and/or material supplier and should meet ACI 318 negligible sulfate exposure durability requirements for concrete.

Base Material:

Base material used below concrete slabs should conform to the requirements of Maricopa Association of Governments (MAG) Specifications for Aggregate Base (Section 702).

SITE PREPARATION AND GRADING PROCEDURES

Building Addition:

Recommendations presented in the previous sections of this report are based upon the following site preparation and grading procedures. Therefore, all earthwork should be accomplished with observation and testing by a qualified technician under the direction of a registered geotechnical/ materials engineer. The following apply to the areas within and extending 5 feet beyond the footprint of the building addition and in exterior slab areas.

1. Clear and grub the site by removing and disposing of all vegetation in areas to be developed, any debris or rubble, and remnants of any former developments

2. Strip the site of all existing fill zones, fill piles, backfill zones and unstable soils. During stripping observe the surface for evidence of buried debris, vegetation or disturbed materials which will require additional removal. Areas steeper than 5H to 1V should be benched and any depressions widened to accommodate compaction equipment.

3. Prepare the ground surface in at-grade areas, in fill areas and in areas cut to grade by scarifying, moisture conditioning and compacting the exposed surface soils to a depth of 10 inches.

4. Moisture condition and place all fill and backfill materials required to achieve specified grades. Fill materials should be moisture conditioned, placed and compacted in horizontal lifts of thicknesses compatible with the compaction equipment being used.

5. Compact subgrade, fill, backfill, subbase fill or base material to the following minimum percent compaction of the ASTM D698 maximum dry density for each lift.

Material	Minimum Percent Compaction
Soil:	
Below foundations sections	95
Below concrete floor slabs and exterior slabs	90
Base Material:	
Below floor slabs	95
Backfill: *	90

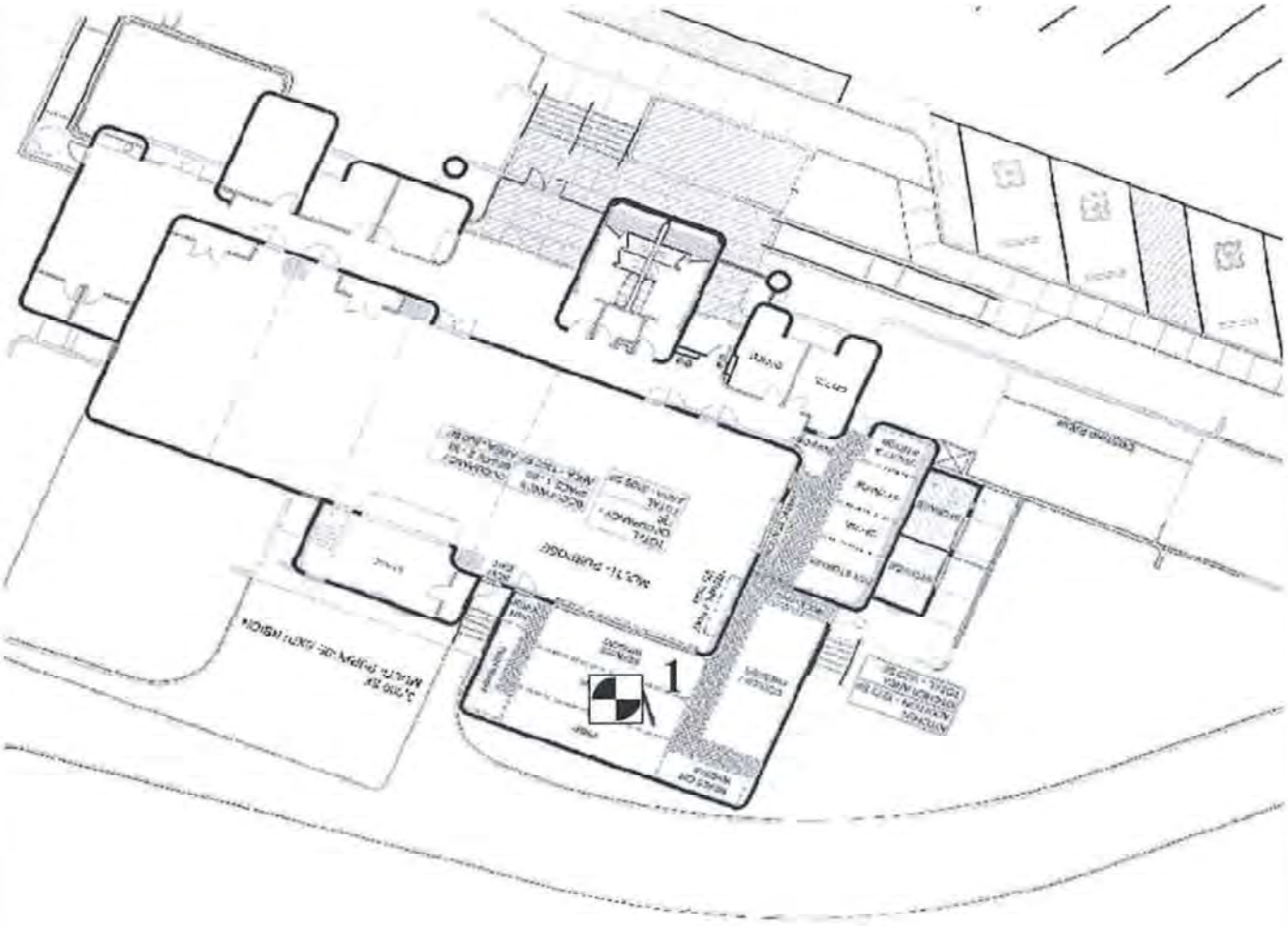
* Outside of building, exterior slab areas.

6. The moisture content of soil and base materials at the time of compaction should be:

Type	Area of Use	Moisture Content
On-site	Addition, Exterior Slabs	Optimum plus or minus 3%
Imported	Addition, Exterior Slabs	Optimum plus or minus 3%
Base Material	Addition	Optimum plus or minus 3%

7. Any soils which are disturbed or overexcavated by the contractor outside the limits of the plans or specifications should be replaced with materials compacted as specified above. The above compaction requirements will also apply to any disturbance occurring within the construction limits, including but not limited to backfilling of trenches inside and outside of the building pad.

APPENDIX A
FIELD EXPLORATIONS



Ref: Site Plan titled Buckeye Community Center,
prepared by Michael Wilson Kelly - Architects, Ltd, dated 09SEP2019.

Note: Site Address - 201 East Centre Avenue, Buckeye, Arizona

N

Test Boring Location

Not To Scale

SITE PLAN

TEST BORING LOG

Project: Kitchen Addition – Buckeye Community Center, Buckeye, AZ Test Boring: 1

Elevation: Not Determined Datum: --- Date: 10-29-19

Depth, feet	Blows/Foot C	Blows/Foot N/R	Sample Type	Dry Density, pcf	Water Content, %	Unified Classification	Description
	12					CL-SC	Sandy Clay to Clayey Sand, Trace Gravel; brown, damp to moist, firm to stiff, loose to medium dense, stiff to very stiff, medium dense to dense below 4.0 feet, medium plasticity.
	4	9	R	103	12		
	4						
	14						
5	26						
	29	27	R	109	13		
	25						
10		46	R	114	13		
15		50/9"	R	118	8		
20							
25			A*		25		

This boring log represents the conditions encountered on the date of drilling at this particular location. No other warranty is expressed or implied to the actual conditions which may exist within the vicinity of this boring location.

TEST BORING LOG

Project: Kitchen Addition – Buckeye Community Center, Buckeye, AZ **Test Boring:** 1cont.

Elevation: Not Determined Datum: --- **Date:** 10-29-19

Depth, feet	Blows/Foot C	Blows/Foot N/R	Sample Type	Dry Density, pcf	Water Content, %	Unified Classification	Description
						CL-SC	Sandy Clay to Clayey Sand; continued
30							Stopped drilling at 30.0 feet. No groundwater observed. * Auger cutting sample.
35							
40							
45							
50							

This boring log represents the conditions encountered on the date of drilling at this particular location. No other warranty is expressed or implied to the actual conditions which may exist within the vicinity of this boring location.

APPENDIX B
LABORATORY ANALYSIS

LABORATORY TEST RESULTS

Date: 11-Nov-19

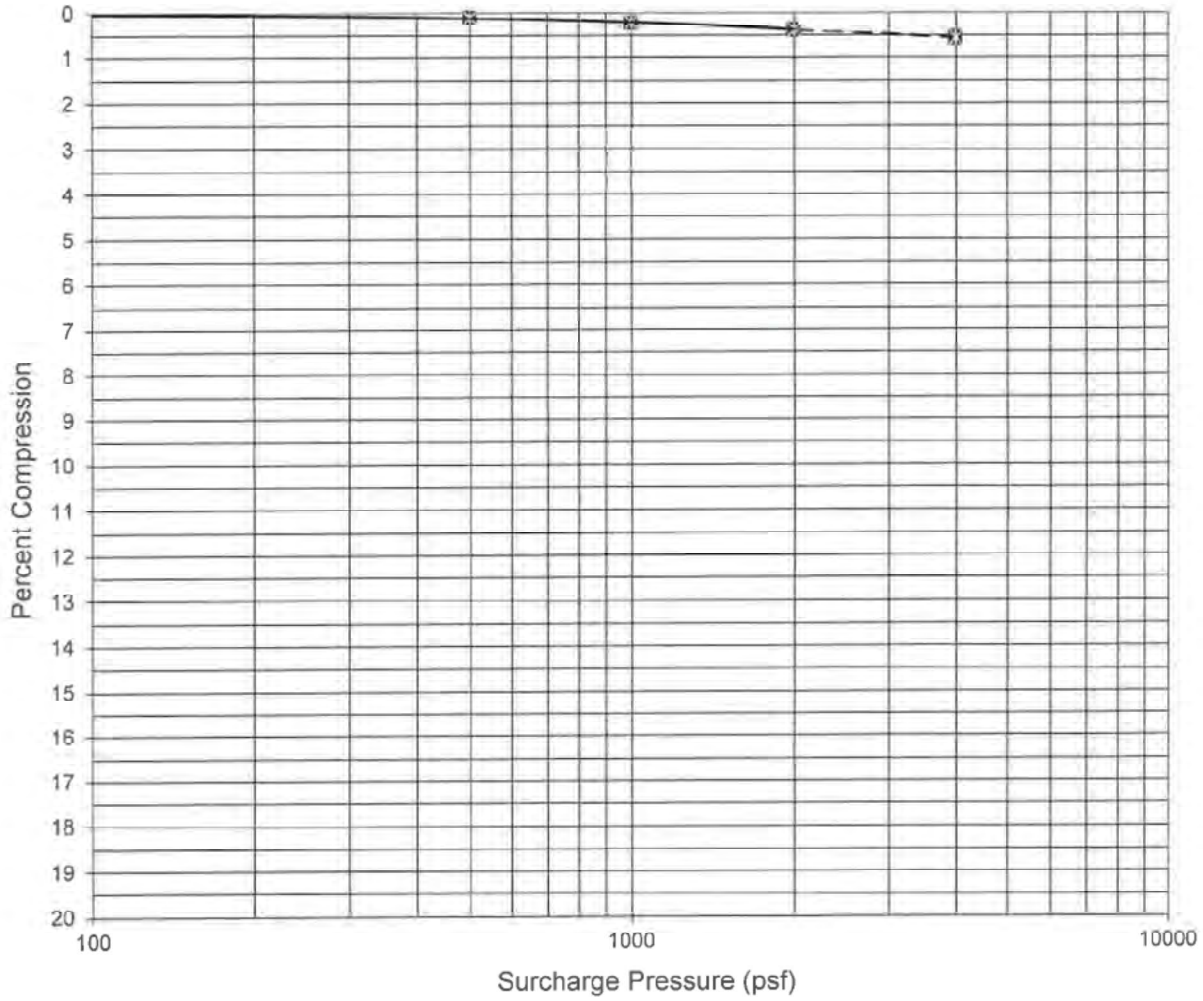
SAMPLE SOURCE: 1 @ 1.5'-2.5'

TESTING PERFORMED: Compression (ASTM D2435) - Driven Ring Sample

SAMPLED BY: RAMM/Durot

RESULTS:

Dry Density (pcf): 103 Moisture Content (%): 12



REMARKS: Sample submerged at 2000 psf.

LABORATORY TEST RESULTS

Date: 11-Nov-19

SAMPLE SOURCE: As noted below

TESTING PERFORMED: Percent Passing No. 200 Sieve, Atterberg Limits, Percent Expansion (ASTM D1140, D4318, D4546)

SAMPLED BY: RAMM/Durot

RESULTS:

Sample Source	Percent Retained No. 4 Sieve	Percent Passing No. 200 Sieve	Liquid Limit	Plasticity Index	Percent Expansion*	Remolded Dry Density (pcf)	Remolded Moisture Content (%)
1 @ 0'-3'	1	55	36	20	1.5	114	13

* Based upon sample remolded to 95% of the estimated maximum dry density at 2% below the estimated optimum moisture content, with a surcharge pressure of 100 psf.

SECTION 02361 - **TERMITE CONTROL**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Soil treatment with termiticide under new concrete slabs and foundations and all other locations where concrete removal is required for new work.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated. Include the EPA-Registered Label for termiticide products.

B. Product certificates.

C. Soil Treatment Application Report: Include the following:

1. Date and time of application.
2. Moisture content of soil before application.
3. Termiticide brand name and manufacturer.
4. Quantity of undiluted termiticide used.
5. Dilutions, methods, volumes used, and rates of application.
6. Areas of application.
7. Water source for application.

D. Warranties: Sample of special warranties.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: A specialist who is licensed according to regulations of authorities having jurisdiction to apply termite control treatment and products in jurisdiction where Project is located and who employs workers trained and approved by manufacturer to install manufacturer's products.

B. Regulatory Requirements: Formulate and apply termiticides and termiticide devices according to the EPA-Registered Label.

1.4 PROJECT CONDITIONS

A. Environmental Limitations: To ensure penetration, do not treat soil that is water saturated or frozen. Do not treat soil while precipitation is occurring. Comply with

requirements of the EPA-Registered Label and requirements of authorities having jurisdiction.

B. Coordinate soil treatment application with excavating, filling, grading, and concreting operations. Treat soil under footings, grade beams, and ground-supported slabs before construction.

1.5 WARRANTY

A. Soil Treatment Special Warranty: Manufacturer's standard form, signed by Applicator and Contractor, certifying that termite control work, consisting of applied soil termiticide treatment, will prevent infestation of subterranean termites. If subterranean termite activity or damage is discovered during warranty period, re-treat soil and repair or replace damage caused by termite infestation.

1. Warranty Period: Ten years from date of Substantial Completion.

1.6 MAINTENANCE SERVICE

A. Continuing Service: Beginning at Substantial Completion, provide 12 months' continuing service including monitoring, inspection, and re-treatment for occurrences of termite activity. Provide a standard continuing service agreement. State services, obligations, conditions, terms for agreement period, and terms for future renewal options.

PART 2 - PRODUCTS

2.1 SOIL TREATMENT

A. Termiticide: Provide an EPA-Registered termiticide, complying with requirements of authorities having jurisdiction, in an aqueous solution formulated to prevent termite infestation. Provide quantity required for application at the label volume and rate for the maximum termiticide concentration allowed for each specific use, according to product's EPA-Registered Label.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work shall be the following:

a. BASF Corporation, Agricultural Products; **Termidor SL**.

2. Service Life of Treatment: Soil treatment termiticide that is effective for not less than ten years against infestation of subterranean termites.

PART 3 - EXECUTION

3.1 APPLICATION, GENERAL

A. General: Comply with the most stringent requirements of authorities having jurisdiction and with manufacturer's EPA-Registered Label for products.

3.2 APPLYING SOIL TREATMENT

A. Examine substrates, areas, and conditions, with Applicator present, for compliance with requirements for moisture content of soil per termiticide label requirements, interfaces with earthwork, slab and foundation work, landscaping, utility installation, and other conditions affecting performance of termite control.

B. Proceed with application only after unsatisfactory conditions have been corrected.

C. Soil Treatment Preparation: Remove foreign matter and impermeable soil materials that could decrease treatment effectiveness on areas to be treated. Loosen, rake, and level soil to be treated except previously compacted areas under slabs and footings. Termiticides may be applied before placing compacted fill under slabs if recommended in writing by termiticide manufacturer.

1. Fit filling hose connected to water source at the site with a backflow preventer, complying with requirements of authorities having jurisdiction.

D. Application: Mix soil treatment termiticide solution to a uniform consistency. Provide quantity required for application at the label volume and rate for the maximum specified concentration of termiticide, according to manufacturer's EPA-Registered Label, to the following so that a continuous horizontal and vertical termiticidal barrier or treated zone is established around and under building construction. Distribute treatment evenly.

1. Slabs-on-Grade: Under ground-supported slab construction, including footings, building slabs, and attached slabs as an overall treatment. Treat soil materials before concrete footings and slabs are placed.
2. Foundations: Adjacent soil, including soil along the entire inside perimeter of foundation walls; along both sides of interior partition walls; around plumbing pipes and electric conduit penetrating the slab; around interior column footers, piers, and chimney bases; and along the entire outside perimeter, from grade to bottom of footing. Avoid soil washout around footings.
3. Penetrations: At expansion joints, control joints, and areas where slabs will be penetrated.

E. Avoid disturbance of treated soil after application. Keep off treated areas until completely dry.

F. Protect termiticide solution, dispersed in treated soils and fills, from being diluted until ground-supported slabs are installed. Use waterproof barrier according to EPA-Registered Label instructions.

G. Post warning signs in areas of application.

H. Reapply soil treatment solution to areas disturbed by subsequent excavation, grading, landscaping, or other construction activities following application.

END OF SECTION 02361

SECTION 02741 - **HOT-MIX ASPHALT PAVING**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes hot-mix asphalt paving, patching, and paving overlay.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated. Include technical data and tested physical and performance properties.

B. Job-Mix Designs: Certification, by authorities having jurisdiction, of approval of each job mix proposed for the Work.

C. Material certificates.

1.3 QUALITY ASSURANCE

A. Manufacturer Qualifications: Manufacturer shall be registered with and approved by authorities having jurisdiction or the DOT of the State in which Project is located.

B. Regulatory Requirements: Comply with **MAG standards** asphalt paving work.

C. Asphalt-Paving Publication: Comply with AI MS-22, "Construction of Hot Mix Asphalt Pavements," unless more stringent requirements are indicated.

1.4 PROJECT CONDITIONS

A. Environmental Limitations: Do not apply asphalt materials if subgrade is wet or excessively damp or if the following conditions are not met:

1. Tack Coat: Minimum surface temperature of 60 deg F and conforming to MAG Section 321.
2. Asphalt Base Course: Minimum surface temperature of 40 deg F and rising at time of placement.
3. Asphalt Surface Course: Minimum surface temperature of 60 deg F at time of placement.

B. Pavement-Marking Paint: Proceed with pavement marking only on clean, dry surfaces and at a minimum ambient or surface temperature of 40 deg F for oil-based materials, 50 deg F for water-based materials, and not exceeding 95 deg F.

PART 2 - PRODUCTS

2.1 AGGREGATES

A. Coarse Aggregate: ASTM D 692, sound; angular crushed stone, crushed gravel, or properly cured, crushed blast-furnace slag conforming to MAG Sections 310 & 702.

B. Fine Aggregate: ASTM D 1073, sharp-edged natural sand or sand prepared from stone, gravel, properly cured blast-furnace slag, or combinations thereof.

2.2 ASPHALT MATERIALS

A. Asphalt Binder: ASTM D2026, Grade MC-70 or MC-250 liquid asphalt, meeting requirements of Section 712 of MAG Specifications.

B. Tack Coat: Mixing type emulsion SS-I-H, as specified in MAG Section 713, diluted in proportion to approximately 50 percent water and 50% emulsion. See MAG 321.

C. Asphaltic Concrete Paving:

1. Refer to MAG 710.

2. Asphalt concrete shall be Type c-3/4 single course mix. Percentage asphalt range: 5.0-6.0

3. When test procedures determine aggregate is subject to stripping, add dry hydrated lime conforming the the requirements of ASTM C207, Type, N; Portland cement conforming to Section 725 of MAG Specifications; or other approved anti-strip agent.

D. Composition and Grading: Comply with MAG Section 710.3. Aggregates and mix to be incorporated into Work shall show loss in I. A. Rattler ASTM C131 after 500 revolutions of 40% max.

E. Surface Seal Coat:

1. Emulsified Asphalt: Provide emulsified asphalt Grade SS-1h as specified in MAG Section 713, diluted with a minimum one part water to one part of emulsified asphalt.

2. Sand Blotter: In accordance with the following sieve analysis:

a. 3/8 inch: 100%

b. No.4: 905-100%

c. No.200: 0-12%

2.3 AUXILIARY MATERIALS

A. Herbicide: Commercial chemical for weed control, registered by the EPA. Provide in granular, liquid, or wetable powder form.

B. Pavement-Marking Paint:

1. Colors: White, Yellow, Blue, and As indicated.

2. Manufacturers:

a. Traffic Surface Paint: Provide one of the following or as approved.

1). Dunn-Edwards: Vin-L-Stripe W8D1 Series acrylic latex.

2). Sherwin-Williams: Acrylic Waterborne Traffic Marking Paint.

3). ICI Dulux: 22683 (white), 22685 (yellow), 26564 (red), or 20090 (handicap blue). ICI Performance Coatings waterborne traffic paint.

4). Frazee: 502 Traffic Line Paint- Acrylic.

5). Pervo: 3080 (white), 3082 (yellow), 3083 (green) or 3084 (black) Waterborne Traffic Coating and 3033 Daek handicap Blue Traffic Line Paint-Waterborne.

C. Wheel Stops: Precast, air-entrained concrete, 2500-psi minimum compressive strength, 4-1/2 inches high by 9 inches wide by 72 inches long. Provide chamfered corners and drainage slots on underside and holes for anchoring to substrate.

1. Dowels: Galvanized steel, 3/4-inch diameter, 10-inch minimum length.

2.4 MIXES

A. Hot-Mix Asphalt: Dense, hot-laid, hot-mix asphalt plant mixes per **MAG Section 710.**

1. Provide mixes with a history of satisfactory performance in geographical area where Project is located.
2. Base Course: Per Soils Report Recommendations.
3. Surface Course: Per Soils Report Recommendations.

PART 3 - EXECUTION

3.1 PATCHING

A. Hot-Mix Asphalt Pavement: Saw cut perimeter of patch and excavate existing pavement section to sound base. Excavate rectangular or trapezoidal patches, extending 12 inches (300 mm) into adjacent sound pavement, unless otherwise

indicated. Cut excavation faces vertically. Remove excavated material. Recompact existing unbound-aggregate base course to form new subgrade.

B. Tack Coat: Apply uniformly to vertical surfaces abutting or projecting into new, hot-mix asphalt paving at a rate of 0.05 to 0.15 gal./sq. yd.

C. Patching: Fill excavated pavements with hot-mix asphalt base mix and, while still hot, compact flush with adjacent surface.

3.2 SURFACE PREPARATION

A. Backfill curbs prior to paving.

B. Base Preparation: Comply with MAG Section 321.5.1.

3.3 HOT-MIX ASPHALT PLACING

A. Asphalt Prime Coat:

1. Comply with requirements of MAG Section 315.

2. Apply to aggregate base course, concrete surfaces joined by asphaltic paving such as concrete curbs and existing paving at cut edges.

3. Apply at a rate of 0.35 gallons minimum and 0.4 gallons maximum per square yard.

4. Prime coat to penetrate into aggregate base and be free of puddles before paving operations begin.

B. Tack Coat:

1. Apply tack coat to vertical surfaces of existing paving, curbs, gutters and construction joints, against which additional material is to be placed, to a new or old pavement to be overlaid, and to other surfaces as designated by Architect.

2. Tack coat to be slow setting type emulsion as specified. If emulsion is applied undiluted, apply at a rate of 0.02 to0.10 gallons per square yard; if emulsion is applied diluted 1:1 with water, apply at a rate of 0.05 to0.10 gallons per square yard.

3. Clean surfaces of loose and foreign material prior to application of tack coats.

C. Asphaltic Concrete:

1. Construct asphalt pavement in accordance with applicable requirements of MAG Section 321.

2. **Place asphaltic concrete in 3 inch thickness over 8 inch compacted fill.**

3. If pavement is constructed in lifts using asphalt concrete base in the first lifts, base to be thoroughly cleaned by whatever means necessary prior to application of tack coat and placement of surface layer.

D. Compaction: Comply with requirements of MAG Section 321.5.4

1. Compact asphalt concrete surfacing to a density of 95% of 75 blows (ASTM D1559).

2. Measure asphalt density by means of a nuclear density gauge, or core testing. Nuclear gauge method is preferred.

E Upon completion, pavement surface to be smooth dense and of uniform texture and appearance.

1. All areas to properly drain and be free of standing water. Compacted thickness to be not less than ¼ inch to that shown on Drawings.

2. Finished surface not to vary more than ¼ inch in 25 foot distance as determined by a straight-edge placed ion any position on finish surface, except across flow lines.

F. Corrective Requirements for Deficiencies: Comply with MAG Section 321.6.

G. Paving Termination:

1. Provide thickened edge at paving terminations that do not have wood header forms of concrete curbs.

2. Pavement termination to be minimum 12 inches wide X 8 inches deep or as shown on Drawings.

H Surface Seal Coat: Comply with MAG Section 334.

1. Preparation of Surfaces:

a. Immediately before applying emulsion, clean area to be surfaces of dirt and loose material by means of power brooms, supplemented by hand brooms if necessary, except when the fog seal is applied within 24 hours from the time the bituminous paving is completed.

b. Do not apply seal coat until an inspection of surfaces has been made by the City Construction Manager and/or Quality Control Manager and it is deemed that surfaces are suitable for application of emulsion.

2. Application of Asphalt Emulsions:

a. Mix diluted material well before applying.

b. Apply by distributor truck equipped with fog nozzles at approximate rate of 0.10 gallon per square yard.

c. Distributor truck shall comply with MAG Section 712.

3. Sand Blotter:

a. After asphalt emulsion has cured to such an extent that emulsion will not be picked up by traffic, apply sand blotter as directed or required by Architect where there is an excess of asphalt.

b. After treated area has been opened to traffic, immediately cover excess asphalt emulsion which comes to surface with additional sand.

3.4 PAVEMENT MARKING

A. Do not apply pavement-marking paint until layout, colors, and placement have been verified with Architect.

B. Allow paving to age for 30 days before starting pavement marking.

C. Sweep and clean surface to eliminate loose material and dust.

D. Apply paint with mechanical equipment to produce pavement markings, of dimensions indicated, with uniform, straight edges. Apply at manufacturer's recommended rates to provide a minimum wet film thickness of 15 mils.

1. Broadcast glass spheres uniformly into wet pavement markings at a rate of 6 lb/gal.

3.5 WHEEL STOPS

A. Securely attach wheel stops into pavement with not less than two galvanized steel dowels embedded at one-quarter to one-third points. Securely install dowels into pavement and bond to wheel stop. Recess head of dowel beneath top of wheel stop.

3.6 FIELD QUALITY CONTROL

A. Smoothness Tests:
1. Finished surface to be smooth and finished to specified grade. Cut out and replace any spots deficient in thickness with fresh mixture which is properly bonded to existing pavement.
2. test conformance to crown and grade of pavement as directed by Architect. Immediately after initial rolling, correct variations by adding or removing material as required.
3. After final rolling, retest surface and correct irregularities in excess of specified tolerance by removing defective Work and replacing with new material.

4. Furnish at least one 25-foot straight-edge, true to line for its entire length.

END OF SECTION 02741

SECTION 02751 - **CONCRETE PAVEMENT & SLABS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes exterior cement concrete pavement for the following:

1. Exterior Walkways & Finished Concrete Flatwork.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Design Mixtures: For each concrete pavement mixture.

1.3 QUALITY ASSURANCE

A. Manufacturer Qualifications: Manufacturer of ready-mixed concrete products who complies with ASTM C 94/C 94M requirements for production facilities and equipment.

B. ACI Publications: Comply with ACI 301, "Specification for Structural Concrete," unless modified by requirements in the Contract Documents.

C. Comply with applicable Federal, State, and local ordinances. Where Geotechnical (Soils) Report, General Structural Notes, or notes on Drawings state more restrictive requirements, they shall govern.

PART 2 - PRODUCTS

2.1 STEEL REINFORCEMENT

A. Plain-Steel Welded Wire Reinforcement: ASTM A 185, fabricated from as-drawn steel wire into flat sheets.

B. Deformed-Steel Welded Wire Reinforcement: ASTM A 497, flat sheet.

C. Reinforcing Bars: ASTM A 615/A 615M, Grade 60 deformed.

D. Plain Steel Wire: ASTM A 82, as drawn.

E. Deformed-Steel Wire: ASTM A 496.

F. Bar Supports: Bolsters, chairs, spacers, and other devices for spacing, supporting, and fastening reinforcing bars, welded wire reinforcement, and dowels in place. Manufacture bar supports according to CRSI's "Manual of Standard Practice."

2.2 CONCRETE MATERIALS

A. Expansion Joint Filler: MAG Section 729 or equal.

B. Epoxy Resin: Sta-Crete Epoxy Resin no. 15-J or 20.

C. Curing Compound: ASTM C309, Type 1, Class B: Acrylic type.

2.3 CONCRETE MIXING

A. Ready-Mixed Concrete: Measure, batch, and mix concrete materials and concrete according to ASTM C 94/C 94M and/or ASTM C 1116. Furnish batch certificates for each batch discharged and used in the Work.

2.4 SUB-BASE

A. Engineered Fill: Provide 4 inches of Engineered Fill under all concrete flatwork.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Proof-roll prepared sub-base surface below concrete pavements with heavy pneumatic-tired equipment to identify soft pockets and areas of excess yielding.

3.2 EDGE FORMS AND SCREED CONSTRUCTION

A. Set, brace, and secure edge forms, bulkheads, and intermediate screed guides for pavement to required lines, grades, and elevations. Install forms to allow continuous progress of work and so forms can remain in place at least 24 hours after concrete placement.

B. Clean forms after each use and coat with form-release agent to ensure separation from concrete without damage.

3.3 STEEL REINFORCEMENT

A. General: Comply with CRSI's "Manual of Standard Practice" for fabricating, placing, and supporting reinforcement.

3.4 JOINTS

A. General: Form construction, isolation, and contraction joints and tool edgings true to line with faces perpendicular to surface plane of concrete. Construct transverse joints at right angles to centerline, unless otherwise indicated.

B. Construction Joints: Set construction joints at side and end terminations of pavement and at locations where pavement operations are stopped for more than one-half hour unless pavement terminates at isolation joints.

C. Isolation Joints: Form isolation joints of preformed joint-filler strips abutting concrete curbs, catch basins, manholes, inlets, structures, walks, other fixed objects, and where indicated.

D. Contraction Joints: Form weakened-plane contraction joints, sectioning concrete into areas as indicated. Construct contraction joints for a depth equal to at least one-fourth of the concrete thickness to match jointing of existing adjacent concrete pavement.

E. Edging: Tool edges of pavement, gutters, curbs, and joints in concrete after initial floating with an edging tool to a 3/8-inch radius. Repeat tooling of edges after applying surface finishes. Eliminate tool marks on concrete surfaces.

3.5 CONCRETE PLACEMENT

A. Moisten sub-base to provide a uniform dampened condition at time concrete is placed.

B. Comply with ACI 301 requirements for measuring, mixing, transporting, and placing concrete.

C. Deposit and spread concrete in a continuous operation between transverse joints. Do not push or drag concrete into place or use vibrators to move concrete into place.

D. Screed pavement surfaces with a straightedge and strike off.

E. Commence initial floating using bull floats or darbies to impart an open textured and uniform surface plane before excess moisture or bleed water appears on the surface. Do not further disturb concrete surfaces before beginning finishing operations or spreading surface treatments.

3.6 FLOAT FINISHING

A. General: Do not add water to concrete surfaces during finishing operations. Initial floating operation is included in "Concrete Placement" Article.

B. Exterior Walkway Float Finish: Begin the second floating operation when bleed-water sheen has disappeared, and concrete surface has stiffened sufficiently to permit operations. Float surface with power-driven floats, or by hand floating if area is small or inaccessible to power units. Finish surfaces to true planes. Cut down high spots and fill low spots. Re-float surface immediately to uniform granular texture.
   1. Finish: Medium-to-Coarse-Textured Broom Finish: Provide a coarse finish by striating float-finished concrete surface 1/16 to 1/8 inch deep with a stiff-bristled broom, perpendicular to line of traffic.

3.7 CONCRETE PROTECTION AND CURING

A. General: Protect freshly placed concrete from premature drying and excessive cold or hot temperatures.

B. Comply with ACI 306.1 for cold-weather protection.

C. Evaporation Retarder: Apply evaporation retarder to concrete surfaces if hot, dry, or windy conditions cause moisture loss approaching 0.2 lb/sq. ft. x h before and during finishing operations. Apply according to manufacturer's written instructions after placing, screeding, and bull floating or darbying concrete, but before float finishing.

D. Begin curing after finishing concrete but not before free water has disappeared from concrete surface.

E. Curing Methods: Cure concrete by moisture curing.

3.8 PAVEMENT TOLERANCES

A. Comply with tolerances of ACI 117 and as follows:

   1. Elevation: 1/4 inch.
   2. Thickness: Plus 3/8 inch, minus 1/4 inch.
   3. Surface: Gap below 10-foot long, unleveled straightedge not to exceed 1/4 inch
   4. Joint Spacing: 3 inches
   5. Contraction Joint Depth: Plus 1/4 inch, no minus.
   6. Joint Width: Plus 1/8 inch, no minus.

3.9 REPAIRS AND PROTECTION

A. Remove and replace concrete pavement that is broken, damaged, or defective or that does not comply with requirements in this Section.

B. Protect concrete from damage. Exclude traffic from pavement for at least 14 days after placement.

C. Maintain concrete pavement free of stains, discoloration, dirt, and other foreign material. Sweep concrete pavement not more than two days before date scheduled for Substantial Completion inspections.

END OF SECTION 02751

SECTION 02764 - **PAVEMENT JOINT SEALANTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Expansion and contraction joints within cement concrete pavement and adjacent to new foundations and where new concrete expansion joints are noted on the Drawings.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

A. Compatibility: Provide joint sealants, backing materials, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by joint-sealant manufacturer based on testing and field experience.

B. Colors of Exposed Joint Sealants: **Gray to match concrete flatwork**.

2.2 JOINT-SEALANT BACKER MATERIALS

A. General: Provide joint-sealant backer materials that are non-staining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are approved for applications indicated by joint-sealant manufacturer based on field experience and laboratory testing.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint-sealant manufacturer's written instructions.

B. Joint Priming: Prime joint substrates where indicated or where recommended in writing by joint-sealant manufacturer, based on pre-construction joint-sealant-substrate tests or prior experience.

C. Sealant Installation Standard: Comply with recommendations in ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.

D. Install backer materials to support sealants during application and at position required to produce optimum sealant movement capability. Do not leave gaps between ends of backer materials. Do not stretch, twist, puncture, or tear backer materials. Remove absorbent backer materials that have become wet before sealant application and replace them with dry materials.

E. Install sealants at the same time backings are installed to completely fill recesses provided for each joint configuration and to produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.

F. Tooling of Non-sag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.

G. Clean off excess sealants or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which joints occur.

END OF SECTION 02764

SECTION 02810 – **IRRIGATION SYSTEM**

Except as otherwise required in these specifications, construction of this project shall be in accordance with all applicable Maricopa Association of Governments (M.A.G.) Uniform Standard Specifications and any City of Buckeye Supplemental Specifications and Details, as applicable.

PART 1 - GENERAL

1.01 SCOPE OF WORK

A. The work consists of installing a complete underground irrigation system for all landscaped areas as shown on the drawings and as hereinafter specified, including the furnishing of all labor, equipment, appliances, and materials including water and in performing all operation in connection with the construction of the landscape irrigation system. Work shall include furnishing and installing all plastic and copper pipe and fittings, automatic control valves, valve access boxes, electric controllers, electric wire, as required for a complete system as shown on the drawings and as called for in these specifications or as may be required for proper operation of the system. The Contractor is responsible for all costs of water used in connection with the installation of the irrigation system. The final grade shall be completed and shall have been approved by the Town of Buckeye Representative or Landscape Architect before the contractor starts the irrigation layout.

B. Whenever any material is specified by name and/or number thereof, such specifications shall be deemed to be used for the purpose of facilitating a description of the materials and establishing quality, and shall be deemed and construed to be followed by the words "or approved equal". No substitutions will be permitted which have not been submitted for approval prior to bidding.

C. All materials shall be new and the best of their class and kind. Sufficient descriptive literature and samples must be furnished for any materials submitted for "approved equal".

D. Irrigation lines shown on the drawings are essentially diagrammatic. Actual locations of all heads, valves, piping, wiring, etc., shall be established by the Contractor at the time of construction with the approval of the City of Buckeye Representative.

E. Unless otherwise specified or indicated on the drawings, the construction of the irrigation system shall include the furnishing, installing and testing of all mains, laterals, risers, and fittings, the furnishing and installing of irrigation heads, control valves, controllers, low and high voltage electric wire, controls, sleeving, restoration of existing improvements, excavation and backfill, and all other work in accordance with the plans and specifications as required for a complete system.

1.02 SUBMITTALS

A. Prepare "as-built" drawings on Field Set Documents which show deviations from the bid documents made during construction which affect mainline pipe, controller locations, remote control valves, quick coupling valves, and emitters. Drawings shall indicate size, material, and manufacturer's name and catalog number. Drawings shall be delivered to the City of Buckeye Representative before final acceptance of work.

Provide the Owner with the following, in addition to what is shown on the drawings:
1. Manufacturer's operating and maintenance instructions.
2. Project record drawings of the system.
3. Schedule showing the length of time each valve is to be open to produce a given amount of precipitation.
4. Six extra emitters of each size and type.
5. Two valve keys for manual valves.
6. Wrench for removing and installing each type head.
7. A permanent identification of valve stations and areas irrigated on the 8½" x 11" chart to be placed on the inside door to the appropriate controller. The chart shall be plasticized and sealed for permanency. Xerox reduction of print, sealed in plastic will be acceptable.
8. Two valve keys for mainline gate valves, when mainline gate valves are required, per plans.

1.03 COORDINATION

A. Review installation procedures under other sections and coordinate the installation of items that must be installed with the irrigation system. These items may include, but are not limited to; electrical conduit and sleeves for piping under paving.

B. Contractor is not to begin this section until the landscape grading is complete; and he has called for and obtained 'Blue Stake' information.

PART 2 - MATERIALS

2.01 GENERAL

A. Unless otherwise specified or shown on the drawings, the construction of irrigation lines and installation of control wiring shall include excavation and backfill, the furnishings, installing and testing of irrigation pipe and fittings, and the removal and/or restoration of existing improvements and all other work in accordance with the Plans and Specifications.

2.02 PLASTIC PIPE LINES

A. Plastic pipe shall be rigid un-plasticized PVC - Type I, 1120-1120 extruded from virgin parent material of the type specified on the drawings. The pipe shall be homogeneous throughout and free from visible cracks, holes, foreign materials, blisters, deleterious wrinkles, and dents. Plastic pipe shall be as manufactured by CertainTeed, Johns-Mansville, Pacific Western, A.S.C., or approved equal. Contractor shall make provisions for storing all irrigation PVC pipe out of sunlight throughout the installation period of the irrigation system.

2.03 IDENTIFICATION

A. All pipe shall be continuously and permanently marked with the following information: Manufacturer's name or trademark, size, schedule, and type of pipe, working pressure at 73 degrees F. and National Sanitation Foundation approval (N.S.F.).

B. All piping shall be purple in color to identify the use of reclaimed water.

2.04 DELIVERY

A. Plastic pipe shall be delivered to the site in unbroken bundles or rolls, packaged in such a manner as to provide adequate protection for the pipe ends, either threaded or plain.

2.05 EMITTERS

A. The work under this item consists of furnishing and installing the emitter assemblies, single outlet, and multi outlet, at the locations designated and in accordance with the details shown on the project plans and the manufacturer's recommendations. Irrigation emitter layout shall be approved by the Town of Buckeye Representative or Landscape Architect prior to installation.

2.06 TURF SPRINKLERS- ROTARY

A. The sprinkler shall be of the gear-driven, rotary type. The sprinkler shall have radius adjustment capabilities by means of a stainless-steel nozzle retainer/radius adjustment screw.

B. The sprinkler shall be available in both full-circle and adjustable part-circle configurations. The adjustable part circle unit shall be minutely adjustable from 40° to 360°. The adjustable unit shall be adjustable in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation).

C. The sprinkler shall have a rubber cover firmly attached to the top of the sprinkler riser. When specified, the sprinkler shall have a cover molded of purple Alcryn rubber to indicate the use of reclaimed water. The sprinkler shall be equipped with a drain check valve to prevent low head drainage, and be capable of checking up to 10 feet (3.0 m) in elevation change. The unit shall have a 3/4-inch Female National Pipe Thread (FNPT) inlet. The sprinkler shall be serviceable after installation in the field by unscrewing the body cap, removing the riser assembly, and extracting the inlet filter screen.

D. The body and riser of the sprinkler shall be constructed of corrosion resistant, impact resistant, heavy-duty A.B.S. It shall have a stainless steel spring for positive retraction of the riser when irrigation is complete. When specified, the 4 and 6-inch models shall have the riser and nozzle-turret assembly encased in stainless steel.

2.07 TURF SPRINKLERS- SPRAY

A. The sprinkler shall be available with a 6-inch pop-up stroke, depending on the body specified, to bring the nozzle into a clean environment. The sprinkler shall have the option of either a factory-installed or field-installed drain check valve capable of checking up to 10 feet (3.0 m) in elevation change. When specified as factory-installed, the sprinkler shall have the words “CHECK VALVE” stamped in white lettering on the body cap. The sprinkler shall have available an optional, snap-on cap, molded in purple alcryn rubber, or a replacement body cap, molded in purple to indicate the use of reclaimed water.

B. The sprinkler shall have a standard pressure-regulating device as an integral part of the pop-up riser. This regulator will prevent fogging or misting of the nozzle spray pattern by maintaining a constant nozzle outlet pressure of 30 PSI with inlet pressures of up to 100 PSI, regardless of the nozzle installed.

The body of the sprinkler shall be constructed of corrosion and UV-resistant, heavy-duty A.B.S. The riser of the sprinkler shall be constructed of abrasion and UV-resistant A.B.S. and shall be adjustable for pattern alignment. The riser shall be compatible with female threaded nozzles and shall have a stainless steel spring for positive retraction when irrigation is complete.

The sprinkler shall have a pressure-activated, multi-function, UV stable wiper seal that will clean debris from the pop-up stem while it retracts. This seal shall prevent the sprinkler from sticking in the up position and be capable of sealing the sprinkler riser stem to the sprinkler cap under normal operating pressures. The seal shall be removable from the cap for easy service and shall be replaceable.

The sprinkler shall have a factory-installed, removable flush cap with a pull-up tab that shall prevent debris from entering the sprinkler during installation and allow the system to be flushed before installing the nozzle. The flush cap shall have a directional flushing action that allows the water to escape only in one direction. The flush cap shall open as the stem extends and completely close when the stem is in the retracted position.

The sprinkler shall have an exposed surface diameter after installation of 2-1/4 inches (6 cm). The sprinkler shall have a 1/2-inch Female National Pipe Thread (FNPT) bottom inlet. In addition, the 6-inch (15 cm) sprinklers shall be equipped with a standard 1/2-inch FNPT side inlet.

2.08 VALVES

A. Unless otherwise specified, the installation of all valves shall include the excavation and backfill, the furnishing, installing and testing of risers, nipples, fittings, valves, and valve boxes, and the removal and/or restoration of existing improvements and all other work in accordance with the plans and specifications and as required for the completed installation.

B. All valves shall have a purple handle to identify the use of reclaimed water.

2.09 AUTOMATIC REMOTE CONTROL VALVES, ELECTRIC SOLENOID TYPE

A. The automatic remote control valves to be installed where shown on the drawings and shall be slow acting diaphragm type electric solenoid operated valves of sizes as indicated on the drawings, or approved equal. Contractor shall install only one valve assembly per valve box.

2.10 PRESSURE REGULATOR

A. The work under this item consists of furnishing and installing the riser assembly complete, including valve box, pressure regulator, WYE-Strainer and other appurtenances as detailed on the project plans, at the locations shown and in accordance with these special provisions. Contractor shall install only one valve assembly per valve box.

2.11 ELECTRIC WIRE CONNECTIONS

A. Wire connections to remote control electric valve and splices of wire in the field, shall be made in the following manner using Pen-Tite wire connectors and sealing cement:

1. Strip ends of wires and push wires through the holes of the base socket.
2. Twist wires together and mechanically bond together using crimp sleeve and crimp pliers.
3. Pull wire connection back into base socket as far as possible.
4. Apply solvent cement to outside of sealing plug then fill cavity of sealing plug completely with solvent cement.
5. Push sealing plug into base socket, using slight twisting motion, until it bottoms.
6. Push wires unseating sealing plug. This assures cement completely sealing around wire insulation and waterproofing the connection.

B. It is important the joint be absolutely waterproof so that there is no chance for leakage of water and corrosion build-up on the joint.

C. If splices are required between the controller and any remote control valve, Contractor shall make this splice inside a valve box.

2.12 VALVE BOXES

A. Master Valve and Remote Control Valves: Carson 1324 with T style cover, purple in color to identify the use of reclaimed water.

B. Junction Box, Pull Box (Low Voltage): Carson 1419 with T style cover

C. All Valve Boxes to have all openings sealed with approved geo-textile fabric.

PART 3 - INSTALLATION

3.01 GENERAL

A. The Contractor shall lay out the system using stakes or paint to indicate the location of the various components as well as the location of each run of pipe and controller wire. Preliminary adjustments to conform to actual site conditions shall be accomplished at this time and the approval of the Owner or his authorized representative on the layout of the system shall be obtained prior to any actual work being performed.

3.02 TRENCHING

A. Unless otherwise indicated on the plans, all pressure main lines and control wiring shall have a minimum cover of 24 inches, and all lateral lines shall be installed with minimum cover of 18 inches based on finish grades in the turf and planter areas. All plastic lines installed in sleeves beneath concrete paving shall have a minimum of 24 inch cover, 30" (inches) beneath A.C., and backfill shall conform to the minimum compaction test of the paved area involved. Trench depths are from top of pipe to finished earth grade.

B. Alignment of pipe shall be for a simple layout with pipe running parallel or perpendicular to features such as curbs and sidewalks as may be possible with on-site conditions and to avoid future conflict with the plant root balls.

3.03 INSTALLATION OF PLASTIC PIPE AND FITTINGS

A. Plastic pipe shall be installed in a manner so as to provide for expansion and construction as recommended by the manufacturer. Maximum of two laterals per trench allow a minimum of 16 inches between all trenches.

B. Plastic pipe shall be cut with a cutter designed specifically for PVC pipe, in a manner so as to ensure a square cut. Burrs at cut ends shall be removed prior to installation so that smooth unobstructed flow will be obtained.

C. Solvent welded connections shall be made using primer and solvent compatible with pipe. Pipe shall be fully inserted in all sockets.

D. Threaded male adapters shall be compounded per manufacturers recommendation. Adaptor shall then be hand tightened, plus one turn with a strap wrench. 6" (inch) main line pipe or larger shall be "Ring Tite" with bolt-type fittings. Concrete thrust block all mainline fittings, behind fittings. No concrete on any inserted PCV joints.

E. Piping under paved or concrete areas shall be sleeved in schedule 40 PVC pipe as shown on the drawings. Coordinate with General Contractor for installation of irrigation sleeving prior to placing of any pavement. Where any cutting of A.C. pavement, sidewalks and/or concrete work is necessary, it shall be removed and replaced by the Landscape Contractor. Permission to cut roadway, sidewalks and/or concrete shall be obtained from the Owner.

F. All mainline pipe in rocky soils shall be thoroughly embedded 6" (inches) all around in sand or ¼" minus decomposed granite. All lateral pipe in rocky soils shall be thoroughly embedded in sand or approved topsoil.

G. All main line pipe shall be identified with 3" (inch) wide metallic marking tape for future locating of lines.

H. All pipe lines shall have a minimum clearance of six inches from each other and 12 inches from lines of other trades. Parallel lines shall not be installed directly over one another.

3.04 INSTALLATION OF EQUIPMENT

A. Solenoid valves shall be installed and wired as shown on the plans. Waterproof connectors shall be installed as per manufacturer's directions. All wiring shall be in conformance with applicable codes.

B. Pressure regulators and filters shall be installed as shown on the drawings.

3.05 FLUSHING AND TESTING OF PLASTIC PIPE

A. Main and lateral irrigation lines shall be capped and tested in place before backfilling for a period of not less than two hours, and shall show no loss of water or pressure through fittings. Pressure shall be 150 psi static pressure. Pipe sections shall be center loaded and all couplings shall be exposed. Before testing, the line shall have been filled with water for at least four hours before the test and provisions made for thoroughly bleeding the line of air. All hydrostatic tests shall be made only in the presence of the Town of Buckeye or its representative. The contractor shall provide notice of test to Town of Buckeye or its representative 48 hours prior to testing. No pipe shall be backfilled until it has been inspected, tested, and approved in writing.

B. All piping under paving shall be tested under hydrostatic pressure of 150 psi and proved water tight prior to paving.

C. All PVC lateral line pipe shall be tested at working line pressure with couplings exposed and swing joints and other outlets exposed.

D. After all new irrigation piping and risers are in place and connected, and all necessary division work has been completed, and prior to the installation of irrigation heads, control valves shall be opened and a full head of water used to flush out the system. After the system is thoroughly flushed, emitters and end caps shall be installed. There shall be a maximum of two full flushings for each valved zone.

3.06 INSTALLATION OF IRRIGATION HEADS AND RISERS

A. Heights of irrigation heads in relation to ground level shall be as shown on the plans and in the details. The City of Buckeye Representative shall verify and approve the Contractor's setting of the heads.

B. Irrigation heads and riser assemblies shall be installed as shown on the plans.

C. Irrigation heads shall not be assembled to risers until flushing is completed. Care shall be taken prior to emitter installation and pipe kept free of foreign matter after flushing and prior to emitter installation.

D. Coordination of heads with planting is a requirement. In cases where irrigation and planting is contracted to separate parties, final coordination of heads shall be the responsibility of Landscape Contractor. In the case where more than one emitter outlet is required to a single plant, irrigation contractor shall install emitters equal distance around base of plant.

3.07 EXCAVATION, BACKFILLING & COMPACTING

A. Excavation for sleeve placement shall be as required by sleeve size with sleeve placement at 18" to top of sleeve measured from the roadway surface and 12" deep under sidewalks. Sleeves shall extend 8" minimum beyond edge of roadway surface, and no damage shall result to adjacent paving, curb, gutter or sidewalk.

B. Pipe shall be bedded and covered with at least 6 inches of sand on all sides of the PVC pipe or sleeve to provide a firm, uniform bearing.

C. The trench shall be backfilled and compacted in 8" (inch) lifts and leveled to the grade of adjacent soil. Compaction shall be 95% of the maximum density of adjacent soil. Any settling of trenches shall be brought up to grade as necessary.

D. Sleeve diameter shall be 2 times the diameter of main line/lateral line combined.

E. Individual sleeves shall be provided for irrigation electrical wires, and irrigation main lines and laterals.

PART 4 - AUXILIARY EQUIPMENT

4.01 VALVE BOXES

A. All remote control valves, unless otherwise indicated shall be installed in suitable plastic or other type valve access box of proper size as required for easy access to the valve. Access boxes shall be complete with plastic or other approved type locking cover. Keys shall be provided for the non-rusting locking covers. Valve Boxes shall be Carson or approved equal. All valve boxes shall be purple in color. Label all valve boxes and vaults with durable tags or markings carrying the warning **DANGER-UNSAFE WATER** or **NON-POTABLE WATER.**

B. Controller designation shall be clearly and neatly etched into top of valve box lid. All valve access boxes shall be provided with proper length and size extensions, wherever required, to bring the valve boxes level with the finish grade.

PART 5 - CLEAN UP

5.01 CLEAN UP

A. Clean up shall be made daily as each portion of the Work progresses. Refuse and excess dirt shall be removed from the site, and walks and paving shall be broomed or washed down daily. Any damage shall be repaired to original conditions at Contractor's expense.

PART 6 - RECORD DRAWINGS AND GUARANTEES

6.01 RECORD DRAWINGS

A. During progress of the work, keep an up-to-date set of drawings showing field and shop drawing modifications. Record dimensioned locations and depths for each of the following:

1. Irrigation pressure line routing (Provide dimensions for each 100 lineal feet {maximum} along each routing, and for each change in directions).
2. Gate valves and butterfly valves.
3. Irrigation control valves
4. Control wire routing
5. Sleeves under paving
6. Other related items as may be directed by the Town of Buckeye Representative
7. Maintain as-builts on a daily basis to ensure accuracy.

B. Locate all dimensions from two permanent points (buildings, monuments, sidewalks, curbs, or pavements).

C. Record all changes which are made from the Contract Drawings, including changes in the pressure and non-pressure lines.

D. Record all required information on a set of blackline prints of the Drawings using colored pencil or pen. Do not use these prints for any other purpose.

E. Maintain information daily. Keep drawings at the site at all times and available for review by the City of Buckeye Representative.

F. When record drawings have been approved by the City of Buckeye Representative, the Landscape Architect shall transfer all information to a set of CAD Record Documents.

6.02 GUARANTEES

A. Submit for approval a written guarantee in addition to manufacturer's guarantees or warranties. All work shall be guaranteed for one (1) year from date of final acceptance against defects in material, equipment, and workmanship by the Contractor. Guarantee shall also include repairs to any part of the premises resulting from leaks or other defects in materials. Guarantee shall be signed by the Contractor and subcontractor, if applicable.

6.03 OPERATION AND MAINTENANCE DATA

A. Submit detailed operation and maintenance data for all equipment and accessories provided under this Section including assembly and part lists for each type of valve, emitter, etc., furnished to the City of Buckeye Representative.

B. The Contractor shall furnish 6 copies of a hard operation and maintenance manual prepared by the manufacturers of all items of equipment furnished under this Section. The manual shall include maintenance instructions, copies, of approved shop and installation drawings for all equipment and manufacturers' recommended lubricant and spare parts lists.

6.04 CONTROLLER CHARTS

A. Do not prepare charts until record drawings have been approved by the City of Buckeye Representative.

B. Provide one controller chart for each automatic controller installed.

1. Chart may be a reproduction of the Record Drawing, if the scale permits fitting the controller door. If photo reduction prints are required, keep reduction to maximum size possible to retain full legibility.
2. Chart shall be blackline print of the actual system, showing the area covered by that controller.

C. Identify the area of coverage of each remote control valve, using a distinctly different, legible color, drawn over the entire area of coverage.

D. Following approval of charts by the City of Buckeye Representative, they shall be hermetically sealed between two layers of 20 mil thick plastic sheet.

E. Charts must be completed and approved prior to final acceptance of the irrigation system.

END OF SECTION 02810

SECTION 02900 - **LANDSCAPING**

Except as otherwise required in these specifications, construction of this project shall be in accordance with all applicable Maricopa Association of Governments (M.A.G.) Uniform Standard Specifications and the Town of Buckeye Supplemental Specifications and Details, as applicable.

PART 1 - GENERAL

1.01 QUALITY ASSURANCE

A. The landscape contractor shall have performed similar work as required in this specification for a period of five years previous to the award of this contract.

1.02 SCOPE OF WORK

A. Contractor shall provide all labor, materials, including water, equipment and incidentals as shown, specified and required to perform landscaping work. The extent of the landscaping work is shown on the drawings and in schedules. The types of landscaping required include the following:

1. Landscape grading.
2. Ground cover areas.
3. Turf Lawns
4. Trees, shrubs and other nursery stock.
5. Stakes and guys, mulches, and all other material necessary to complete the planting job as specified.
6. Maintenance work as specified until completion of the Contract.
7. Soil amendments.
8. Rock Mulch
9. Fertilizers.
10. Miscellaneous landscape materials.
11. Guarantees.

Note: Contractor shall not begin planting operations until landscape grading and irrigation system has been installed and is fully operable. Large box trees may be placed prior to completion of irrigation to those trees.

1.03 COORDINATION

A. Review installation procedures under other sections and coordinate the installation of items that must be installed with the landscaping.

1.04 OBSTRUCTIONS BELOW GROUND AND UTILITIES

A. Landscape Contractor shall call for "Blue Stake" as required. Exercise extreme caution in all planting operations, as there are underground electric and telephone cables, sewer lines and water lines throughout the entire area. Contractor shall study and be familiar with the location of these obstructions and underground utilities. Place plantings where shown on the plans. If there are obstructions or underground utilities, relocate plants clear of any interference at the direction of the Landscape Architect. Landscape Contractor shall repair all damages caused by him to obstructions and underground utilities at no expense to Town of Buckeye.

PART 2 - INSTALLATION

2.01 GENERAL

A. Determine location of underground utilities and perform work in a manner which will avoid possible damage. Hand excavate, as required, to minimize possibility of damage to underground utilities. Maintain grade stakes until removal is mutually agreed upon by all parties concerned. The Contractor shall layout all plant material using stakes or flags to indicate the location of all plant materials. Spacing of shrub and groundcover material shall be as specified in schedule on plans. Location and spacing of trees shall be determined by the plan scale and located as accurately as the scale permits. Preliminary adjustments to conform to actual site conditions shall be accomplished at this time. The Landscape Architect or the Town of Buckeye Representative shall approve the staked locations of all plant material.

2.02 LANDSCAPE GRADING

A. The work under this section shall consist of landscape fine grading, contouring, smoothing, or otherwise shaping areas at the locations designated on the project plans beyond the mass grading indicated on the Civil Engineering plans.

1. Topsoil shall conform to Section 4.01.

2. Fine grade by hand raking or dragging with an approved drift, removing all debris and rocks ½-inch diameter and greater. True surface to finished grade, even and firm at all points. Finished earth grade shall be 3 inches below tops of adjacent curbs, walks and slabs to allow for placement of rock mulch or turf.

2.03 EXCAVATION FOR PLANTING

A. Planting pits for trees and shrubs shall be excavated to a volume 2 times the diameter of the root ball and to a depth equal to the depth of the root ball.

Contractor shall stockpile native soil excavated. The native soil will be used for backfilling planting pits. Scarify the walls of the planting pit.

2.04 FIRST BACKFILL

A. Planting pits shall be backfilled with a combination of 2/3 native soil and 1/3 sand and be watered settled to a grade sufficient, that in the setting of the plant, the finish grade level after settlement will be the same as that at which the plants were grown (see details in landscape plans). Backfill soil shall be mixed thoroughly outside of the planting pit.

2.05 SETTING PLANTS

A. Container Removal: Remove container by turning plant upside down, supporting root ball with hand and tapping container gently to dislodge plant. Support root ball with both hands until planted in pit. Do not injure root ball, or hold plant by the stem.

1. After removal of plant from container, superficially cut edge-roots with a sharp knife on three sides and tease out feeder roots to assure positive contact and embedment into planting soil.

B. Box Removal: Remove bottom of plant boxes before planting. Remove sides of box without damage to root ball after positioning plant in planting pit. Trees shall be placed so that best side of tree is most viewable.

1. Set container and boxed stock on undisturbed native soil, plumb, and hold rigidly in center of pit or trench with top of ball at elevation as shown on planting details. After removal of plant from box, superficially cut edge-roots with a sharp knife on four sides and tease out feeder roots to assure positive contact and embedment into planting soil. When set, place soil backfill around base and sides of ball, and work each layer to settle soil backfill to eliminate voids and air pockets. When excavation is approximately ½, water settle thoroughly before placing remainder of soil backfill. Water settle planting pit thoroughly when backfilling is complete.

2. See Section 7.01 for placement of fertilizer tablets.

3. After thorough watering, any settlement within basins shall be refilled to required grade with native soil.

4. Prune, thin out and shape trees and shrubs in accordance with standard horticultural practice. Prune trees to retain required height and spread. Unless otherwise directed, do not cut tree leaders, and remove only injured or dead branches.

5. Excessively pruned or mis-formed stock resulting from improper pruning shall be removed from site and replaced at no additional cost to the Town of Buckeye.

6. Stake trees if necessary immediately after planting. See Part 7, Section 7.03, "Tree Staking."

PART 3 - MATERIALS: TREES, SHRUBS, AND GROUNDCOVERS

3.01 GENERAL

1. The Contractor shall coordinate pre-approval of plant material at plant nurseries with the Town of Buckeye Representative and/or Landscape Architect and applicable nurseries as required prior to delivery of plant materials to site.

3.02 PROTECTION AFTER DELIVERY

A. Upon delivery to the site, all nursery stock shall be planted as soon as possible. Until planting, plants shall not be exposed to excessive sun or drying winds. Stock that is not satisfactory in the opinion of the Town of Buckeye Representative or Landscape Architect even after delivery to site shall be immediately replaced with acceptable stock at no additional cost to the Town of Buckeye.

3.03 PLANTING SEASON

1. The planting of all trees and shrubs shall be performed during favorable weather conditions, during the season or seasons that are normal for such work, as determined by acceptable local practice.

3.04 OBSTRUCTION BELOW GROUND

A. Any rock or other underground obstructions shall be removed, if possible, to the depth necessary to permit proper planting, according to plans and specifications. If underground construction, obstructions, or rock are encountered in the excavation of planting areas, other locations for planting may be selected by the Contractor only with approval of the Landscape Architect. Prior to any work, the Contractor must be knowledgeable of the locations of all existing underground installations, and their protection is his responsibility. All damage will be corrected at the expense of the Contractor to the satisfaction of the Town of Buckeye Representative. Coordinate all work with other trades so conflicts will not exist or delay the work in any way. Coordinate grades with earthwork and with placement of the irrigation system.

PART 4 - SOIL PREPARATION

4.01 PLANTING PIT SOIL

A. Topsoil (existing on site) shall be fertile, friable soil free from nut grass, refuse, roots, heavy clay, noxious weeds or any material toxic to plant growth. Contractor shall test for pH, and pH shall not be lower than 5.5 nor exceed 8.3, and soluble salts shall not exceed 1,500 ppm. Contractor shall add amendments as required to meet

the above specification. If the native topsoil cannot meet the requirements listed above, the Contractor shall import topsoil meeting the requirements.

PART 5 - ROCK MULCH

5.01 MATERIALS

A. Rock mulch shall be native, local, crushed stone. Size and color as specified on the plans. The rock mulch shall be from a single source, free from coating, clay, caliche or organic matter. Contractor shall provide Landscape Architect with sample of material for approval before delivery to site.

B. Chemical pre-emergent shall be Dachtol, Surflan or equal approved by the Town of Buckeye Representative or Landscape Architect.

5.02 SUBGRADE PREPARATION

A. Contractor must examine the sub-grade, verify the elevations and observe the conditions under which the work is to be performed. The existing grade shall be fine graded and raked free of organic matter and other debris 1/2" diameter and larger. Any settling at planting pits or irrigation trenching shall be filled and compacted. Contractor shall apply one application of pre-emergent herbicide per manufacturer's directions prior to installing rock mulch and one application after rock mulch has been installed, raked level, and compacted.

5.03 ROCK MULCH INSTALLATION

A. Landscape Planter Areas

1. Installed rock mulch shall be raked to remove any irregularities. Installation shall provide a two-inch depth of rock mulch after compacting. Methods of compacting include rolling and water settling. Unless otherwise specified in the drawings, rock mulch finish grade shall be one inch below top of curb or sidewalk surfaces.

PART 6 - LAWN PLANTING

6.01 LAWNS

A. See Section 2920 for Sodded Lawn and Hydro-seeded Lawn Specifications.

PART 7 - MISCELLANEOUS LANDSCAPE MATERIALS

7.01 PLANT MATERIAL FERTILIZER

A. Fertilizer shall be Agri-Form tablets or approved equal. 1 per shrub/accent/groundcover, 3 per tree, placed below location of drip emitter(s). Place fertilizer tablet in planting pit after backfilling by 2/3.

7.02 TREE STAKING

A. All trees shall be staked in line with prevailing winds. Stakes shall be 2-inch round knot-free pine, length as required and installed as follows: Stakes shall be placed immediately adjacent to, but in no case through, the root ball, and penetrate at least 6 inches into undisturbed soil, be aligned vertically, be pointed at one end, and be aligned so as not to interfere with the existing branch structure of the tree, extending 5 to 6 feet above grade. Vinyl for fastening trees to stakes shall be stapled to the wood stakes, or otherwise
attached to prevent removal of the vinyl. Provide not less than two (2) stakes spaced equally around trees (see tree staking details).

PART 8 - CLEAN UP

8.01 CLEAN UP

A. During landscape work, store materials and equipment where directed. Keep pavements and sidewalks clean and work area in an orderly condition. Protect landscape work and materials from damage due to landscape operations, operations by other contractors and trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed.

B. Remove all rubbish, equipment and rejected material daily from the site.

C. Protection includes all temporary fences, barriers and signs and other work incidental to proper maintenance.

PART 9 - INSPECTIONS

9.01 INSPECTIONS

A. When the landscape work is substantially completed, including maintenance, the Town of Buckeye Representative and/or Landscape Architect will make a pre-final and final inspection to determine acceptability. Where inspected landscape work does not comply with the requirements, replace rejected work and continue specified maintenance until re-inspected by the Town of Buckeye Representative or Landscape Architect and found to be acceptable. Remove rejected plants and materials promptly from the project site.

PART 10 - MAINTENANCE, GUARANTEE AND REPLACEMENT

10.01 MAINTENANCE

A. Contractor shall begin maintenance immediately after the complete landscape installation has been accepted by the Town of Buckeye Representative or Landscape Architect.

B. Contractor shall maintain landscape work until final acceptance, but in no case less than 90 days after the work has been accepted by the Town of Buckeye Representative or Landscape Architect.

10.02 SCOPE OF WORK

A. The Contractor shall furnish all labor, materials, equipment, tools, services, skill, etc., required to maintain the landscape in an attractive condition throughout the contract period. Maintenance of plant materials shall include, but not be limited to, pruning, weeding, mowing, fertilizing, irrigation programming, pest control, and landscaped areas debris clean up, per specifications. Maintenance shall be performed a minimum of once a week throughout the maintenance period.

10.03 WORK FORCE

A. Contractor Supervisor shall be responsible for the training and supervision of the maintenance personnel's performance of their duties during the maintenance period.

10.04 MATERIALS

A. All materials as noted (but not limited to this list) shall conform to the bid specifications:

1. Pre-emergent
2. Fertilizer
3. Seed
4. Plant material
5. Decomposed granite

10.05 TREE AND SHRUB CARE

A. Maintain trees and shrubs in a healthy, growing condition by performing necessary operations, including the following:

1. Pruning: Prune and shape only as necessary to maintain the usual form of the plant, to stimulate growth, to maintain growth within space limitations, and to maintain a natural appearance.

2. Staking: Stakes are to be inspected weekly and adjusted or removed as necessary.

3. Weed Control: In all landscape areas keep areas between plants free of weeds. Use recommended, legally approved, herbicides. Avoid soil cultivation.

10.06 ROCK MULCH CARE

A. Foster attractiveness at all times by following these practices:

1. Rock Mulch Areas: Shall be inspected weekly. Man-made debris shall be removed and weeds and grass controlled with chemicals. Keep all landscape areas free of broadleaf or grassy weeds, with pre-emergent and/or selective contact herbicides. Cultivating or hoeing weeds is not a recommended practice. Project shall not be accepted until all noxious weeds and grasses are eradicated.

10.07 LAWN CARE

A. See Section 2920 for lawn care specifications:

10.08 IRRIGATION SYSTEM

A. Watering shall be scheduled by supervisor on automatic controllers in quantities and frequencies consistent with seasonal requirements of the plant materials in the landscape.

B. Where practical, watering shall be done at night or early morning.

PART 11 - GUARANTEE

11.01 GUARANTEE AND REPLACEMENT

A. Guarantee all plant materials under this contract to be in good, healthy, and flourishing condition of active growth at end of guarantee period. Replace all dead plants and all plants not in vigorous, thriving condition without cost to Town of Buckeye immediately during maintenance period, and as soon as weather conditions permit during normal growing season during the guarantee period. Replace contract plantings that die back and lose form and size originally specified even though they have taken root and are growing after die back. Frost kill or damage caused by other than inadequate staking is not covered by this guarantee. However, Contractor shall, if requested, make replacement at reasonable cost and include replaced plants within maintenance and guarantee of project. Except for failures beyond control of Contractor, such as neglect, damage by others, vandalism, and floods, make replacements of comparable quality, type, and size. Continue replacements until each plant has successfully established itself for required guarantee time period. A sum sufficient to cover estimated cost of possible replacement, but not exceeding 5 percent of contract price including materials

and labor may be retained by Town of Buckeye until replacement obligations are complete.

11.02 GUARANTEE AND MAINTENANCE TIME SCHEDULE

	Guarantee Period	Maintenance Period
Shrubs	One year	90 days
Trees	One year	90 days
Turf	One Year	90 days

11.03 LANDSCAPE GUARANTEE AND MAINTENANCE PERIOD

A. Upon acceptance of the landscape after the maintenance period, furnish a written guarantee on plant material agreeing to guarantee active plant material growth for the specified guarantee periods.

C. The Contractor shall be responsible for watering and maintenance of all landscape material during the maintenance period. The Town of Buckeye shall be responsible for watering and maintenance of all landscape material during the guarantee period. The Contractor shall inspect the landscape materials periodically during the guarantee period and shall notify the Town of Buckeye Representative in writing, if, in the Contractor's opinion, the landscape materials are not receiving proper care.

11.04 LANDSCAPE ACCEPTANCE

A. Contractor shall notify Town of Buckeye Representative in writing when Contractor believes that the landscaping is substantially complete to begin the maintenance period. Notification shall be submitted in writing, through the General Contractor, and received by the Town of Buckeye Representative at least seven (7) days prior to the requested maintenance period observation. Upon subsequent observation and acceptance of landscaping by the Town of Buckeye Representative or Landscape Architect, the maintenance period start date shall be established. At completion of the maintenance period, the landscaping will again be observed by the Town of Buckeye Representative to determine acceptance and the start date of the guarantee period.

END OF SECTION 02900

SECTION 03300 - **CAST-IN-PLACE CONCRETE**

PART 1 - GENERAL: **See General Structural Notes which shall take precedence.**

1.1 SUMMARY

A. This Section specifies cast-in place concrete, including formwork, reinforcement, concrete materials, mixture design, placement procedures, and finishes at new foundations**.**

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Design Mixtures: For each concrete mixture, submit Admixtures for approval.

C. Material test reports & certificates.

1.3 QUALITY ASSURANCE

A. Manufacturer Qualifications: A firm experienced in manufacturing ready-mixed concrete products and that complies with ASTM C 94/C 94M requirements for production facilities and equipment.

1. Manufacturer certified according to NRMCA's "Certification of Ready Mixed Concrete Production Facilities."

B. ACI Publications: Comply with the following unless modified by requirements in the Contract Documents:

1. ACI 301, "Specification for Structural Concrete," Sections 1 through 5.
2. ACI 117, "Specifications for Tolerances for Concrete Construction and Materials."
3. ACI 318, "Building Code Requirements for Structural Concrete."

PART 2 - PRODUCTS

2.1 FORM-FACING MATERIALS

A. Smooth-Formed Finished Concrete: Form-facing panels that will provide continuous, true, and smooth concrete surfaces. Furnish in largest practicable sizes to minimize number of joints.

2.2 STEEL

1. Reinforcing Bars: **Per General Structural Notes & Drawings.**

2.3 CONCRETE MATERIALS

A. Cementitious Material: Use the following cementitious materials, of the same type, brand, and source, throughout Project:

1. Portland Cement: ASTM C 150, Type II

B. Normal-Weight Aggregates: ASTM C 33, graded, 3/4-inch (19-mm) nominal maximum coarse-aggregate size.

1. Fine Aggregate: Free of materials with deleterious reactivity to alkali in cement.

C. Water: ASTM C 94/C 94M and potable.

D. Air-Entraining Admixture: ASTM C 260.

E. Chemical Admixtures: Provide admixtures certified by manufacturer to be compatible with other admixtures and that will not contribute water-soluble chloride ions exceeding those permitted in hardened concrete. Do not use calcium chloride or admixtures containing calcium chloride.

1. Water-Reducing Admixture: ASTM C 494/C 494M, Type A.
2. Retarding Admixture: ASTM C 494/C 494M, Type B.
3. Water-Reducing and Retarding Admixture: ASTM C 494/C 494M, Type D.
4. High-Range, Water-Reducing Admixture: ASTM C 494/C 494M, Type F.
5. High-Range, Water-Reducing and Retarding Admixture: ASTM C 494/C 494M, Type G.
6. Plasticizing and Retarding Admixture: ASTM C 1017/C 1017M, Type II.

F. Synthetic Fiber: Monofilament or fibrillated polypropylene fibers engineered and designed for use in concrete pavement, complying with ASTM C 1116, Type III, 1/2 to 1-1/2 inches long.

2.4 VAPOR RETARDERS

A. Plastic Vapor Retarder, ASTM E 1745, Class A.

2.5 CURING MATERIALS

A. Evaporation Retarder: Waterborne, monomolecular film forming, manufactured for application to fresh concrete.

B. Absorptive Cover: AASHTO M 182, Class 2, burlap cloth made from jute or kenaf, weighing approximately 9 oz./sq. yd. when dry.

C. Moisture-Retaining Cover: ASTM C 171, polyethylene film or white burlap-polyethylene sheet.

D. Water: Potable.

E. Clear, Waterborne, Membrane-Forming Curing Compound: ASTM C 309, Type 1, Class B, dissipating.

2.6 RELATED MATERIALS

A. Expansion- and Isolation-Joint-Filler Strips: ASTM D 1751, asphalt-saturated cellulosic fiber.

2.7 CONCRETE MIXTURES

A. Prepare design mixtures for each type and strength of concrete, proportioned on the basis of laboratory trial mixture or field test data, or both, according to ACI 301.

B. Proportion normal-weight concrete mixture as follows:

1. Minimum Compressive Strength at 28 days: 2500 psi foundations, 3000 psi concrete slabs
2. Maximum Allowable Slump without Plasticizer: 5 inches
3. Air Content: Do not allow air content of troweled finished floors to exceed 3 percent.

2.8 FABRICATING REINFORCEMENT

A. Fabricate steel reinforcement according to CRSI's "Manual of Standard Practice."

2.10 CONCRETE MIXING

A. Ready-Mixed Concrete: Measure, batch, mix, and deliver concrete according to ASTM C 94/C 94M and/or ASTM C 1116, and furnish batch ticket information.

1. When air temperature is between 85 and 90 deg F reduce mixing and delivery time from 1-1/2 hours to 75 minutes; when air temperature is above 90 deg F reduce mixing and delivery time to 60 minutes.

PART 3 - EXECUTION

3.1 FORMWORK

A. Design, erect, shore, brace, and maintain formwork according to ACI 301 to support vertical, lateral, static, and dynamic loads, and construction loads that might be applied, until structure can support such loads.

B. Construct formwork so concrete members and structures are of size, shape, alignment, elevation, and position indicated, within tolerance limits of ACI 117.

C. Radius exterior corners and edges of permanently exposed concrete.

3.2 EMBEDDED ITEMS

A. Place and secure anchorage devices and other embedded items required for adjoining work that is attached to or supported by cast-in-place concrete. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.

3.3 VAPOR RETARDERS

A. Plastic Vapor Retarders: Place, protect, and repair vapor retarders according to ASTM E 1643 and manufacturer's written instructions.

1. Lap joints 6 inches and seal with manufacturer's recommended tape.

3.4 STEEL REINFORCEMENT

A. General: Comply with CRSI's "Manual of Standard Practice" for placing reinforcement.

1. Do not cut or puncture vapor retarder. Repair damage and reseal vapor retarder before placing concrete.

3.5 JOINTS

A. General: Construct joints true to line with faces perpendicular to surface plane of concrete.

B. Construction Joints: Install so strength and appearance of concrete are not impaired, at locations indicated or as approved by Architect.

C. Isolation Joints in Slabs-on-Grade: After removing formwork, install joint-filler strips at slab junctions with vertical surfaces, such as column pedestals, foundation walls, grade beams, and other locations, as indicated.

3.6 CONCRETE PLACEMENT

A. Before placing concrete, verify that installation of formwork, reinforcement, and embedded items is complete and that required inspections have been performed.

B. Deposit concrete continuously in one layer or in horizontal layers of such thickness that no new concrete will be placed on concrete that has hardened enough to cause seams or planes of weakness. If a section cannot be placed continuously, provide construction joints as indicated. Deposit concrete to avoid segregation.

1. Consolidate placed concrete with mechanical vibrating equipment according to ACI 301.

C. Cold-Weather Placement: Comply with ACI 306R.

D. Hot-Weather Placement: Comply with ACI 305R.

E. Water is not to be added to the concrete mix at the site.

3.7 FINISHING FORMED SURFACES

A. Smooth-Formed Finish: As-cast concrete texture imparted by form-facing material, arranged in an orderly and symmetrical manner with a minimum of seams. Repair and patch tie holes and defects. Remove fins and other projections that exceed specified limits on formed-surface irregularities.

1. Apply to concrete surfaces exposed to public view, to receive a rubbed finish, or to be covered with a coating or covering material applied directly to concrete.

3.8 FINISHING FLOORS AND SLABS: **See SECTION 02751 - CONCRETE PAVEMENT**

3.9 CONCRETE PROTECTING AND CURING

A. General: Protect freshly placed concrete from premature drying and excessive cold or hot temperatures. Comply with ACI 306.1 for cold-weather protection and ACI 301 for hot-weather protection during curing.

B. Evaporation Retarder: Apply evaporation retarder to unformed concrete surfaces if hot, dry, or windy conditions cause moisture loss approaching 0.2 lb/sq. ft. x h before and during finishing operations. Apply according to manufacturer's written instructions after placing, screeding, and bull floating or darbying concrete, but before float finishing.

C. Cure concrete according to ACI 308.1, by one or a combination of the following methods:

1. Moisture Curing: Keep surfaces continuously moist for not less than seven days.

2. Moisture-Retaining-Cover Curing: Cover concrete surfaces with moisture-retaining cover for curing concrete, placed in widest practicable width, with sides and ends lapped at least 12 inches and sealed by waterproof tape or adhesive. Cure for not less than seven days. Immediately repair any holes or tears during curing period using cover material and waterproof tape.

3.10 CONCRETE SURFACE REPAIRS

Defective Concrete: Repair and patch defective areas when approved by Architect. Remove and replace concrete that cannot be repaired and patched to Architect's approval.

310 FIELD QUALITY CONTROL

A. Testing and Inspecting: Contractor will engage a qualified independent testing and inspecting agency to perform field tests and inspections and prepare test reports.

1. Testing Services: Tests shall be performed according to ACI 301.

END OF SECTION 03300

SECTION 04816 - **CONCRETE UNIT MASONRY ASSEMBLIES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes unit masonry assemblies consisting of the following:

1. Concrete masonry units (CMUs). **See also Masonry General Structural Notes on Drawings.**

2. Light mortar wash to match existing.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples for each type and color of exposed masonry units and colored mortars.

C. Material Certificates: For each type of product indicated. Include statements of material properties indicating compliance with requirements including compliance with standards and type designations within standards.

1. For masonry units include material test reports substantiating compliance with requirements.

D. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.

1.3 PROJECT CONDITIONS

A. Hot-Weather Requirements: Comply with hot-weather construction requirements contained in ACI 530.1/ASCE 6/TMS 602.

PART 2 - PRODUCTS

2.1 COLORS, TEXTURES, AND PATTERNS

A. Exposed Masonry Units: As indicated by manufacturer's designations.

1. Products: No substitutions allowed, product to match existing.

a. **OLDCASTLE, Superlight, Phoenix via Young Block Company, Tucson: Slump Block,** Manufacturer's standard sizes and shapes as indicated on drawings. Color to match existing.

2.2 CONCRETE MASONRY UNITS (CMUs)

A. Shapes: Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, solid cap blocks and all other special conditions.

B. Integral Water Repellent: Provide units made with liquid polymeric, integral water-repellent admixture that does not reduce flexural bond strength for exposed units and where indicated.

C. Concrete Masonry Units: ASTM C 90, Medium Weight, Grade N, F'm = 1,500 psi, running bond, Mortar Type S, 1,800 psi, Grout 2,000 psi.

2.3 MORTAR AND GROUT MATERIALS

A. Portland Cement: ASTM C 150, Type I or II, except Type III may be used for cold-weather construction.

B. Hydrated Lime: ASTM C 207, UBC Standard 21-13, Type S.

C. Masonry Cement: ASTM C 91, UBC Standard 21-11.

D. Mortar Pigments: Iron oxides and chromium oxides, compounded for use in mortar mixes. Use only pigments with a record of satisfactory performance in masonry mortar.

1. Products:

a. Bayer Corporation, Industrial Chemicals Div.; Bayferrox Iron Oxide Pigments.
b. Davis Colors; True Tone Mortar Colors.
c. Solomon Grind-Chem Services, Inc.; SGS Mortar Colors.

E. Aggregate for Mortar: ASTM C 144.

1. For joints less than 1/4 inch thick, use aggregate graded with 100 percent passing the No. 16 sieve.
2. Colored-Mortar Aggregates: Natural sand or crushed stone of color necessary to produce required mortar color.

F. Aggregate for Grout: ASTM C 404.

G. Water-Repellent Admixture: Liquid water-repellent mortar admixture intended for use with concrete masonry units, containing integral water repellent by same manufacturer.

1. Products:

   a. Addiment Incorporated; Mortar Tite.
   b. Grace Construction Products, a unit of W. R. Grace & Co. - Conn.; Dry-Block Mortar Admixture.
   c. Master Builders, Inc.; Color Cure Mortar Admix or Rheomix Rheopel.

H. Water: Potable.

2.4 REINFORCEMENT-

A. Uncoated Steel Reinforcing Bars: ASTM A 615/A 615M or ASTM A 996/A 996M, Grade 60. All bars #5 or larger.

B. Masonry Joint Reinforcement: ASTM A 951, UBC Standard 21-10; mill galvanized, carbon-steel wire for interior walls and hot-dip galvanized, carbon-steel wire for exterior walls.
   1. Wire Size for Side Rods: W1.7 or 0.148-inch, W2.8 or 0.188-inch, and W2.8 or 0.188-inch diameter as indicated.
   2. Wire Size for Veneer Ties: W1.7 or 0.148-inch and W2.8 or 0.188-inch diameter as indicated.
   3. Spacing of Cross Rods, Tabs, and Cross Ties: Not more than 16 inches o.c.
   4. Single-Wythe Masonry: Either ladder or truss type with single pair of side rods.

2.5 TIES AND ANCHORS

A. Materials:

   1. Hot-Dip Galvanized, Carbon-Steel Wire: ASTM A 82; with ASTM A 153/A 153M, Class B-2 coating.
   2. Steel Sheet, Galvanized after Fabrication: ASTM A 1008/A 1008M, Commercial Steel, hot-dip galvanized after fabrication to comply with ASTM A 153/A 153M.
   3. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.

B. Wire Ties, General: Unless otherwise indicated, size wire ties to extend at least halfway through veneer but with at least 5/8-inch cover on outside face. Outer ends of wires are bent 90 degrees and extend 2 inches parallel to face of veneer.

C. Individual Wire Ties: Rectangular units with closed ends and not less than 4 inches wide.

   1. Wire: Fabricate from 3/16-inch, or 1/4-inch-diameter, hot-dip galvanized steel wire.

2.6 MASONRY CLEANERS

A. Proprietary Acidic Cleaner: Manufacturer's standard-strength cleaner designed for removing mortar/grout stains from new masonry without damaging masonry. Use product approved for intended use by cleaner manufacturer and manufacturer of masonry units being cleaned.

1. Manufacturers:

a. Diedrich Technologies, Inc.
b. EaCo Chem, Inc.
c. ProSoCo, Inc.

2.7 MORTAR AND GROUT MIXES

A. General: Do not use admixtures, unless otherwise indicated.

1. Do not use calcium chloride in mortar or grout.
2. Limit cementitious materials in mortar for exterior and reinforced masonry to portland cement and lime.

B. Mortar for Unit Masonry: Comply with ASTM C 270 & UBC Standard 21-15, Proportion Specification.

1. Color: Integral color pigment to match existing.

C. Mortar for Unit Masonry: Comply with ASTM C 270 & UBC Standard 21-15, Property Specification.

1. For masonry below grade or in contact with earth, use Type S.
2. For reinforced masonry, use Type S.
3. For mortar parge coats, use Type S.
4. For exterior, above-grade, load-bearing and non-load-bearing walls and parapet walls; for interior load-bearing walls; for interior non-load-bearing partitions; and for other applications where another type is not indicated, use Type N.
5. For interior non-load-bearing partitions, Type O may be used instead of Type N.

D. Grout for Unit Masonry: Comply with ASTM C 47 & UBC Standard 21-19.

1. Use grout of type indicated or, if not otherwise indicated, of type (fine or coarse) that will comply with Table 1.15.1 in ACI 530.1/ASCE 6/TMS 602 & Table 21-C in the Uniform Building Code for dimensions of grout spaces and pour height.
2. Provide grout with a slump of 8 to 11 inches as measured according to ASTM C 143/C 143M.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Use full-size units without cutting if possible. If cutting is required, cut units with motor-driven saws; provide clean, sharp, un-chipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.

B. Select and arrange units for exposed unit masonry to produce a uniform blend of colors and textures.

C. Comply with tolerances in ACI 530.1/ASCE 6/TMS 602 and with the following:

1. For conspicuous vertical lines, such as external corners, door jambs, reveals, and expansion and control joints, do not vary from plumb by more than 1/8 inch in 10 feet..
2. For conspicuous horizontal lines, such as lintels, sills, parapets, and reveals, do not vary from level by more than 1/8 inch in 10 feet.

3.2 LAYING MASONRY WALLS

A. Lay out walls in advance for accurate spacing of surface bond patterns with uniform joint thicknesses and for accurate location of openings, movement-type joints, returns, and offsets. Avoid using less-than-half-size units, particularly at corners, jambs, and, where possible, at other locations.

B. Bond Pattern for Exposed Masonry: Lay standard gray masonry in running bond pattern; Lay Astra-glaze CMU accent walls in a stack bond pattern; do not use units with less than nominal 8-inch horizontal face dimensions at corners or jambs.

C. Built-in Work: As construction progresses, build in items specified in this and other Sections. Fill in solidly with masonry around built-in items.

D. Fill space between steel frames and masonry solidly with mortar, unless otherwise indicated.

E. Fill cores in hollow concrete masonry units with grout 24 inches under bearing plates, beams, lintels, posts, and similar items, unless otherwise indicated. See Structural Drawings.

3.3 MORTAR BEDDING AND JOINTING

A. Lay hollow concrete masonry units as follows:

1. With face shells fully bedded in mortar and with head joints of depth equal to bed joints.

2. With webs fully bedded in mortar in grouted masonry, including starting course on footings.
3. With entire units, including areas under cells, fully bedded in mortar at starting course on footings where cells are not grouted.

B. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than joint thickness, unless otherwise indicated.

1. Flush joints to match existing using integral color matching mortar.

3.4 MORTAR WASH

A. Match existing consistency and transparency, apply with a sponge.

3.4 MASONRY JOINT REINFORCEMENT

A. General: Install in mortar with a minimum cover of 5/8 inch on exterior side of walls, 1/2 inch elsewhere. Lap reinforcement a minimum of 6 inches.

B. Interrupt joint reinforcement at control and expansion joints, unless otherwise indicated.

C Provide continuity at wall intersections by using prefabricated T-shaped units.

D. Provide continuity at corners by using prefabricated L-shaped units.

3.5 ANCHORING MASONRY TO STRUCTURAL MEMBERS

A. Anchor masonry to structural members where masonry abuts or faces structural members to comply with the following:

1. Provide an open space not less than 1/2 inch in width between masonry and structural member, unless otherwise indicated.
2. Anchor masonry to structural members with anchors embedded in masonry joints and attached to structure.
3. Space anchors as indicated.

3.6 REINFORCED UNIT MASONRY INSTALLATION

A. Temporary Formwork and Shores: Construct formwork and shores as needed to support reinforced masonry elements during construction.

B. Construct formwork to provide shape, line, and dimensions of completed masonry as indicated. Make forms sufficiently tight to prevent leakage of mortar and grout. Brace, tie, and support forms to maintain position and shape during construction and curing of reinforced masonry.

4. Do not remove forms and shores until reinforced masonry members have hardened sufficiently to carry their own weight and other temporary loads that may be placed on them during construction.

B. Placing Reinforcement: Comply with requirements in ACI 530.1/ASCE 6/TMS 602 and Section 2104.5 in the Uniform Building Code.

C. Grouting: Do not place grout until entire height of masonry to be grouted has attained enough strength to resist grout pressure.

1. Comply with requirements in ACI 530.1/ASCE 6/TMS 602 and Section 2104.6 in the Uniform Building Code for cleanouts and for grout placement, including minimum grout space and maximum pour height.
2. Limit height of vertical grout pours to not more than 72 inches.

3.8 CLEANING

A. In-Progress Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints.

B. Final Cleaning: After mortar is thoroughly set and cured, clean exposed masonry as follows:

1. Test cleaning methods on sample wall panel; leave one-half of panel un-cleaned for comparison purposes.
2. Protect adjacent surfaces from contact with cleaner.
3. Wet wall surfaces with water before applying cleaners; remove cleaners promptly by rinsing surfaces thoroughly with clear water.
4. Clean masonry with a proprietary acidic cleaner applied according to manufacturer's written instructions.
5. Clean concrete masonry by cleaning method indicated in NCMA TEK 8-2A applicable to type of stain on exposed surfaces.

C. Excess Masonry Waste: Remove excess masonry waste and legally dispose of off Owner's property.

END OF SECTION 04816

SECTION 05120 - **STRUCTURAL STEEL**

PART 1 - GENERAL **See General Structural Notes which take precedence.**

1.1 SUMMARY

A. This Section includes structural steel and grout.

1.2 PERFORMANCE REQUIREMENTS

A. Connections: Provide details of simple shear connections required by the Contract Documents to be selected or completed by structural-steel fabricator to withstand ASD-service & LRFD loads indicated and comply with other information and restrictions indicated.

1. Select and complete connections using schematic details indicated and AISC's "Manual of Steel Construction, Load and Resistance Factor Design," Volume 2, Part 9 & AISC's "Manual of Steel Construction, Allowable Stress Design," Part 4.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show fabrication of structural-steel components.

C. Welding certificates.

D. Mill test reports.

E. Source quality-control test reports.

1.4 QUALITY ASSURANCE

A. Welding: Qualify procedures and personnel according to AWS D1.1, "Structural Welding Code--Steel."

B. Comply with applicable provisions of AISC's "Code of Standard Practice for Steel Buildings and Bridges."

PART 2 - PRODUCTS

2.1 STRUCTURAL-STEEL MATERIALS **See Structural General Notes & Drawings for Specifications:**

A. Channels, Angles

B. Cold-Formed Hollow Structural Sections:

C. Structural tubing.

D. Steel Pipe.

E. Welding Electrodes: Comply with AWS requirements.

2.2 BOLTS, CONNECTORS, AND ANCHORS **See General Structural Notes and Drawings for Specifications**

2.3 PRIMER

A. Primer: SSPC-Paint 25, Type II, iron oxide, zinc oxide, raw linseed oil, and alkyd.

B. Primer: Fabricator's standard lead- and chromate-free, non-asphaltic, rust-inhibiting primer.

2.4 GROUT

A. Metallic, Shrinkage-Resistant Grout: ASTM C 1107, factory-packaged, metallic aggregate grout, mixed with water to consistency suitable for application and a 30-minute working time.

B. Nonmetallic, Shrinkage-Resistant Grout: ASTM C 1107, factory-packaged, nonmetallic aggregate grout, noncorrosive, non-staining, mixed with water to consistency suitable for application and a 30-minute working time.

2.5 FABRICATION

A. Structural Steel: Fabricate and assemble in shop to greatest extent possible. Fabricate according to AISC's "Code of Standard Practice for Steel Buildings and Bridges" and AISC's "Specification for Structural Steel Buildings-Allowable Stress Design and Plastic Design &Load and Resistance Factor Design Specification for Structural Steel Buildings."

B. Shear Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Use automatic end welding of headed-stud shear connectors according to AWS D1.1 and manufacturer's written instructions.

2.6 SHOP CONNECTIONS

A. High-Strength Bolts: Shop install high-strength bolts according to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts" for type of bolt and type of joint specified.

B. Weld Connections: Comply with AWS D1.1 for welding procedure specifications, tolerances, appearance, and quality of welds and for methods used in correcting welding work.

2.7 SHOP PRIMING

A. Shop prime steel surfaces except the following:

1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches
2. Surfaces to be field welded.
3. Surfaces to be high-strength bolted with slip-critical connections.
4. Surfaces to receive sprayed fire-resistive materials.
5. Galvanized surfaces.

B. Surface Preparation: Clean surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits. Prepare surfaces according to the following specifications and standards:

1. SSPC-SP 2, "Hand Tool Cleaning."
2. SSPC-SP 3, "Power Tool Cleaning."

C. Priming: Immediately after surface preparation, apply primer according to manufacturer's written instructions and at rate recommended by SSPC to provide a dry film thickness of not less than 1.5 mils. Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.

2.8 SOURCE QUALITY CONTROL

A. Owner shall engage an independent testing and inspecting agency to perform shop tests and inspections and prepare test reports. Comply with testing and inspection requirements of Part 3, Article "Field Quality Control."

B. Contractor shall correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.

C. In addition to visual inspection, shop-welded shear connectors will be tested and inspected according to requirements in AWS D1.1 for stud welding.

PART 3 - EXECUTION

3.1 ERECTION

A. Examination: Verify elevations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedments, with steel erector present, for compliance with requirements.

1. Proceed with installation only after unsatisfactory conditions have been corrected.

B. Set structural steel accurately in locations and to elevations indicated and according to AISC's "Code of Standard Practice for Steel Buildings and Bridges" and "Specification for Structural Steel Buildings--Allowable Stress Design and Plastic Design, Load and Resistance Factor Design Specification for Structural Steel Buildings."

C. Base and Bearing Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting base and bearing plates. Clean bottom surface of base and bearing plates.

1. Set base and bearing plates for structural members on wedges, shims, or setting nuts as required.
2. Weld plate washers to top of base plate.
3. Snug-tighten or Pretension anchor rods after supported members have been positioned and plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of base or bearing plate before packing with grout.
4. Promptly pack grout solidly between bearing surfaces and base or bearing plates so no voids remain. Neatly finish exposed surfaces; protect grout and allow to cure. Comply with manufacturer's written installation instructions for shrinkage-resistant grouts.

D. Maintain erection tolerances of structural steel within AISC's "Code of Standard Practice for Steel Buildings and Bridges."

3.2 FIELD CONNECTIONS

A. High-Strength Bolts: Shop install high-strength bolts according to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts" for type of bolt and type of joint specified.

1. Joint Type: Snug tightened or Pre-tensioned.

B. Weld Connections: Comply with AWS D1.1 for welding procedure specifications, tolerances, appearance, and quality of welds and for methods used in correcting welding work.

1. Comply with AISC's "Code of Standard Practice for Steel Buildings and Bridges" and "Specification for Structural Steel Buildings--Allowable Stress Design and Plastic Design, Load and Resistance Factor Design Specification for Structural

Steel Building" for bearing, adequacy of temporary connections, alignment, and removal of paint on surfaces adjacent to field welds.

3.3 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified independent testing and inspecting agency to inspect field welds and high-strength bolted connections.

B. Bolted Connections: Shop-bolted connections will be tested and inspected according to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts."

C. Welded Connections: Field welds will be visually inspected according to AWS D1.1.

1. In addition to visual inspection, field welds will be tested according to AWS D1.1 and the following inspection procedures, at testing agency's option:

a. Liquid Penetrant Inspection: ASTM E 165.
b. Magnetic Particle Inspection: ASTM E 709; performed on root pass and on finished weld. Cracks or zones of incomplete fusion or penetration will not be accepted.
c. Ultrasonic Inspection: ASTM E 164.
d. Radiographic Inspection: ASTM E 94.

D. Contractor to correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.

END OF SECTION 05120

SECTION 05310 - **STEEL DECK**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:
   1. Non-composite steel deck at Can Wash cover.

1.2 SUBMITTALS

A. Product Data: For each type of deck, accessory, and product indicated.

B. Shop Drawings: Include layout and types of deck panels, anchorage details, reinforcing channels, pans, deck openings, special jointing, accessories, and attachments to other construction.

C. Product certificates.

D. Welding certificates.

E. Research/evaluation reports.

1.3 QUALITY ASSURANCE

A. Welding: Qualify procedures and personnel according to AWS D1.1, "Structural Welding Code--Steel," and AWS D1.3, "Structural Welding Code--Sheet Steel."

B. Fire-Test-Response Characteristics: Where indicated, provide steel deck units identical to those steel deck units tested for fire resistance per ASTM E 119 by a testing and inspection agency acceptable to authorities having jurisdiction.

   1. Fire-Resistance Ratings: Indicated by design designations from UL's "Fire Resistance Directory" or from the listings of another testing and inspecting agency.
   2. Steel deck units shall be identified with appropriate markings of applicable testing and inspecting agency.

C. AISI Specifications: Calculate structural characteristics of steel deck according to AISI's "Specification for the Design of Cold-Formed Steel Structural Members."

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
   1. VERCO or equal roof deck, 1.5 inch deep X 20 gage- **See Structural**

2.2 ROOF DECK

A. Steel Roof Deck:
   1. Galvanized Steel Sheet

2.3 ACCESSORIES

A. Accessories: Steel deck manufacturer's standard accessory materials, including mechanical fasteners, closure strips, pour stops, and closures for deck.

B. Shear Connectors: ASTM A 108, Grades 1010 through 1020 headed stud type, cold-finished carbon steel, AWS D1.1, Type B, with arc shields.

C. Galvanizing Repair Paint: ASTM A 780, or SSPC-Paint 20, or DOD-P-21035, with dry film containing a minimum of 94 percent zinc dust by weight.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install deck panels and accessories according to applicable specifications and commentary in SDI Publication No. 29, manufacturer's written instructions, and requirements in this Section.

B. Place deck panels on supporting frame and adjust to final position with ends accurately aligned and bearing on supporting frame before being permanently fastened. Do not stretch or contract side-lap interlocks.

C. Place deck panels flat and square and fasten to supporting frame without warp or deflection.

D. Cut and neatly fit deck panels and accessories around openings and other work projecting through or adjacent to decking.

E. Provide additional reinforcement and closure pieces at openings as required for strength, continuity of decking, and support of other work.

F. Comply with AWS requirements and procedures for manual shielded metal arc welding, appearance and quality of welds, and methods used for correcting welding work.

1. Mechanical fasteners may be used in lieu of welding to fasten deck. Locate mechanical fasteners and install according to deck manufacturer's written instructions.

G. Roof Deck Accessories: Install sump pans and sump plates, ridge and valley plates, finish strips, cover plates, end closures, and reinforcing channels according to deck manufacturer's written instructions. Fasten to substrate to provide a complete deck installation.

H. Repairs and Protection:

1. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on both surfaces of deck with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.
2. Repair Painting: Wire brush and clean rust spots, welds, and abraded areas on both surfaces of prime-painted deck immediately after installation, and apply repair paint.

3.2 FIELD QUALITY CONTROL

A. Testing: Owner will engage a qualified independent testing agency to perform field quality-control testing.

B. Field welds will be subject to inspection.

C. Shear connector stud welds will be tested and inspected according to AWS D1.1.

D. Remove and replace work that does not comply with specified requirements.

E. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of corrected work with specified requirements.

END OF SECTION 05310

SECTION 05500 - **METAL FABRICATIONS**

PART 1 - GENERAL

1.1 SUMMARY **See General Structural Notes & Drawings which take precedence.**

A. This Section includes the following:

1. Stair railings.

2. Steel weld plates and angles.

3. Miscellaneous steel trim.

1.2 SUBMITTALS

A. Shop Drawings: Include plans, elevations, sections, and details of metal fabrications and their connections. Show anchorage and accessory items.

B. Templates: For anchors and bolts.

PART 2 - PRODUCTS

2.1 METALS

A. Metal Surfaces, General: Provide materials with smooth, flat surfaces without blemishes.

B. Ferrous Metals:

1. Steel Plates, Shapes, and Bars: ASTM A 36.

2.2 FASTENERS

A. General: Type 304 or 316 stainless steel fasteners for exterior use and zinc-plated fasteners with coating complying with ASTM B 633, Class Fe/Zn 5, at exterior walls. Provide stainless-steel fasteners for fastening aluminum. Select fasteners for type, grade, and class required.

B. Cast-in-Place Anchors in Concrete: Threaded or wedge type; galvanized ferrous castings, either ASTM A 47 malleable iron or ASTM A 27 cast steel. Provide bolts, washers, and shims as needed, hot-dip galvanized per ASTM A 153.

2.3 MISCELLANEOUS MATERIALS

A. Universal Shop Primer: Fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with MPI #79.

B. Zinc-Rich Primer: Complying with SSPC-Paint 20 or SSPC-Paint 29 and compatible with topcoat.

1. Products:

a. Benjamin Moore & Co.; Epoxy Zinc-Rich Primer CM18/19.

b. International Coatings Limited; Interzinc 315 Epoxy Zinc-Rich Primer.

c. PPG Architectural Finishes, Inc.; Aquapon Zinc-Rich Primer 97-670.

d. Sherwin-Williams Company (The); Corothane I GalvaPac Zinc Primer.

e. Tnemec Company, Inc.; Tneme-Zinc 90-97.

C. Galvanizing Repair Paint: SSPC-Paint 20, high-zinc-dust-content paint for re-galvanizing welds in steel.

D. Non-shrink, Nonmetallic Grout: Factory-packaged, non-staining, noncorrosive, nongaseous grout complying with ASTM C 1107.

E. Concrete Materials and Properties: Comply with requirements in Division 3 Section "Cast-in-Place Concrete" for normal-weight, air-entrained, ready-mix concrete with a minimum 28-day compressive strength of 3000 psi unless otherwise indicated.

2.4 FABRICATION

A. General: Pre-assemble items in the shop to greatest extent possible. Use connections that maintain structural value of joined pieces.

1. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges. Remove sharp or rough areas on exposed surfaces.

2. Weld corners and seams continuously. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals. Obtain fusion without undercut or overlap. Remove welding flux immediately. Finish exposed welds smooth and blended.

3. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible. Locate joints where least conspicuous.

4. Fabricate seams and other connections that will be exposed to weather in a manner to exclude water. Provide weep holes where water may accumulate.

5. Where units are indicated to be cast into concrete or built into masonry, equip with integrally welded steel strap anchors, not less than 24 inches o.c.

B. Shelf Angles: Fabricate shelf angles of sizes indicated and for attachment to framing. Fabricate with horizontally slotted holes to receive 3/4-inch bolts, spaced not more than 6 inches from ends and 24 inches o.c.

1. Shelf Angles on Exterior Walls: Prime with zinc-rich primer.

C. Miscellaneous Steel Trim: Fabricate units from steel shapes, plates, and bars of profiles shown with continuously welded joints and smooth exposed edges. Miter corners and use concealed field splices where possible. Provide cutouts, fittings, and anchorages as needed to coordinate assembly and installation with other work.

1. Exterior Miscellaneous Steel Trim: Prime with zinc-rich primer.

2.5 FINISHES

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes. Finish metal fabrications after assembly.

B. Steel and Iron Finishes:

1. Hot-dip galvanize items as indicated to comply with ASTM A 123/A 123M or ASTM A 153/A 153M as applicable.
2. Preparation for Shop Priming: Prepare uncoated ferrous-metal surfaces to comply with requirements indicated below for environmental exposure conditions of installed metal fabrications:

a. Exteriors (SSPC Zone 1B) and Items Indicated to Receive Zinc-Rich Primer: SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."

b. Interiors (SSPC Zone 1A): SSPC-SP 3, "Power Tool Cleaning."

3. Shop Priming: Apply shop primer to uncoated surfaces of metal fabrications, except those with galvanized finishes and those to be embedded in concrete, sprayed-on fireproofing, or masonry, to comply with SSPC-PA 1, "Paint Application Specification No. 1: Shop, Field, and Maintenance Painting," for shop painting.

PART 3 - EXECUTION

3.1 INSTALLATION

A. General: Perform cutting, drilling, and fitting required for installing metal fabrications. Set metal fabrications accurately in location, with edges and surfaces level, plumb, and true.

1. Fit exposed connections accurately together. Weld connections that are not to be left as exposed joints but cannot be shop welded. Do not weld, cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication.

2. Provide anchorage devices and fasteners where metal fabrications are required to be fastened to in-place construction.

3. Provide temporary bracing or anchors in formwork for items that are to be built into concrete, masonry, or similar construction.

B. Set bearing and leveling plates on cleaned surfaces using wedges, shims, or leveling nuts. After bearing members have been positioned and plumbed, tighten anchor bolts and pack solidly with non-shrink, nonmetallic grout.

C. Touch up surfaces and finishes after erection.

1. Painted Surfaces: Clean field welds, bolted connections, and abraded areas and touch up paint with the same material as used for shop painting.

2. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A 780.

END OF SECTION 05500- METAL FABRICATIONS

SECTION 06100 - **ROUGH CARPENTRY**

PART 1 - GENERAL

1.1 SUMMARY **See General Structural Notes & Drawings which take precedence.**

A. This Section includes the following:
   1. Framing with dimension lumber.
   2. Plywood backing panels.

B. Product Data: For each type of process and factory-fabricated product.

1.2 QUALITY ASSURANCE

A. Forest Certification: For the following wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship":

   1. Dimension lumber framing.
   2. Miscellaneous lumber.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS, GENERAL

A. Lumber: DOC PS 20 and applicable rules of grading agencies indicated. If no grading agency is indicated, provide lumber that complies with the applicable rules of any rules-writing agency certified by the ALSC Board of Review. Provide lumber graded by an agency certified by the ALSC Board of Review to inspect and grade lumber under the rules indicated.

   1. Factory mark each piece of lumber with grade stamp of grading agency.
   2. Provide dressed lumber, S4S, unless otherwise indicated.

B. Engineered Wood Products: Provide engineered wood products acceptable to authorities having jurisdiction and for which current model code research or evaluation reports exist that show compliance with building code in effect for Project.

   1. Allowable Design Stresses: Provide engineered wood products with allowable design stresses, as published by manufacturer, that meet or exceed those indicated. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis and demonstrated by comprehensive testing performed by a qualified independent testing agency.

2.2 DIMENSION LUMBER FRAMING

A. Maximum Moisture Content: 19 percent.

B. Framing: No. 2 grade of the following species:
   1. Douglas fir-larch; WCLIB or WWPA.

2.3 MISCELLANEOUS LUMBER

A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:

   1. Blocking.
   2. Nailers.
   3. Cants.
   4. Furring.
   5. Grounds.

B. For items of dimension lumber size, provide Construction or No. 2 grade lumber with 19 percent maximum moisture content of any species.

C. For concealed boards, provide lumber with 19 percent maximum moisture content and any of the following species and grades:
   1. Western woods, Construction or No. 2 Common grade; WCLIB or WWPA.

2.4 PLYWOOD BACKING PANELS

A. Telephone and Electrical Equipment Backing Panels: DOC PS 1, Exterior, AC, fire-retardant treated, in thickness indicated or, if not indicated, not less than 3/4-inch nominal thickness.

2.5 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified.

   1. Where rough carpentry is exposed to weather, in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.

B. Power-Driven Fasteners: NES NER-272.

C. Bolts: Steel bolts complying with ASTM A 307 or Grade A with ASTM A 563 hex nuts and, where indicated, flat washers.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Set rough carpentry to required levels and lines, with members plumb, true to line, cut, and fitted. Fit rough carpentry to other construction; scribe and cope as needed for accurate fit. Locate furring, nailers, blocking, grounds, and similar supports to comply with requirements for attaching other construction.

B. Where wood-preservative-treated lumber is installed adjacent to metal decking, install continuous flexible flashing separator between wood and metal decking.

C. Comply with AWPA M4 for applying field treatment to cut surfaces of preservative-treated lumber.

D. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated, complying with the following:

1. NES NER-272 for power-driven fasteners.
2. Table 2304.9.1, "Fastening Schedule," in ICC's International Building Code.

END OF SECTION 06100

SECTION 06160 - **SHEATHING**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Plywood Roof Sheathing- **see Structural GSN.**

1.2 ACTION SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product. Indicate component materials and dimensions and include construction and application details.

   1. Include data for wood-preservative treatment from chemical treatment manufacturer and certification by treating plant that treated plywood complies with requirements.
   2. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated plywood complies with requirements.

1.3 INFORMATIONAL SUBMITTALS

A. Evaluation Reports: For following products, from ICC-ES:

   1. Preservative-treated plywood.
   2. Fire-retardant-treated plywood.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: For assemblies with fire-resistance ratings, provide materials and construction identical to those of assemblies tested for fire resistance per ASTM E 119 by a testing and inspecting agency acceptable to authorities having jurisdiction.

   1. Fire-Resistance Ratings: Indicated by design designations from UL's "Fire Resistance Directory."

2.2 FASTENERS

A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.

1. For roof and wall sheathing, provide fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M of Type 304 stainless steel.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.

B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.

C. Securely attach to substrate by fastening as indicated, complying with the following:

1. NES NER-272 for power-driven fasteners.
2. Table 2304.9.1, "Fastening Schedule," in ICC's "International Building Code."
3. Table R602.3(1), "Fastener Schedule for Structural Members"

D. Coordinate wall sheathing installation with water-proofing, flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.

E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.
1. Apply glass-fiber sheathing tape to glass-mat gypsum sheathing joints and apply and trowel silicone emulsion sealant to embed entire face of tape in sealant. Apply sealant to exposed fasteners with a trowel so fasteners are completely covered. Seal other penetrations and openings.

END OF SECTION 06160

SECTION 06402 - **INTERIOR ARCHITECTURAL WOODWORK**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes interior woodwork including for the following applications:
   1. Plastic-laminate cabinets.
   2. Solid-surfacing-material countertops.

B. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips, unless concealed within other construction before woodwork installation.

1.2 SUBMITTALS

A. Product Data: For the following:

   1. Cabinet hardware and accessories.
   2. Finishing materials and processes.

B. Shop Drawings: Include location of each item, plans and elevations, large-scale details, attachment devices, and other components.

C. Samples:
   1. Plastic-laminate-clad panel products, for each type, color, pattern, and surface finish.
   2. Thermoset decorative-overlay surfaced panel products, for each type, color, pattern, and surface finish.
   3. Solid-surfacing materials.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: Fabricator of woodwork.

B. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards" for grades of interior architectural woodwork, construction, finishes, and other requirements.

   1. Provide AWI certification labels or compliance certificate indicating that woodwork complies with requirements of grades specified.

1.4 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining

temperature and relative humidity at levels planned for building occupants during the remainder of the construction period.

PART 2 - PRODUCTS

2.1 WOODWORK FABRICATORS

A. Fabricators: Subject to compliance with requirements.

2.2 MATERIALS

A. Wood Products:

1. Solid Hardboard: AHA A135.4.
2. Medium-Density Fiberboard: ANSI A208.2, Grade MD
3. Particleboard: ANSI A208.1, Grade M-2
4. Softwood Plywood: DOC PS 1, Medium Density Overlay.
5. Hardwood Plywood and Face Veneers: HPVA HP-1 made with adhesive containing no urea formaldehyde.

B. Thermoset Decorative Overlay: Particleboard or medium-density fiberboard with surface of thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.

C. High-Pressure Decorative Laminate: NEMA LD 3.
1. Manufacturers: Subject to compliance with requirements, provide products by the following:

a. **NEVAMAR** (Basis of Design Product). Colors and textures as indicated in the Drawings.

D. Solid-Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with ANSI Z124.3, for Type 5 or Type 6 material and performance requirements, without a pre-coated finish.
1. Manufacturers: Subject to compliance with requirements, provide products by the following:

a. **WILSONART** (Basis of Design Product) as indicated in the Drawings

2.3 CABINET HARDWARE AND ACCESSORIES

A. General: Provide cabinet hardware and accessory materials for a complete installation of architectural woodwork.

B. Hardware Standard: Comply with BHMA A156.9 for items indicated by referencing BHMA numbers or items referenced to this standard.

C. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, self-closing

D. Back-Mounted Pulls: BHMA A156.9, B02011. (Brushed Nickel Finish).

E. Catches: Magnetic, BHMA A156.9, B03141

F. Adjustable Shelf Standards and Supports: BHMA A156.9, B04071; with shelf rests, B04081

G. Drawer Slides: Side-mounted, full-extension, zinc-plated steel drawer slides with steel ball bearings, BHMA A156.9, B05091, and rated for the following loads:

1. Box Drawer Slides: 100 lbf
2. File Drawer Slides: 200 lbf (heavy duty)
3. Pencil Drawer Slides: 45 lbf

H. Door Locks: BHMA A156.11, E07121, include catch at inactive door, all master keyed to one key, each room on separate key.

I. Drawer Locks: BHMA A156.11, E07041

J. Exposed Hardware Finishes: Complying with BHMA A156.18 for BHMA finish number indicated.
1. Nickel Plated, Brushed Satin Finish, Steel Base Material

2.4 INSTALLATION MATERIALS

A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln-dried to less than 15 percent moisture content.

B. Handrail Brackets: Extruded Stamped from malleable iron with wall flange drilled for exposed anchor, drilled and tapped for concealed hanger bolt and with support arm for screwing to underside of rail. Sized to provide 1-1/2-inch clearance between handrail and wall.

2.5 FABRICATION

A. General: Complete fabrication to maximum extent possible before shipment to Project site. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.

1. Interior Woodwork Grade: **Custom grade** complying with the referenced quality standard.
2. Shop cut openings to maximum extent possible. Sand edges of cutouts to remove splinters and burrs.
3. Install glass to comply with applicable requirements in Division 8 Section "Glazing" and in GANA's "Glazing Manual." For glass in wood frames, secure glass with removable stops.

4. For trim items wider than available lumber, use veneered construction. Do not glue for width.
5. Back-out or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
6. Assemble casings in plant except where limitations of access to place of installation require field assembly.

7. Provide dust panels of 1/4-inch plywood or tempered hardboard above compartments and drawers, unless located directly under tops.

B. Plastic-Laminate Cabinets:
1. AWI Type of Cabinet Construction: Flush overlay on face frame or as indicated.
2. Laminate Cladding for Exposed Surfaces: High-pressure decorative of grade indicated.

a. Horizontal Surfaces other than countertops.
b. Post-formed Surfaces
c. Vertical Surfaces
d. Edges 0.018-inch minimum thickness, matching laminate in color, pattern.

3. Materials for Semi-exposed Surfaces Other Than Drawer Bodies: High-pressure decorative laminate, Grade VGS

a. Drawer Sides and Backs: Thermoset decorative overlay.
b. Drawer Bottoms: Thermoset decorative overlay.

4. Colors, Patterns, and Finishes: As indicated on the Drawings.
5. Provide dust panels of 1/4-inch plywood or tempered hardboard above compartments and drawers, unless located directly under tops.

C. Plastic-Laminate Countertops:

1. High-Pressure Decorative Laminate.
2. Colors, Patterns, and Finishes: As indicated on the Drawings.
3. Edge Treatment: Same as laminate cladding on horizontal and vertical surfaces.
4. Core Material at Sinks: Medium-density fiberboard made with exterior glue.

D. Solid-Surfacing-Material Countertops:

1. Solid-Surfacing-Material Thickness: 1/2 inch
2. Colors, Patterns, and Finishes: As indicated by manufacturer's designations on the Drawings
3. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing.

2.6 SHOP FINISHING

A. Finish architectural woodwork at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Condition woodwork to average prevailing humidity conditions in installation areas and examine and complete work as required, including removal of packing and back priming before installation.

B. Quality Standard: Install woodwork to comply with AWI Section 1700 for the same grade specified in this Section for type of woodwork involved.

C. Quality Standard: Install woodwork to comply with WIC Section 26 for the same grade specified in this Section for type of woodwork involved.

D. Install woodwork level, plumb, true, and straight to a tolerance of 1/8 inch in 96 inches. Shim as required with concealed shims.

E. Scribe and cut woodwork to fit adjoining work, and refinish cut surfaces and repair damaged finish at cuts.

F. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.

G. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.

1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches o.c. with No. 10 wafer-head screws sized for 1-inch penetration into wood framing, blocking, or hanging strips or No. 10 wafer-head sheet metal screws through metal backing or metal framing behind wall finish.

H. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop. Caulk space between backsplash and wall with sealant specified in Division 7 Section "Joint Sealants."

I. Radius edges on all Millwork Countertops at all exposed corners.

J. Paneling: Anchor paneling to supporting substrate with concealed panel-hanger clips or splined connection strips. Do not use face fastening, unless covered by trim.

SECTION 07141 - **COLD FLUID-APPLIED WATERPROOFING**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Single-component modified polyurethane waterproofing.

B. Related Section: Division 7 Section "Joint Sealants" for joint-sealant materials and installation.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Product test reports.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: A firm that is acceptable to waterproofing manufacturer for installation of waterproofing required for this Project.

B. Pre-installation Conference: Conduct conference at Project site.

1. Review waterproofing requirements including surface preparation, substrate condition and pretreatment, minimum curing period, forecasted weather conditions, special details and flashings, installation procedures, testing and inspection procedures, and protection and repairs.

1.4 PROJECT CONDITIONS

A. Environmental Limitations: Apply waterproofing within the range of ambient and substrate temperatures recommended by waterproofing manufacturer.

1.5 WARRANTY

A. Special Manufacturer's Warranty: Manufacturer's standard form in which waterproofing manufacturer and Installer agree to repair or replace waterproofing that does not comply with requirements or that fails to remain watertight within specified warranty period.

1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SINGLE-COMPONENT POLYURETHANE WATERPROOFING

A. Single-Component, Modified Polyurethane Waterproofing: Comply with ASTM C 836 and with manufacturer's written physical requirements.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, the following:

a. Carlisle Coatings & Waterproofing Inc.; CCW-525, or equal.

2.2 AUXILIARY MATERIALS

A. Primer: Manufacturer's standard, factory-formulated polyurethane or epoxy primer.

B. Sheet Flashing: 50-mil- minimum, non-staining, uncured sheet neoprene.

1. Adhesive: Manufacturer's recommended contact adhesive.

C. Membrane-Reinforcing Fabric: Nonwoven, needle-punched white polyester fabric.

D. Joint Reinforcing Strip: Manufacturer's recommended fiberglass mesh or polyester fabric.

2.3 PROTECTION COURSE

A. Protection Course: Molded-polystyrene board insulation, ASTM C 578, Type I, 0.90-lb/cu. ft. minimum density, 1-inch minimum thickness.

PART 3 - EXECUTION

3.1 SURFACE PREPARATION

A. Clean and prepare substrate according to manufacturer's written recommendations. Provide clean, dust-free, and dry substrate for waterproofing application.

B. Mask off adjoining surfaces not receiving waterproofing to prevent spillage or overspray affecting other construction.

C. Remove grease, oil, bitumen, form-release agents, paints, curing compounds, acid residues, and other penetrating contaminants or film-forming coatings from concrete.

D. Remove fins, ridges, and other projections and fill honeycomb, aggregate pockets, and other voids.

E. Prepare vertical and horizontal surfaces at terminations and penetrations through waterproofing and at expansion joints, drains, and sleeves according to ASTM C 1471 and manufacturer's written instructions.

1. Apply waterproofing in two separate applications and embed a joint reinforcing strip in the first preparation coat when recommended by waterproofing manufacturer.

F. Prepare, treat, rout, and fill joints and cracks in substrate according to ASTM C 1471 and waterproofing manufacturer's written instructions. Remove dust and dirt from joints and cracks, complying with ASTM D 4258, before coating surfaces.

G. Install sheet flashing and bond to wall substrates where indicated or required according to waterproofing manufacturer's written instructions.

1. Extend sheet flashings onto perpendicular surfaces and other work penetrating substrate according to ASTM C 898.

3.2 WATERPROOFING APPLICATION

A. Apply waterproofing according to ASTM C 1471 and manufacturer's written instructions.

B. Unreinforced Waterproofing Applications:

1. Apply one or more coats of waterproofing to obtain a seamless membrane free of entrapped gases, with an average dry film thickness of 60 mils and a minimum dry film thickness of 50 mils at any point.

C. Install protection course with butted joints over nominally cured membrane before starting subsequent construction operations.

1. Board insulation may be used in place of a separate protection course to vertical applications when approved by waterproofing manufacturer.

3.3 CURING, PROTECTION, AND CLEANING

A. Cure waterproofing according to manufacturer's written recommendations, taking care to prevent contamination and damage during application stages and curing.

B. Protect waterproofing from damage and wear during remainder of construction period.

C. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 07141

SECTION 07210 - **BUILDING INSULATION**

PART 1 - GENERAL –

1.1 SUMMARY

A. This Section includes the following:

1. Concealed building insulation.
2. Acoustical batt insulation
3. Extruded Polystyrene Board Insulation Furring System.

1.2 SUBMITTALS

A. Product Data: For each product indicated.

B. Product test reports.

C. Research/evaluation reports.

1.3 QUALITY ASSURANCE

A. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per ASTM E 84 for surface-burning characteristics and other methods indicated with product, by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.

PART 2 - PRODUCTS

2.1 INSULATING MATERIALS

A. General: Provide insulating materials that comply with requirements and with referenced standards and, for preformed units, in sizes to fit applications indicated, selected from manufacturer's standard thicknesses, widths, and lengths.
1. Batts shall be a single thickness to meet required R-Values. Multiple Layers will not be accepted.

B. Acoustical Batt Insulation:

1. Unfaced, Formaldehyde Free Flexible Glass-Fiber Insulation: ASTM C 612, Type IA; ASTM C 553, Types I, II, and III; or ASTM C 665, Type I; with maximum

flame-spread and smoke-developed indices of 25 and 50, respectively; and of the following properties:

a. Combustion Characteristics: Passes ASTM E 136.
b. Wall Insulation: OWENS CORNING EcoTouch PINK Fiberglass, in thicknesses and R-Values indicated on Drawings.
c. Above Offices Ceiling- OWENS CORNING EcoTouch SONOBATTS Insulation with PureFiber Technology, 6.25 inch, R-19.
d. Locations: where indicated on Drawings.
e. Walls: Existing acoustical wall insulation shall be verified and installed where missing, at new walls, and in walls being extended to underside of deck.
f. Above Ceiling: Provide acoustical batts throughout all Administrative Office Areas and where missing in ceiling above Activity Room 3 (Suite 106).

C. Building Batt Insulation:

1. Kraft faced, Formaldehyde Free Flexible Glass-Fiber Insulation: ASTM C 612, Type IA; ASTM C 553, Types I, II, and III; or ASTM C 665, Type I; with maximum flame-spread and smoke-developed indices of 25 and 50, respectively; and of the following properties:
   a. Combustion Characteristics: Passes ASTM E 136.
   b. Resistance values: General: Wall & Roof Insulation, match existing where missing or disturbed by new work.
   c. R-Values for new insulation: Walls: R-20, Ceilings/Attics: R-38.

D. Black Vinyl Scrim:

1. 6-mil black vinyl scrim covering any exposed building fiberglass batts at underside of roof.
   a. Wire to exposed structure for a tight, uniform, neat appearance where exposed to view.

E. Extruded Polystyrene Board Insulation: ASTM C 578, Type IV

1. Basis of Design Product: CERTISTUD, DiversiFoam Products, Inc., CertiFoam brand pre-furred wall insulation, 2 inch X 48 inches X 96 inches, rigid extruded polystyrene foam board with imbedded furring strips at 24 inches on center: R-10.

PART 3 - EXECUTION

3.1 INSTALLATION

A. General: Install insulation to comply with insulation manufacturer's written instructions applicable to products and application indicated. Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

B. Replace Building Insulation in kind where missing and disturbed by new work.

C. **DO NOT place above ceiling acoustical batts over, or within 3 inches of recessed light fixtures that are not ICC rated.**

D. Wire black vinyl scrim over R-38 fiberglass batt insulation to exposed structure for a tight, uniform appearance where exposed to view.

E. Mechanically fasten extruded polystyrene boards vertically to CMU walls where indicated and cover with 5/8 inch gypsum board sheathing oriented horizontally with staggered running bond pattern seams.

END OF SECTION 07210

SECTION 07570

COATED FOAM INSULATED ROOFING SYSTEM

SCOPE - WORK SPECIFIED **NOTE: Contractor to coordinate with City of Buckeye Public Works Director Scott Lowe or Facilities Director Scott Tijerina for approved roofer and product specifications via interface with existing Warranty on recently installed spray foam roof.**

All labor, materials, transportation, storage facilities, equipment, and services necessary to furnish and install spray applied monolithic rigid urethane insulation and waterproofing and protection systems, including all accessories and devices necessary to complete the roof insulation and waterproofing as indicated and specified.

SUBMITTAL QUALIFICATIONS

Submit manufacturer's technical product data, application rates, installation and maintenance instructions, proposed details and manufacturer-contractor warranty for the system prior to start of installation. Submit a complete fully cured sample of the roofing system proposed. Sample shall be at least 4 inches by eight inches, having the full depth of all materials as specified and intended. Each component layer shall be drawn back in a fashion exposing each successive component of the system.

WARRANTY

A representative of the system or manufacturer shall provide a final inspection and punch list of the installation prior to issuing Substantial Completion. This punch list shall be given to the Owner and shall become part of the contractor's punch list work. This is required by the Owner whether or not it is a condition of the manufacturer for issuance of the warranty.

The roof system shall be guaranteed to be free from defects, leakage or deterioration, for a period of ten years from the date of final installation acceptance. Warranties from different sources shall be combined into a single warranty offering the Owner a single source of responsibility for all warranty items.

The warranty shall cover 100% of the cost of labor and materials necessary to restore watertightness or deterioration throughout the period of the warranty. As condition of the warranty, the Contractor agrees to respond to warrantee repair requests within four (4) hours of the call and complete all repairs or work within 24 hours of the repair request. If repairs cannot be completed within the 24 hour period, temporary repairs providing a watertight assembly must be completed before leaving the Project site.

As part of the warranty, the roofer or manufacturer shall conduct an annual inspection of the roof and provide a written inspection report to the Owner.

APPROVED APPLICATORS and QUALITY ASSURANCE

The contractor shall be a factory or manufacturer certified and trained installer of the proposed system.

Installers must has successfully completed at least five roof systems of the same type and size as this project within the past three years. The lead installer or foreman must have experience in this roof type application.

A pre-installation meeting with the contractor, Owner and campus representative shall be held at least one week prior to beginning the work. Methods and procedures to be used shall be discussed, including inspection and discussion of the substrate; conditions of all penetrations, including roof drains; preparatory work required; review of any apparent structural deficiencies, including inspection of deck for flatness; review of the roofing system requirements, specifications and details; finalize schedule and availability of

materials and crews; coordination of campus operation issues and potential conflicts; and review of any in-progress or final inspections by the system/materials manufacturer necessary to obtain the warranty.

All areas which fail to meet specification requirements with respect to thickness, foam quality, etc., shall be repaired and resprayed at the expense of foam applicator.

PRODUCT HANDLING

1. Product handling shall be as per manufacturer's instructions.

2. Urethane insulation, waterproofing materials, aggregates and protective coatings shall be processed and applied, using only that equipment specifically designed for roofing application.

3. All materials shall be stored and protected from excessive heat and cold, in accordance with materials manufacturer's instructions.

4. Provide verification that products approved are products installed on the job.

INSPECTIONS AND CONDITIONS OF SURFACES

1. Manufacturer's representative is to provide a "pre-project inspection report" prior to any work commencing.

2. At the completion of the roofing project, manufacturer's representative is to provide a "completed project inspection report".

3. Roofer shall assume inspect the subsurface to receive the new roofing system and provide written notification to the Owner of any unacceptable conditions. Start of installation of the new roofing system indicates acceptance of substrate for application of the roofing and waives any future claims for pre-existing conditions.

TESTS AND CERTIFICATIONS

The insulations used in the roofing system must be tested and acceptable as a composite roof covering in accordance with UL-790 test methods. The roofing system shall meet the requirements for:

A. Class A spread of flame in accordance with E-108 fire test for roof coverings.
B. Test for insulated roof deck construction in accordance with U.L. 1256.

The entire system, as installed, shall have a Class A rating and have a current I.C.B.O. approval.

MATERIALS

Changes to the materials and applications rates shall be made for prior approved systems. All materials used shall have U.L approval and show U.L. labels on the wrapping or containers.

1. Primer shall be General Polymers, applied at the rate of 300 square feet per gallon.

2. Urethane foam insulation shall be a two-component spray applied polyurethane foam manufactured for roofing applications. Install a minimum of 1 1/2" of foam throughout, with thicker application as necessary to provide positive drainage in all areas of the roof. Application shall result in a high quality seamless layer of urethane insulation meeting the following requirements:

	ASTM Method	Minimum Property
Density in place	D-1622	2.5 to 3.0 lb/ft
Compressive strength	D-1621	40 psi
Tensile strength	D-1623	60 psi
"k" Factor	C-518	.14 to .18 per inch
Closed cell content	D-2856	90+
Dimensional stability		
% volume change	D-2126	NET CHANGE:
at 100% RH:	1 week	2%
	4 weeks	8%

Surface Burning Characteristics per U.L. 723, ASTM E-84:
Flamespread: 30 Contribution: 0 Smoke Density: 500+

The foam shall be CFC free.

3. Fluid Applied Waterproofing at Vertical Surfaces:

a. Shall be one component elastomeric coating.

b. Shall be spray applied in a two three coat application.

c. Shall result in a total average dry film thickness of 30 mils.

d. Application of fluid applied waterproofing shall result in a seamless membrane with the following performance requirements:

Tensile Strength	ASTM-D412	440 psi @ 0°/250 @ 75°
Elongation	ASTM-D412	320%
Hardness Shore "A"	ASTM-D2240	5565 Shore A
Permeance @ 20 mils	ASTM-E398	2.9 perms
Fire Resistance	#108	System rated Class "A" by Underwriters Lab
Color		White

4. Cementitious Coating shall be manufactured for use in the proposed roofing system. The coating shall be a one or two part system, composed of cementitious asbestos-free powder and a compatible acrylic emulsion. The coating shall be applied in two separate passes resulting in at least an average thickness of 1/4" on all horizontal roof surfaces. The material characteristics shall meet or exceed:

Color		White
Reflectance	ASTM E424-71	.85
UV Resistance	ASTM D-822	2,000 hrs/No Effect
High Temperature	ASTM D-794	No Effect Stability
Solar Reflectance (RS)	ASHRAE Standard	.74
Solar Absorption (RS)	ASHRAE Standard 74-73	.26

APPLICATION

1. Pre-Application

   a. Any roof deck or surface that is to be receive sprayed urethane foam shall be securely fastened to the building structure.

   b. Remove any contaminants that will interfere with total adhesion of sprayed urethane foam to the substrate. Surfaces shall be free of loose gravel, particles, rust, scale, grease, dirt, laitance, or other contaminants.

   c. A dry surface is one that is free of visible moisture and that when tested with moisture meter, registers a reading of less than ten (10) percent.

   d. No foam shall be sprayed on a roof deck if the deck temperature is within 5° of the dewpoint.

   e. Sprayed foam shall not be applied on a roof deck surface having a measured temperature of less than 50°F unless a foam specifically formulated for low temperature application is employed. In this event, the permissible minimum measured deck temperature will be 35°F.

2. Primer shall be applied to surfaces before proceeding with urethane foam as determined by the foam manufacturer's representative.

3. Sprayed Urethane Insulation

   a. Sprayed urethane foam shall be metered to material supplier specifications through proportioning equipment which provides thermostatically controlled material temperatures. Hoses between the proportioner and spray gun shall be temperature controlled.

   b. Foam normally shall not be applied when the measured deck temperature is below 50°F. (Refer to foam manufacturer's tech data on specific cold weather foam requirements.) Foam shall not be applied when the relative humidity is above 95%. Foam shall not be applied when wind velocities exceed 15 miles per hour, unless suitable wind barriers are employed.

   c. Surface texture of installed foam may range from a smooth to medium coarse (orange peel) finish. "Popcorn" or "tree bark" are not acceptable.

   d. Filleting of a foam to parapet walls, vents, roof mounted equipment, etc., shall provide a relatively smooth transition to the roof deck, shall be of uniform cross-section thickness, and shall meet all other foam surfaces texture requirements. All existing sheet metal flashing and counterflashing of the existing roofing shall be encapsulated within the new foam application.

   e. All areas which fail to meet specification requirements with respect to thickness, foam quality, etc., shall be repaired and resprayed at the expense of foam applicator.

   f. Application of spray foam shall not commence during inclement weather or when precipitation is imminent. Areas shall be kept clear of traffic from other trades during and for twenty-four hours after completion of application.

   g. Mask off metal and other surfaces not to receive foam.

   h. Prevent damage from overspray of foam insulation. Caution shall be taken to protect those areas not to receive spray foam, including vehicles nearby.

i. Spray foam application on parapet walls shall be minimum 3/4" thick and applied up to and under the rear edge of existing sheet metal cap flashing or up and over the top of the parapet if no flashing exists.

j. Application of lifts of 1/2" minimum to reach the minimum thickness of 1-1/2" of foam throughout. The finished foam surface shall be uniform and pitched to avoid ponded water.

k. Minimum pitch of 1/4" per foot is required, including valleys at crickets. Crickets shall be installed on the "uphill" side of any obstructions to the drainage path. It shall be the The roofing contractor's responsibility to verify that the roof pitch requirement has been designed and provided by the installation of the substrate and **IF NOT -- THIS REQUIREMENT SHALL BE MET BY TAPERING THE INSULATION. This shall be included in the contractor's original bid.**

l. Where foam surface has been sanded, planed or trimmed, and surface skin removed, such as areas shall be given an **ADDITIONAL APPLICATION OF COATING BASE COAT IMMEDIATELY AFTER EXPOSURE** and before applying normal base coat to entire area.

m. Apply spray foam insulation in accordance with manufacturer's instruction.

4. Waterproofing & Protection System

a. Fluid Applied Waterproofing

(1) Spray apply elastomeric membrane over insulation at the manufacturer's recommended rate in one application.

(2) Spray apply final application of elastomeric membrane at the manufacturer's recommended rate per 100 square feet.

(3) Total dry thickness of elastomeric membrane exclusive of aggregate, shall be an average of 25 mils.

(4) Spray or roll a fluid applied flashing over foam insulation at all parapet walls, mechanical equipment and other vertical surfaces in three applications at the manufacturer's recommended rate per 100 square feet per application (two base coats and one top coat).

b. Protective-Reflective Surface

Apply polymer modified cementitious roof coating into embedded aggregate at average 1/4" thickness to provide the final reflective, abuse resistant surface.

c. No traffic shall be permitted on completed roof surface for a minimum of five days.

d. Clean all excess materials from roof area and project site.

END OF SECTION

SECTION 07841 - **THROUGH-PENETRATION FIRESTOP SYSTEMS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes through-penetration firestop systems for the following types of fire-resistance-rated assemblies:
   1. Walls and partitions.
   2. Construction enclosing compartmentalized areas.

1.2 PERFORMANCE REQUIREMENTS

A. F-Ratings: Provide firestop systems with F-ratings equaling or exceeding fire-resistance rating of constructions penetrated as determined per ASTM E 814.

B. T-Ratings: Provide firestop systems with T-ratings required, as well as F-ratings, determined per ASTM E 814, where systems protect penetrating items with potential to contact adjacent materials in occupiable floor areas including, but not limited, to the following:

   1. Penetrations located outside wall cavities.
   2. Penetrations located outside fire-resistive shaft enclosures.
   3. Penetrations located in construction containing fire-protection-rated openings.
   4. Penetrating items larger than 4-inch- diameter nominal pipe or 16 sq. in. in overall cross-sectional area.

C. For firestop systems exposed to view, traffic, moisture, and physical damage, provide products that after curing do not deteriorate when exposed to these conditions both during and after construction.

   1. For piping penetrations for plumbing and wet-pipe sprinkler systems, provide moisture-resistant firestop systems.
   2. For floor penetrations with annular spaces exceeding 4 inches in width and exposed to possible loading and traffic, provide firestop systems capable of supporting floor loads involved either by installing floor plates or by other means.
   3. For penetrations involving insulated piping, provide firestop systems not requiring removal of insulation.

D. For through-penetration firestop systems exposed to view, provide products with flame-spread indices of less than 25 and smoke-developed indices of less than 450, when tested per ASTM E 84.

1.3 SUBMITTALS

A. Product Data: For each product indicated.

B. Shop Drawings: Include details of installation and design designation of testing and inspecting agency acceptable to authorities having jurisdiction that evidences compliance with requirements for each condition indicated.

C. Product certificates and/or test reports.

1.4 QUALITY ASSURANCE

A. Fire-Test-Response Characteristics: Provide rated systems identical to those tested per ASTM E 814 and with products bearing the classification marking of a qualified testing and inspecting agency acceptable to authorities having jurisdiction.

B. Coordinate sizing of sleeves, openings, core-drilled holes, or cut openings to accommodate firestop systems.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: The design for through-penetration firestop systems is based on products named in the Through-Penetration Firestop Schedule at the end of Part 3 by design designation of a qualified testing and inspecting agency. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:

1. A/D Fire Protection Systems Inc.
2. DAP Inc.
3. Firestop Systems Inc.
4. Hilti Construction Chemicals, Inc.
5. Instant Firestop Mfg. Inc.
6. International Protective Coatings Corp.
7. Isolatek International.
8. Nelson Firestop Products.
9. NUCO Industries.
10. Specified Technologies Inc.
11. 3M Fire Protection Products.
12. Tremco.
13. United States Gypsum Company.

2.2 FIRESTOP SYSTEMS

A. Compatibility: Provide firestop systems that are compatible with the substrates forming openings, and with the items, if any, penetrating firestop systems, under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Accessories: Provide accessories required to install fill materials that comply with requirements of tested assemblies, are approved by qualified testing and inspecting agency that performed testing, and are specified by manufacturer of tested assemblies. Accessories include, but are not limited to, the following:

1. Permanent forming/damming/backing materials.

    a. Slag-/rock-wool-fiber insulation.
    b. Sealants used in combination with other forming/damming/backing materials to prevent leakage of fill materials in liquid state.
    c. Fire-rated form board.
    d. Fillers for sealants.

2. Temporary forming materials.
3. Substrate primers.
4. Collars.
5. Steel sleeves.

PART 3 - EXECUTION

3.1 INSTALLATION

A. General: Install through-penetration firestop systems to comply with "Performance Requirements" Article and firestop system manufacturer's written installation instructions and published drawings for products and applications indicated.

B. Clean openings immediately before installing firestop systems.

1. Remove foreign materials that could interfere with adhesion of firestop systems.
2. Remove laitance and form-release agents from concrete.
3. Produce clean, sound surfaces capable of developing optimum bond with firestop systems. Remove loose particles remaining from cleaning operation.

C. Priming: Prime substrates when recommended in writing by firestop system manufacturer using that manufacturer's recommended products and methods. Confine primers to areas of bond; do not spill primers or allow them to migrate onto adjoining surfaces.

D. Masking Tape: Use masking tape where required to prevent contact of firestopping with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove firestopping smears. Remove tape immediately after installation without disturbing firestopping seal.

E. Accessories: Install accessories of types required to support fill materials during their application and in the position necessary to produce cross-sectional shapes and depths required to achieve fire ratings indicated.

1. After installing fill materials, remove combustible forming materials and other accessories that are not permanent components of firestop systems.

F. Install fill materials for firestop systems by proven techniques.

1. Fill voids and cavities formed by openings, forming materials, accessories, and penetrating items as required to achieve fire-resistance ratings indicated.
2. Apply materials so they contact and adhere to substrates formed by openings and penetrating items.
3. For fill materials that will remain exposed after completing Work, finish to produce smooth, uniform surfaces that are flush with adjoining finishes.

G. Identification: Identify firestop systems with pressure-sensitive, self-adhesive, preprinted vinyl labels. Attach labels permanently to surfaces of penetrated construction on both sides of each firestop system installation where labels will be visible. Include the following information on labels:

1. The words: "Warning--Through-Penetration Firestop System--Do Not Disturb. Notify Building Management of Any Damage."
2. Contractor's name, address, and phone number.
3. Through-penetration firestop system designation of applicable testing and inspecting agency.
4. Date of installation.
5. Firestop system manufacturer's name.
6. Installer's name.

H. Clean excess fill materials adjacent to openings as installation progresses by methods and with cleaning materials that are approved in writing by manufacturers and that do not damage materials in which openings occur.

3.2 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified independent testing and inspecting agency to perform field tests and inspections and to prepare test reports.

1. Notify Owner's inspecting agency at least seven days in advance of firestop system installations; confirm dates and times on days preceding each series of installations.

B. Do not cover up firestop system installations that will become concealed behind other construction until inspecting agency and building inspector, if required by authorities having jurisdiction, have examined each installation.

C. Inspecting agency will state in each report whether inspected firestop systems comply with or deviate from requirements.

D. Enclosing firestop systems with other construction only after inspection reports are issued.

E. Where deficiencies are found, repair or replace firestop systems to comply with requirements.

3.3 THROUGH-PENETRATION FIRESTOP SYSTEM SCHEDULE

A. Where UL-classified systems are indicated, they refer to the alpha-alpha-numeric designations listed in UL's "Fire Resistance Directory" under product Category XHEZ. Should other types of penetrations or alternative equivalent 1-hr. rated systems be required during the course of Construction, consult the Architect for approval of preferred system types, and firestop materials.

B. Firestop Systems for Metallic Pipes, Conduit, or Tubing. Comply with the following:

1. UL-Classified Systems: C-AJ-1087, or W-J-1042

C. Firestop Systems for Miscellaneous Electrical Penetrants. Comply with the following:

1. UL-Classified Systems: C-AJ-1089 or C-AJ-1091

D. Firestop Systems for Miscellaneous Mechanical Penetrations. Comply with the following:

1. UL-Classified Systems: W-J-7002 OR W-J-7003

E. Firestop Systems for Groupings of Penetrations. Comply with the following:
1. UL-Classified Systems: C-AJ-1088.

END OF SECTION 07841

SECTION 07920 - **JOINT SEALANTS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes joint sealants for the following including those specified by reference to this Section.

1. Exterior joints in vertical surfaces and horizontal non-traffic surfaces.
2. Exterior joints in horizontal traffic surfaces.
3. Interior joints in vertical surfaces and horizontal non-traffic surfaces.
4. Interior joints in horizontal traffic surfaces.

B. See Division 2 Section "Pavement Joint Sealants" for sealing joints in pavements, walkways, and curbing.

C. See Division 8 Section "Glazing" for glazing sealants.

1.2 PERFORMANCE REQUIREMENTS

A. Provide elastomeric joint sealants that establish and maintain watertight and airtight continuous joint seals without staining or deteriorating joint substrates.

B. Provide joint sealants for interior applications that establish and maintain airtight and water-resistant continuous joint seals without staining or deteriorating joint substrates.

1.3 SUBMITTALS

A. Product Data: For each joint-sealant product indicated.

B. Preconstruction field test reports.

C. Compatibility and adhesion test reports.

D. Product certificates.

1.4 QUALITY ASSURANCE

Pre-construction Compatibility and Adhesion Testing:

A. Pre-construction Field-Adhesion Testing: Before installing elastomeric sealants, field test their adhesion to Project joint substrates according to the method in ASTM C 1193 that is appropriate for the types of Project joints.

1.5 WARRANTY

1. Warranty Period: **Two years** from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products listed in other Part 2 articles.

B. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.

2.2 MATERIALS, GENERAL

A. Compatibility: Provide joint sealants, backings, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer, based on testing and field experience.

B. Colors of Exposed Joint Sealants: **Match adjacent material finish color.**

2.3 ELASTOMERIC JOINT SEALANTS

A. Elastomeric Sealants: Comply with ASTM C 920 and other requirements indicated for each liquid-applied chemically curing sealant specified, including those referencing ASTM C 920 classifications for type, grade, class, and uses related to exposure and joint substrates.

B. Stain-Test-Response Characteristics: Where elastomeric sealants are specified to be non-staining to porous substrates, provide products that have undergone testing according to ASTM C 1248 and have not stained porous joint substrates indicated for Project.

C. Multi-component Non-sag Urethane Sealant

1. Available Products or equal:
   a. Sika Corporation, Inc.; Sikaflex - 2c NS TG.
   b. Sonneborn, Division of ChemRex Inc.; NP 2.
   c. Tremco; Vulkem 227.
   d. Tremco; Vulkem 322 DS.

2. Type and Grade: M (multi-component) and NS (non-sag).
3. Class: 25.

4. Uses Related to Exposure: T (traffic) and NT (non-traffic).
5. Uses Related to Joint Substrates: M, G, A, and, as applicable to joint substrates indicated, O.

2.4 SOLVENT-RELEASE JOINT SEALANTS

A. Acrylic-Based Solvent-Release Joint Sealant: Comply with ASTM C 1311 or FS TT-S-00230.

B. Butyl-Rubber-Based Solvent-Release Joint Sealant: Comply with ASTM C 1085.

C. Pigmented Narrow-Joint Sealant Manufacturer's standard, solvent-release-curing, pigmented, synthetic-rubber sealant complying with AAMA 803.3 and formulated for sealing joints 3/16 inch or smaller in width.

2.5 LATEX JOINT SEALANTS

A. Latex Sealant: Comply with ASTM C 834, Type O P, Grade NF.

2.6 ACOUSTICAL JOINT SEALANTS

A. Acoustical Sealant for Exposed and Concealed Joints: Manufacturer's standard non-sag, paintable, non-staining latex sealant complying with ASTM C 834 that effectively reduces airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.

B. Acoustical Sealant for Concealed Joints: Manufacturer's standard, nondrying, non-hardening, non-skinning, non-staining, gunnable, synthetic-rubber sealant recommended for sealing interior concealed joints to reduce airborne sound transmission.

2.7 PREFORMED JOINT SEALANTS

A. Preformed Silicone-Sealant System: Manufacturer's standard system consisting of pre-cured low-modulus silicone extrusion, in sizes to fit joint widths indicated, combined with a neutral-curing silicone sealant for bonding extrusions to substrates.

B. Preformed Foam Sealant: Manufacturer's standard mildew-resistant, non-migratory, non-staining, preformed, pre-compressed, open-cell foam sealant that is manufactured from high-density urethane foam impregnated with a nondrying, water-repellent agent.

2.8 JOINT-SEALANT BACKING

A. General: Provide sealant backings of material and type that are non-staining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.

B. Cylindrical Sealant Backings: ASTM C 1330, Type C (closed-cell material with a surface skin), or as approved in writing by joint-sealant manufacturer for joint application indicated, and of size and density to control sealant depth and otherwise contribute to producing optimum sealant performance:

C. Elastomeric Tubing Sealant Backings: Neoprene, butyl, EPDM, or silicone tubing complying with ASTM D 1056, nonabsorbent to water and gas, and capable of remaining resilient at temperatures down to minus 26 deg F Provide products with low compression set and of size and shape to provide a secondary seal, to control sealant depth, and to otherwise contribute to optimum sealant performance.

D. Bond-Breaker Tape: Polyethylene tape or other plastic tape recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint-filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure. Provide self-adhesive tape where applicable.

2.9 MISCELLANEOUS MATERIALS

A. Primer: Material recommended by joint-sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from pre-construction joint-sealant-substrate tests and field tests.

B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials, free of oily residues or other substances capable of staining or harming joint substrates and adjacent nonporous surfaces in any way, and formulated to promote optimum adhesion of sealants to joint substrates.

C. Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

PART 3 - EXECUTION

3.1 PREPARATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants.

1. Remove all foreign material from joint substrates that could interfere with adhesion of joint sealant.

a. Clean porous joint substrate surfaces by brushing, grinding, blast cleaning, mechanical abrading, or a combination of these methods to produce a clean, sound substrate capable of developing optimum bond with joint sealants. Remove loose particles remaining after cleaning operations above by vacuuming or blowing out joints with oil-free compressed air.

2. Remove laitance and form-release agents from concrete.

a. Clean nonporous surfaces with chemical cleaners or other means that do not stain, harm substrates, or leave residues capable of interfering with adhesion of joint sealants.

B. Joint Priming: Prime joint substrates, where recommended in writing by joint-sealant manufacturer, based on pre-construction joint-sealant-substrate tests or prior experience. Apply primer to comply with joint-sealant manufacturer's written instructions. Confine primers to areas of joint-sealant bond; do not allow spillage or migration onto adjoining surfaces.

C. Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

3.2 INSTALLATION

A. Sealant Installation Standard: Comply with recommendations in ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.

B. Acoustical Sealant Application Standard: Comply with recommendations in ASTM C 919 for use of joint sealants in acoustical applications as applicable to materials, applications, and conditions indicated.

C. Install sealant backings of type indicated to support sealants during application and at position required to produce cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.

1. Do not leave gaps between ends of sealant backings.
2. Do not stretch, twist, puncture, or tear sealant backings.
3. Remove absorbent sealant backings that have become wet before sealant application and replace them with dry materials.

D. Install bond-breaker tape behind sealants where sealant backings are not used between sealants and backs of joints.

E. Install sealants using proven techniques that comply with the following and at the same time backings are installed:

1. Place sealants so they directly contact and fully wet joint substrates.
2. Completely fill recesses in each joint configuration.

3. Produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.

F. Tooling of Non-sag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants according to requirements specified below to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.

1. Remove excess sealant from surfaces adjacent to joints.
2. Use tooling agents that are approved in writing by sealant manufacturer and that do not discolor sealants or adjacent surfaces.
3. Provide concave joint configuration per Figure 5A in ASTM C 1193, unless otherwise indicated.

G. Installation of Preformed Silicone-Sealant System: Comply with manufacturer's written instructions.

H. Installation of Preformed Foam Sealants: Install each length of sealant immediately after removing protective wrapping, taking care not to pull or stretch material, producing seal continuity at ends, turns, and intersections of joints. For applications at low ambient temperatures where expansion of sealant requires acceleration to produce seal, apply heat to sealant in compliance with sealant manufacturer's written instructions.

I. Clean off excess sealant or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved in writing by manufacturers of joint sealants and of products in which joints occur.

END OF SECTION 07920

SECTION 08111 - **STANDARD STEEL DOORS & FRAMES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes standard hollow-metal steel doors and frames.

1.2 SUBMITTALS

A. Product Data: Include construction details, material descriptions, core descriptions, label compliance, fire-resistance rating, fire-resistance and temperature-rise ratings, and finishes for each type of steel door and frame specified.

B. Shop Drawings: Provide a schedule of standard steel doors and frames using same reference numbers for details and openings as those on Drawings.

C. Product test reports.

1.3 DELIVERY, STORAGE, AND HANDLING

A. Deliver doors and frames palletized, wrapped, or crated to provide protection during transit and Project-site storage. Do not use non-vented plastic.

B. Deliver welded frames with two removable spreader bars across bottom of frames, tack welded to jambs and mullions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Steelcraft; an Ingersoll-Rand Company.
2. Ceco Door Products; an ASSA ABLOY Group Company.
3. CURRIES Company; an ASSA ABLOY Group Company

2.2 MATERIALS

A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B; suitable for exposed applications.

B. Hot-Rolled Steel Sheet: ASTM A 1011/A 1011M, Commercial Steel (CS), Type B; free of scale, pitting, or surface defects; pickled and oiled.

C. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum A40 zinc-iron-alloy (galv-annealed) coating designation.

D. Electrolytic Zinc-Coated Steel Sheet: ASTM A 591/A 591M, Commercial Steel (CS), Class B coating; mill phosphatized.

E. Supports and Anchors: After fabricating, galvanize units to be built into exterior walls according to ASTM A 153/A 153M, Class B.

F. Inserts, Bolts, and Fasteners: Provide items to be built into exterior walls, hot-dip galvanized according to ASTM A 153/A 153M.

2.3 STANDARD STEEL FRAMES

A. General: Comply with ANSI A250.8 and with details indicated for type and profile.

B. Interior Frames: Fabricated from cold-rolled steel sheet, unless otherwise indicated to comply with exterior frame requirements.

1. Fabricate frames with mitered or coped and welded face corners and seamless face joints.
2. Fabricate knocked-down frames with mitered or coped corners, for field assembly where indicated.
3. Fabricate knocked-down, drywall slip-on frames for in-place gypsum board partitions.
4. Frames for Borrowed Lights: 0.042-inch-thick steel sheet, unless otherwise indicated.

C. Supports and Anchors: Fabricated from electrolytic zinc-coated or metallic-coated steel sheet.

D. Jamb Anchors: Masonry, stud-wall, compression, or post-installed expansion type; not less than 0.042 inch thick.

E. Floor Anchors: Formed from same material as frames, not less than 0.042 inch thick.

2.4 STOPS AND MOLDINGS

A. Moldings for Glazed Lites in Doors: Minimum 0.032 inch thick, fabricated from same material as door face sheet in which they are installed.

B. Fixed Frame Moldings: Formed integral with standard steel frames, minimum 5/8 inch high, unless otherwise indicated.

C. Loose Stops for Glazed Lites in Frames: Minimum 0.032 inch thick, fabricated from same material as frames in which they are installed.

2.5 FABRICATION

A. General: Fabricate standard steel doors and frames to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant. To ensure proper assembly at Project site, clearly identify work that cannot be permanently factory assembled before shipment.

B. Standard Steel Frames: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.

1. Welded Frames: Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible.
2. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners, unless otherwise indicated.
3. Plaster Guards: Weld guards to frame at back of hardware mortises in frames installed in concrete or masonry.
4. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
5. Jamb Anchors: Locate anchors not more than 18 inches (457 mm) from top and bottom of frame. Space anchors not more than 32 inches (813 mm) o.c.
6. Door Silencers: Except on weather-stripped doors, drill stops to receive door silencers as follows. Provide plastic plugs to keep holes clear during construction.

C. Hardware Preparation: Factory prepare standard steel doors and frames to receive templated mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping, according to the Door Hardware Schedule and templates furnished as specified in Division 8 Section "Door Hardware."

1. Comply with applicable requirements in ANSI A250.6 and ANSI/DHI A115 Series specifications for door and frame preparation for hardware. Locate hardware as indicated on Shop Drawings or, if not indicated, according to ANSI A250.8.

D. Stops and Moldings: Provide stops and moldings around glazed lites where indicated. Form corners of stops and moldings with butted or mitered hairline joints.

1. Provide fixed stops and moldings welded on secure side of door or frame.
2. Provide loose stops and moldings on inside of doors and frames.

2.6 FINISHES

A. Steel Finish: Factory priming for field-painted finish.

1. Shop Primer: Manufacturer's standard, fast-curing, lead- and chromate-free primer complying with ANSI A250.10 acceptance criteria.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Remove welded-in shipping spreaders installed at factory.

B. Provide frames of sizes, thicknesses, and designs indicated. Install standard steel door frames plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.

C. Standard Steel Frames: Install standard steel frames for doors, sidelights, transoms, & borrowed lights and other openings, of size and profile indicated. Comply with SDI 105.

1. Set frames accurately in position; plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is complete, remove temporary braces, leaving surfaces smooth and undamaged.

a. At fire-protection-rated openings, install frames according to NFPA 80.
b. Apply bituminous coating to backs of frames that are filled with mortar, grout, and plaster containing anti-freezing agents.
c. Fit hollow-metal doors accurately in frames. Shim and caulk as necessary.

D. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including standard steel door frames that are warped, bowed, or otherwise unacceptable.

E. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying primer.

END OF SECTION 08111

SECTION 08211 - **FLUSH WOOD DOORS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes solid core doors as follows:

1. Doors with wood-veneer faces and factory finishing to match existing.
2. Factory fitting wood doors to frames and factory machining for hardware.

B. See Division 8 Section 08800 "Glazing" for glass view panels in flush wood doors.

C. See Division 8 Section 08811 “Standard Steel Door Frames” for Interior hollow metal frames.

1.2 SUBMITTALS

A. Product Data: For each type of door indicated. Include factory-finishing specifications.

B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; location and extent of hardware blocking; and other pertinent data.

1. Indicate dimensions and locations of mortises and holes for hardware.
2. Indicate dimensions and locations of cutouts.
3. Indicate requirements for veneer matching.
4. Indicate doors to be factory finished and finish requirements.

1.3 QUALITY ASSURANCE

A. Quality Standard: In addition to requirements specified, comply with AWI's "Architectural Woodwork Quality Standards Illustrated."

1. Doors: Provide sample of at least one fully-installed door with final finishing coat applied.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design: V.T.INDUSTRIES Architectural Wood Doors

2.2 DOOR CONSTRUCTION, GENERAL

A. Low-Emitting Materials: Provide doors made with adhesives and composite wood products that do not contain urea formaldehyde.

B. Adhesives shall be 100% waterproof.

C. Structural-Composite-Lumber-Core Doors:

1. Structural Composite Lumber: WDMA I.S.10.

a. Screw Withdrawal, Face: 700 lbf (3100 N).
b. Screw Withdrawal, Edge: 400 lbf (1780 N).

2.3 VENEERED-FACED DOORS FOR TRANSPARENT FINISH

A. Interior Solid-Core Doors:

1. Grade: Premium, with Grade AA faces.
2. Species: **match existing (VERIFY)**
3. Cut: Plain sliced (flat sliced).
4. Match between Veneer Leaves: Book match.
5. Assembly of Veneer Leaves on Door Faces: Balance match.
6. Pair and Set Match: Provide for doors hung in same opening or separated only by mullions.
7. Core: Either glued wood stave or structural composite lumber.
8. Construction: Five or seven plies. Stiles and rails are bonded to core, then entire unit abrasive planed before veneering.
9. Finish: Factory Finish (clear).

2.4 FABRICATION

A. Factory machine doors for hardware that is not surface applied.

B. Openings: Cut and trim openings through doors in factory.

1. Light Openings: **Trim openings with wood moldings** of material and profile to match existing. Provide radiused trims.
2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Division 8 Section "Glazing."

PART 3 - EXECUTION

3.1 INSTALLATION

A. Hardware: For installation, see Division 8 Section "Door Hardware."

B. Installation Instructions: Install doors to comply with manufacturer's written instructions and the referenced quality standard, and as indicated.

C. Job-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels; do not trim stiles and rails in excess of limits set by manufacturer. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.

1. Clearances: Provide 1/8 inch (3.2 mm) at heads, jambs, and between pairs of doors. Provide 1/4 inch (3.2 mm) from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide 1/4 inch (6.4 mm) from bottom of door to top of threshold unless otherwise indicated.

2. Consult Mechanical Plans for 1 inch air return undercuts.

END OF SECTION 08211

SECTION 08313 - **ACCESS DOORS AND FRAMES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes access doors and frames for walls and ceilings as required.

1.2 SUBMITTALS

A. Product Data: For each type of access door and frame indicated.

B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

C. Samples: For each door face material in specified finish.

D. Schedule: Types, locations, sizes, latching or locking provisions, and other data pertinent to installation.

1.3 QUALITY ASSURANCE

A. Fire-Rated Access Doors and Frames: Units complying with NFPA 80 that are identical to assemblies tested for fire-test-response characteristics per the following test method and that are listed and labeled by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:

1. NFPA 252 or UL 10B for vertical access doors and frames.
2. ASTM E 119 or UL 263 for horizontal access doors and frames.

1.4 COORDINATION

A. Verification: Determine specific locations and sizes for access doors needed to gain access to concealed plumbing, mechanical, or other concealed work, and indicate in the schedule specified in "Submittals" Article.

PART 2 - PRODUCTS

2.1 STEEL MATERIALS

A. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.

1. ASTM A 123/A 123M, for galvanizing steel and iron products.

2. ASTM A 153/A 153M, for galvanizing steel and iron hardware.

B. Steel Sheet: Electrolytic zinc-coated, ASTM A 591/A 591M with cold-rolled steel sheet substrate complying with ASTM A 1008/A 1008M, Commercial Steel (CS), exposed.

C. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS) with A60 (ZF180) zinc-iron-alloy (galvannealed) coating or G60 (Z180) mill-phosphatized zinc coating.

D. Steel Finishes: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

1. Factory-Primed Finish: Manufacturer's standard shop primer.

E. Drywall Beads: 0.0299-inch (0.76-mm) zinc-coated steel sheet to receive joint compound.

2.2 ACCESS DOORS AND FRAMES FOR WALLS AND CEILINGS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Acudor Products, Inc.
2. Babcock-Davis; A Cierra Products Co.
3. Bar-Co, Inc. Div.; Alfab, Inc.
4. Cendrex Inc.
5. Dur-Red Products.
6. Elmdor/Stoneman; Div. of Acorn Engineering Co.
7. Jensen Industries.
8. J. L. Industries, Inc.
9. Karp Associates, Inc.
10. Larsen's Manufacturing Company.
11. MIFAB, Inc.
12. Milcor Inc.
13. Nystrom, Inc.
14. Williams Bros. Corporation of America (The).

C. Flush Access Doors and Frames with Exposed Trim: Fabricated from metallic-coated steel sheet.

1. Locations: Wall and ceiling.
2. Door: Minimum 0.060-inch- thick sheet metal.
3. Frame: Minimum 0.060-inch- thick sheet metal with 1-1/4-inch wide, surface-mounted trim.
4. Hinges: Continuous piano.

5. Latch: Cam latch with interior release.

D. Fire-Rated, Insulated, Flush Access Doors and Frames with Exposed Trim: Fabricated from steel sheet.

1. Locations: Wall and ceiling surfaces.
2. Fire-Resistance Rating: Not less than that of adjacent construction.
3. Temperature Rise Rating: 250 deg F (139 deg C) at the end of 30 minutes.
4. Door: Flush panel with a core of mineral-fiber insulation enclosed in sheet metal with a minimum thickness of 0.036 inch (0.9 mm)
5. Frame: Minimum 0.060-inch- (1.5-mm-) thick sheet metal with 1-inch (25-mm-) wide, surface-mounted trim.
6. Hinges: Continuous piano.
7. Automatic Closer: Spring type.
8. Latch: Self-latching device operated by flush key or ring turn with interior release.

E. Hardware: Provide the following:

1. Hinges: Heavy-duty, stainless-steel butt hinges with stainless-steel pins.
2. Latch: Stainless-steel slam latch.
3. Hardware Material: Manufacturer's standard Stainless steel, including latch and lifting mechanism assemblies, hold-open arms, and all brackets, hinges, pins, and fasteners.

2.3 FABRICATION

A. General: Provide access door and frame assemblies manufactured as integral units ready for installation.

B. Metal Surfaces: For metal surfaces exposed to view, provide materials with smooth, flat surfaces without blemishes to receive paint.

C. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish attachment devices and fasteners of type required to secure access panels to types of supports indicated.

D. Recessed Access Doors: Form face of panel to provide recess for application of applied finish. Reinforce panel as required to prevent buckling.

E. Latching Mechanisms: Furnish number required to hold doors in flush, smooth plane when closed.

1. For cylinder lock, furnish two keys per lock and key all locks alike.
2. For recessed panel doors, provide access sleeves for each locking device. Furnish plastic grommets and install in holes cut through finish.

F. Epoxy Coating: After fabrication, apply 4 Mil epoxy coating on steel frame that will come in contact with concrete.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Comply with manufacturer's written instructions for installing access doors and frames.

B. Set frames accurately in position and attach securely to supports with plane of face panels aligned with adjacent finish surfaces.

C. Install doors flush with adjacent finish surfaces or recessed to receive finish material.

3.2 ADJUSTING AND CLEANING

A. Adjust doors and hardware after installation for proper operation.

B. Remove and replace doors and frames that are warped, bowed, or otherwise damaged.

END OF SECTION 083113

SECTION 08411 - **ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Interior & Exterior storefront window and door framing.

PERFORMANCE REQUIREMENTS

A. General Performance: Aluminum-framed systems shall withstand the effects of the following performance requirements without exceeding performance criteria or failure due to defective manufacture, fabrication, installation, or other defects in construction:

2. Movements of supporting structure indicated on Drawings including, but not limited to, story drift and deflection from uniformly distributed and concentrated live loads.
3. Dimensional tolerances of building frame and other adjacent construction.
4. Failure includes the following:

a. Deflection exceeding specified limits.
b. Thermal stresses transferring to building structure.
c. Framing members transferring stresses, including those caused by thermal and structural movements to glazing.
d. Noise or vibration created by wind and by thermal and structural movements.
e. Loosening or weakening of fasteners, attachments, and other components.
f. Failure of operating units.

B. Deflection of Framing Members:

1. Deflection Normal to Wall Plane: Limited to edge of glass in a direction perpendicular to glass plane shall not exceed L/175 of the glass edge length for each individual glazing lite or an amount that restricts edge deflection of individual glazing lites to 3/4 inch (19 mm), whichever is less.
2. Deflection Parallel to Glazing Plane: Limited to amount not exceeding that which reduces glazing bite to less than 75 percent of design dimension and that which reduces edge clearance between framing members and glazing or other fixed components directly below them to less than 1/8 inch (3.2 mm) and clearance between members and operable units directly below them to less than 1/16 inch (1.5 mm).

C. Structural-Test Performance: Provide aluminum-framed systems tested according to ASTM E 330 as follows:

1. When tested at 150 percent of positive and negative wind-load design pressures, systems, including anchorage, do not evidence material failures, structural distress, and permanent deformation of main framing members exceeding 0.2 percent of span.
2. Test Durations: 10 seconds.

D. Air Infiltration: Provide aluminum-framed systems with maximum air leakage through fixed glazing and framing areas of 0.06 cfm/sq. ft. (0.03 L/s per sq. m) of fixed wall area when tested according to ASTM E 283 at a minimum static-air-pressure difference of 6.24 lbs./sq. ft. (300 Pa).

E. Water Penetration under Static Pressure: Provide aluminum-framed systems that do not evidence water penetration through fixed glazing and framing areas when tested according to ASTM E 331 at a minimum static-air-pressure difference of 20 percent of positive wind-load design pressure, but not less than 6.24 lbs./sq. ft. (300 Pa).

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: For aluminum-framed systems. Include plans, elevations, sections, details, and attachments to other work.

1. Include details of provisions for system expansion and contraction and for drainage of moisture in the system to the exterior.

C. Samples: For each type of exposed finish required.

D. Product test reports.

E. Field quality-control reports.

F. Maintenance data.

G. Warranties: Sample of special warranties.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.

B. Testing Agency Qualifications: Qualified according to ASTM E 699 for testing indicated.

C. Engineering Responsibility: Prepare data for aluminum-framed systems, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in systems similar to those indicated for this Project.

D. Product Options: Information on Drawings and in Specifications establishes requirements for systems' aesthetic effects and performance characteristics. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction. Performance characteristics are indicated by criteria subject to verification by one or more methods including preconstruction testing, field testing, and in-service performance.

E. Source Limitations for Aluminum-Framed Systems: Obtain from single source from single manufacturer.

F. Pre-installation Conference: Conduct conference at Project site.

1.4 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of aluminum-framed systems that do not comply with requirements or that fail in materials or workmanship within specified warranty period.

1. Warranty Period: **10** years from date of Substantial Completion.

B. Special Finish Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components on which finishes do not comply with requirements or that fail in materials or workmanship within specified warranty period. Warranty does not include normal weathering.

1. Warranty Period: **10** years from date of Substantial Completion.

PART 2 - PRODUCTS

A. Match existing storefront system for all new interior window frames.

2.1 MATERIALS

A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.

1. Sheet and Plate: ASTM B 209 (ASTM B 209M).
2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221 (ASTM B 221M).
3. Extruded Structural Pipe and Tubes: ASTM B 429.
4. Structural Profiles: ASTM B 308/B 308M.

2.2 FRAMING SYSTEMS

A. Framing Members: Manufacturer's standard extruded-aluminum framing members of thickness required and reinforced as required to support imposed loads.

1. Construction: Thermally broken.

2. Glazing System: Retained mechanically with gaskets on four sides.
3. Glazing Plane: Center.

B. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with non-staining, nonferrous shims for aligning system components.

C. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, non-staining, non-bleeding fasteners and accessories compatible with adjacent materials.

1. Use self-locking devices where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration.
2. Reinforce members as required to receive fastener threads.
3. Use exposed fasteners with countersunk Phillips screw heads, fabricated from stainless steel.

D. Concrete and Masonry Inserts: Hot-dip galvanized cast-iron, malleable-iron, or steel inserts, complying with ASTM A 123/A 123M or ASTM A 153/A 153M.

E. Concealed Flashing: Manufacturer's standard corrosion-resistant, non-staining, non-bleeding flashing compatible with adjacent materials.

F. Framing System Gaskets and Sealants: Manufacturer's standard, recommended by manufacturer for joint type.

1. Provide sealants for use inside of the weatherproofing system that have a VOC content of 250 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

2.3 GLAZING SYSTEMS

A. Glazing: As specified in Division 8 Section "Glazing."

B. Glazing Gaskets: Manufacturer's standard compression types; replaceable, molded or extruded, of profile and hardness required to maintain watertight seal.

C. Spacers and Setting Blocks: Manufacturer's standard elastomeric type.

2.4 FABRICATION

A. Form or extrude aluminum shapes before finishing.

B. Weld in concealed locations to greatest extent possible to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.

C. Framing Members, General: Fabricate components that, when assembled, have the following characteristics:

1. Profiles that are sharp, straight, and free of defects or deformations.

2. Accurately fitted joints with ends coped or mitered.
3. Means to drain water passing joints, condensation within framing members, and moisture migrating within the system to exterior.
4. Physical and thermal isolation of glazing from framing members.
5. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.
6. Provisions for field replacement of glazing from the exterior.
7. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.

D. Entrance Door Frames: Reinforce as required to support loads imposed by door operation and for installing entrance door hardware. Fit to existing door. Field verify exact size prior to fabrication.

E. Entrance Doors: Reinforce doors as required for installing entrance door hardware.

F. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.5 ALUMINUM FINISHES

A. Match Existing Black Anodized Aluminum Finish.

PART 3 - EXECUTION

3.1 INSTALLATION

A. General:

1. Comply with manufacturer's written instructions.
2. Do not install damaged components.
3. Fit joints to produce hairline joints free of burrs and distortion.
4. Rigidly secure non-movement joints.
5. Install anchors with separators and isolators to prevent metal corrosion and electrolytic deterioration.
6. Seal joints watertight unless otherwise indicated.

B. Metal Protection:

1. Where aluminum will contact dissimilar metals, protect against galvanic action by painting contact surfaces with primer or applying sealant or tape, or by installing nonconductive spacers as recommended by manufacturer for this purpose.
2. Where aluminum will contact concrete or masonry, protect against corrosion by painting contact surfaces with bituminous paint.

C. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within the system to exterior.

D. Set continuous sill members and flashing in full sealant bed as specified in Division 7 Section "Joint Sealants" to produce weathertight installation.

E. Install components plumb and true in alignment with established lines and grades, and without warp or rack.

F. Install glazing as specified in Division 8 Section "Glazing."

G. Entrance Doors: Install doors to produce smooth operation and tight fit at contact points.

1. Exterior Doors: Install to produce weathertight enclosure and tight fit at weather stripping.

3.2 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified independent testing and inspecting agency to perform field tests and inspections.

B. Testing Services: Testing and inspecting of representative areas to determine compliance of installed systems with specified requirements shall take place as follows. Do not proceed with installation of the next area until test results for previously completed areas show compliance with requirements.

1. Water Spray Test: Before installation of interior finishes has begun, areas designated by Architect shall be tested according to AAMA 501.2 and shall not evidence water penetration.

a. Test Area: Entire installation shall be tested.

C. Repair or remove work if test results and inspections indicate that it does not comply with specified requirements.

D. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

E. Aluminum-framed assemblies will be considered defective if they do not pass tests and inspections.

F. Prepare test and inspection reports.

END OF SECTION 08411

SECTION 08710
DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Hardware for wood and hollow steel doors.

B. Hardware for fire-rated doors.

C. Electrically operated and controlled hardware.

D. Lock cylinders for doors for which hardware is specified in other sections.

E. Thresholds.

F. Weatherstripping, seals and door gaskets.

G. Gate locks.

H. Mock-up, See General Requirements.

1.02 RELATED REQUIREMENTS

A. Section 08 11 13 - Hollow Metal Doors and Frames.

B. Section 08 12 13 - Hollow Metal Frames.

C. Section 08 14 16 - Flush Wood Doors.

D. Section 28 31 05 - Fire Alarm System Equipment: Electrical connection to activate door closers.

1.03 REFERENCE STANDARDS

A. 36 CFR 1191 - Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities; Final Rule; current edition; (ADA Standards for Accessible Design).

B. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council; 2009.

C. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2013.

D. BHMA A156.1 - American National Standard for Butts and Hinges; Builders Hardware Manufacturers Association, Inc.; 2006 (ANSI/BHMA A156.1).

E. BHMA A156.2 - American National Standard for Bored and Preassembled Locks & Latches; Builders Hardware Manufacturers Association; 2011 (ANSI/BHMA A156.2).

F. BHMA A156.3 - American National Standard for Exit Devices; Builders Hardware Manufacturers Association; 2008 (ANSI/BHMA A156.3).

G. BHMA A156.4 - American National Standard for Door Controls - Closers; Builders Hardware Manufacturers Association, Inc.; 2008 (ANSI/BHMA A156.4).

H. BHMA A156.5 - Cylinders and Input Devices for Locks; Builders Hardware Manufacturers Association; 2010 (ANSI/BHMA A156.5).

I. BHMA A156.6 - American National Standard for Architectural Door Trim; Builders Hardware Manufacturers Association; 2010 (ANSI/BHMA A156.6).

J. BHMA A156.7 - American National Standard for Template Hinge Dimensions; Builders Hardware Manufacturers Association; 2003 (ANSI/BHMA A156.7).

K. BHMA A156.8 - American National Standard for Door Controls - Overhead Stops and Holders; Builders Hardware Manufacturers Association, Inc.; 2010 (ANSI/BHMA A156.8).

L. BHMA A156.9 - American National Standard for Cabinet Hardware; Builders Hardware Manufacturers Association; 2010 (ANSI/BHMA A156.9).

M. BHMA A156.15 - American National Standard for Release Devices - Closer Holder, Electromagnetic and Electromechanical; Builders Hardware Manufacturers Association; 2011 (ANSI/BHMA A156.15).

N. BHMA A156.16 - American National Standard for Auxiliary Hardware; Builders Hardware Manufacturers Association; 2008 (ANSI/BHMA A156.16).

O. BHMA A156.17 - American National Standard for Self Closing Hinges & Pivots; Builders Hardware Manufacturers Association, Inc.; 2004 (ANSI/BHMA A156.17).

P. BHMA A156.18 - American National Standard for Materials and Finishes; Builders Hardware Manufacturers Association, Inc.; 2012 (ANSI/BHMA A156.18).

Q. BHMA A156.21 - American National Standard for Thresholds; Builders Hardware Manufacturers Association; 2009 (ANSI/BHMA A156.21).

R. BHMA A156.22 - American National Standard for Door Gasketing and Edge Seal Systems, Builders Hardware Manufacturers Association; 2012 (ANSI/BHMA A156.22).

S. BHMA A156.115 - Hardware Preparation in Steel Doors and Steel Frames; 2006.

T. BHMA A156.115W - Hardware Preparation in Wood Doors with Wood or Steel Frames; 2006.

U. DHI (LOCS) - Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames; Door and Hardware Institute; 2004.

V. DHI WDHS.3 - Recommended Locations for Architectural Hardware for Flush Wood Doors; Door and Hardware Institute; 1993; also in WDHS-1/WDHS-5 Series, 1996.

W. ITS (DIR) - Directory of Listed Products; Intertek Testing Services NA, Inc.; current edition.

X. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2013.

Y. NFPA 101 - Life Safety Code; National Fire Protection Association; 2012.

Z. UL (BMD) - Building Materials Directory; Underwriters Laboratories Inc.; current edition.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the manufacture, fabrication, and installation of products onto which door hardware will be installed.

B. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.

C. Convey Owner's keying requirements to manufacturers.

D. Preinstallation Meeting: Convene a mandatory preinstallation meeting one week prior to commencing work of this section; require attendance by all affected installers.

E. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project.

C. Hardware Schedule: Detailed in DHI Vertical format listing of each item of hardware to be installed on each door. Use door numbering scheme as included in the Contract Documents. Identify electrically operated items and include power requirements.

D. Keying Schedule: Submit for approval of Owner.

E. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

F. Project Record Documents: Record actual locations of concealed equipment, services, and conduit.

G. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.
   1. Submit manufacturer's parts lists and templates.
   2. Bitting List: List of combinations as furnished.

H. Keys: Deliver with identifying tags to Owner by security shipment direct from hardware supplier.

I. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

J. Maintenance Materials and Tools: Furnish the following for Owner's use in maintenance of project.
   1. See Section 01 60 00 - Product Requirements, for additional provisions.
   2. Tools: One set of all special wrenches or tools applicable to each different or special hardware component, whether supplied by the hardware component manufacturer or not.
   3. Upon completion of the project, provide one owners manual consisting of a copy of the final hardware schedule with approved keying schedule, installation instructions, operating instructions, manufacturers addresses, maintenance data and any special tools required for the project hardware.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

B. Hardware Supplier Qualifications: Company specializing in supplying commercial door hardware with 5 years of experience.

C. Hardware Supplier Personnel: Employ an Architectural Hardware Consultant (AHC) to assist in the work of this section.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

B. Deliver hardware f.o.b. jobsite (street address) to contractors authorized agent to transfer legal possession. Furnish in manufacturers original packaging, clearly marked to correlate with the hardware schedule.

C. Contractor shall provide secure storage of ample space for all project hardware. Distribution of hardware shall be strictly controlled to prevent loss or damage. Required replacement of lost or damaged items will be the responsibility of the contractor.

1.08 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. All hardware to be warranted against defects in materials and workmanship by the manufacturer for a period of two year from the date of occupancy. Provide extended warranty for following products:
   1. Locksets……10 years
   2. Mechanical panic devices …. 3 years
   3. Manual closers …….. 30 years
   4. Electric products …… … 1 year

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Products of manufacturers are shown as No-Substitute products, Owner Standards.

2.02 DOOR HARDWARE - GENERAL

A. Provide all hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.

B. Provide all items of a single type of the same model by the same manufacturer.

C. Provide products that comply with the following:
   1. Applicable provisions of federal, state, and local codes.
   2. ADA Standards for Accessible Design.

3. ANSI/ICC A117.1, American National Standard for Accessible and Usable Buildings and Facilities.
4. Applicable provisions of NFPA 101, Life Safety Code.
5. Fire-Rated Doors: NFPA 80.
6. All Hardware on Fire-Rated Doors: Listed and classified by UL as suitable for the purpose specified and indicated.
7. Hardware for Smoke and Draft Control Doors (Indicated as "S" on Drawings): Provide hardware that enables door assembly to comply with air leakage requirements of the applicable code.
8. Products Requiring Electrical Connection: Listed and classified by UL as suitable for the purpose specified and indicated.

D. Function: Lock and latch function numbers and descriptions of manufactures series as listed in hardware schedule.

E. Electrically Operated and/or Controlled Hardware: Provide all power supplies, power transfer hinges, relays, and interfaces required for proper operation; provide wiring between hardware and control components and to building power connection.

F. Finishes: Identified in schedule.

G. Finishes: All door hardware the same finish unless otherwise indicated.
1. Primary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
2. Secondary Finish: Or satin stainless steel (BHMA 630) as noted in the hardware sets.
3. Finish Definitions: BHMA A156.18.
4. Exceptions:
   a. Where base metal is specified to be different, provide finish that is an appearance equivalent according to BHMA A156.18 Plated.
   b. Hinges for Fire-Rated Doors: Steel base metal with painted finish.
   c. Door Closer Covers and Arms: Color as indicated in sets.
   d. Aluminum Surface Trim and Gasket Housings: Anodized to match door, not to match other hardware.
   e. Hardware for Aluminum Storefront Doors: Finished to match door, except hand contact surfaces to be satin stainless steel.

H. Fasteners:
1. Mineral Core Wood Doors: Sex bolts.
2. Concrete and Masonry Substrates: Stainless steel machine screws and lead expansion shields.

2.03 HINGES

A. Hinges: Provide hinges on every swinging door. Pivots at Exterior Aluminum openings.
1. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
2. Provide ball-bearing hinges at all doors having closers.
3. Provide hinges in the quantities indicated.
5. Provide non-removable pins on outswinging interior doors at all doors with a lockset.
6. Where electrified hardware is mounted in door leaf, provide power transfer.

B. Butt Hinges: Comply with BHMA A156.1 and A156.7; heavy weight, unless otherwise indicated.
1. Provide hinge width required to clear surrounding trim.

C. Quantity of Hinges Per Door:
1. Doors up to 60 inches High: Two hinges.
2. Doors From 60 inches High up to 90 inches High: Three hinges.
3. Doors 90 inches High up to 120 inches High: Four hinges.
4. Doors over 120 inches High: One additional hinge per each additional 30 inches in height.
5. Dutch Doors: Two hinges each leaf.

D. Manufacturers - Hinges:
1. Stanley, Hager, Ives

2.04 LOCKS AND LATCHES

A. Locks: Provide a lock for every door, unless specifically indicated as not requiring locking.
   1. Hardware Sets indicate locking functions required for each door.
   2. If no hardware set is indicated for a swinging door provide an office lockset.
   3. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim.
   4. Lock Cylinders: Provide key access on outside of all locks unless specifically stated to have no locking or no outside trim. Best – Owners standards.
      a. Final cores must be Deliverd by registered service to Facilities Manager: Owner to install final cores.
   5. In door sections, where a lock cylinder referenced to Section 08 71 00 is specified, furnish and install a mortise lock cylinder construction keyed to the building.
   6. Provide brass construction cores during construction period. Construction cores to be returned to supplier after final cores are installed by owner.

B. Electrically Operated Locks: Fail secure unless otherwise indicated.

C. Keying: Grand master keyed.
   1. Key to existing **Best Cormax** keying system. **No Substitution.**
   2. Supply keys in the following quantities:
      a. 10 ea Construction keys.
      b. 6 ea Master keys.
      c. 1 ea construction control keys and 2 ea control keys (by owner).
      d. 3 ea change keys per lock.
   3. When providing keying information, comply with DHI Handbook "Keying systems and nomenclature".

2.05 CYLINDRICAL LOCKSETS

A. Locking Functions: As defined in BHMA A156.2, and as follows:
   1. Passage: No locking, always free entry and exit.
   2. Privacy: emergency tool unlocks.
   3. Office: Grade 1, key not required to lock, thumbturn button.
   4. Storeroom Always-Locked: key required to lock, may not be left unlocked.

B. Manufacturers - Locksets:
   1. Best 9K No substitutions - owner's standard.

2.06 FLUSHBOLTS

A. Flushbolts: Lever extension bolts in leading edge of door, one bolt into floor, one bolt into top of frame.
   1. Pairs of Swing Doors: At inactive leaves, provide flush bolts of type as required to comply with code.
   1. Ives: Owner's prior approval.

2.07 EXIT DEVICES

A. Locking Functions: Functions as defined in BHMA A156.3, and as follows:
   1. Entry/Exit, Always-Unlocked: Outside lever unlocked, no outside key access, no latch holdback.
   2. Entry/Exit, Free Swing: Key outside retracts latch, latch holdback (dogging) for free swing during occupied hours, not fire-rated; outside trim must be specified as lever or pull.
   3. Entry/Exit, Always-Latched: Key outside locks and unlocks lever, no latch holdback (dogging).

4. Entry/Exit, Always-Locked: Key outside retracts latchbolt but does not unlock lever, no latch holdback.
5. Exit Only, Secure: No outside trim, no key entry, no latch holdback, deadlocking latchbolt.

B. Manufacturers:
1. Von Duprin, Precision - owner's standard.

2.08 CLOSERS

A. Closers: Complying with BHMA A156.4.
1. Provide surface-mounted, door-mounted closers unless otherwise indicated.
2. Provide through bolts on every door, Mandatory by Owner Standards.
3. Provide a door closer on every fire- and smoke-rated door. Spring hinges are not an acceptable self-closing device unless specifically so indicated.
4. On pairs of swinging doors, if an overlapping astragal is present, provide coordinator to ensure the leaves close in proper order. No cutting of astragal for strikes allowed per Owner requirements.
5. At corridors, locate door-mounted closer on room side of door.
6. At outswinging exterior doors, mount closer in inside of door.

B. Manufacturers - Closers:
1. LCN, Stanley – owner's standard

2.09 STOPS AND HOLDERS

A. Stops: Complying with BHMA A156.8; provide a stop for every swinging door, unless otherwise indicated.
1. Provide wall stops, unless otherwise indicated.
2. If wall stops are not practical, due to configuration of room or furnishings, provide overhead stop.
3. Ives: – Owner's prior approval.

2.10 GASKETING AND THRESHOLDS

A. Gaskets: Complying with BHMA A156.22.
1. On each door in smoke partition, provide smoke gaskets; top, sides, and meeting stile of pairs. If fire/smoke partitions are not indicated on drawings, provide smoke gaskets on each door identified as a "smoke door" and 20-minute rated fire doors.
2. On each exterior door, provide weatherstripping gaskets, unless otherwise indicated; top, sides, and meeting stiles of pairs.
a. Where exterior door is also required to have fire or smoke rating, provide gaskets functioning as both smoke and weather seals.
3. On each exterior door, provide door bottom sweep, unless otherwise indicated.
4. On doors indicated as "sound-rated", "acoustical", or with an STC rating, provide sound-rated gaskets and automatic door bottom; make gaskets completely continuous, do not cut or notch gaskets for installation.
5. On doors indicated as "lightproof", provide gaskets similar to smoke gaskets.
6. Drip Guard: Provide projecting drip guard over all exterior doors unless they are under a projecting roof or canopy.

B. Thresholds:
1. At each exterior door, provide a threshold unless otherwise indicated.
2. Field cut threshold to frame for tight fit. Sealant as indicated by Architect.

C. Fasteners At Exterior Locations: Non-corroding.

D. Manufacturers - Gasketing and Thresholds:
1. Zero, Pemko, NGP Owner's prior approval.

2.11 PROTECTION PLATES AND ARCHITECTURAL TRIM

A. Protection Plates:
   1. Kickplate: Provide on push side of every door as scheduled.
   2. Armor Plates: Provide on push side of every door as scheduled.

B. Manufacturers - Protection Plates and Architectural Trim:
   1. Ives: Owner's prior approval.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that doors and frames are ready to receive work; labeled, fire-rated doors and frames are present and properly installed, and dimensions are as indicated on shop drawings.

B. Verify that electric power is available to power operated devices and of the correct characteristics.

3.02 INSTALLATION

A. Install hardware in accordance with manufacturer's instructions and applicable codes.

B. Use templates provided by hardware item manufacturer.

C. Do not install surface mounted items until finishes applied to substrate are complete.

D. Install hardware on fire-rated doors and frames in accordance with code and NFPA 80.

E. Mounting heights for hardware from finished floor to center line of hardware item: as listed here. Match Existing
   1. For steel doors and frames: Comply with DHI "Recommended Locations for Architectural Hardware for Steel Doors and Frames." and in compliance with the American Disabilitiers Act (ADA).
   2. For steel doors and frames: See Section 08 11 13.
   3. For wood doors: Comply with DHI "Recommended Locations for Architectural Hardware for Wood Flush Doors."
   4. Wood doors: See Section 08 14 16.

3.03 FIELD QUALITY CONTROL

A. Field inspection and testing will be performed under provisions of Section 01 40 00.

B. Provide an Architectural Hardware Consultant to inspect installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer's instructions and as specified.

3.04 ADJUSTING

A. Adjust work under provisions of Section 01 70 00.

B. Adjust hardware for smooth operation.

C. Adjust gasketing for complete, continuous seal; replace if unable to make complete seal.

3.05 CLEANING

A. Clean adjacent surfaces soiled by hardware installation. Clean finished hardware per manufacturer's instructions after final adjustments has been made. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.

3.06 PROTECTION

A. Protect finished Work under provisions of Section 01 70 00.

B. Do not permit adjacent work to damage hardware or finish.

3.07 HARDWARE SETS

A. While the following hardware sets are intended to cover all doors, and establish a type and standard of quality, it is the responsibility of the hardware supplier to examine the plans and specifications and furnish proper hardware for all openings. The hardware supplier shall review the entire specification versus the door schedule and notify the architect of any errors, inconsistencies, or omissions during the bid period.

3.08 PROJECT INFO

A. OPT0228505, V2, 09.03.2021

= Hardware Item Requiring Electrical Coordination

HARDWARE GROUP NO. 01

For use on Door #(s):

101

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER			FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5			652	IVE
3	EA	HINGE	5BB1HW 5 X 4.5 NRP			630	IVE
1	EA	ELECTRIC STRIKE	9600			630	HES
1	EA	PANIC DEVICE	99-L-06			626	VON
1	EA	RIM CYLINDER	1E72-AS REQ			626	BES
1	EA	CORE AS REQUIRED	MEDECO			613	MED
1	EA	CLOSER	4040XP EDA TBWMS			689	LCN
2	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS			630	IVE
1	EA	FLOOR STOP	FS18S			BLK	IVE
1	EA	RAIN DRIP	142AA			AA	ZER
1	EA	WEATHERSTRIP	8303AA			AA	ZER
1	EA	SWEEP	39A			A	ZER
1	EA	THRESHOLD	546A-223			A	ZER
1	EA	CARD READER	BY SECURITY (ASSI)				
1	EA	DOOR CONTACT	BY SECURITY (ASSI)				
1	EA	REQUEST TO EXIT	BY SECURITY (ASSI)				
1	EA	POWER	BY SECURITY (ASSI)				
1	EA	WIRING DIAGRAMS	ELEVATION 1006				VON

-DOOR NORMALLY CLOSED AND LOCKED
-PRESENT VALID CREDENTIAL TO READER OR KEY OVERRIDE FOR ENTRY.
-FREE EGRESS AT ALL TIMES
-RX TO SHUNT DOOR CONTACT UPON EGRESS.
-FAIL SECURE

HARDWARE GROUP NO. 02
For use on Door #(s):
102
Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER			FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 NRP			652	IVE
1	EA	ELECTRIC STRIKE	9600			630	HES
2	EA	KICK PLATE	8400 12" X 2" LDW B-CS			630	IVE
1	EA	WALL STOP	WS401/402CVX			626	IVE
3	EA	SILENCER	SR64			GRY	IVE
1	EA	CARD READER	BY SECURITY (ASSI)				
1	EA	DOOR CONTACT	BY SECURITY (ASSI)				
1	EA	REQUEST TO EXIT	BY SECURITY (ASSI)				
1	EA	POWER	BY SECURITY (ASSI)				
1	EA	WIRING DIAGRAMS	ELEVATION 1006				VON

-DOOR NORMALLY CLOSED AND LOCKED
-PRESENT VALID CREDENTIAL TO READER OR KEY OVERRIDE FOR ENTRY.
-FREE EGRESS AT ALL TIMES
-RX TO SHUNT DOOR CONTACT UPON EGRESS.
-FAIL SECURE
REUSE EXISTING DOOR, FRAME, PANIC DEVICE AND CLOSER

HARDWARE GROUP NO. 03
For use on Door #(s):
103 104
Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	PUSH PLATE	8200 6" X 16"		630	IVE
1	EA	PULL PLATE	8303 10" 4" X 16"		630	IVE
1	EA	HO CLOSER	4040XP HEDA TBWMS		689	LCN
2	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS401/402CVX		626	IVE

HARDWARE GROUP NO. 04

For use on Door #(s):

105

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER			FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP			652	IVE
1	EA	POWER TRANSFER	EPT10			689	VON
1	EA	DELAYED PANIC HARDWARE	CX99-EO			626	VON
1	EA	MORTISE CYLINDER	1E74-AS REQ			626	BES
1	EA	CLOSER	4040XP EDA TBWMS			689	LCN
1	EA	KICK PLATE	8400 12" X 2" LDW B-CS			630	IVE
1	EA	FLOOR STOP	FS18S			BLK	IVE
1	EA	WEATHERSTRIP	8303AA			AA	ZER
1	EA	SWEEP	39A			A	ZER
1	EA	THRESHOLD	546A-223			A	ZER
1	EA	CARD READER	BY SECURITY (ASSI)				
1	EA	DOOR CONTACT	BY SECURITY (ASSI)				
1	EA	REQUEST TO EXIT	BY SECURITY (ASSI)				
1	EA	POWER	BY SECURITY (ASSI)				
1	EA	WIRING DIAGRAMS	ELEVATION 5001				VON

-DOOR NORMALLY CLOSED AND LOCKED DELAYED EGRESS.
-15 SECOND DELAY ALARM WILL SOUND IF VALID CREDENTIAL NOT USED TO EGRESS.
-EXIT ONLY NO OUTSIDE ENTRY. IN A FIRE ALARM NO DELAY FREE EGRESS.
-MORTISE CYLINDER TO SHUT OFF AND RESET ALARM.

HARDWARE GROUP NO. 05

For use on Door #(s):

106

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER			FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5			652	IVE
1	EA	ELECTRIC STRIKE	8500 AS REQUIRED			630	HES
1	EA	STORAGE LOCK	9K37D 15D S3			626	BES
2	EA	KICK PLATE	8400 12" X 2" LDW B-CS			630	IVE
3	EA	SILENCER	SR64			GRY	IVE
1	EA	CARD READER	BY SECURITY (ASSI)				
1	EA	DOOR CONTACT	BY SECURITY (ASSI)				
1	EA	REQUEST TO EXIT	BY SECURITY (ASSI)				
1	EA	POWER	BY SECURITY (ASSI)				
1	EA	WIRING DIAGRAMS	ELEVATION 1004				VON

-DOOR NORMALLY CLOSED AND LOCKED
-PRESENT VALID CREDENTIAL TO READER OR KEY OVERRIDE FOR ENTRY.
-FREE EGRESS AT ALL TIMES
-RX TO SHUNT DOOR CONTACT UPON EGRESS.
-FAIL SECURE
REUSE EXISTING DOOR, FRAME AND CLOSER

HARDWARE GROUP NO. 06

For use on Door #(s):

107

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5		652	IVE
1	EA	OFFICE LOCK	9K37AB 15D S3		626	BES
2	EA	KICK PLATE	8400 12" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS401/402CCV		626	IVE
1	EA	SEALS	BY FRAME SUPPLIER			

HARDWARE GROUP NO. 07

For use on Door #(s):

108

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5		652	IVE
1	EA	STORAGE LOCK	9K37D 15D S3		626	BES
1	EA	KICK PLATE	8400 12" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS401/402CVX		626	IVE
3	EA	SILENCER	SR64		GRY	IVE

REUSE EXISTING DOOR, FRAME AND CLOSER

HARDWARE GROUP NO. 08

For use on Door #(s):

109

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER			FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP			652	IVE
1	EA	ELECTRIC STRIKE	8500 AS REQUIRED			630	HES
1	EA	STORAGE LOCK	9K37D 15D S3			626	BES
1	EA	LOCK GUARD	LG14			630	IVE
1	EA	CLOSER	4040XP EDA TBWMS			689	LCN
2	EA	ARMOR PLATE	8400 36" X 2" LDW B-CS			630	IVE
1	EA	FLOOR STOP	FS18S			BLK	IVE
1	EA	WEATHERSTRIP	8303AA			AA	ZER
1	EA	SWEEP	39A			A	ZER
1	EA	THRESHOLD	546A-223			A	ZER
1	EA	CARD READER	BY SECURITY (ASSI)				
1	EA	DOOR CONTACT	BY SECURITY (ASSI)				
1	EA	REQUEST TO EXIT	BY SECURITY (ASSI)				
1	EA	POWER	BY SECURITY (ASSI)				
1	EA	WIRING DIAGRAMS	ELEVATION 1004				VON

-DOOR NORMALLY CLOSED AND LOCKED
-PRESENT VALID CREDENTIAL TO READER OR KEY OVERRIDE FOR ENTRY.
-FREE EGRESS AT ALL TIMES
-RX TO SHUNT DOOR CONTACT UPON EGRESS.
-FAIL SECURE
REUSE EXISTING FRAME

HARDWARE GROUP NO. 09

For use on Door #(s):

110

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 NRP		652	IVE
1	EA	STORAGE LOCK	9K37D 15D S3		626	BES
2	EA	STOP/HOLDER	450H		630	GLY
4	EA	KICK PLATE	8400 12" X 2" LDW B-CS		630	IVE

NEW FRAME. REUSE DOOR AND REMAINDER OF EXISTING HARDWARE.

END OF SECTION

SECTION 08800 - **GLAZING**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes glazing for the following products and applications, including those specified in other Sections where glazing requirements are specified by reference to this Section:

1. Windows.
2. Doors.
3. Storefront framing.

1.2 PERFORMANCE REQUIREMENTS

A. General: Provide glazing systems capable of withstanding normal thermal movement and wind and impact loads (where applicable) without failure, including loss or glass breakage attributable to the following: defective manufacture, fabrication, and installation; failure of sealants or gaskets to remain watertight and airtight; deterioration of glazing materials; or other defects in construction.

B. Glass Design: Glass thickness designations indicated are minimums and are for detailing only. Confirm glass thicknesses by analyzing Project loads and in-service conditions. Provide glass lites in the thickness designations indicated for various size openings, but not less than thicknesses and in strengths (annealed or heat treated) required to meet or exceed the following criteria:

1. Glass Thicknesses: Select minimum glass thicknesses to comply with ASTM E 1300, according to the following requirements:
   a. Specified Design Wind Loads: As indicated, but not less than wind loads applicable to Project as required by ASCE 7 "Minimum Design Loads for Buildings and Other Structures": Section 6.0 "Wind Loads."
   b. Design Wind Loads: Determine design wind loads applicable to Project from basic wind speed indicated in miles per hour at 33 feet above grade, according to ASCE 7, "Minimum Design Loads for Buildings and Other Structures": Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.

C. Thermal Movements: Provide glazing that allows for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures acting on glass framing members and glazing components. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F ambient; 180 deg F material surfaces.

D. Thermal and Optical Performance Properties: Provide glass with performance properties specified based on manufacturer's published test data, as determined according to procedures indicated below:

1. For monolithic-glass lites, properties are based on units with lites 6.0 mm thick or of thickness indicated.
2. For laminated-glass lites, properties are based on products of construction indicated.
3. For insulating-glass units, properties are based on units of thickness indicated for overall unit and for each lite 6.0 mm thick and a nominal 1/2-inch wide interspace.
4. Center-of-Glass Values: Based on using LBL-44789 WINDOW 5.0 computer program for the following methodologies:

   a. U-Factors: NFRC 100 expressed as Btu/ sq. ft. x h x deg F
   b. Solar Heat Gain Coefficient: NFRC 200 or better.
   c. Solar Optical Properties: NFRC 300 or better.

E. Safety Glazing Labeling: Where safety glazing labeling is indicated, permanently mark glazing with certification label of the SGCC or another certification agency acceptable to authorities having jurisdiction. Label shall indicate manufacturer's name, type of glass, thickness, and safety glazing standard with which glass complies.

F. Fire-Protection-Rated Glazing Labeling: Permanently mark fire-protection-rated glazing with certification label of a testing agency acceptable to authorities having jurisdiction. Label shall indicate manufacturer's name, test standard, whether glazing is for use in fire doors or other openings, whether or not glazing passes hose-stream test, whether or not glazing has a temperature rise rating of 450 deg F (250 deg C), and the fire-resistance rating in minutes.

G. Insulating-Glass Certification Program: Permanently marked either on spacers or on at least one component lite of units with appropriate certification label of IGC

1.3 SUBMITTALS

A. Product Data: For each glass product and glazing material indicated.

B. Samples: 12-inch- square, for each type of glass product indicated, other than monolithic clear float glass.

C. Glazing Schedule: Use same designations indicated on Drawings.

1.4 QUALITY ASSURANCE

A. Glazing for Fire-Rated Door & Window Assemblies: Glazing for assemblies that comply with NFPA 80 and that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 257.

B. Safety Glazing Products: Comply with testing requirements in 16 CFR 1201.

C. Glazing Publications: Comply with published recommendations of glass product manufacturers and organizations below, unless more stringent requirements are indicated. Refer to these publications for glazing terms not otherwise defined in this Section or in referenced standards.

1. GANA Publications: GANA Laminated Division's "Laminated Glass Design Guide" and GANA's "Glazing Manual."
2. IGMA Publication for Insulating Glass: SIGMA TM-3000, "Glazing Guidelines for Sealed Insulating Glass Units."

D. Insulating-Glass Certification Program: Permanently marked either on spacers or on at least one component lite of units with appropriate certification label of the Insulating Glass Certification Council Associated Laboratories, Inc.

1.5 WARRANTY

A. Manufacturer's **Special Warranty** for Coated-Glass Products: Manufacturer's standard form, made out to Owner and signed by coated-glass manufacturer agreeing to replace coated-glass units that deteriorate as defined in "Definitions" Article, f.o.b. the nearest shipping point to Project site, within specified warranty period indicated below.

1. Warranty Period: **10** years from date of Substantial Completion.

B. Manufacturer's **Special Warranty** on Laminated Glass: Manufacturer's standard form, made out to Owner and signed by laminated-glass manufacturer agreeing to replace laminated-glass units that deteriorate as defined in "Definitions" Article, f.o.b. the nearest shipping point to Project site, within specified warranty period indicated below.

1. Warranty Period: **Five** years from date of Substantial Completion.

C. Manufacturer's **Special Warranty** on Insulating Glass: Manufacturer's standard form, made out to Owner and signed by insulating-glass manufacturer agreeing to replace insulating-glass units that deteriorate as defined in "Definitions" Article, f.o.b. the nearest shipping point to Project site, within specified warranty period indicated below.

1. Warranty Period: **10** years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:

1. Match existing glazing products to the greatest extent possible unless noted otherwise.

2.2 GLASS PRODUCTS

A. Annealed Float Glass: ASTM C 1036, Type I (transparent flat glass), Quality-Q3; of class indicated.

B. Heat-Treated Float Glass (TEMPERED): ASTM C 1048; Type I (transparent flat glass); Quality-Q3; of class, kind, and condition indicated.

1. Fabrication Process: By horizontal (roller-hearth) process with roll-wave distortion parallel to bottom edge of glass as installed, unless otherwise indicated.
2. Provide Kind HS (heat-strengthened) float glass in place of annealed float glass where needed to resist thermal stresses induced by differential shading of individual glass lites and to comply with glass design requirements specified in Part 1 "Performance Requirements" Article.
3. For uncoated glass, comply with requirements for Condition A.
4. For coated vision glass, comply with requirements for Condition C (other uncoated glass).
5. Provide Kind FT (fully tempered) float glass in place of annealed or Kind HS (heat-strengthened) float glass where tempered safety glass is indicated.

2.3 GLAZING SEALANTS

A. General: Provide products of type indicated, complying with the following requirements:

1. Compatibility: Select glazing sealants that are compatible with one another and with other materials they will contact, including glass products, seals of insulating-glass units, and glazing channel substrates, under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.
2. Suitability: Comply with sealant and glass manufacturers' written instructions for selecting glazing sealants suitable for applications indicated and for conditions existing at time of installation.
3. Colors of Exposed Glazing Sealants: As selected by Architect from manufacturer's full range to match frames.

B. Elastomeric Glazing Sealants: Comply with ASTM C 920 and other requirements indicated for each liquid-applied chemically curing sealant specified, including those referencing ASTM C 920 classifications for type, grade, class, and uses related to exposure and joint substrates.

1. Single-Component Neutral and Basic-Curing Silicone Glazing Sealants

a. Products:

1) Per manufacturer's recommendations for interior and exterior locations.

b. Type and Grade: S (single component) and NS (nonsag).
c. Class: 100/50.
d. Use Related to Exposure: Per manufacturers recommendations.
e. Uses Related to Glazing Substrates: M, G, A, and, as applicable to glazing substrates indicated, O.

2.4 GLAZING TAPES

A. Back-Bedding Mastic Glazing Tapes: Preformed, butyl-based elastomeric tape with a solids content of 100 percent; non-staining and non-migrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; packaged on rolls with a release paper backing; and complying with ASTM C 1281 and AAMA 800 for products indicated below:
   1. AAMA 806.3 tape, for glazing applications in which tape is subject to continuous pressure.
   2. AAMA 807.3 tape, for glazing applications in which tape is not subject to continuous pressure.

B. Expanded Cellular Glazing Tapes: Closed-cell, PVC foam tapes; factory coated with adhesive on both surfaces; packaged on rolls with release liner protecting adhesive; and complying with AAMA 800 for the following types:

   1. Type 1, for glazing applications in which tape acts as the primary sealant.
   2. Type 2, for glazing applications in which tape is used in combination with a full bead of liquid sealant.

2.5 MISCELLANEOUS GLAZING MATERIALS

A. General: Provide products of material, size, and shape complying with referenced glazing standard, requirements of manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.

B. Cleaners, Primers, and Sealers: Types recommended by sealant or gasket manufacturer.

C. Setting Blocks: Elastomeric material with a Shore, Type A durometer hardness of 85, plus or minus 5.

D. Spacers: Elastomeric blocks or continuous extrusions with a Shore, Type A durometer hardness required by glass manufacturer to maintain glass lites in place for installation indicated.

E. Edge Blocks: Elastomeric material of hardness needed to limit glass lateral movement (side walking).

F. Cylindrical Glazing Sealant Backing: ASTM C 1330, Type O (open-cell material), of size and density to control glazing sealant depth and otherwise produce optimum glazing sealant performance.

2.6 FABRICATION OF GLAZING UNITS

A. Fabricate glazing units in sizes required to glaze openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing publications, to comply with system performance requirements.

PART 3 - EXECUTION

3.1 GLAZING

A. General: Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publications.

1. Glazing channel dimensions, as indicated on Drawings, provide necessary bite on glass, minimum edge and face clearances, and adequate sealant thicknesses, with reasonable tolerances. Adjust as required by Project conditions during installation.
2. Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass is glass with edge damage or other imperfections that, when installed, could weaken glass and impair performance and appearance.
3. Apply primers to joint surfaces where required for adhesion of sealants, as determined by preconstruction sealant-substrate testing.
4. Install setting blocks in sill rabbets, sized and located to comply with referenced glazing publications, unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead.
5. Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.
6. Provide spacers for glass lites where length plus width is larger than 50 inches. Provide edge blocking where indicated or needed to prevent glass lites from moving sideways in glazing channel, as recommended in writing by glass manufacturer and according to requirements in referenced glazing publications.

B. Tape Glazing: Position tapes on fixed stops so that, when compressed by glass, their exposed edges are flush with or protrude slightly above sightline of stops. Install tapes continuously, but not necessarily in one continuous length. Do not stretch tapes to make them fit opening.

1. Cover vertical framing joints by applying tapes to heads and sills first and then to jambs. Cover horizontal framing joints by applying tapes to jambs and then to heads and sills.
2. Place joints in tapes at corners of opening with adjoining lengths butted together, not lapped. Seal joints in tapes with compatible sealant approved by tape manufacturer.
3. Apply heel bead of elastomeric sealant.
4. Center glass lites in openings on setting blocks and press firmly against tape by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings.
5. Apply cap bead of elastomeric sealant over exposed edge of tape.

C. Gasket Glazing (Dry): Fabricate compression gaskets in lengths recommended by gasket manufacturer to fit openings exactly, with allowance for stretch during installation.

1. Insert soft compression gasket between glass and frame or fixed stop so it is securely in place with joints miter cut and bonded together at corners.
2. Center glass lites in openings on setting blocks and press firmly against soft compression gasket by inserting dense compression gaskets formed and installed to lock in place against faces of removable stops. Start gasket applications at corners and work toward centers of openings. Compress gaskets to produce a weathertight seal without developing bending stresses in glass. Seal gasket joints with sealant recommended by gasket manufacturer.
3. Install gaskets so they protrude past face of glazing stops.

D. Sealant Glazing (Wet): Install continuous spacers, or spacers combined with cylindrical sealant backing, between glass lites and glazing stops to maintain glass face clearances and to prevent sealant from extruding into glass channel and blocking weep systems until sealants cure. Secure spacers or spacers and backings in place and in position to control depth of installed sealant relative to edge clearance for optimum sealant performance.

1. Force sealants into glazing channels to eliminate voids and to ensure complete wetting or bond of sealant to glass and channel surfaces.
2. Tool exposed surfaces of sealants to provide a substantial wash away from glass.

3.2 CLEANING AND PROTECTION

A. Protect exterior glass from damage immediately after installation by attaching crossed streamers to framing held away from glass. Do not apply markers to glass surface. Remove nonpermanent labels, and clean surfaces. Protect glass from contact with contaminating substances resulting from construction operations, including weld splatter. If, despite such protection, contaminating substances do come into contact with glass, remove substances immediately as recommended by glass manufacturer.

B. Remove and replace glass that is broken, chipped, cracked, or abraded or that is damaged from natural causes, accidents, and vandalism, during construction period.

SECTION 09111 - **NON-LOAD-BEARING STEEL FRAMING**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Non-load-bearing steel framing systems for interior gypsum board assemblies.

1.2 SUBMITTALS

A. Product Data: Submit data describing standard framing member materials and finish, product criteria, load charts, limitations, and installation instructions.

B. Certificates: Mill Certification shall be provided with shipment to verify chemical composition, yield strength, tensile strength, elongation and coating thickness. Include listing of applicable ASTM standards specified in this section and comparison of ASTM requirements to actual materials provided to jobsite.

C. Manufacturer's letter: Manufacturer shall provide letter stating that the material supplied to the specific project meets or exceed the performance standards listed in these specifications.

1.3 QUALITY ASSURANCE

A. Perform Work in accordance with the following:
1. ASTM C 754 requirements.
2. Applicable Code and Regulatory Requirements.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics: Provide materials and construction identical to those tested according to ASTM E 119.

2.2 MANUFACTURERS

A. Furnish products as manufactured by a manufacturing member of the Steel Stud Manufacturers Association (SSMA), subject to compliance with Specification requirements.

2.2 FRAMING SYSTEMS

A. Steel Studs, Runners and Furring Channels:

1. Steel complying with ASTM C645-07 for metal: C-channel, roll-formed from hot dipped galvanized steel; complying with ASTM A1003 and ASTM A653 G40or equivalent corrosion resistant coating. the latest edition of the SSMA Product Technical Information Manual. Use either steel studs and runners or dimpled steel studs and runners of equivalent minimum base-metal thickness.

2. Material Thickness: In accordance with the latest edition of the SSMA Product Technical Information Manual, Limiting Wall Height Tables- Non-Composite, using 5psf, L/240 criteria, as required by height of wall.

3. Minimum Base-Metal Thickness 0.027 inch (0.68 mm) (20 gage).
4. Depth: As indicated on Drawings

B. Flat Strap and Backing Plate: Steel sheet for blocking and bracing in length and width required.

1. Minimum Base-Metal Thickness: 0.033 inch (0.84 mm) (18 gage)

2.3 AUXILIARY MATERIALS

A. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Installation Standard: ASTM C 754.

B. Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.

C. Install bracing at terminations in assemblies.

D. Do not bridge building control and expansion joints with non-load-bearing steel framing members. Frame both sides of joints independently.

3.2 INSTALLING FRAMED ASSEMBLIES

A. Install framing system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

B. Where studs are installed directly against exterior masonry walls or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.

C. Minimum Typical Connections unless noted otherwise in details:

1. Stud to track: (1) screw each side.

2. Hanging stud to support clip: (2) screws.

3. Soffit track to studs: (2) screws each side.

4. Stud to vertical movement clip: (2) screws

5. Base track to concrete foundation/slab: Pins at 16 inches on center, typical.

D. Minimum Screw Size by gage:

1. To 20-ga (33) max., #8

2. To 16-ga (54) max., #10

E. Steel Shot Pins by HILTI:

1. Pin to be “X-U”, .157” knurled per ESR-2269 by HILTI

2. Pin penetration into concrete, 3/4 inch min.

END OF SECTION 09111

SECTION 09260 - **GYPSUM BOARD ASSEMBLIES**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Interior gypsum wallboard.
2. Non-load-bearing steel framing. **(See also Section 09111 Non-Load Bearing Steel Framing).**

1.2 SUBMITTALS

A. Product Data: For each product indicated.

B. Samples: For each textured finish indicated and on same backing indicated for Work.

1.3 QUALITY ASSURANCE

A. Fire-Test-Response Characteristics: For gypsum board assemblies with fire-resistance ratings, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.

PART 2 - PRODUCTS

2.1 STEEL FRAMING

A. Steel Framing, General: Comply with ASTM C 754 for conditions indicated.

1. Steel Sheet Components: Metal complying with ASTM C 645 requirements.

a. Protective Coating:

1) Interior Applications: ASTM A 653/A 653M, G40 hot-dip galvanized manufacturer's standard corrosion-resistant zinc coating.

b. Anchors: Fabricated from corrosion-resistant materials with holes or loops for attaching hanger wires and capable of sustaining, without failure, a load equal to **5** times that imposed by construction as determined by testing according to ASTM E 488 by a qualified independent testing agency.

c. Powder-Actuated Fasteners: Suitable for application indicated, fabricated from corrosion-resistant materials, with clips or other devices for attaching hangers of type indicated, and capable of sustaining, without failure, a load equal to **10** times that imposed by construction as determined by testing according to ASTM E 1190 by a qualified independent testing agency.

2. Furring Channels (Furring Members):

a. Cold Rolled Channels: 0.0538-inch bare steel thickness, with minimum 1/2-inch- wide flange, 3/4 inch deep.
b. Steel Studs: ASTM C 645, in depth indicated.

1) Minimum Base Metal Thickness: As indicated

3. Flat Strap and Backing Plate: Steel sheet for blocking and bracing in length and width indicated.

a. Minimum Base Metal Thickness: As indicated in Section 09111**.**

4. Cold-Rolled Channel Bridging: 0.0538-inch bare steel thickness, with minimum 1/2-inch- wide flange, and in depth indicated.

a. Clip Angle: 1-1/2 by 1-1/2 inch, 0.068-inch thick, galvanized steel.

5. Cold-Rolled Furring Channels: 0.0538-inch bare steel thickness, with minimum 1/2-inch wide flange, and in depth indicated.

a. Furring Brackets: Adjustable, corrugated-edge type of steel sheet with minimum bare steel thickness of 0.0312 inch
b. Tie Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.0625-inch-diameter wire, or double strand of 0.0475-inch- diameter wire.

6. Z-Shaped Furring: With slotted or non-slotted web, face flange of 1-1/4 inches, wall attachment flange of 7/8 inch, minimum bare metal thickness of 0.0179 inch and depth required to fit insulation thickness indicated.

7. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

2.2 PANEL PRODUCTS

A. Panel Size, General: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.

B. Gypsum Wallboard: ASTM C 36.

1. Regular Type: In thickness indicated and with long edges tapered, rounded, or beveled.
2. Type X: In thickness indicated and with long edges tapered, rounded, or beveled.
3. Water Resistant: In thickness indicated.
4. Impact Resistant: In thickness indicated.

C. Available Products: or equal

a. National Gypsum Company; Gold Bond Hi-Abuse Wallboard.
b. United States Gypsum Co.; SHEETROCK Brand Abuse-Resistant Gypsum Panels.

2.3 TRIM ACCESSORIES

A. Interior Trim: ASTM C 1047.

1. Cornerbead: Use at outside corners
2. LC-Bead: Use at exposed panel edges.
3. L-Bead: Use where indicated
4. U-Bead: Use where abutting masonry wall

B. Aluminum Trim: Extruded accessories of profiles and dimensions indicated.

1. Available Products: or equal

a. Fry Reglet Corp.; As indicated by designation on Drawings.
b. Gordon, Inc.; As indicated by designation on Drawings
c. MM Systems Corporation; As indicated by designation on Drawings.

2. Aluminum: Alloy and temper with not less than the strength and durability properties of ASTM B 221, alloy 6063-T5.

JOINT TREATMENT MATERIALS

C. General: Comply with ASTM C 475.

D. Joint Tape:

1. Interior Gypsum Wallboard: Paper.
2. Glass-Mat Gypsum Sheathing Board: 10-by-10 glass mesh.
3. Tile Backing Panels: As recommended by panel manufacturer.

E. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.

1. Pre-filling: At open joint, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.

2. Embedding and First Coat: For embedding tape and first coat on joints, flanges of trim accessories, and fasteners, use setting-type taping compound or drying-type, all-purpose compound.

   a. Use setting-type compound for installing paper-faced metal trim accessories.

3. Fill Coat: For second coat, use setting-type, sandable topping compound or drying-type, all-purpose compound.
4. Finish Coat: For third coat, use setting-type, sandable topping compound.
5. Skim Coat: For final coat of Level 5 finish, use setting-type, sandable topping compound.

F. Joint Compound for Tile Backing Panels:

1. Water-Resistant Gypsum Backing Board: Use setting-type taping and setting-type, sandable topping compounds.
2. Glass-Mat, Water-Resistant Backing Panel: As recommended by manufacturer.
3. Cementitious Backer Units: As recommended by manufacturer.

2.4 AUXILIARY MATERIALS

A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.

B. Acoustical Sealant for Exposed and Concealed Joints: Nonsag, paintable, nonstaining, latex sealant complying with ASTM C 834 that effectively reduces airborne sound transmission through perimeter joints and openings in building construction as demonstrated by testing representative assemblies according to ASTM E 90.

1. Products:

   a. Pecora Corp.; AC-20 FTR Acoustical and Insulation Sealant.
   b. United States Gypsum Co.; SHEETROCK Acoustical Sealant.

C. Acoustical Sealant for Concealed Joints: Nondrying, nonhardening, nonskinning, nonstaining, gunnable, synthetic-rubber sealant recommended for sealing interior concealed joints to reduce airborne sound transmission.

1. Products:

   a. Ohio Sealants, Inc.; Pro-Series SC-170 Rubber Base Sound Sealant.
   b. Pecora Corp.; BA-98.
   c. Tremco, Inc.; Tremco Acoustical Sealant.

D. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.

1. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch thick.
2. For fastening cementitious backer units, use screws of type and size recommended by panel manufacturer.

E. Isolation Strip at Exterior Walls:

1. Asphalt-Saturated Organic Felt: ASTM D 226, Type I (No. 15 asphalt felt), nonperforated.
2. Foam Gasket: Adhesive-backed, closed-cell vinyl foam strips that allow fastener penetration without foam displacement, 1/8 inch thick, in width to suit steel stud size.

F. Sound Attenuation Blankets: ASTM C 665, Type I (blankets without membrane facing) produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool. **See Section 07210: BUILDING INSULATION.**

PART 3 - EXECUTION

3.1 NON-LOAD-BEARING STEEL FRAMING INSTALLATION

A. General: Comply with ASTM C 754, and ASTM C 840 requirements that apply to framing installation.

B. Partition Framing:

1. Where studs are installed directly against exterior walls, install isolation strip between studs and wall.
2. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum board.
3. Frame door openings to comply with GA-600 and with gypsum board manufacturer's applicable written recommendations, unless otherwise indicated. Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.

    a. Install two studs at each jamb, unless otherwise indicated.
    b. Extend jamb studs through suspended ceilings and attach to underside of floor or roof structure above.

4. Frame openings other than door openings the same as required for door openings, unless otherwise indicated. Install framing below sills of openings to match framing required above door heads.

3.2 PANEL PRODUCT INSTALLATION

A. Gypsum Board: Comply with ASTM C 840 and GA-216.

1. Space screws a maximum of 12 inches o.c. for vertical applications.
2. On partitions/walls, apply gypsum panels horizontally (perpendicular to framing), unless otherwise indicated or required by fire-resistance-rated assembly, and minimize end joints.

   a. Stagger abutting end joints not less than one framing member in alternate courses of board.
3. Single-Layer Fastening Methods: Apply gypsum panels to supports with steel drill screws.

3.3 FINISHING

A. Installing Trim Accessories: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.

B. Finishing Gypsum Board Panels: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration.

1. Pre-fill open joints, rounded or beveled edges, and damaged surface areas.
2. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.
3. Glass-Mat, Water-Resistant Backing Panels: Finish according to manufacturer's written instructions.

C. Cementitious Backer Units: Finish according to manufacturer's written instructions.

D. Gypsum Board Finish Levels: Finish panels to levels indicated below, according to ASTM C 840, for locations indicated:
1. **Level 4**: (all publicly visible work) Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges at panel surfaces that will be exposed to view, unless otherwise indicated. **A true Level 4 finish will be required with no visible joints.**

E. Finish Texture: **Match existing** as approved by Architect and City of Buckeye from samples.

3.4 APPLYING TEXTURE FINISHES

A. Surface Preparation and Primer: Prepare and apply primer to gypsum panels and other surfaces receiving texture finishes. Apply primer to surfaces that are clean, dry, and smooth.

B. Texture Finish Application: Mix and apply finish using powered spray equipment, to produce a uniform texture matching approved mockup and free of starved spots or other evidence of thin application or of application patterns.

C. Prevent texture finishes from coming into contact with surfaces not indicated to receive texture finish by covering them with masking agents, polyethylene film, or other means. If, despite these precautions, texture finishes contact these surfaces, immediately remove droppings and overspray to prevent damage according to texture finish manufacturer's written recommendations.

END OF SECTION 09260

SECTION 09310 - **CERAMIC TILE**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Ceramic tile.

2. Quarry tile.
3. Waterproof membrane.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated on the Drawings.

B. Samples:

1. Each type and composition of tile and for each color and finish required.
2. Assembled samples, with grouted joints, for each type and composition of tile and for each color and finish required.

1.3 QUALITY ASSURANCE

A. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Build mockup of each type of floor tile installation.
2. Build mockup of each type of wall tile installation.
3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.4 EXTRA MATERIALS

A. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering and identified with labels describing contents.

1. Tile and Trim Units: Furnish quantity of full-size units equal to **10 percent** of amount installed for each type, composition, color, pattern, and size indicated.

PART 2 - PRODUCTS

2.1 TILE PRODUCTS

A. ANSI Ceramic Tile Standard: Provide Standard grade tile that complies with ANSI A137.1 for types, compositions, and other characteristics indicated.

B. Tile products shall conform to Finish Plan & Schedule in the Drawings.

2.2 TILE BACKING PANELS

A. See Section 09250 Gypsum Board for tile backing panels (5/8" Water Resistant Gypsum Board) or Cement Board as applicable.

2.3 WATERPROOF MEMBRANE

A. General: Manufacturer's standard product, selected from the following, that complies with ANSI A118.10 and is recommended by the manufacturer for the application indicated.

B. Fabric-Reinforced, Fluid-Applied Membrane: System consisting of liquid-latex rubber or elastomeric polymer and continuous fabric reinforcement.

C. Fluid-Applied Membrane: Liquid-latex rubber or elastomeric polymer.

D. Latex-Portland Cement: Flexible mortar consisting of cement-based mix and latex additive.

2.4 SETTING MATERIALS

A. Setting materials to be selected after specific tile products have been confirmed, and shall conform to manufacturer's recommendations.

2.5 GROUT MATERIALS

A. Grout material to be selected after specific tile products have been confirmed. Colors to be selected from a full range of colors from an acceptable manufacturer.

2.6 ELASTOMERIC SEALANTS

A. General: Provide sealants, primers, backer rods, and other sealant accessories that comply with the following requirements and with the applicable requirements in Division 7 Section "Joint Sealants."

1. Use sealants that have a VOC content of 250 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

B. One-Part, Mildew-Resistant Silicone Sealant: ASTM C 920; Type S; Grade NS; Class 25; Uses NT, G, A, and, as applicable to nonporous joint substrates indicated, O; formulated with fungicide, intended for sealing interior ceramic tile joints and other nonporous substrates that are subject to in-service exposures of high humidity and extreme temperatures.

1. These sealants to be used only on non-traffic surfaces.

2. Products: Subject to compliance with requirements, available products that may be incorporated into the Work.

C. Multipart, Pourable Urethane Sealant for Use T: ASTM C 920; Type M; Grade P; Class 25; Uses T, M, A, and, as applicable to joint substrates indicated, O.

1. Products: Subject to compliance with requirements, available products that may be incorporated into the Work.

2.7 MISCELLANEOUS MATERIALS

A. Trowelable Underlayments and Patching Compounds: Latex-modified, portland cement-based formulation provided or approved by manufacturer of tile-setting materials for installations indicated.

B. Metal Edge Strips: Angle or L-shape, stainless steel, ASTM A 666, 300 Series exposed-edge material. SCHULTER trims or equal.

C. Grout Sealer: Manufacturer's standard silicone product for sealing grout joints and that does not change color or appearance of grout.
   a. Products: Subject to compliance with requirements, available products that may be incorporated into the Work.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of installed tile.

1. Verify that substrates for setting tile are firm, dry, clean, free of coatings that are incompatible with tile-setting materials including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.

3.2 PREPARATION

A. Fill cracks, holes, and depressions in concrete substrates for tile floors installed with adhesives or thin-set mortar with trowelable leveling and patching compound specifically recommended by tile-setting material manufacturer.

B. Where indicated, prepare substrates to receive waterproofing by applying a reinforced mortar bed that complies with ANSI A108.1A and is sloped 1/4 inch per foot (1:50) toward drains.

C. Blending: For tile exhibiting color variations, use factory blended tile or blend tiles at Project site before installing.

D. Field-Applied Temporary Protective Coating: If indicated under tile type or needed to prevent grout from staining or adhering to exposed tile surfaces, pre-coat them with continuous film of temporary protective coating, taking care not to coat unexposed tile surfaces.

3.3 INSTALLATION

A. Comply with TCA's "Handbook for Ceramic Tile Installation" for TCA installation methods. Comply with parts of the ANSI A108 Series "Specifications for Installation of Ceramic Tile" that are referenced in TCA installation methods, and apply to types of setting and grouting materials used.

1. For the following installations, follow procedures in the ANSI A108 Series of tile installation standards for providing 95 percent mortar coverage:
   a. Tile floors in wet areas.

B. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.

C. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.

D. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each wall area. Lay out tile work to minimize the use of pieces that are less than one quarter of a tile. Provide uniform joint widths unless otherwise indicated.

E. Joint Widths: Unless otherwise indicated, install tile with the following joint widths:

1. Floor Tile: 1/8 inch (3.2 mm).
2. Wall Tile: 1/16 inch (1.6 mm).

F. Lay out tile as indicated on the Drawings (Interior Elevations).

G. Expansion Joints: Provide expansion joints and other sealant-filled joints, including control, contraction, and isolation joints, where indicated. Form joints during installation of setting materials, mortar beds, and tile. Do not saw-cut joints after installing tiles.

1. Where joints occur in concrete substrates, locate joints in tile surfaces directly above them.
2. Prepare joints and apply sealants to comply with requirements in Division 7 Section "Joint Sealants."

H. Metal Edge Strips: Install where exposed edge of tile flooring meets carpet, wood, or other flooring that finishes flush with or below top of tile and no threshold is indicated.

I. Grout Sealer: Apply grout sealer to cementitious grout joints in tile floors according to grout-sealer manufacturer's written instructions. As soon as grout sealer has penetrated grout joints, remove excess sealer and sealer from tile faces by wiping with soft cloth.

J. Install cementitious backer units and fiber-cement underlayment and treat joints according to ANSI A108.11 and manufacturer's written instructions for type of application indicated. Use latex-portland cement mortar for bonding material unless otherwise directed in manufacturer's written instructions.

K. Install waterproofing to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness and bonded securely to substrate.

END OF SECTION 09310

SECTION 09511 - **ACOUSTICAL PANEL CEILINGS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes acoustical panels and exposed suspension systems for ceilings.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each exposed finish.

C. Product test reports.

D. Research/evaluation reports.

E. Maintenance data.

1.3 QUALITY ASSURANCE

A. Comply with the provisions of ASTM C635 and ASTM C 636.

B. Acoustical Testing Agency Qualifications: An independent testing laboratory or an NVLAP-accredited laboratory.

C. Seismic Standard: Comply with the following:

1. Standard for Ceiling Suspension Systems Requiring Seismic Restraint: Comply with ASTM E 580 for Seismic one 2B.

D. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

E. Pre-installation Conference: Conduct conference at Project site.

1.4 EXTRA MATERIALS

A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Acoustical Ceiling Panels: Full-size panels equal to **10.0** percent of quantity installed.
2. Suspension System Components: Quantity of each exposed component equal to **5.0** percent of quantity installed.

PART 2 - PRODUCTS

2.1 ACOUSTICAL PANEL CEILINGS, GENERAL

A. Acoustical Panel Standard: Comply with ASTM E 1264.

B. Metal Suspension System Standard: Comply with ASTM C 635.

C. Attachment Devices: Size for five times the design load indicated in ASTM C 635, Table 1, "Direct Hung," unless otherwise indicated. Comply with seismic design requirements.

D. Wire Hangers, Braces, and Ties: Zinc-coated carbon-steel wire; ASTM A 641/A 641M, Class 1 zinc coating, soft temper.

1. Size: Select wire diameter so its stress at 3 times hanger design load (ASTM C 635, Table 1, "Direct Hung") will be less than yield stress of wire, but provide not less than 0.106-inch- (2.69-mm-) diameter wire.

E. Seismic perimeter stabilizer bars, seismic struts, and seismic clips.

F. Metal Edge Moldings and Trim: Type and profile indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations that comply with seismic design requirements; formed from sheet metal of same material, finish, and color as that used for exposed flanges of suspension system runners.

2.2 SMOOTH TEXTURE PANELS FOR ACOUSTICAL PANEL CEILING

A. Basis-of-Design Product:

1. Armstrong World Industries, Inc. 'Kitchen Zone' square tegular lay-in.

B. Color: White.

C. NRC: N/A

D. Acoustic CAC: 33

E. Thickness: 1" (edge thickness)

F. Modular Sizes: 24 x 48 x 1 inches

G. Fire Performance: ASTM E84 surface burning characteristics. **Class A** (flame spread 25 or less (UL labeled). Smoke Developed Index 50 or less (UL labeled).

2.3 METAL SUSPENSION SYSTEM FOR ACOUSTICAL PANEL CEILING

A. Basis-of-Design Product:

1. Armstrong World Industries, Inc.

B. Color: White.

1. Grid: **Armstrong PRELUDE 15/16 XL Exposed Tee grid Systems**

PART 3 - EXECUTION

3.1 INSTALLATION

A. Coordinate work of all other trades that install items which penetrate ceiling panels, such as (but not limited to) fire sprinklers, speakers, etc. All items which must penetrate a ceiling tile shall be placed in the center of the tile.

B. Comply with ASTM C 636 and seismic design requirements indicated, per manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."

C. Measure each ceiling area and establish layout of acoustical panels to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width panels at borders.

D. Suspend ceiling hangers from building's structural members, plumb and free from contact with insulation or other objects within ceiling plenum. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, counter-splaying, or other equally effective means. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers, use trapezes or equivalent devices. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.

1. Do not support ceilings directly from permanent metal forms or floor deck; anchor into concrete slabs.
2. Do not attach hangers to steel deck tabs or to steel roof deck.

E. Install edge moldings and trim of type indicated at perimeter of acoustical ceiling area and where necessary to conceal edges of acoustical panels. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet. Miter corners accurately and connect securely.

F. Install suspension system runners so they are square and securely interlocked with one another. Remove and replace dented, bent, or kinked members.

G. Install acoustical panels with undamaged edges and fit accurately into suspension system runners and edge moldings. Scribe and cut panels at borders and penetrations to provide a neat, precise fit.

END OF SECTION 09511

SECTION 09651 - **RESILIENT FLOOR TILE**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Vinyl composition floor tile to match existing.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: Full-size units of each color and pattern of floor tile required.

1.3 PROJECT CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer in spaces to receive floor tile.

B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer.

C. Close spaces to traffic during floor tile installation.

D. Close spaces to traffic for 48 hours after floor tile installation.

E. Install floor tile after other finishing operations, including painting, have been completed.

1.4 EXTRA MATERIAL

A. Provide an additional 2%, or a minimum of one box, of each type/color of installed material, clearly labeled with manufacturer, size, type and color.

PART 2 - PRODUCTS

2.1 VINYL COMPOSITION FLOOR TILE

A. Products: See the Room Finish Schedule on the Drawings for products.

2.2 INSTALLATION MATERIALS

A. Trowel-able Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by manufacturer to suit floor tile and substrate conditions indicated.

1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):

a. VCT Adhesives: Not more than 50 g/L.

C. Floor Polish: Provide protective liquid floor polish products as recommended by manufacturer.

PART 3 - EXECUTION

3.1 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.

B. Concrete Substrates: Prepare according to ASTM F 710.

1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
4. Moisture Testing: Perform tests recommended by floor covering manufacturer and as follows. Proceed with installation only after substrates pass testing.

a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
b. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum **75%** relative humidity level measurement.

C. Fill cracks, holes, and depressions in substrates with trowel-able leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install floor tiles until they are same temperature as space where they are to be installed.

1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

3.2 FLOOR TILE INSTALLATION

A. Comply with manufacturer's written instructions for installing floor tile.

B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.

1. Lay tiles square with room axis. Begin layouts at building expansion joints where occurs.

C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.

1. Lay tiles with grain direction alternating in adjacent tiles.

D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.

E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.

F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent, non-staining marking device.

G. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

3.3 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protection of floor tile.

B. Floor Polish: Remove soil, visible adhesive, and surface blemishes from floor tile surfaces before applying liquid floor polish and apply number of coats recommended by manufacturer.

C. Cover floor tile until Substantial Completion.

END OF SECTION 09651

SECTION 09653 - **RESILIENT WALL BASE AND ACCESSORIES**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Resilient base.
2. Resilient molding accessories.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each type of product indicated, in manufacturer's standard-size Samples but not less than 12 inches long, of each resilient product color, texture, and pattern required.

1.3 PROJECT CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer in spaces to receive resilient products.

B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer.

C. Install resilient products after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 RESILIENT BASE

A. Resilient Base:

1. See the Room Finish Schedule on Drawings for the Basis of Design products.

B. Resilient Base Standard: ASTM F 1861.

1. Material Requirement: Type TS (rubber, vulcanized thermoset).
2. Manufacturing Method: Group I (solid, homogeneous).
3. Style: Cove (base with toe).

C. Minimum Thickness: 0.125 inch

D. Height: 4 inches at toe spaces and walls.

E. Lengths: Coils in manufacturer's standard length.

F. Outside Corners: Preformed.

G. Inside Corners: Preformed.

H. Finish: Standard.

I. Colors and Patterns: As selected by Architect from full range of industry colors.

2.2 RESILIENT MOLDING ACCESSORIES

A. Resilient Molding Accessories:
   a. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work.
   b. Basis of Design Products: **Johnsonite**

B. Description: Carpet edge for glue-down applications, Reducer strip for resilient floor covering, Joiner for tile and carpet.

C. Material: Rubber.

D. Profile and Dimensions: As indicated, coved.

E. Colors and Patterns: As selected by Architect from full range of industry colors.

2.3 INSTALLATION MATERIALS

A. Trowel-able Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.

   1. Use adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):

      a. Cove Base Adhesives: Not more than 50 g/L.

C. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize running joints.

PART 3 - EXECUTION

3.1 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.

B. Concrete Substrates for Resilient Accessories: Prepare according to ASTM F 710.

1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer.
4. Moisture Testing: Perform tests recommended by manufacturer

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install resilient products until they are same temperature as the space where they are to be installed.

1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

3.2 RESILIENT BASE INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

C. Install resilient base in lengths as long as practicable without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

E. Do not stretch resilient base during installation.

3.3 RESILIENT ACCESSORY INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient accessories.

B. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of carpet and resilient floor coverings that would otherwise be exposed.

3.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protection of resilient products.

END OF SECTION 09653

SECTION 09911 - **EXTERIOR PAINTING**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes surface preparation and the application of paint systems on the following exterior substrates:
   1. Steel
   2. Metals

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each finish and for each color and texture required.

C. Product List: Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.

1.3 QUALITY ASSURANCE

A. MPI Standards:

   1. Products: Complying with MPI standards indicated and listed in "MPI Approved Products List."
   2. Preparation and Workmanship: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and paint systems indicated.

B. The Owner reserves the right to take samples of materials for chemical analysis; to gage wet or dry film thickness; or to utilize any other standard inspection procedures necessary to assure quality and compliance with requirements of the Contract Documents.

1.4 EXTRA MATERIALS

A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents, including manufacturer's name, color name and formula.

   1. Quantity: Furnish a minimum of 1 gal. of each material and color applied.
   2. Provide a typed list, by area, of paint used including manufacturer, year purchased, color name, finish type (satin, semi-gloss, etc.) and formula.

PART 2 - PRODUCTS

2.1 PAINT, GENERAL

A. Acceptable Manufacturers:

1. **Dunn Edwards**. Basis of Design Products

B. All paint materials shall be manufacturer's premium grade product. Insofar as possible, all components of the paint system shall be products of the same manufacturer.

C. Material Compatibility:

1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

D. Colors: Match existing adjacent color and sheen as applicable.

2.2 METAL PRIMERS

A. Waterborne Galvanized-Metal Primer: MPI #134. See Exterior Paint Schedule in Part 3.

1. VOC Content: E Range of E3.

2.3 EXTERIOR LATEX PAINTS

A. Exterior Latex (Semi-gloss or match existing sheen): MPI #11 (Gloss Level 5). See Exterior Paint Schedule in Part 3.

1. VOC Content: E Range of E3.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.

B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.

C. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.

1. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.

D. Finish exterior hollow metal doors on tops, bottoms and side edges same as exterior faces, unless otherwise indicated.

3.2 PREPARATION AND APPLICATION

A. Comply with all OSHA safety requirements.

B. Comply with State and Federal VOC requirements.

C. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.

D. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.

1. Remove incompatible primers and re-prime substrate with compatible primers as required to produce paint systems indicated.

E. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

F. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer. Apply additional coats when undercoats, stain or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

G. Remove or protect hardware, hardware accessories, machined surfaces, lighting fixtures, and similar items that are not to be painted to ensure that no paint is applied to these surfaces. Reinstall items or remove protection upon completion of painting of the adjacent surfaces.

H. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.

I. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.3 EXTERIOR PAINTING SCHEDULE

A. Provide the following coating systems for substrates indicated. Apply each material at the coverage rate required to produce the total composite dry film thickness (DFT) indicated. Materials containing low solids content by volume shall be applied in multiple coats as required to build DFT.

B. Primers are not required on substances specified to be factory primed under other sections unless required as a bond coat.

C. Galvanized-Metal Substrates:

1. Latex over Latex Primer System: 5.0 dry mils total thickness.

a. Prime Coat: Dunn-Edwards Ultrashield Galvanized Metal Primer (UGM00); applied at 2.0 mils DFT. (MPI #134 Best).
b. Intermediate Coat: Dunn-Edwards Evershield Ext. / Int. 100% Acrylic Semi-Gloss Paint (EVSH50); applied at 1.5 mils DFT per coat. (MPI #11 Best).
c. Topcoat: Dunn-Edwards Evershield Ext. / Int. 100% Acrylic Semi-Gloss Paint (EVSH50); applied at 1.5 mils DFT per coat. (MPI #11 Best).

D. Ferrous Metal: 5.0 dry mils total thickness.

1. Two finish coats over a primer.

a. Primer: Bloc-Rust Rust Preventative Metal Primer (BRPR00); applied at 2.0 mils DFT.
b. Intermediate Coat: Aristoshield Int. / Ext. Semi-Gloss Paint (ASHL50); applied at 1.5 mils DFT.
c. Topcoat: Aristoshield Int. / Ext. Semi-Gloss Paint (ASHL50); applied at 1.5 mils DFT.

E. Stucco: Match existing elastomeric paint finish and colors.
1. Two finish coats over a primer: 24.5 – 29.5 dry mils total thickness.

a. Primer Coat: Dunn-Edwards Flex-Prime Select Int. / Ext. Flexible Masonry Primer (FPSL00); applied at 2.5 – 3.5 mils DFT.
b. Intermediate Coat: Enduralastic 10 Elastomeric Wall Coating (EDLX10); applied at 11.0 to 13.0 mils DFT. per coat.
c. Topcoat: Enduralastic 10 Elastomeric Wall Coating (EDLX10); applied at 11.0 to 13.0 mils DFT. per coat.

END OF SECTION 09911

SECTION 09912 - **INTERIOR PAINTING**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes surface preparation and the application of paint and sealer systems on the following interior substrates:
   1. Gypsum board.
   2. Hollow metal frames (steel).
   3. Miscellaneous metals.
   4. Interior concrete floor sealer.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each finish and for each color and texture required.

C. Product List: Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.

1.3 QUALITY ASSURANCE

A. MPI Standards:

   1. Products: Complying with MPI standards indicated and listed in "MPI Approved Products List."
   2. Preparation and Workmanship:
      a. For new construction: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and paint systems indicated.
      b. For repainting of existing surfaces: Comply with manufacturer's written instructions and recommendations in "MPI Maintenance – Repainting Manual" applicable to substrates indicated.

B. Benchmark Samples (Mockups): Provide a full-coat benchmark sample of each paint system indicated and each color and finish selected to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

   1. Wall and Ceiling Surfaces: Provide samples of at least 10 sq. ft.
   2. Other Items: Architect will designate items or areas required.
   3. Final approval of color selections will be based on benchmark samples.

1.4 EXTRA MATERIALS

A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents, including manufacturer's name, color name and formula.

1. Quantity: Furnish a minimum of **1 gal.** of each material and color applied.
2. Provide a typed list, by area, of paint used including manufacturer, year purchased, color name, finish type (satin, semi-gloss, etc.) and formula.

PART 2 - PRODUCTS

2.1 PAINT, GENERAL

A. Acceptable manufacturers:

1. Dunn Edwards, basis of design products

B. All paint materials shall be manufacturer's premium grade product. Insofar as possible, all components of the paint system shall be products of the same manufacturer.

C. Material Compatibility:

1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.

D. Colors: As indicated on the Drawings.

2.2 PRIMERS/SEALERS

A. Interior Latex Primer/Sealer: MPI #50.

2.3 METAL PRIMERS

A. Rust-Inhibitive Primer (Water Based): MPI #107.

B. Waterborne Galvanized-Metal Primer: MPI #134.

2.4 LATEX PAINTS

A. Interior Latex (Velvet): MPI #44 (Gloss Level 2). **See Interior Paint Schedule in Part 3.**

1. VOC Content: E Range of E3.
2. Environmental Performance Rating: EPR 3.

B. Interior Latex (Semigloss): MPI #54 (Gloss Level 5). **See Interior Paint Schedule in Part 3.**

1. VOC Content: E Range of E3.
2. Environmental Performance Rating: EPR 4.

2.5 CONCRETE FLOOR SEALER

A. Sealer, Water Based, for Concrete Floors: MPI #99.

1. VOC Content: E Range of E2.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.

B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:

1. Concrete: 12 percent.
2. Wood: 15 percent.
3. Gypsum Board: 12 percent.

C. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.

D. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.

1. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.

3.2 PREPARATION AND APPLICATION

A. Comply with all OSHA safety requirements.

B. Comply with State and Federal VOC requirements.

C. For new construction, comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.

D. For existing surfaces to be repainted, comply with manufacturer's written instructions and recommendations in "MPI Maintenance – Repainting Manual" applicable to substrates indicated.

E. Remove or protect hardware, hardware accessories, machined surfaces, lighting fixtures, and similar items that are not to be painted to ensure that no paint is applied to these surfaces. Reinstall items or remove protection upon completion of painting of the adjacent surfaces.

F. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.

1. Remove incompatible primers and reprime substrate with compatible primers as required to produce paint systems indicated.

G. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

H. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer. Apply additional coats when undercoats, stain or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

I. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently-fixed equipment or furniture.

J. Paint back sides of access panels, and removable or hinged covers to match exposed surfaces.

K. Finish exterior doors on tops, bottoms and side edges same as exterior faces, unless otherwise indicated.

L. Metal doors and hollow metal door and window frames shall be spray painted unless otherwise stated.

M. Painting Electrical Work: Paint items exposed in occupied spaces to match adjacent wall color including, but not limited to, the following:

1. Electrical Work:
   a. Panelboards.

N. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.

O. Provide "Wet Paint" signs as required to protect newly-painted finishes.

P. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.3 INTERIOR PAINTING SCHEDULE

A. Provide the following coating systems for substrates indicated. Apply each material at the coverage rate required to produce the total composite dry film thickness (DFT) indicated. Materials containing low solids content by volume shall be applied in multiple coats as required to build DFT.

B. Primers are not required on substances specified to be factory primed under other sections unless required as a bond coat.

C. Galvanized-Metal Substrates:

1. Latex over Latex Primer System: 5.0 dry mils total thickness.

   a. Prime Coat: Dunn-Edwards Ultrashield Galvanized Metal Primer (UGM00); applied at 2.0 mils DFT.
   b. Intermediate Coat: Dunn-Edwards Evershield Ext. / Int. 100% Acrylic Semi-Gloss Paint (EVSH50); applied at 1.5 mils DFT per coat.
   c. Topcoat: Dunn-Edwards Evershield Ext. / Int. 100% Acrylic Semi-Gloss Paint (EVSH50); applied at 1.5 mils DFT per coat.

D. Ferrous Metal: 5.0 dry mils total thickness.

1. Two finish coats over a primer.

   a. Primer: Dunn-Edwards Bloc-Rust Rust Preventative Metal Primer (BRPR00); applied at 2.0 mils DFT.
   b. Intermediate Coat: Dunn-Edwards Aristoshield Int. / Ext. Semi-Gloss Paint (ASHL50); applied at 1.5 mils DFT.
   c. Topcoat: Dunn-Edwards Aristoshield Int. / Ext. Semi-Gloss Paint (ASHL50); applied at 1.5 mils DFT.

E. Gypsum Board Substrates:

1. Latex System: 4.5 dry mils total thickness.

   a. Prime Coat: Dunn-Edwards Vinylastic Plus Int. Latex Wall Sealer.
   b. Intermediate Coat: Dunn-Edwards Spartawall Low Odor Int. Velvet Paint (SWLL20); applied at 1.5 mils DFT.
   c. Topcoat: Dunn-Edwards Spartawall Low Odor Int. Velvet Paint (SWLL20); applied at 1.5 mils DFT.

   CEILINGS: Flat finish for gypsum board ceilings, use Dunn-Edwards Spartawall Int. Flat Paint (SWLL10); MPI #53, Gloss Level 1. For a semi-gloss finish for use in areas such as restrooms, use Dunn-Edwards Evershield Ext. / Int. 100% Acrylic Semi-Gloss Paint (EVSH50); MPI #54, Gloss Level 5. Color: Antique White

F. Concrete Floor Sealer:

1. 2 coats: Rust-Oleum, Seal Krete Clear-Seal Concrete Protective Sealer, satin finish.

END OF SECTION 09912

SECTION 10431 - **SIGNS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Metal Fire Lane Signage as indicated.
2. Updated Interior Fire Dept signage.
3. Plastic panel signs for interior use including ADA Braille room name and number, and plastic EXIT signage adjacent to exit doors.
4. Plastic panel room identification signs.
5. Signage accessories.

1.2 SUBMITTALS

A. Product Data: For each product indicated.

B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other Work.

1. Verify dimensions by field measurements before fabrication and indicate measurements on Shop Drawings.
2. Provide message list for each sign, including large-scale details of wording, lettering, artwork, and braille layout.

C. Samples: For each sign material indicated that involves color selection.

1.3 QUALITY ASSURANCE

A. Regulatory Requirements: Comply with the Americans with Disabilities Act (ADA) and with code provisions as adopted by authorities having jurisdiction.

PART 2 - PRODUCTS

2.1 SIGNS

A. General: Provide signs that comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.

1. **Per Buckeye Municipal Standards, see representative Interior signage EXAMPLES as observed on site. Provide in similar quantities, sizes, and content suitable for this Addition and Remodel in all areas affected. Provide**

FIRE LANE and Fire Riser, FACP, FAACP, and Roof Access signs per Fire Dept Notes on Cover Sheet.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.
2. Interior Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, install signs on nearest adjacent walls. Locate to allow approach within 3 inches of sign without encountering protruding objects or standing within swing of door.

B. Interior Signage: All Interior Signage shall comply with applicable ADA requirements.
1. Base: Melamine plastic laminate, 1/8 inch thick, rated non-static, fire retardant and self-extinguishing.
   a. Colors: To match existing and in accordance with local and Federal requirements.
   b. Mounting: Screw attach to the wall or door or door frame as directed by Owner, minimum 2 screws per sign. Height shall be 60 inches above finish floor to centerline of sign at wall mounted signs.
   c. Finish and Contrast:
      1). Matte Finish
      2). Characters shall contrast with backgrounds by at least 20 percent.
2. Letters and Braille characters:
   a. Raised 1/32 inch upper case, sans serif or simple serif, and accompanied by Grade 2 Braille, to match existing. Raised characters shall be at east 5/8 inches high, but not higher than 2 inches.
   b. Letters and numbers: Width-to-height ratio from 3:5 to 1:1, and stroke width-to-height ratio from 1:5 to 1:10.
   C. Text: Required quantity of each sign shall be as directed by Architect.

C. ADA Signage: All Interior Signage shall comply with applicable ADA requirements.
1. Base: Melamine plastic laminate 1/8 inch thick, rated non-static, fire retardant and self-extinguishing.
   a. Colors: in accordance with local and Federal requirements.
   b. Sizes: as indicated on the Drawings.
   b. Mounting: Screw attach to the wall or door or door frame as indicated by, minimum 2 screws per sign. Height shall be 60 inches above finish floor to centerline of sign at wall mounted signs.
   c. Finish and Contrast:
      1). Matte Finish
      2). Characters shall contrast with backgrounds by at least 20 percent.
2. Letters and Braille charcacters:
   a. Raised 1/32 inch upper case, sans serif or simple serif, and accompanied by Grade 2 Braille, to match existing. Raised characters shall be at east 5/8 inches high, but not higher than 2 inches.
   b. Letters and numbers: Width-to-height ratio from 3:5 to 1:1, and stroke width-to-height ratio from 1:5 to 1:10.

B. Tactile and Braille Copy: Manufacturer's standard process for producing copy complying with ADA Accessibility Guidelines and ICC/ANSI A117.1. Text shall be

accompanied by Grade 2 braille. Produce precisely formed characters with square cut edges free from burrs and cut marks.

1. Raised-Copy Thickness: Not less than 1/32 inch

2.2 ACCESSORIES

A. Mounting Methods: Use concealed fasteners fabricated from materials that are not corrosive to sign material and mounting surface.

B. Anchors and Inserts: Provide nonferrous-metal or hot-dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance.

PART 3- EXECUTION

3.1 INSTALLATION

A. General: Locate signs and accessories where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.
2. ADA Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, install signs on nearest adjacent walls. Locate to allow approach within 3 inches of sign without encountering protruding objects or standing within swing of door.

B. Wall & Door Mounted Signs: Attach panel signs to wall surfaces using appropriate methods indicated below:

1. Stud Mount: use concealed fasteners to mount cast aluminum letters and bronze dedication plaques to CMU walls.
2. Vinyl-Tape Mounting: Use double-sided foam tape to mount signs to smooth, nonporous surfaces. Do not use this method for vinyl-covered or rough surfaces.
2. Silicone-Adhesive Mounting: Use liquid-silicone adhesive recommended in writing by sign manufacturer to attach signs to irregular, porous, or vinyl-covered surfaces. Use double-sided vinyl tape where recommended in writing by sign manufacturer to hold sign in place until adhesive has fully cured.
3. Shim Plate Mounting: Provide 1/8-inch thick, concealed aluminum shim plates with predrilled and countersunk holes, at locations indicated, and where other mounting methods are not practicable. Attach plate with fasteners and anchors suitable for secure attachment to substrate. Attach panel signs to plate using method specified above.
4. Concealed Mechanical Fasteners: Use non-removable concealed mechanical fasteners placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.

END OF SECTION 10431

SECTION 10522 - **FIRE EXTINGUISHER CABINETS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes fire protection cabinets for fire extinguishers.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: For fire protection cabinets. Include plans, elevations, sections, details, and attachments to other work.

C. Maintenance data.

1.3 QUALITY ASSURANCE

A. Coordinate size of fire protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.

B. Coordinate sizes and locations of fire protection cabinets with wall depths.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.

B. Tempered Float Glass: ASTM C 1048, Kind FT, Condition A, Type I, Quality q3, 3 mm thick, Class 1 (clear).

2.2 FIRE PROTECTION CABINET

A. Cabinet Type: ADA Compliant, suitable for fire extinguisher as specified in Section 10523 Fire Extinguishers.

B. Cabinet Construction: Non-rated.

C. Cabinet Material: Steel sheet.

D. Recessed Cabinet: Cabinet box recessed in walls of sufficient depth to suit style of trim indicated.
   1. Exposed Flat Trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).

E. Cabinet Trim Material: Steel sheet.

F. Door Material: Steel sheet.

G. Door Style: Center glass panel with frame.

H. Door Glazing: Tempered float glass (clear).

I. Door Hardware: Manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated.

J. Accessories:

   1. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to fire protection cabinet, of sizes required for types and capacities of fire extinguishers indicated, with plated or baked-enamel finish.
   2. Door Lock: Cam lock that allows door to be opened during emergency by pulling sharply on door handle.

K. Finishes:

   1. Manufacturer's standard baked-enamel paint for the following:

      a. Exterior of cabinet , door, and trim, except for those surfaces indicated to receive another finish.
      b. Interior of cabinet and door.

2.3 FABRICATION

A. Fire Protection Cabinets: Provide manufacturer's standard box (tub), with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated. Miter and weld joints and grind smooth.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Examine walls and partitions for suitable framing depth and blocking where recessed cabinets will be installed and prepare recesses as required by type and size of cabinet and trim style.

B. Install fire protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.

C. Fire Protection Cabinets: Fasten cabinets to structure, square and plumb.

D. Adjust fire protection cabinet doors to operate easily without binding. Verify that integral locking devices operate properly.

E. Replace fire protection cabinets that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 10522

SECTION 10523 - **FIRE EXTINGUISHERS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes portable, hand-carried fire extinguishers to be located in semi-recessed fire extinguisher cabinets. See SECTION 10522 Fire Extinguisher Cabinets.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Operation and maintenance data.

C. Warranty: Sample of special warranty.

1.3 QUALITY ASSURANCE

A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."

B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.

C. Coordinate type and capacity of fire extinguishers with fire protection cabinets to ensure fit and function.

1.4 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace fire extinguishers that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Failure of hydrostatic test according to NFPA 10.
b. Faulty operation of valves or release levers.

2. Warranty Period: **5** years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS

A. Fire Extinguishers: Type, size, and capacity for locations indicated. Provide one fire extinguisher, mounted in accessible locations, for every 3,000s.f. of floor area and within a maximum 75 ft. travel distance from all floor areas per IFC 1401.1.

1. Manufacturers: Subject to compliance with requirements.

2. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B and bar coding for documenting fire extinguisher location, inspections, maintenance, and recharging.

B. Multipurpose Dry-Chemical Type: **UL-rated 2-A:10-B:C, 5-lb** (2.3-kg) nominal capacity, with mono ammonium phosphate-based dry chemical in manufacturer's standard enameled container.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Examine fire extinguishers for proper charging and tagging.

1. Remove and replace damaged, defective, or undercharged fire extinguishers.

B. Place portable fire extinguishers in cabinets at locations indicated on the Drawings and in compliance with requirements of authorities having jurisdiction.

END OF SECTION 10523

SECTION 11400 - FOOD SERVICE EQUIPMENT

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

1. The food service equipment indicated on the FS drawings and Schedules. And as specified in this Section of the Project Specifications:
2. Work, in general, shall include furnishing, fabricating, delivering, erecting, setting-in-place and securing all of the food service equipment at locations shown on the Drawings.
3. Owner-Furnished Equipment: Where indicated on Equipment Schedule(s). Owner will furnish, and install equipment items.
4. Vendor-Furnished Equipment: Where indicated on Equipment Schedule(s). Vendor will furnish equipment items as close as possible to specified. If vendor requires utilities other than specified, Owner must inform General Contractor with copy to Architect prior to rough-ins.

B. RELATED SECTIONS:

1. Division 15 - Plumbing services and hook-up, including grease interceptors, shut-off valves, trim, traps and related fittings except as specified under individual equipment items in PART 3.
2. Division 15 - Mechanical services and hook-up including ventilator duct work upstream from ceiling and welded connections to ventilators and vent ducts.
3. Division 16 - Electrical services and hook-up, including wiring, line switches, safety cut-outs, control panels, contractors, fuse boxes or other related electrical controls and fittings except as specified under individual equipment items in PART 3.

1.2 SUBMITTALS

A. SHOP DRAWINGS:

1. Plumbing, Mechanical and Electrical Rough-In Drawings detailed and fully dimensioned to a minimum scale of 1/4" = 1'-0". Drawings shall show exact location and requirements of all floor and wall stubs and sleeves for plumbing, electrical, refrigeration lines, beverage lines and ventilation ducts.
2. Depression Plans for drain troughs and insulated floor areas detailed and fully dimensioned to a minimum scale of 1/4" = 1'-0".
3. Drawings of all equipment specified for fabrication detailed and fully dimensioned to a minimum scale of 3/4" = 1'-0". Show all dimensions, details of construction, installation and relation to adjoining work, reinforcing, anchorage and other work required for the complete food service equipment installation.
4. Manufacturer's Shop Drawings for hoods, ventilators, walk-in coolers and other specialized or customized equipment items not covered by standard Specification Sheets.
5. Submit one reproducible transparency and two direct prints of each shop drawing.

B. MANUFACTURER'S SPECIFICATION SHEETS:

1. Equipment Specification Sheets for all items of standard manufacture which show the manufacturer's name, size, descriptive data, capacities, utility requirements, approval labels, etc. Bind in brochure form in numerical sequence in its entirety and submit six copies for review and approval.

C. EQUIPMENT SERVICE MANUALS:
1. Compile product data and related information appropriate for Owner's maintenance and operation of products furnished under Contract which shall include equipment specification sheets, operating instructions, parts lists, service instructions, maintenance instructions, etc. Bind in brochure form in numerical sequence in its entirety and submit three copies for review and approval.

1.3 QUALITY ASSURANCE
A. CODES AND REGULATIONS:
1. All work under this section shall be installed in strict conformance with all federal, state and local codes, laws, regulations and rules that govern food service facilities and operations.
2. All work under this section shall comply, as applicable, with:

a. National Sanitation Foundation and bear NSF label.
b. Underwriters Laboratories and bear UL label.
c. American Gas Association and bear AGA label.
d. American Society of Mechanical Engineers and bear ASME label.
e. National Fire Protection Association Standard NFPA-96

B. FIELD MEASUREMENTS:
1. Take field measurements prior to fabrication of custom equipment items. All equipment must conform to the finished building conditions. Where obstructions occur, the equipment must be scribed, fitted to and around same, resulting in a sanitary homogeneous fixture.

1.4 DELIVERY, STORAGE AND HANDLING
A. DELIVERY: Deliver standard manufactured equipment items to the site ready for use in the manufacturer's original and unopened containers and packaging except those items incorporated in the custom fabrication work. Containers to bear labels stating manufacturer's name, model number and project item number.
B. STORAGE: Store all products and materials under cover in a dry and clean location, off the ground.
C. HANDLING: Protect finishes from damage during handling and construction of other work in the same space. Wrap and crate each item of equipment as necessary for protection from damage. Remove all products and materials which are damaged or otherwise not suitable for installation from the job site and replace with suitable products and materials.

1.5 PROJECT CONDITIONS
A. EXISTING AND PROPOSED: Verify all conditions at job site including utilities, door openings, passage sizes and elevator sizes to assure ingress of equipment.

1.6 WARRANTY
A. STANDARD: Compile Warranties executed and issued by respective manufacturers and suppliers. Bind in brochure form in numerical sequence in its entirety.
B. SPECIAL: All compressors supplied for refrigerated units, either remote connected or as an integral part, shall be supplied with the manufacturer's four year extended warranty to provide a total of five years protection from the date of signed final acceptance. Include in same binders as described above for Standard Warranties.
C. SERVICE CONTRACT: In addition to warranties stated above, provide Service Contract to include labor, materials and parts necessary to replace, repair or restore work of this section that fails or does not operate properly for a period of one year from date of signed final acceptance.

PART 2 - PRODUCTS

2.1 MATERIALS

A. STAINLESS STEEL (S/S): Shall be AISI Type 302 extra low carbon, non-magnetic, Austenitic 18% chrome, 8% nickel corrosion resistant alloy steel (ASTM A 240).

B. GALVANIZED IRON (G.I.): Shall be a commercial quality steel - ASTM A 526 or ASTM A 527 for extensive forming. G90 zinc coated by the hot dip process.

C. GAUGES: Gauges for sheet iron and steel shall be U.S. Standard Gauges and finished equipment gauge thickness shall not vary more than 5% plus or minus from thickness indicated below:

1.

GAUGE	THICKNESS
#10	0.1406 (3.50mm)
#12	0.1094 (2.75mm)
#14	0.0781 (2.00mm)
#16	0.0625 (1.50mm)
#18	0.0500 (1.25mm)
#20	0.0375 (1.00mm)

D. STAINLESS STEEL PIPE AND TUBING: Shall be seamless or welded of gauge specified. Seamless tubing shall be thoroughly and correctly annealed, pickled and ground smooth. Welded tubing shall be thoroughly heat treated and properly quenched to eliminate precipitation, drawn true to size and polished to match stainless steel sheets.

E. STRUCTURAL STEEL: Framing members consisting of angles, bars, channels, etc. shall be ductile in quality, free of hard spots, runs, checks, cracks and other defects. They shall be smooth galvanized by the hot dip process with all surplus removed and be free of runs, blisters, excess spelter and uncoated spots or patches.

F. PLASTIC LAMINATE: Laminated plastic materials shall be Formica, Nevamar or as selected complying with NEMA LD 1 and NSF Standard 35 when applicable.

2.2 MANUFACTURED UNITS

A. STANDARD CATALOG ITEMS: Provide as listed and described in the SCHEDULE portion of PART 3 and Equipment Schedules shown on the Drawings.

B. ELECTRICAL REQUIREMENTS:

1. All portable equipment and items, which plug-in for normal use are to be furnished with an approved cord set to mate with receptacles furnished in the project.
2. In the event that any item of equipment to be included in the work is not available in the electrical characteristics furnished on the project, provide a suitable transformer to make the item work properly on the available power supply.

2.3 SHEET METAL FABRICATION

A. STRENGTH:

1. Include all necessary reinforcing, bracing, welding and the proper number and spacing of uprights and cross members.
2. Wherever size permits, equipment shall be fabricated of a single sheet of metal.
3. Equipment not braced in a rigid manner and which is subject to rattle or wobble will be unacceptable.

B. FINISH:

1. Stainless steel where exposed shall be polished to a #4 commercial finish. Where unexposed, finish may be #2B. The grain of polishing shall run in the same direction on all horizontal and vertical surfaces of each item.

2. Exterior galvanized parts, exposed members of framework and wrought steel pipe where specified to be painted shall be cleaned, properly primed with rust inhibiting primer, degreased and finished with two coats epoxy-based gray Hammertone paint.

C. WELDING:
1. All welding shall be done by the Heliarc method.
2. Where filler rods are used, they should be of the same grade composition as the materials to be joined and contain a flux to minimize carbide precipitation.
3. Welds shall be complete, strong and ductile, sound, non-porous, free of pits, cracks and other mechanical imperfections. Excess metal shall be ground off and polished smooth creating one homogeneous color and finish.
4. Unexposed welds shall be pacified and suitably coated to prevent corrosion.
5. In no case shall soldering be considered as a replacement for welding.
6. Where galvanizing has been burned off, touch up weld with high grade aluminum paint.

D. FIXTURES:
1. All custom fixtures shall be fabricated by one manufacturer.
2. In general, fixtures shall be shop fabricated of one-piece construction and shipped to the job site completely assembled ready to install. Equipment too large to transport or enter the building as one piece shall be constructed so that welded field joints can be made at the job site.
3. Exposed surfaces shall be free from bolt, screw and rivet heads. When bolts are required they shall be of concealed type and be of similar composition as the metal to which they are applied. Where bolts, screws or studs on the interior of fixtures are visible or may come in contact with hands or wiping cloths, they must be capped with an acorn nut with lock washer.
4. Suitable pipe slots shall be provided through all undershelves to accommodate necessary service lines. These slots shall be proper size and neatly made with turned up edges on all four sides to eliminate cutting or defacing equipment on the job site. Cabinet bases shall be provided with an inner panel duct at ends or rear of cabinet to allow for concealed pipe space.
5. Ends of all back splashes and hollow sections to be closed during fabrication of the fixture.

E. SOUND DEADENING:
1. Provide 1/2" wide rope sealant continuously between frame members and underside of table tops, drainboards, overshelves and undershelves. Tighten stud nuts for maximum compression of sealant.

F. PAINTING:
1. Provide the types of painting and coating materials which after drying or curing, are suitable for use in conjunction with food service, and which are durable, non-toxic, non-dusting, not-flaking, mildew resistant and comply with governing regulations for food service use
2. Finish fixtures, except stainless steel fixtures, in gray hammertone air dried enamel, glossy and without blemish.
3. Baked Enamel Finish. Oven bake for minimum of 1-1/2 hours at minimum temperature of 300 degrees F.

G. TRIM AND SEALING:
1. Trim is not an acceptable substitute for accuracy and neatness.
2. Equipment that butts walls shall be scribed and sealed to the walls with a silicone rubber sealant (Dow Corning 780, General Electric Series SE1200, or accepted substitute).
3. Where two or more pieces of equipment join, the seam shall be sealed with a silicone rubber sealant as above.
4. Hi-Temp silicone sealant shall be used at joints adjacent to or between pieces of heat producing equipment.

H. FABRICATION ELECTRICAL REQUIREMENTS:
1. All components and assemblies incorporated in the work shall bear the U.L. label.
2. Wiring shall be make in accordance with prevailing building codes and regulations.
3. Wiring and components shall be waterproof.

4. All fabricated equipment shall be completely wired internally where electrical services are required. All outlets, receptacles, switches, controls, electrical devices and equipment built into or forming an integral part of the fixture shall be furnished, installed and pre-wired to junction boxes. All wiring terminating in junction boxes shall be tagged showing item number, voltage, characteristics and load information.
5. Electrically heated equipment shall be internally wired to a thermostatic control and an "on/off" red neon pilot light both to be mounted in a terminal box on a removable control panel.
6. Rigid steel conduit shall be used for this work, zinc coated where unexposed and chrome plated where exposed.
7. Fluorescent light fixtures shall be complete with ballast and warm white lamps.
8. Receptacles for evaporator coils shall be twist lock type.

I. FABRICATION PLUMBING REQUIREMENTS:
1. All necessary faucets and drains shall be furnished with the food service equipment.
2. Water inlets shall be located above the positive water level to prevent siphoning of liquids into the water system. When submerged inlets are required, suitable check valves and vacuum breakers shall be furnished and installed on the fixture. Where exposed, the piping shall be chrome plated.
3. Cabinet type and closed fixtures shall have indirect wastes pre-piped within fixture to point of discharge above floor sinks. Piping to be chrome plated or stainless steel when exposed.

J. FABRICATION REFRIGERATION REQUIREMENTS:
1. Provide air-cooled condensing units mounted on friction slides in compressor housings with adequate air supply and exhaust for proper operation.
2. All refrigeration systems to be furnished with compressor, expansion valve, isolating valve, sight glass, strainer, dehydrator, relief valve, charging valve, lines and all necessary components to make a completely operable self-contained system.
3. Normal operating temperatures to be:
   a. Refrigerators +35 degrees F.
   b. Freezers -10 degrees F.
   c. Cold Pans +10 degrees F.
4. All refrigerated pans and cabinets shall be fitted with breaker strips where adjoining top or cabinet face materials.

K. CHANNEL FRAME CONSTRUCTION:
1. All equipment of channel frame construction shall be supported by 1" X 5" X 1" X 14 Ga. galvanized channels secured to underside of tops with welded concealed studs, lock washers and acorn cap nuts (S/S when exposed).
2. Where channels intersect each other, they shall be fully welded.
3. Spacing of channels shall be on approximate 30" centers but so located to accommodate drawer enclosures, sinks, enclosed bases, etc.
4. All channels exposed to view shall be 14 Ga. S/S with ends closed.

L. LEGS, FEET & CROSSRAILS:
1. Equipment shall be supported on legs of 1-5/8" O.D. 16 Ga. seamless S/S fitted with S/S bullet-type feet. Standard-Keil Series 1044, or equal. Feet shall have a minimum vertical adjustment of 1-1/2" without showing any evidence of threading. Height to the equipment shall be as specified with the feet exposed to a 2" vertical dimension so as to allow a maximum adjustment of 3/4" above and below that height.
2. Legs shall be attached by means of sanitary type fully enclosed conical gussets of 16 Ga. S/S. Standard-Keil 1018-0206-1283, or equal. Gussets shall be fully welded to channels or gusset plates.
3. All legs shall be braced with crossrails of 1-5/8" 16 Ga. S/S tubing coved and fully welded to legs at 10" above the floor unless specified otherwise. Where crossrails join cabinet bodies, provide Standard-Keil 1016-0206-1283 Leg Socket welded to body.
4. Legs shall not be spaced more that 5'-0" apart.
5. Cabinet bodies supported by legs to have minimum of 6" clearance between floor and bottom of cabinet

M. WORK TOPS:
1. All table tops, counter tops and drainboards shall be 14 Ga. S/S unless specified otherwise.
2. Tops shall have Flat Edge as specified under “Edge Types” on all exposed sides.
3. Where top overhangs body, a minimum gap of 3/4” shall be provided between bottom edge of top and cabinet body.
4. Where back splash or end splash is specified, an angled splash shall be formed by turning up top 90 degrees for 4”, breaking back 2” on a 45 degree angle, and turning up 1”. Close both ends.
5. Where flat splash or flat turn-up is specified, turn edge of top up 90 degrees with “Hug Edge” ground smooth.

N. UNDERSHELVES - OPEN CONSTRUCTION:
1. Undershelves in open base fixtures shall be constructed of 16 Ga. S/S notched at corners and fully welded to legs from the back side. Shelves shall be reinforced longitudinally with 1” X 5” X 1” channels.
2. Front edges of undershelves shall be formed with a Flat Edge as specified under “Edge Types”. Ends & rear to be turned up 2” flat unless specified otherwise.
3. Height of bottom shelf shall be 10” above the floor unless otherwise specified.

O. EDGE TYPES:
1. Rolled Edge shall be formed by the top being rolled down 180 degrees on a 1-1/2” diameter.
2. Bullnose Edge shall be formed by the top being rolled down 120 degrees on a 1-3/4” diameter.
3. Flat Edge shall be formed by turning down the edge of the top 1-1/2” and then back 1/2” at 30 degree angle.
4. Inverted “V” Edge (Marine Edge) shall be formed by raising the edge of the top 1/2” high on a 45 degree angle, then turning down 1-1/2” and back 1/2” at 30 degree angle.
5. Raised Curb or Raised Rolled Edge shall be formed by the top being turned up 3” high and rolled in a 1-1/2” diameter to form a 190 degree closure with corners fully ground. All horizontal and vertical corners to be fully coved.

P. COMPARTMENT TYPE SINKS:
1. Sinks shall be fabricated of 14 Ga. S/S with all interior corners rounded to a 3/4” radius both horizontally and vertically. Front edge of sinks shall be Raised Rolled Edge. Back, bottom and front of all sinks shall be one continuous piece. Bottom of each compartment to be creased to a center waste outlet.
2. Drainboards shall be of 14 Ga. S/S, integral with the sinks, pitched 1/4” per foot to the sinks and with the same backsplash and rolled edge forming one continuous horizontal plane. Polish all backsplashes and tops to have metal grain running in one direction.
3. Partitions between compartments to be 1” wide X full depth double wall construction.
4. Multiple sink compartments shall be provided with continuous and seamless front without applied trim strips, panels or full width facing piece.
5. Back splashes and end splashes for sinks to be as specified above in Paragraph 2.3.M except turned up 8” in lieu of 4” before the 45 degree break.
6. Freestanding sinks to have rear of backsplash fully enclosed with 16 Ga. S/S.
7. Bottom of each sink to be fitted with a cast brass 2” rotary handle operated waste valve complete with S/S strainer, S/S handle assembly and connected overflow. Fisher Mfg. Co. Model 10707, or equal.
8. One Compartment Sinks to be complete with (1) Fisher Mfg. Co. No.13269 Faucet. Two Compartment Sinks to be complete with (1) Fisher Mfg. Co. No. 13269 Faucet. Three Compartment Sinks to be complete with (2) Fisher Mfg. Co. No. 5412 Faucets.

Q. COUNTER SINKS:
1. Sinks shall be fabricated of 14 Ga. S/S with all interior corners rounded to a 3/4” radius both horizontally and vertically. Bottom of sink to be creased to a center waste outlet.
2. Sinks shall be set into table tops with top perimeter fully welded to edge of opening in table top to create one integral unit.
3. Bottom of each sink to be fitted with a cast brass 2” rotary handle operated waste valve

complete with S/S strainer and S/S handle assembly. Fisher Mfg. Co. Model 10758, or equal.

4. Each sink to be complete with (1) Fisher 13269 Faucet (Splash mount) or (1) Fisher 3312 Faucet (Deck mount) as applicable.

R. ENCLOSED CABINET TYPE BASE:

1. Cabinet type bodies shall be formed of 18 Ga. S/S reinforced with 14 Ga. formed hat sections to create a rigid structure.
2. Ends of cabinet bodies to close to wall.
3. Base shall be welded construction with front rails, aprons, mullions and other components welded and polished to appear as one-piece construction.
4. Vertical mullions shall be 1-1/2" wide X 3/4" deep with the inside completely closed with a S/S channel that has top & bottom closed.
5. Interior shelves shall be 16 Ga. S/S all welded, suitably reinforced and formed with 1-1/2" Flat Edge on front. Rear and ends of shelves to be turned-up 2" and feathered slightly to insure tight fit to cabinet ends and/or partitions and be welded in place. Bottom shelves shall have front edge flush to and integral with front face of vertical mullions and to have rear and ends turned up as specified above.
6. Legs and feet shall be as specified in Paragraph 2.3.L above

S. HINGED DOORS

1. Hinged Doors to be double pan construction with 16 Ga. S/S exterior pan, 18 Ga. magnetic type 430 S/S interior pan and full size core of 1" thick urethane.
2. Doors to be flush mounted.
3. Hinges to be S/S lift-off slip-joint type with body side flush mounted in mullion and door side flush mounted in door edge. Standard-Keil 2874 Series, or equal.
4. Pulls to be S/S recessed-type tack welded in place. Standard-Keil 1260-1014-1283, or equal.
5. Magnetic catches to be heavy duty floating magnet type. Standard-Keil Number 2932-1010-3000, or equal.
6. Doors at compressor housings to be single pan 16 Ga. S/S construction with 3" X 1" 18 Ga. magnetic type 430 S/S channel full perimeter inside frame. Weld all corners. Provide small diamond mesh expanded metal inset. Milcor "Small Mesh", or equal (11,000 meshes per square yard). Spray mesh with aluminum paint.

T. DRAWERS

1. Drawer faces to be double pan construction with 16 Ga. S/S exterior pan, 18 Ga. S/S interior pan and full size core of 1" thick urethane.
2. Provide full perimeter rubber bumper with mitered corners on inside pan of drawer face. Standard-Keil 2740-1212-3000, or equal.
3. Drawers to be provided with heavy duty ball-bearing extension roller slides spot welded to pan frame. Standard-Keil 1415-1022-1000, or equal. Drawers to be make self-closing by pitching slides 3/4" back to front.
4. Pan Frame shall be 16 Ga. S/S. Sides and rear of 3/4" X 2" angles and front of 1" X 4" angle. Weld front to inner pan of drawer face.
5. Drawer to be enclosed in 16 Ga. S/S housing secured to underside of table with studs, lock washers and cap nuts.
6. Pulls shall be S/S recessed- type tack welded in place. Standard-Keil 1260-1410-1283, or equal.
7. Locks when specified shall be Standard-Keil 1230-3216-3000, or equal.
8. Provide each drawer complete with 20" X 20" X 5" S/S coved corner drawer pan. Standard-Keil 1481-2020-3282, or equal.

U. CASTERS:

1. Medium duty ball bearing casters with capacity of 300 pounds each.
2. Tires to be 5" diameter X 1-1/8" wide of non-marking red polyurethane.
3. Each mobile unit shall be provided with (2) brake casters (Standard-Keil 1123-3445 3000) and (2) non-brake casters (Standard-Keil 1123-3446-3000), or equal. Mount brake casters diagonally.

V. OVERSHELVES:

1. Wall Hung Shelves shall be 16 Ga. S/S with 1-1/2" Rolled Edge on front, 1-1/2" Flat Edge on ends and 2" high integral back risers.
2. Wall Hung Shelves to be supported on 14 Ga. S/S cantilevered triangular brackets of all welded construction. Top, bottom & back flanges of brackets shall be 1-1/2" wide and secured to wall with S/S bolts with toggles or expansion shields. Secure brackets to studs welded on bottom of shelves with lock washers and S/S cap nuts. Height of wall bracket shall be 6/10 of shelf width. Brackets shall have maximum longitudinal spacing of 5'-0".
3. Install shelves 60" A.F.F. to top surface of shelf unless specified otherwise.
4. Fixture Overshelves shall be 16 Ga. S/S with 1-1/2" Rolled Edge on front, 1-1/2" Flat Edge on ends and 2" high integral back risers.
5. Fixture Overshelves to be supported on 1-1/4" O.D. 16 Ga. S/S tube supports thru top of splash and welded to top framing extended back thickness of splash. Tube supports to be fitted with 14 Ga. S/S brackets welded to supports and sized as indicated above for wall shelves. Weld tube supports full perimeter at penetrations of back splash, grind and polish.
6. Install shelves 60" A.F.F. to top surface of shelf unless specified otherwise.

2.4 PRODUCT REFRIGERATION

A. SYSTEMS:

1. Provide all equipment refrigeration work indicated on the drawings, equipment schedules and specifications including but not limited to: condensing units, evaporator units, controls, piping and all accessories and components as required to provide complete and operable systems in accordance with approved refrigeration practice.
2. Manufacturer's directions shall be followed in all cases where the manufacturer furnishes directions covering points not shown on the drawings and specifications.

B. PIPING:

1. Routing must be coordinated with other trades to avoid conflict of space use.
2. All horizontal and vertical runs of tubing shall be securely supported and/or fastened to prevent sagging. No sharp bends or kinks will be permitted. Piping and manifolds to be kept high as practicable to avoid trapping suction lines.
3. After lines have been run, all sleeves including sleeves through refrigerator bodies shall be, caulked and made water-tight using Permagum, Pecora or equivalent material.
4. Connections in piping shall be accomplished using sweat fittings except at easily accessible valves and controls where flared fittings may be used.
5. Cap all piping until final connections are made.
6. Refrigerant pipe shall be type "L" all hard drawn seamless copper tubing with silver soldered joints.
7. Piping within walk-in compartments shall be finished with Chromotone paint.
8. All lines outside of refrigerated compartments shall be insulated the entire length from evaporator to the condensing unit with 3/8" thick Armstrong "Armaflex", or accepted substitute. Group insulation of lines is not permitted.
9. Provide drain line heaters wired for evaporator line voltage in all freezer compartments.

C. SYSTEM COMPONENTS:

1. Each system shall consist of refrigerant, Type "L" piping, liquid & suction line stop valves, evaporator, thermostatic expansion valve, heat exchanger, liquid line solenoid valve, filter-drier, liquid indicator, vibration eliminator and condensing unit.
2. Temperature of refrigerated compartments shall be controlled by means of a thermostat wired to actuate a solenoid valve in the liquid line.
3. Provide and install all hangers for evaporator coils as required.
4. Refrigerant shut-off valves in the refrigerant piping shall be Henry, or accepted substitute, for line sizes 7/8" O.D. and larger and packless diaphragm type for smaller sizes.
5. Expansion valves shall be Sporran, or accepted substitute, and placed in the liquid line at the point where line enters the evaporator.
6. Filter-Drier shall be Sporran, or accepted substitute.

7. Sight-glass shall be Sporran, or accepted substitute, and placed in the liquid line.
8. Solenoid valves shall be Sporran type with manual lift stem, or accepted substitute, and placed in the liquid line with room thermostat.

D. TESTING:
1. Lines shall be blown out with dry nitrogen prior to making final connections.
2. Accomplish pressure test to 150 pounds (or higher if required by code).
3. Evacuate system with a vacuum pump for a period of 24 hours. Break vacuum with refrigerant to 0 PSIG, re-establish vacuum and charge with refrigerant for operation. Run operational check for 3 days.

2.5 PRE-FABRICATED WALK-IN COOLERS & FREEZERS

A. PANELS:
1. Pre-fabricated modularized sectional-constructed panels with a 4" thick core of rigid urethane "foamed in place" insulation. Urethane to bind tenaciously to interior and exterior metal pans to form a rigid structurally sound wall without the use of any wood support members. Slab urethane, polystyrene, high-density rails or wood shall not be acceptable in any panel including doors, walls and ceilings. "U" Factor shall not exceed .035. Finish to be 20-gauge stainless steel exposed exterior. Interior walls shall be 0.35 stucco embossed aluminum, interior ceiling shall be 0.35 aluminum with white acrylic finish, and non-exposed exterior shall be 26 ga. Galvanized steel. Overall height to be 8'-6-1/4" high.
2. Panel joints shall be tongue and groove with flexible double bubble vinyl gasket foamed attachment to the flange of the metal skins along inside and outside at the abutting interface of each panel joint.
3. Panels shall be joined with cam action hooked locking arms engaging steel rods in adjacent panel with a minimum of three locks on each vertical joint.
4. Ceiling panels to be 5" thick core of rigid urethane "foamed in place" insulation with a U factor of .028.

B. INTERIOR PARTITIONS:
1. When required, shall be of same construction as the perimeter panels.

C. FLOORS:
1. Pre-fabricated Floor: When required, to be constructed of insulated modularized panels made to withstand loads up to 700 pounds per square foot and with .100 aluminum foamed-in-place treadplate wearing surface. .100 aluminum treadplate reinforced ramps at each door.
2. Built-in insulated floors: Provide floor screeds with gaskets when the building floor at walk-in locations has been properly insulated and fitted with redwood breakers. Floor Screeds to be furnished for all wall panels and be secured and sealed to the building floor.
Provide for depressed subfloor membrane and insulation assembly as per detail drawing including the following:
Apply to clean, smooth an level subfloor asphalt emulsion (ASTM D1187 claytype). Cover with Alumiseal Zero Perm vapor barrier (0.00 perm as determined by ASTM E96-80) joints lapped 6 inches minimum, and flashed up sides of recess.

Install 2 layers of 2" thick rigid urethane boardform same density and conductivity as panel insulation, joints shall be staggered.

Apply 15 pound protective felt strip over insulation, flashed up the sides of the wall panels the height of the cove base, with joints lapped 6 inches minimum.

D. COVED BASE:
1. When Pre-fabricated floors are specified, provide 18 gauge S/S Coved Base at all

exterior walls.

2. When Walk-ins are erected on built-in insulated building floors, provide 18 gauge S/S Coved Base at all interior walls and exposed exterior walls when quarry tile coved base is not provided as part of the building floor.

E. LISTINGS: Walk-Ins shall be listed with U.L. and NSF and bear their labels. Additional each compartment shall bear a label indicating "Class 1-Insulated panel as certified by an independent testing laboratory" to have surface burn spread25 or less determined by ASTM E-84.

F. DOORS:

1. Doors are to be in-fitting flush-type with:
   a. Clear Opening of 36" X 78".
   b. 15" X 20" Tri-Pane glass vision panel with heater wire full perimeter.
   c. Replaceable dual-blade adjustable rubber wiper gasket.
   d. Kason model 58 (padlock hole) keyed latch with inside release.
   e. Kason No. 1256 cam-lift chrome plated hinges. (three per door)
   f. Bellows type gasket with vulcanized corners and continuous magnetic core.
   g. Heater wires in perimeter of door. Pre-wire to electric splice box. Non exposed electrical in both cooler and freezer doors.
   h. 36" high kickplate of 1/8" diamond treadplate on interior and exterior door and jamb.
   i. Adjustable hydraulic arm door closer, with hold open feature.\
   j. Front, back and edges of door(s) shall be clad with 20 gauge #304 stainless steel. Sheet metal joints of door shall be heliarc welded, ground smooth and polished.
   k. All hardware shall be mounted with reinforced 1/8" steel tapping plates.
   l. Interior door bumper bar shall be ¼" x 2" aluminum channel, 3'-0" above finished floor.

G. DOOR FRAME:

1. Door frame to match finish and construction of wall panels and be fitted with:
   a) Kason No. 1830 two-way heated pressure relief ventilator port (In freezers only).
   b) Kason four foot fluorescent fixture No. 1810F00048.
   c) Factory install and wire interior and exterior companion 3-way and or 4-way AC press-switches, where indicated, mounted in "FS" boxes adjacent to latch side of door opening. Switch covers shall be neoprene, weatherproof press-switch with embedded red plastic pilot light. Interior red light shall be constant burning and exterior indicating lights are on. Rigid UL listed conduit and wiring shall be run within insulated wall panel. Conduit shall be terminated with "EI" seal off at exterior of roof panel. Only conduit and wiring within wall panel. Including boxes, light fixture, switches and cover plates, shall be furnished as part of this section .
   d) Exterior flush dial thermometer 2 ½".
   e) Extruded Aluminum threshold and heater wire channel with 12 gauge stainless steel threshold.
   f) All hardware shall be 3/16" stainless steel machine screws with nyloc, drilled and tapped.
   g) Door casing raised ¼" an 4 inches wide at sides and head, clad with 18 gauge stainless steel.

H. CLOSURE PANELS: When open spaces occur between top of walk-in and building finished ceiling, and/or between walk-in walls and building walls, close openings with 20 gauge stainless steel closure panels or trim to match exterior walls of walk-ins.

2.6 MILLWORK FABRICATION

A. STANDARDS

1. Construction and installation of all millwork shall be as indicated on the drawings and shall conform to the requirements of all Architectural Woodwork Institute Standards of "custom grade" work.

B. MATERIALS

1. Millwork and materials shall conform in all respects to codes for fire retardant treatments.
2. Unexposed wood shall be Grade B Red Gum, Yellow Poplar, Birch or other suitable hardwood standard with the mill shop. Plywood shall be Douglas Fir or Birch of the thickness indicated on the drawings or as required, good one or both sides as conditions require. Exposed faces shall be surfaced with a medium density phenolic overlay. Hardwood, plywood, particleboard core, good one or both sides as required. Shall have face veneers of the species and match indicated on the drawings. Moldings, trim, solid hardwood exposed to view, etc. shall be of the shapes and sizes indicated on the drawings. Birch shall be plain sawn and oak shall be plain sawn "Red Oak" unless otherwise indicated. Plastic laminate for cabinetwork shall be Formica, Nevamar, or as approved. All materials shall be laminated to close-grained plywood such as birch or douglas fir of selected smooth sanded stock to insure a ripple free surface. Top sheet shall be placed on and over finished edge. Millwork that abuts exterior walls shall be back primed.

2.7 EXISTING EQUIPMENT

A. UTILITY CONNECTIONS:
1. Work of this Section does not include disconnecting or reconnecting of plumbing, electrical or mechanical services from and/or to the existing food service equipment.
2. Disconnecting and reconnecting Work is to be performed by the respective trades per Paragraph 1.1B or the Food Service Equipment Specifications.

B. REMOVAL & STORAGE:
1. Remove and store at a location as directed, for the duration of the Construction Phase, all equipment scheduled for re-use.

C. EQUIPMENT CONDITION:
1. Existing Equipment scheduled for re-use has been inspected and found to be in good working order. If this Contractor finds any concealed damage or other conditions detrimental to re-use during the process of removing and reconditioning, he shall notify the Owner and/or General Contractor of his findings.

D. RECONDITIONING:
1. Steam clean all grease coated or food encrusted items of equipment.
2. Perform minor surface repairs, reweld, grind & polish broken welds, replace broken or missing small parts such as knobs and repaint all damaged painted surfaces with paint matching original.

PART 3 - EXECUTION

3.1 EXAMINATION

A. INSPECTION:
1. Study the contract drawings and specifications with regard to the work as shown and required under this Section so as to insure its completeness.
2. Examine surfaces and conditions to which this work is to be attached, or applied, or occupy . Starting on the work shall imply acceptance of the surfaces and conditions to perform the work as specified.
3. Verify by measurements taken at the job site, those dimensions affecting the work. Bring field dimensions which are at variance with those on the approved shop drawings to the attention of the Architect. Obtain decision regarding corrective measures before the start of fabrication or installation.
4. Coordinate equipment provided and all utility requirements with respective drawings and specifications to assure proper rough-in, utility services and conformance to applicable code requirements.
5. Cooperate in the coordination and scheduling of the work of this Section with the work of other sections so as not to delay job progress.

3.2 INSTALLATION

A. GENERAL:
1. Install all equipment in strict accordance with manufacturer's directions and recommendations by skilled mechanics of trades generally associated with individual items. Secure and seal all items in place as shown on the drawings.
2. Provide competent field representative to be present to advise the respective trades (Such as utility rough-in work and hook-up), and verify size and location of all concealed utility work before it is covered.

3.3 PROTECTION AND CLEANING
A. PROTECTION:
1. Protect the installed work using adequate and suitable means, during and after installation and until accepted by Owner.
2. Perform all final adjustments just prior to final inspection.
B. REPAIR:
1. Surfaces which become damaged, marred, scratched, abraded or are not sound shall be repaired or removed and replaced, as determined by the Owner.
C. CLEANING:
1. Clean surfaces of grime, dust and general construction dirt and polish all equipment prior to final inspection and acceptance.

3.4 TESTING AND REGULATING
A. GENERAL:
1. Test, regulate and prove to the Owner or his representative that all equipment is operating properly.
B. START-UP:
1. During testing and start-up, the Manufacturer's Representative for each item of standard manufacture shall be present and shall instruct the Owner's personnel in proper operation, maintenance and safety procedures.

3.5 SCHEDULE OF EQUIPMENT
A. ITEM SPECIFICATIONS:
1. Refer to Equipment Schedule on Drawings.
2. Item Equipment Numbers correspond to equipment item numbers on the drawing plans, elevations and details. Item Specifications describe equipment desired and required for this project.
3. Requests submitted in accordance with requirements for Substitutions or Prior Approvals will be governed equal by comparison to standard specified manufacturer's published specifications in regard to sizes, capacities, function, finish and project compatibility of utility sizes and characteristics.

ITEM 1 - AIR CURTAIN (1 REQ'D)
Mars Air Systems Model LPV242-1UA-PW
LoPro Series 2 Air Curtain, for 42" wide door, Unheated, (1) 1/6 HP motor, Pearl White powder coated cabinet (Standard Production Color), cETLus

Accessories:
1 ea 5 year parts warranty
1 ea Model 99-014 Steel Mechanical Universal Surface-mounted Plunger/Roller Switch

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 2 - EMPLOYEE LOCKERS LOCKER (3 REQ'D)
SPG International Model 4K0034

Kelmax Locker, two tier, single wide, (2) 12"W x 15"D x 36"H doors, beige powder coated paint finish, double latch, 6" legs

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 3 - MOP SINK (1 REQ'D)
GSW USA Model SE2424FM
Mop Sink, floor mount, 20"W x 20"D x 10"H bowl, includes plastic basket strainer, stainless steel construction, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 4 - SERVICE FAUCET (1 REQ'D)
Fisher Model 8253
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 5 - ICE MACHINE ASSEMBLY (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to remain.

ITEM 6 - BREW STATION TABLE W/ SINK (1 REQ'D)
Custom Fabricated Stainless Steel
304 16 ga S/S top with 4" back splash, (1) 10" x 14"x 10" fully welded sink bowl with deck mount faucet and basketwaste. Provide with S/S legs and 16 ga S/S undershelf per plans and elevations.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 7 - COFFEE BREWER (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 8 - ICED TEA BREWER (1 REQ'D)
BUNN Model 36700.0300
36700.0300 TB6 Twin Iced Tea Brewer, (2) 3-gallon capacity, 16.3 gallon/hour, rotating brew basket, base platform adapter, dedicated dilution nozzles, brew selection switch, adjustable sleep time, SplashGard® funnel, color coded decals, designed for brewing into (2) 3.5 gallon BUNN narrow tea dispensers, , cord attached, UL, NSF

Accessories:
2 ea TDO-N-3.5 Narrow Iced Beverage Dispenser, 3.5 gallon capacity, sump dispense valve, front-back handles, 8" cup clearance, for use with BUNN TB-3, TB-3Q and ITCB brewers with 29" trunk height, NSF

Provide and install in location shown on plan and per manufactures recommendations complying

with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 9 - SPARE NUMBER

ITEM 10 - CHEMICAL STORAGE SHELVING UNIT (1 REQ'D)
NEXEL Model EPOXY
Starter Shelving Unit, wire, 86"H, (5) shelves, (4) posts & plastic shelf clips, Nexelon™ blue metallic epoxy finish with Nexgard anti-microbial coating, NSF. See plan for size and configuration.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 11 - REACH-IN FREEZER (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 12 - SPARE NUMBER

ITEM 13 - SPARE NUMBER

ITEM 14 - SPARE NUMBER

ITEM 15 - WALK-IN COOLER / FREEZER (1 REQ'D)
American Panel Corporation Custom Prefabricated Unit
Prefabricated 4" insulated panel construction. Walk in cooler/freezer as per plan, 8'6" High, diamond Tread Plate, door kick Plates, strip Curtain, vision Window. Monitoring System, LED Light Fixtures, Bulbs by others, refer to walk in drawing FS 6.1 for complete details and specifications. KEC to assemble walk in cooler and provide closure trim panels to fully seal walk-in panels to building walls and ceiling.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 16 - COOLER EVAP COIL (1 REQ'D)
American Panel Corporation Model ADT130
Evaporator Coil , Cooler compartment. Refer to walk in drawing FS 6.1 for complete details and specifications. installation of evaporator coil and remote Condenser by KEC

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 17 - COOLER CONDENSING UNIT (1 REQ'D)
American Panel Corporation Model FFAP-017Z
Condensing Unit, Cooler compartment. Refer to walk in drawing FS 6.1 for complete details and specifications. Installation of evaporator coil and remote Condenser by KEC. KEC to provide approved shop drawings to GC for final review and approval.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 18 - FREEZER EVAP COIL (1 REQ'D)
American Panel Corporation Model LET075
Evaporator Coil , Freezer compartment. Refer to walk in drawing FS 6.1 for complete details and specifications. installation of evaporator coil and remote Condenser by KEC

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 19 - FREEZER CONDENSING UNIT (1 REQ'D)
American Panel Corporation Model AVA2510ZXTXC
Condensing Unit, Freezer compartment. Refer to walk in drawing FS 6.1 for complete details and specifications. Installation of evaporator coil and remote Condenser by KEC. KEC to provide approved shop drawings to GC for final review and approval.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 20 - WIRE SHELVING UNIT (13 REQ'D)
NEXEL Model Epoxy
Starter Shelving Unit, wire, 86"H, (5) shelves, (4) posts & plastic shelf clips, Nexelon™ blue metallic epoxy finish with Nexgard anti-microbial coating, NSF

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 21 - SPARE NUMBER

ITEM 22 - HAND SINK (3 REQ'D)
GSW USA Model HS-1217S
Hand Sink, wall mount, one compartment, 12-5/8"W x 17-7/8"D x 13-3/8"H overall size, 9-3/4" wide x 13-3/4" front-to-back x 5-5/8" deep sink bowl, welded splash guards, includes: no lead wall mount gooseneck faucet (AA-410G) & strainer (AA-141), 304 stainless steel construction, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 23 - CAN RACK (1 REQ'D)
New Age Model 1250
Can Storage Rack, stationary design with adjustable feet, sloped glides for automatic can retrieval, aluminum construction, holds (162) #10 cans or (216) #5 cans, NSF, Made in USA

Accessories:
1 ea Lifetime warranty against rust & corrosion, 5 year workmanship and material defects warranty

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet

utility requirements listed on rough-in plans.

ITEM 24 - DRY STORAGE SHELVING UNITS (12 REQ'D)
NEXEL Model Chrome
Starter Shelving Unit, wire, 86"H, (5) shelves, (4) posts & plastic shelf clips, electro-plated nickel-chrome finish, KD, NSF. See plan for size and configuration.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 25 - CORNER GUARDS & S/S WALL CAPS (8 REQ'D)
Custom Fabricated Stainless Steel
304 S/S construction. 2" x 2" angle with hug edges from cove base to ceiling. Verify with field conditions prior to fabrication.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 26 - WORK TABLE (1 REQ'D)
John Boos Model ST6R5-2472SSK
Work Table, 72"W x 24"D, 16/300 stainless steel top with 5" backsplash, with Stallion Safety Edge front, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 27 - WALL SHELVES (2 REQ'D)
GSW USA Model WS-W1272
Shelf, wall-mounted, 72"W x 12"D x 10"H, holds up to 200 lb. capacity, includes (4) brackets & hardware, 18 gauge polished stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 28 - SPARE NUMBER

ITEM 29 - SHEET PAN RACK (4 REQ'D)
New Age Model 1331
Bun Pan Rack, mobile, full height, end loading, open sides, accommodates (20) 18" x 26" pans, slides on 3" centers, all welded aluminum construction, (4) 5" platform casters, NSF, Made in USA

Accessories:
4 ea Lifetime warranty against rust & corrosion, 5 year workmanship and material defects warranty, standard
4 ea 5" platform type casters, std.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 30 - SPARE NUMBER

ITEM 31 - PREP TABLE W/ SINKS (1 REQ'D)
Custom Fabricated Stainless Steel
304 14 ga S/S top with 6" high back splash, S/S legs and 16 ga undershelf. Provide with (2) 24" x 24" x 14" fully welded sink bowls with 1/4" S/S rod support brackets for cutting board insets, splash mount faucet and leverwastes. Provide with 1" thick white poly cutting boards that sit flush with top when installed. Include S/S cutting board storage brackets.

Accessories:
1 ea Faucet Aerator, 1.5 gpm, 55/64" female inlet & 15/16" male inlet
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 32 - WALL SHELVES (4 REQ'D)
GSW USA Model WS-W1266
Shelf, wall-mounted, 66"W x 12"D x 10"H, holds up to 200 lb. capacity, includes (5) brackets & hardware, 18 gauge polished stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 33 - PRE-RINSE FAUCET ASSEMBLY, WITH ADD ON FAUCET (2 REQ'D)
T&S Brass Model B-2285-12-CR-BC
EasyInstall Pre-Rinse Unit, single-deck mount, single temperature, add-on faucet, 12" swing nozzle, 24" riser, quarter-turn Cerama cartridge with check valves, lever handle, 44" stainless steel flex hose, heat-resistant handle, 0.65 GPM low flow spray valve (B-0107-C), 6" wall bracket (B-0109-01), 1/2" NPSM male inlet, polished chrome-plated brass body, low lead content, cCSAus, EPAct 2005 compliant

Accessories:
1 ea Faucet Aerator, 1.5 gpm, 55/64" female inlet & 15/16" male inlet
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 34 - SLICER (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 35 - FOOD PROCESSOR (1 REQ'D)
Robot Coupe Model R2N
Commercial Food Processor, 3 liter gray polycarbonate bowl with handle, vegetable prep attachment with external ejection, kidney-shaped opening, includes: (1) "S" blade (27055), (1) 2mm grating disc (27577),

(1) 4mm slicing disc (27566), continuous feed, bowl attachment designed for vertical cutting & mixing, on/off & pulse switch, single speed, 1725 RPM, 1 HP, , cETLus, ETL-Sanitation

Accessoies:
1 ea 1 year parts & labor warranty
1 ea 3 year motor warranty
1 st Model SP5DISC SP5Disc, (5) disc package includes: (1) 1/4" grating disc, (1) 1/4" x 1/4" julienne disc, (1) 5/64" julienne disc, (1) 1/32" slicing disc, (1) 1/4" slicing disc

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 36 - PLASTIC SHELVING UNIT (3 REQ'D)
Cambro Model Elements
Camshelving® Elements Mobile Unit, 78"H, 4-tier, withstands temperature from -36°F (-38°C) to 190°F (88°C), includes: (4) vented reinforced polypropylene shelf plates with Camguard® antimicrobial protection, (4) composite posts, pre-assembled post connectors & wedges, (8) mobile traverses & (4) bags of 8 count dovetails (16 each A & B), (4) premium swivel casters with total locking brake, 750 lbs. max capacity, brushed graphite, NSF

Accessories:
3 ea Lifetime warranty against corrosion and rust
10 ea Model CSDR7151 Camshelving® Vertical Drying & Storage Cradle, 10-1/4"W x 23-1/2"L x 3-3/4"H, 7-slot rack, allows sufficient air circulation (maximum product width of 1-5/16"), fits all 24" wide Camshelving®, Camshelving® Elements, Mobile or Stationary up to 24"L to 72"L shelving units, soft gray, high impact ABS, NSF

ITEM 37 - SPARE NUMBER

ITEM 38 - PREP TABLE W/ SINK (1 REQ'D)
Custom Fabricated Stainless Steel

304 14 ga S/S top with 6" high back splash, S/S legs and 16 ga undershelf. Provide with (1) 24" x 24" x 14" fully welded sink bowls with 1/4" S/S rod support brackets for cutting board inset, splash mount faucet and leverwastes. Provide with 1" thick white poly cutting boards that sit flush with top when installed. Include S/S cutting board storage bracket.

Accessories:
1 ea Faucet Aerator, 1.5 gpm, 55/64" female inlet & 15/16" male inlet
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 39 - WALL SHELVING (2 REQ'D)
GSW USA Model WS-W1248
Shelf, wall-mounted, 48"W x 12"D x 10"H, holds up to 250 lb. capacity, includes (3) brackets & hardware, 18 gauge polished stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 40 - EXHAUST HOOD (1 REQ'D)
Captive-Aire Model 6030ND-2-PSP-F
S/S construction, S/S type grease filters, front eye brow make-up air plenum. Hoods to be pre-piped for fire suppression system. See manufacturer Data sheet for additional information.

1. Stainless steel construction where exposed
2. Hood to be UL listed
3. Stainless steel Captrate Solo type baffle filters.
4. Provide stainless steel closure panels from top of hood to building ceiling
5. Incandescent light fixtures w/ wire lamp guards located as shown on plans
6. Mount unit to overhead building structure w/ bottom of hood at 78" above finished floor

Provide to site in crated for installation by G.C. Coordinate delivery schedule with G.C. Item should be provided with all accessories listed and shown on hood submittal pans in FS plan set and meet utility requirements listed on rough-in plans.

ITEM 41 - FIRE SUPPRESSION SYSTEM (1 REQ'D)
Captive-Aire Model R-102
Wet chemical, pre-piped system with mechanical gas shut off valve, chrome plated drops where exposed, nozzles, tanks and fuses for a complete and operable system. KEC to provide with all tests & permits with installation.

1. Wet chemical pre-piped system for type I exhaust hoods.
2. System to provide ventilator, duct and surface protection in compliance w/ NFPA and all applicable codes
3. System to be complete with mechanical shut-off valves, chrome plated nozzles and exposed piping, cables, conduit, cylinders, pull stations, micro-switch w/ dual contacts and parts of every description for a complete operable system.
4. System to be installed by authorized personnel in accordance w/ UL listing
5. Provide, install and label remote pull station where indicated on plans.
6. Provide complete system including all required permits and testing.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 42 - ELECTRICAL CONTROL PACKAGE (1 REQ'D)
Captive-Aire Model SC-311110MA
Ventilation control panel for Exhaust Fans, Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans activate based on duct temperature. INVERTER DUTY THREE PHASE MOTOR REQUIRED! Room temperature sensor shipped loose for field installation. Includes 3 Duct Thermostat kits.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 43 - S/S WALL FLASHING (1 REQ'D)
Custom Fabricated Stainless Steel
304 18 ga S/S construction from cove base to + 79" AFF with "T" trim strip moldings.

Provide and install in location shown on plan and per manufactures recommendations complying

with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 44 - DOUBLE CONVECTION OVEN (1 REQ'D)
Vulcan Model VC44GD
Convection Oven, gas, double-deck, standard depth, solid state controls, electronic spark igniters, 60 minute timer, (5) nickel plated racks per oven, 8" high legs, stainless steel front, top and sides, stainless steel doors with windows, 50,000 BTU each section, NSF, CSA Star, CSA Flame, ENERGY STAR®

Accessories
1 ea 1 year limited parts & labor warranty
1 ea (2) total, (2) 6' cords with plugs
1 ea Gas manifold piping included with stacking kit to provide single point gas connection
1 ea ¾" Quick disconnect Hose, 48" long gas flex hose & quick disconnect with restraining device
1 st Casters, set of (4) in lieu of standard legs

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 45 - STEAMER W/ STAND (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 46 - 30 GAL TILT SKILLET (1 REQ'D)
Groen Model BPM-30GC
Braising Pan, gas, 30-gallon capacity, 10" deep pan, 38" pan height, IPX6 water rated electronic Classic controls, manual tilt, standard etch marks, faucet bracket, round tubular open leg base, stainless steel construction, bullet feet, electric spark ignition, 104,000 BTU/hr, cCSAus, NSF, IPX6, Made in USA

Accessories:
1 ea (1) year parts & labor, (10) year pan warranty
1 ea 2" Tangent draw-off with perforated strainer
1 ea Model 146222 Faucet, double pantry, with swing spout & riser, left or right-sided mounting
1 ea Model 146221 Flanged Feet, for all BPM & BPP models (set of 2)

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 47 - FLOOR TROUGH (1 REQ'D)
John Boos Model FTFG-1836
Floor Trough, 36"W x 18"D, subway-style fiberglass grating, 4" deep all-welded drain pan with built-in pitch, accommodates up to a 4" diameter pipe, includes stainless steel removable perforated strainer, 14/300 stainless steel

Provide to site in crated for installation by G.C. Coordinate delivery schedule with G.C. Item should be provided with all accessories listed and shown on hood submittal pans in FS plan set and meet utility requirements listed on rough-in plans.

ITEM 48 - 6 O.B. RANGE W/ OVEN (1 REQ'D)
Imperial Model IR-6-C

Restaurant Range, gas, 36", (6) open burners, convection oven, (3) chrome racks, removable crumb tray, stainless steel front, sides, backguard, landing ledge & kick plate, 6" legs, adjustable feet, 1/4 HP, 222,000 BTU, NSF, CE, CSA Flame, CSA Star

Accessories:
1 ea Limited one year parts and labor warranty
1 ea cord & plug
1 ea Stainless steel backguard with shelf
1 ea Swivel casters (set of 4) two with brakes, per set
1 ea ¾" Quick disconnect Hose, 48" long gas flex hose & quick disconnect with restraining device

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 49 - WORK TABLE (1 REQ'D)
GSW USA Model WT-P3072B
Premium Work Table, 72"W x 30"D x 35"H, 16/304 stainless steel top, 18 gauge stainless steel legs with side & rear cross rails, adjustable plastic bullet feet, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 50 - WALL SHELF (1 REQ'D)
GSW USA Model WS-W1272
Shelf, wall-mounted, 72"W x 12"D x 10"H, holds up to 200 lb. capacity, includes (4) brackets & hardware, 18 gauge polished stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 51 - INGREDIENT BIN (4 REQ'D)
Cambro Model IBS27148
Ingredient Bin, mobile, 27 gallon capacity, 1-pc seamless polyethylene bin, 2-pc sliding polycarbonate lid, S-hook on front (scoop NOT included), (4) 3" heavy duty casters (2 front swivel, 2 fixed), white with clear cover, NSF

Accessories:
4 ea Model SCP24CW135 Camwear® Scoop, 24 oz., polycarbonate, clear, NSF

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 52 - PLANETARY MIXER (1 REQ'D)
Globe Model SP08
Planetary Mixer, 8 qt., countertop model, 3-speed (fixed), gear-driven transmission, front-mounted touchpad controls with 15-minute digital timer, safety interlocked bowl lift, thermal overload protection, includes: polycarbonate bowl guard with chute, stainless steel bowl & whip, aluminum beater & spiral dough hook, cast aluminum body, 1/4 HP, cord, , NSF, cETLus

Accessories:
1 ea 2-year parts & labor warranty (1-year parts only warranty on agitator and hub accessories, no labor provided)

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 53 - PLANETARY MIXER (1 REQ'D)
Globe Model SP60
Planetary Mixer, 60 qt., floor model, 3-speed (fixed), #12 hub, includes: stainless steel removable bowl guard with built-in ingredient chute, stainless steel wire whip, aluminum flat beater, aluminum spiral dough hook & bowl truck, safety interlocked bowl guard & bowl lift, gear-driven, high torque transmission, heat-treated hardened steel alloy gears & shafts, thermal overload protection, front-mounted touchpad controls with 60-minute digital timer & last batch recall, non-slip rubber feet, cast iron body, 6 ft cord & plug, 3 HP, NSF, cETLus

Accessories:
1 ea 2-year parts & labor warranty (1-year parts only warranty on agitator and hub accessories, no labor provided) (excludes wear items)

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 54 - COUNTERTOP GRIDDLE (1 REQ'D)
Imperial Model ITG-60
Griddle, countertop, gas, 60" W x 24" D cooking surface, 1" thick polished steel plate, thermostatic controls, 4" wide front grease trough, removable grease can, stainless steel front, sides, splash guards & ledge, 4" legs, 150,000 BTU, cETLus, NSF, CE

Accessories:
1 ea Limited one year parts and labor warranty
1 ea ¾" Quick disconnect Hose, 48" long gas flex hose & quick disconnect with restraining device

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 55 - REFRIGERATED BASE (1 REQ'D)
True Manufacturing Co., Inc. Model TRCB-52-60
Refrigerated Chef Base, 51-7/8"W base, 60"W one-piece 300 series 18 gauge stainless steel top with V edge, (2) drawers (accommodates (3) 12" x 20" x 4" pans, NOT included), stainless steel front/sides, aluminum back, aluminum interior with stainless steel floor, 4" castors, 1/3 HP, , cULus, UL EPH Classified, CE, Made in USA

Accessories:
1 ea Self-contained refrigeration
1 ea Warranty - 5 year compressor
1 ea Warranty - 3 year parts and labor
1 ea 4" Castors, standard

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 56 - DROP-IN HOT FOOD WELL (1 REQ'D)
Alto-Shaam Model 200-HWIS/D6
Halo Heat® Hot Food Well Unit, Drop-In, Electric, 44-3/8"W x 14-15/16"D, (2) 12" x 20" full-size pan capacity (pans NOT included), 6-3/8" deep well, holds 6" deep pans, (2) individual adjustable thermostatic controllers, stainless steel construction, EcoSmart®, cULus, UL EPH Classified, CE, IPX3, TUV NORD, EAC

Accessories:
1 ea 6 ft. cord, , standard
1 ea Cord located on back of control box

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 57 - WORK TABLE (2 REQ'D)
John Boos Model ST6-3672SSK
Work Table, 72"W x 36"D, 16/300 stainless steel flat top, with Stallion Safety Edge front & back, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD

Accessories:
2 ea Model OSE16FK-1272 Overshelf, single, 72"W x 12"D, 16/300 stainless steel flat top, mounted 18" above table top, 1" stainless steel post, KD, NSF

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 58 - TABLE MOUNTED POT RACK (1 REQ'D)
John Boos Model PRTC3
Pot Rack, table mount, oval, 67-1/4"W x 18"D x 48"H overall size, 3/16" x 2" stainless steel flat bar, includes (18) stainless steel double hooks, 16/300 stainless steel construction, NSF, CSA-Sanitation

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 59 - REACH-IN REFRIGERATOR (1 REQ'D)
True Manufacturing Co., Inc. Model T-23-HC
Refrigerator, reach-in, one-section, (1) solid door, (3) PVC coated adjustable wire shelves, interior lighting, stainless steel door, stainless steel front, aluminum sides, clear coated aluminum interior with stainless steel floor, 4" castors, R290 Hydrocarbon refrigerant, 1/4 HP, , cULus, UL EPH Classified, CE, Made in USA, ENERGY STAR®

Accessories:
1 ea Self-contained refrigeration
1 ea Warranty - 5 year compressor

1 ea 4" stem castors
1 ea Warranty - 3 year parts and labor
1 ea Door hinged per plan

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 60 - PASS-THRU MOBILE HEATED CABINET (1 REQ'D)
Metro Model C569-NDS-UPDSA
C5™ 6 Series Heated Holding Cabinet, mobile, full height, pass thru, insulated, solid Dutch doors, top mount controls & analog thermometer, ducted heating system, thermostat 70° to 200°F temp, universal wire slides (17) 18" x 26" or (32) 12" x 20" x 2-1/2" pan capacity, 3" OC (adjustable on 1-1/2" increments), 5" casters (2 with brakes), aluminum, , cULus, NSF

Accessories:
1 ea Door hinged per plan

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 61 - ISLAND PREP TABLE (1 REQ'D)
John Boos Model ST6-3672SSK
Work Table, 72"W x 36"D, 16/300 stainless steel flat top, with Stallion Safety Edge front & back, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD

Accessories:
1 ea Model X-0208A Cutout per sketch
1 ft Model X-0208J Apron in front of sink or drop-in for modular base work tables
1 ea Model EBOX24 Single gang junction box (empty), welded in stainless steel mounting bracket, mounts below table top or overshelf
1 st Model CAS01-R Casters, 5", heavy duty, locking, for 1-5/8" diameter legs (set of 4)
1 ea Model OSE16FK-1272 Overshelf, single, 72"W x 12"D, 16/300 stainless steel flat top, mounted 18" above table top, 1" stainless steel post, KD, NSF

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 62 - SERVING COUNTER (1 REQ'D)
N.I.K.E.C. - Supplied and installed by G.C. See architectural plans for specification & detail.

ITEM 63 - SNEEZE GUARD, STATIONARY (1 REQ'D)
BSI Model XG3930
XGuard™ Food Shield, single, self service, fully adjustable, 20-1/2" height, 14" wide tempered glass top & lower sneeze guard, 1" diameter tubing double supports, NSF-Component, cULus

Accessories:
1 ea 1" radius corner
1 ea Brushed Stainless Steel Finish, to be verified with Architect prior to order.
1 ea Model 605 Stealth™ Warmer & Light Combo, (specify voltage & length), cULus, NSF

1 ea Remote Infinite
1 ea Wiring exit point per electrical rough-in plan
1 ea Model MWU5 Millwork Undercounter Mount, includes heavy duty flange & stainless steel wood screws, nylon grommet, requires undercounter access, NSF, UL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 64 - DROP- IN COLD FOOD WELL (1 REQ'D)
Vollrath Model FC-4C-04120-R
Refrigerated Cold Pan, drop-In, 4-pan, 8" deep well, accommodates standard 12" x 20" pans with adaptor bars, drip-free flange, polyurethane foam insulated, 300 series stainless steel, 20 gauge galvanized exterior housing, self contained refrigeration, 1/3 HP, cord with , cULus, NSF, Made in USA

Accessories:
1 ea Model 36915-2 Perforated False Bottom

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 65 - DROP-IN HOT FOOD WELL (1 REQ'D)
Vollrath Model 3640460HD
Hot Food Well Unit, Drop-In, electric, (3) 12" x 20" individual 20 gauge/316 marine grade stainless steel insulated wells, 41-1/2"W x 26"D x 21-1/2"H (overall), wet operation only, auto-fill, individual infinite controls mounted in panel with cord, power indicator light, drip-free flange, 1" copper manifold drain with individual well shutoffs & manifold shutoff, 18 gauge stainless steel top, stainless steel exterior housing, includes positioning clips, cord with , NSF, cULus, Made in USA

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 66 - DROP-IN HOT / COLD FOOD WELL (1 REQ'D)
Vollrath Model FC-6HC-03120-AD
Hot/Cold Well, Drop-In, top mount, (3) pan, remote mountable panel with on-off switch, hot/cold toggle with indicator lights for hot or cold, thermostatic temperature rotary knob control in hot mode, preset cold control, automatic manifold drain, 300 series stainless well & flange, galvanized wrapper, per well, cord with , cULus, NSF, Made in USA

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 67 - COLD FOOD WELL UNIT (1 REQ'D)
Vollrath Model FC-4C-02120-R
Refrigerated Cold Pan, drop-In, 2-pan, 8" deep well, accommodates standard 12" x 20" pans with adaptor bars, drip-free flange, polyurethane foam insulated, 300 series stainless steel, 20 gauge galvanized exterior housing, self contained refrigeration, 1/5 HP, cord with , cULus, NSF, Made in USA

Accessories:

1 ea Model 36913-2 Perforated False Bottom

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 68 - TRAY SLIDE (1 REQ'D)
Custom Fabricated Stainless Steel
304 16 ga S/S construction. Flat surface with fold down hardware. Provide with 1/2" white poly board cutting boards.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 69 - BACK SERVICE COUNTER BASE (1 REQ'D)
Custom Fabricated Stainless Steel
304 18 ga S/S sub top, 18 ga S/S cabinet base with open shelves and finished openings for undercounter equipment. Provide with cut out in top for built in hand sink per plans and elevations.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 70 - HAND SINK (1 REQ'D)
Advance Tabco Model 7-PS-42
Recessed Hand Sink, 14"W x 10"D x 5" deep sink bowl, includes: 4" OC deck mounted gooseneck faucet with aerator, soap & paper towel dispensers, 4"H side splashes, 304 stainless steel, NSF (countertop opening not to exceed 17-1/4" (front to back) x 17-3/8" (left to right))

Accessories:
1 ea Model K-08 Low-flow aerator 0.5gpm
1 ea Model 7-PS-14 P-trap, 1-1/2", 22 gauge

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 71 - SOILED DISH TABLE W/ DUMP SINKS (1 REQ'D)
Custom Fabricated Stainless Steel
304 14 ga S/S top with 8" landing ledge, 10" back splash, 3" sanitary rolled edge, provide with scrap sink with perforated insert basket, pass winow with 2” x 2” framed opening with hig edges. sinks with perforated s/s basket inserts, Stainless Steel legs, cross ails and adjustable bullet feet. Provide with cut out in top for disposer cone and control bracket for disposer controls.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 72 - COMMERCIAL WASTE CONTAINER (1 REQ'D)
Rubbermaid Commercial Products Model FG263256GRAY

BRUTE® Food Processing Container, without lid, 32 gallon, 22"D x 27-1/4"H, with "Inedible" black imprint, reinforced rims, built in handles, double rimmed base, high-impact plastic construction, gray , NSF, Made in USA

Accessories:
1 ea Model FG264043BLA BRUTE® Quiet Dolly, 18-1/4"D x 6-5/8"H, non-marking casters, black, NSF, Made in USA
1 ea San Jamar Model KA3244 KatchAll® Flatware Retriever, 25" x 9-1/2", fits 32 & 44 gallon round can, dishwasher safe, plastic (does not attract 18/8 or 18/10 silverware)

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 73 - DISHTABLE SORTING SHELF (1 REQ'D)
GSW USA Model DT-WS2442
Wall Mounted Slanted Rack Shelf, 42"W x 24"D, 16 gauge, 304 stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 74 - PRE-RINSE FAUCET ASSEMBLY (1 REQ'D)
T&S Brass Model B-0133-CR-V-BCE
EasyInstall Pre-Rinse Unit, 8" wall mount, 44" flex hose, 6" wall bracket, 18" riser, lever handle, ceramic cartridge, vacuum breaker, 0.65 GPM low flow spray valve, low lead, 1/2" NPT, EPAct2005 compliant, NSF (B-0230-K) (B-0107-C)

Accessories:
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 75 - 44" CONVEYOR DISH MACHINE (1 REQ'D)
Jackson WWS Model RACKSTAR 44CE
RackStar® 44 Dishwasher, conveyor type, high temperature sanitizing with electric tank heat, single tank design, approximately (223) racks/hour capacity (0.35 gallons per rack), fully automatic including auto-fill, digital temperature readout, double-wall insulated doors on front, EnergyGuard™ controls, Dual Rainbow Rinse™ - Econo (0.35 gpr) or Turbo (0.51 gpr), vent cowl collar with adjustable damper, vent fan control, strike plate table limit switch, splash shields, stainless steel construction, adjustable bullet feet, 3 HP pump, 1/4 HP conveyor, cETLus, NSF, ENERGY STAR®

Accessories:
1 ea Right to left operation
1 ea wash tank heater
1 ea Model OBH-40 Onboard Booster Heater, 40° rise
1 ea Single point connection
1 ea Higher than standard height hood, 25" clearance
1 ea Model 05700-002-88-07 Table limit switch with strike plate (unmounted) (standard)
1 ea Model 05700-002-64-67 Water Hammer Arrestor,1/2"

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 76 - CONDENSATE HOOD (1 REQ'D)
Captive-Aire Model 4830VHB-G
304 S/S construction with 3" perimeter gutter, removable mesh filter. Refer to manufacturer shop drawings for additional spec & detail info.

Provide to site in crated for installation by G.C. Coordinate delivery schedule with G.C. Item should be provided with all accessories listed and shown on hood submittal pans in FS plan set and meet utility requirements listed on rough-in plans.

ITEM 77 - S/S WALL FLASHING (1 REQ'D)
Custom Fabricated Stainless Steel
304 18 ga S/S construction from cove base to + 79" AFF with "T" trim strip moldings.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 78 - CLEAN DISHTABLE (1 REQ'D)
GSW USA Model DT60C-L
Clean Dishtable, straight design, right-to left operation, 60"W x 30"D x 34"H, 16/304 stainless steel construction, 8" backsplash, stainless steel legs & cross-braces, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 79 - WALL SHELF (1 REQ'D)
GSW USA Model WS-W1236
Shelf, wall-mounted, 36"W x 12"D x 10"H, holds up to 250 lb. capacity, includes (3) brackets & hardware, 18 gauge polished stainless steel, ETL

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 80 - 3 COMPARTMENT SINK (1 REQ'D)
GSW USA Model SH18243D
Sink, three compartment, 90-3/8"W x 30"D x 45"H, 16-gauge stainless steel construction, 18"W x 24" front-to-back x 14" deep compartments, 18" drainboards on left & right, 11-1/2"H backsplash, 8" OC splash mount faucet holes, includes (3) strainers with 3-5/8" dia. openings, stainless steel legs & side cross bracing, ETL

Accessories:
1 ea Model AA-714G Commercial Duty Faucet, 8" wall mount, 14" swivel spout, 1/2" NPT female inlets, reinforced double O-Ring valves with hot & cold mark on stem, color coded Red & Blue handles, brass construction & polished chrome body, no lead, MAX 2.2GPM @ 60PSI
1 ea K.E.C. to provide faucet with inlet Check stops for the HW & CW connections.

1 ea Faucet Aerator, 1.5 gpm, 55/64" female inlet & 15/16" male inlet

ITEM 81 - POT RACK (1 REQ'D)
John Boos Model PRW23A
Pot Rack, wall mount, double bar, 84"W x 12"D x 16"H overall size, 3/16" x 2" stainless steel flat bar, includes (14 stainless steel double hooks, NSF, CSA-Sanitation

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 82 - SPARE NUMBER

ITEM 83 - BEVERAGE COUNTER (1 REQ'D)
N.I.K.E.C. - Supplied and installed by G.C. See architectural plans for specification & detail.

ITEM 84 - GLASS RACK SLIDES (1 LOT REQ'D)
Custom Fabricated Stainless Steel
304 14 ga S/S construction with rack stops. Coordinate depth with millwork shop drawings.

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 85 - COFFEE AIR POTS (3 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 86 - TEA / COFFEE DISPENSER (2 REQ'D)
BUNN Model 39600.0001
39600.0001 TDO-N-3.5 Narrow Iced Beverage Dispenser, 3.5 gallon capacity, sump dispense valve, front-back handles, 8" cup clearance, for use with BUNN TB-3, TB-3Q and ITCB brewers with 29" trunk height, NSF

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 87 - TRASH RECEPTACLE, INDOOR (2 REQ'D)
Rubbermaid Commercial Products Model FG354060GRAY
Slim Jim® Container, 23 gallon, 22"W x 11"D x 30"H, with venting channels, molded-in handles, general purpose waste, open type without lid, high-impact plastic construction, gray, Made in USA

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 88 - TABLETOP WASTE BIN (1 REQ'D)
Vollrath Model 3Y0502 Dimensions: 2(h)
Garbage Waste Chute, 6-9/16" x 2" deep, round, 22 gauge stainless steel, Made in USA

Provide and install in location shown on plan and per manufactures recommendations complying

with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 89 - ICE DISPENSER (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 90 - NUGGET ICE MAKER (1 REQ'D)
Follett LLC Model HCD710ABT
Horizon Elite™ Chewblet® ice machine, air-cooled, self-contained condenser, for mounting on Follett ice storage bins, up to 759 lb production of Chewblet® ice in 24 hours, NSF, ETL, ENERGY STAR®

Accessories:
1 ea 3 year parts & labor warranty, additional 2 years compressor warranty
1 ea 3 year parts and labor standard warranty
1 ea 5 year compressor parts
1 ea 6' cord
1 ea 3M Purification Model ICE145-S (5616204) 3M™ Water Filtration Products Water Filter System, with gauge, 14-7/8"H x 5-1/16"D, valve-in-head, high turbidity water, single vessel, 1/4-turn shut off valve, max pressure of 125 psi at 100°F, 3 micron, 2.1 gpm flow rate, 25,000 gallons capacity, for sediment, chlorine taste & odor, scale, includes: (1) integral mounting bracket and (1) o-ring seal cartridge filter, 3/8" FNPT connections, NSF
1 ea 3M Purification Model HF45-S (5613309) 3M™ Water Filtration Products Replacement Cartridge, large diameter, 3 micron, 2.1 gpm flow rate, 25,000 gallons capacity, reduces sediment, chlorine taste & odor, scale inhibitor

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 91 - TOASTER (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 92 - MICROWAVE OVEN (1 REQ'D)
N.I.K.E.C. - Existing unit supplied by Owner to be relocated to new location shown in plans by G.C.

ITEM 93 - U/C REFRIGERATOR (2 REQ'D)
True Manufacturing Co., Inc. Model TUC-48-ADA-HC~SPEC3
SPEC SERIES® Undercounter Refrigerator, 34" working height, 33 - 38°F, SPEC Package 3 includes: (2) heavy-duty stainless steel doors, steel handles, door lock standard, (4) PVC coated adjustable wire shelves, electronic temperature control with digital temperature display, 16-ga. stainless steel top, stainless steel sides & back, stainless steel interior,3" castors, R290 Hydrocarbon refrigerant, 1/5 HP, , cULus, UL EPH Classified, CE, ADA Compliant, Made in USA

Accessories:
2 ea Self-contained refrigeration
2 ea Warranty - 5 year compressor
2 ea Warranty - 3 year parts and labor
2 ea 3" castors

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 94 - U/C HEATED CABINET (2 REQ'D)
Alto-Shaam Model 750-S
Halo Heat® Low Temp Holding Cabinet, on/off simple controller with adjustable thermostat, indicator light, capacity (10) 12" x 20" pans, (2) chrome plated side racks, (3) wire shelves, stainless steel exterior, 2-1/2" casters; 2 rigid, 2 swivel with brakes, EcoSmart®, cULus, UL EPH ANSI/NSF 4, CE, IPX3, TUV-NORD, EAC, N11942

Accessories:
2 ea 5 ft. cord
2 ea Solid door hinged per plan

Provide and install in location shown on plan and per manufactures recommendations complying with all local codes and regulations. Item should be provided with all accessories listed and meet utility requirements listed on rough-in plans.

ITEM 95 - BACK SERVICE COUNTER TOP (1 REQ'D)
N.I.K.E.C. - Supplied and installed by G.C. See architectural plans for specification & detail.

END OF SECTION 11400

SECTION 12491 - **HORIZONTAL LOUVER BLINDS**

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following blinds with aluminum louver slats:
   1. Miniblinds.

1.2 SUBMITTALS

A. Product Data: For each product indicated.

B. Shop Drawings: Include plans, elevations, sections, details, details of installation, operation al clearances, and relationship to adjoining Work.

   1. Verify dimensions by field measurements before fabrication and indicate measurements on Shop Drawings.

C. Samples: For each exposed finish and for each color and texture required.

D. Window Treatment Schedule: Use same room designations indicated on Drawings.

E. Maintenance data.

1.3 QUALITY ASSURANCE

A. Horizontal Louver Blinds Fire-Test-Response Characteristics: Provide products passing flame-resistance testing according to NFPA by a testing agency acceptable to authorities having jurisdiction.

B. Corded Window Covering Product Standard: Unless otherwise indicated, comply with WCMA A 100.1.

C. Mockups: Install mockups to verify selections made under sample Submittals and to demonstrate aesthetic effects and qualities of materials and execution.

   1. Install mockups.
   2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

PART 2 - PRODUCTS

2.1 HORIZONTAL LOUVER BLINDS

A. Products: Basis of Design:
   1. Levolor Contract; Cordless Mark I Lightmaster 1” (Basis of Design)

B. Finish: Ionized coating; antistatic, dust-repellent, baked polyester.

   1. Slats: One color as indicated
   2. Headrails/Valance: Match louver slats as indicated.
   3. Component Color: Rails, cords, ladders, and exposed-to-view metal and plastic matching or coordinating with slat
   4. Colors, Textures, Patterns, and Glosses: As selected from manufacturer's full range

C. Louver Slats: Aluminum, alloy and temper recommended by producer for type of use and finish indicated; with crowned profile and radiused corners.

   1. Miniblinds:

      a. Nominal Slat Width: 1 inch
      b. Slat Spacing: Manufacturer's standard

   2. Nominal Slat Thickness: Not less than 0.008 inch.
   3. **Perforated Slats**: Openness factor of 6 to 7 percent.

D. Headrail: Formed steel or extruded aluminum; long edges returned or rolled; fully enclosing operating mechanisms on three sides and ends.

E. Bottom Rail: Formed-steel or extruded-aluminum tube, sealed with plastic or metal capped ends; with enclosed and protected ladders and tapes to prevent their contact with sill.

   1. Top contoured to match crowned shape of louver slat.
   2. Bottom contoured for minimizing light gaps.

F. Maximum Light Blocking Blinds: Designed for eliminating all visible light gaps if slats are tilted closed; with tight tape spacing indicated and slats with minimal-sized rout holes for ladders hidden and placed near back edge for maximum slat overlap; with headrail and bottom rail extended and formed for light-tight joints between rail and adjacent slats or construction.

G. Tilt Control: Enclosed worm gear mechanism, slip clutch or detachable wand preventing over-rotation, and linkage rod.

   1. Tilt Operation: Manual with clear plastic wand

2. Length of Tilt Control: Length required to make operation convenient from floor level
3. Tilt: Full.

H. Lift Operation: Manual, cord lock; locks pull cord to stop blind at any position in ascending or descending travel.

I. Lift Operation: Manual, top-locking cord lock; locks pull cord to stop blind in either fully opened or fully closed position only and is equipped with a ring pull not more than 4 inches long.

J. Valance: Manufacturer's standard.

K. Mounting: As indicated, permitting easy removal and replacement without damaging blind or adjacent surfaces and finishes; with spacers and shims required for blind placement and alignment indicated.

1. Provide intermediate support brackets if end support spacing exceeds spacing recommended by manufacturer for weight and size of blind.

2.2 FABRICATION

A. Product Standard and Description: Comply with AWCMA Document 1029, unless otherwise indicated.

B. Concealed Components: Noncorrodible or corrosion-resistant-coated materials.

1. Lifting and Tilting Mechanisms: With permanently lubricated moving parts.

C. Unit Sizes: Fabricated in sizes to fill window and other openings as follows, measured at 74 deg F:

1. Blind Units Installed between (Inside) Jambs:

a. Width: Equal to 1/4 inch per side or 1/2 inch total, plus or minus 1/8 inch less than jamb-to-jamb dimension of opening in which each blind is installed.
b. Length: Equal to 1/4 inch plus or minus 1/8 inch, less than head-to-sill dimension of opening in which each blind is installed.

2. Blind Units Installed Outside Jambs: Width and length as indicated, with terminations between blinds of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.

D. Installation Brackets: Designed for easy removal and reinstallation of blind, for supporting headrail, valance, and operating hardware, and for hardware position and blind mounting method indicated.

E. Installation Fasteners: Not fewer than two fasteners per bracket, fabricated from metal non-corrosive to blind hardware and adjoining construction; type designed for securing to supporting substrate; and supporting blinds and accessories under conditions of normal use.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install blinds level and plumb and aligned with adjacent units according to manufacturer's written instructions. Install intermediate support as required to prevent deflection in headrail. Allow clearances between adjacent blinds and for operating glazed opening's operation hardware, if any.

B. Flush Mounted: Install blinds with louver edges flush with finish face of opening if slats are tilted open.

C. Jamb Mounted: Install headrail flush with face of opening jamb and head.

D. Head Mounted: Install headrail on face of opening head.

E. Recessed: Install headrail concealed within blind pocket.

F. Adjusting: Adjust horizontal louver blinds to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.

G. Cleaning: Clean blind surfaces after installation, according to manufacturer's written instructions.

END OF SECTION 12491

BUCKEYE, AZ

KITCHEN REMODEL & ADDITION

BUCKEYE SENIOR CENTER

201 E CENTRE AVENUE
BUCKEYE, AZ 85326

PLAN REVIEW SET

PROJECT TEAM:

[redacted]	CITY OF BUCKEYE 530 E. MONROE AVENUE BUCKEYE, AZ 85326 CONTACT: CHRIS WILLIAMS PHONE: 623.349.6225 E-MAIL: CWILLIAMS@BUCKEYEAZ.GOV
[redacted]	MICHAEL WILSON KELLY, ARCHITECTS LTD. 331 N FIRST AVE SUITE 108 PHOENIX, ARIZONA 85003 CONTACT: MICHAEL WILSON KELLY PHONE: 480.829.7447 CELL: 480.433.1582 EMAIL: MIKE@MWKARCH.COM WEB: WWW.MWKARCH.COM
[redacted]	ROOD ENGINEERING, INC. 1742 W. ASHLAND WAY AVONDALE, ARIZONA 85392 CONTACT: ROY ROOD PHONE: 602.269.7552 EMAIL: ROY@ROODENG.COM
[redacted]	KEOGH ENGINEERING, INC 650 N 127TH AVENUE SUITE 110 GOODYEAR, ARIZONA 85338 CONTACT: DENNIS KOEGH PHONE: 623.535.7360 EMAIL: KOEGH@KEOGHENGINEERING.COM
LANDSCAPE ARCHITECT:	THE MOORE / SWICK PARTNERSHIP 614 S. MILL AVENUE SUITE 107 TEMPE, ARIZONA 85281 CONTACT: KEVIN MOORE PHONE: 480.874.9284 EMAIL: KMOORE@MOORESWICK.COM
MECHANICAL / PLUMBING	MECHNOVATION, INC 6703 N 17TH AVENUE PHOENIX, ARIZONA 85013 CONTACT: JESS RITTER PHONE: 602.502.7088 EMAIL: JCR@MECHNOVATION.COM
[redacted]	LANDMARK KITCHEN DESIGN, LLC 1900 W. CHANDLER BLVD. SUITE 15-373 CHANDLER ARIZONA, 85224 CONTACT: SEAN KELLENBARGER PHONE: 602.441.0344 EMAIL: SEAN@LANDMARKPHX.COM
ELECTRICAL:	VOLTA US CONSULTING 1633 E. INDIAN SCHOOL RD, SUITE 210 PHOENIX, ARIZONA 85016 CONTACT: WILLIAM BETHURUM PHONE: 480.659.0511 CELL: 602.695.5756 EMAIL: WB@VOLTAUS.COM

PROJECT SCOPE:

- 1430 SF KITCHEN ADDITION AND RELATED IMPROVEMENTS.
- NEW WHOLE BUILDING FIRE ALARM SYSTEM.

PHASING

- PHASE I - NEW KITCHEN & ALL RELATED WORK.
- PHASE II - DEMO & REMODEL EXISTING KITCHEN.

PROJECT DATA:

PROJECT NAME:	BUCKEYE COMMUNITY CENTER KITCHEN REMODEL & ADDITION
PROJECT ADDRESS:	201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326
APN:	500-78-0010
ZONING:	SU
OCCUPANCY TYPE:	A-2, B-KITCHEN, S-1 (MX CHANGE)
EXISTING USE:	COMMUNITY CENTER AND CHANGE)
FIRE SPRINKLERS:	YES
FIRE ALARM SYSTEM:	YES
EMERGENCY LIGHTING:	YES
EXISTING BUILDING GROSS SF:	9182 SF
ADDITION GROSS SF:	1430 SF KITCHEN ADDITION
TOTAL GROSS SF:	10612 SF

BUILDING CODES:

- 2018 INTERNATIONAL BUILDING CODE
- 2018 INTERNATIONAL RESIDENTIAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL GREEN CONSTRUCTION CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2018 INTERNATIONAL EXISTING BUILDING CODE
- 2018 NATIONAL ELECTRIC CODE
- 2010 ADAAG

FIRE DEPARTMENT NOTES

1. PROJECT WILL COMPLY WITH THE CITY OF BUCKEYE ADOPTED FIRE CODE 2018 AND THE INTERNATIONAL FIRE CODE 2018.
2. SEE SHEET A00.05 FOR ADDITIONAL FIRE NOTES AND REQUIREMENTS.

DEFERRED SUBMITTALS

1. AFES FIRE SPRINKLERS - EXTENDED TO NEW AREAS AND MODIFIED WHERE REMODELING OCCURS.
2. FIRE ALARM SYSTEM - NEW SYSTEM, WHOLE BUILDING FIRE ALARM WITH EXPANDABLE FACP.
3. EXHAUST HOOD AND LAW SYSTEM.

GENERAL NOTES:

1. THESE NOTES ARE APPLICABLE TO ALL DRAWINGS IN THIS SET.
2. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY AND COPYRIGHT OF THE ARCHITECT AND SHALL NOT BE USED ON ANY OTHER WORK EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
4. ONLY WRITTEN DIMENSIONS SHALL BE USED. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL BE VERIFIED ON THE JOB SITE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
5. THESE DOCUMENTS ARE INTENDED TO DEFINE THE SCOPE OF THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL DESIGN WORK REQUIRED FOR THEIR RESPECTIVE TRADES AS WELL AS ADHERING TO ALL APPLICABLE CODES AND STANDARD ACCEPTED PRACTICES FOR THEIR RESPECTIVE TRADES.
6. ALL MATERIALS TO BE SUPPLIED OR REQUIRING OFF SITE FABRICATION WILL BE SUBMITTED TO THE ARCHITECT IN THE FORM OF SHOP DRAWINGS AND/OR CATALOG CUTS FOR REVIEW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THIS INFORMATION IN A TIMELY MANNER SO AS NOT TO IMPEDE THE PROGRESS OF THE WORK.
7. ALL WOOD COMING IN CONTACT WITH CONCRETE OR EARTH SHALL BE TREATED LUMBER.
8. VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO SAW CUTTING AND / OR TRENCHING.
9. IT IS THE INTENT OF THESE CONTRACT DOCUMENTS TO DEFINE A COMPLETE FINISHED FACILITY / PROJECT. ANY MATERIAL, SYSTEM, EQUIPMENT OR ASSEMBLY WHICH NORMALLY WOULD BE REQUIRED SHALL BE PROVIDED AND FINISHED AS IF SPECIFICALLY NOTED.
10. COORDINATE WITH ALL TRADES THE LOCATIONS OF SLEEVES OR OTHER INSET ACCESSORIES INVOLVING OTHER TRADES.
11. ALL PATCH WORK SHALL MATCH EXISTING COLOR, TEXTURE AND MATERIALS.
12. THE STARTING OF WORK BY ANY CONTRACTOR OR SUBCONTRACTOR SHALL BE CONSIDERED PRIMA FACIE EVIDENCE THAT HE HAS INSPECTED AND ACCEPTED ALL CONDITIONS INVOLVED IN HIS WORK AND FINDS THEM SATISFACTORY.
13. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOADS AND NOTIFY THE STRUCTURAL ENGINEER OF ANY CHANGES IN SIZE, WEIGHT, AND LOCATION, OR ADDITIONAL LOAD TO THOSE INDICATED ON THE DRAWINGS.
14. BIDDING OF CONTRACT DOCUMENTS BY SUBCONTRACTOR AND GENERAL CONTRACTOR SHALL BE BASED UPON COMPLETE SETS. CONTRACTORS ARE EXPECTED TO HAVE A FULL UNDERSTANDING AND COORDINATION OF ALL TRADES AND CONDITIONS TO BE ENCOUNTERED DURING THE COURSE OF CONSTRUCTION. BIDDING FROM SUB-SETS OF PLANS IS PROHIBITED.
15. ALL DIMENSIONS SHOWN ARE FROM FINISHED FACE OF WALL TO FINISHED FACE OF WALL OR FACE OF CMU UNLESS OTHERWISE INDICATED.
16. WHERE A NUMBERED KEYNOTE SYSTEM IS USED, NOT ALL KEYNOTES LISTED ON A PARTICULAR SHEET ARE KEYED ON THAT SHEET.

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A00.02	EXISTING FLOOR PLAN	FS-5.5	HOODS
A00.03	MATERIAL LEGEND	FS-5.6	HOODS
A00.04	PROPERTY SITE PLAN	FS-5.7	HOODS
A00.05	SITE PLAN	FS-5.8	HOODS
A00.06	ENLARGED SITE PLAN	FS-6.0	SPECIAL CONDITIONS PLAN
C1	CIVIL PLANS	FS-6.1	FOOD SERVICE WALK-IN COOLER
C2	CIVIL PLANS		SHOP DRAWINGS
L1	LANDSCAPE PLAN	FS-7.0	ELEVATIONS
L2	IRRIGATION PLAN	FS-8.0	GENERAL NOTES
L3	DETAIL SHEET		
		S1	GENERAL STRUCTURAL NOTES
A01.00	EXISTING BUILDING FLOOR PLAN	S2	STD DETAILS
A02.00	DEMOLITION FLOOR PLAN	S3	FOUNDATION PLAN
A02.01	DEMOLITION REFLECTED CEILING PLAN	S4	ROOF PLAN
A02.02	CURB & SLAB PLAN	S5	FND DETAILS
A02.03	DIMENSION FLOOR PLAN	S6	ROOF DETAILS
A02.04	KEYNOTE FLOOR PLAN		
A02.05	REFLECTED CEILING PLAN	M01.00	MECHANICAL FLOOR PLAN
A02.06	PARTIAL ROOF PLAN	M02.00	MECHANICAL SCHEDULES & DETAILS
A02.07	FINISHES FLOOR PLAN	M03.01	MECHANICAL COMCHECK
A02.08	DOOR & WINDOW SCHEDULES	P01.01	PLUMBING FLOOR PLAN
A03.00	BUILDING SECTIONS	P02.00	PLUMBING DIAGRAMS
A03.01	BUILDING SECTIONS	P02.01	PLUMBING DIAGRAMS
A03.02	BUILDING SECTIONS		
A03.03	ENLARGED SECTIONS	E0.0	ELECTRICAL COVER SHEET
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A04.01	BUILDING ELEVATIONS	E0.2	ELECTRICAL SPECIFICATIONS
A05.00	WALL TYPES & DETAILS	E0.3	LIGHTING SPECIFICATIONS
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		E2.0	POWER PLAN
FS-1.0	FOOD SERVICE EQUIPMENT FLOOR PLAN	E2.1	ROOF AND DEMOLITION PLANS
FS-2.0	FOOD SERVICE EQUIPMENT SCHEDULE	E3.0	LIGHTING PLAN
FS-3.0	ELECTRICAL ROUGH-INS	E4.0	FIRE ALARM PLAN
FS-4.0	PLUMBING ROUGH-INS	E5.0	ONE-LINE DIAGRAM & SCHEDULES
FS-5.0	MECHANICAL PLAN	E7.0	PANEL SCHEDULES
FS-5.1	HOODS	E8.0	ELECTRICAL DETAILS
FS-5.2	HOODS		



VICINITY MAP:

NOT TO SCALE



PROPERTY AERIAL:

NOT TO SCALE



BUCKEYE COMMUNITY CENTER:

NOT TO SCALE

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Michael Wilson Kelly
Architects, Ltd.
331 North First Avenue Suite 108
Phoenix, AZ 85003 (602)254-9101

BUCKEYE SENIOR CENTER

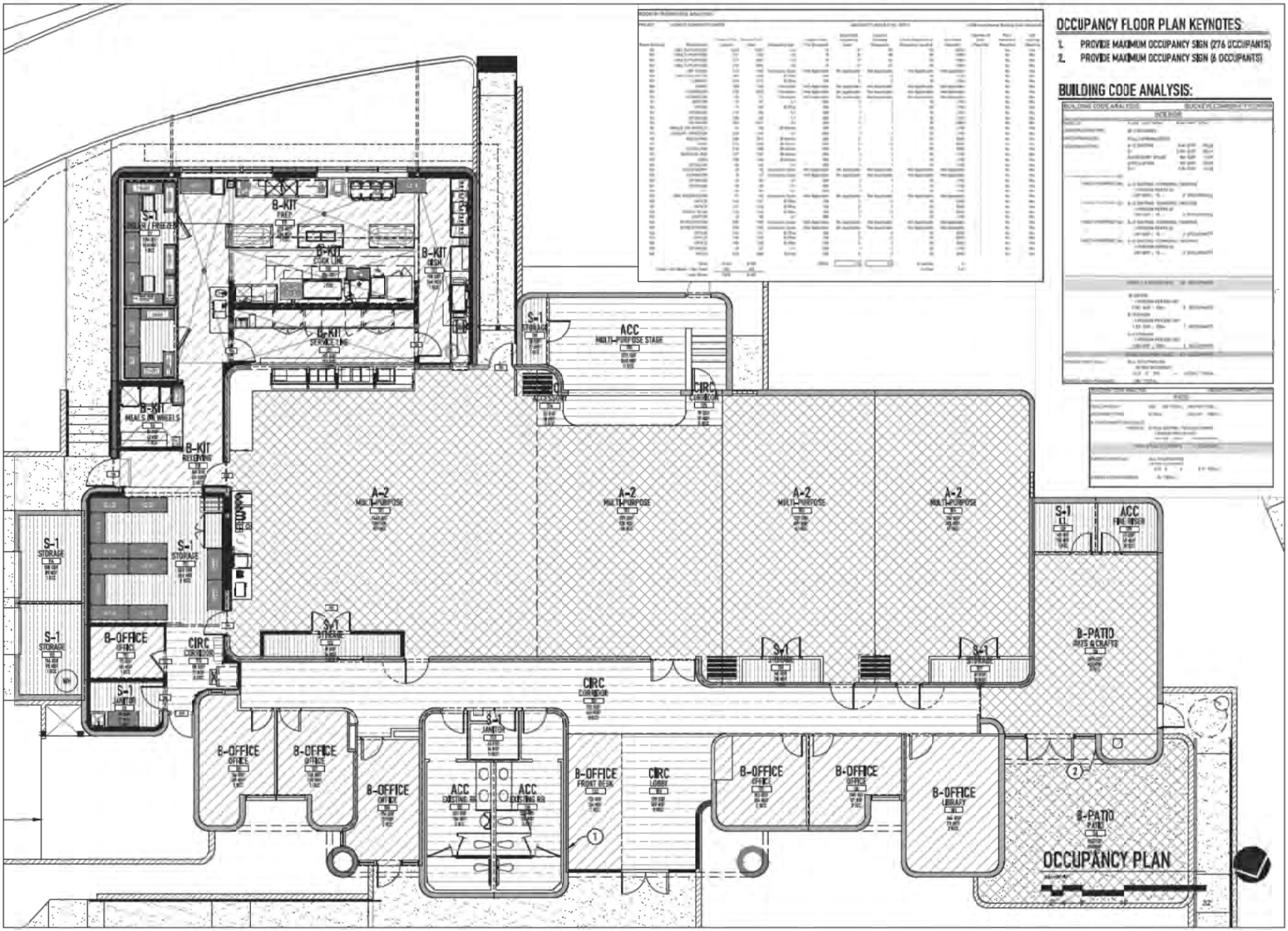
KITCHEN ADDITION

201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

DK	MWK
JOB NO.	DATE
2019L12	19 JUNE 2020

COVER SHEET

A00.00



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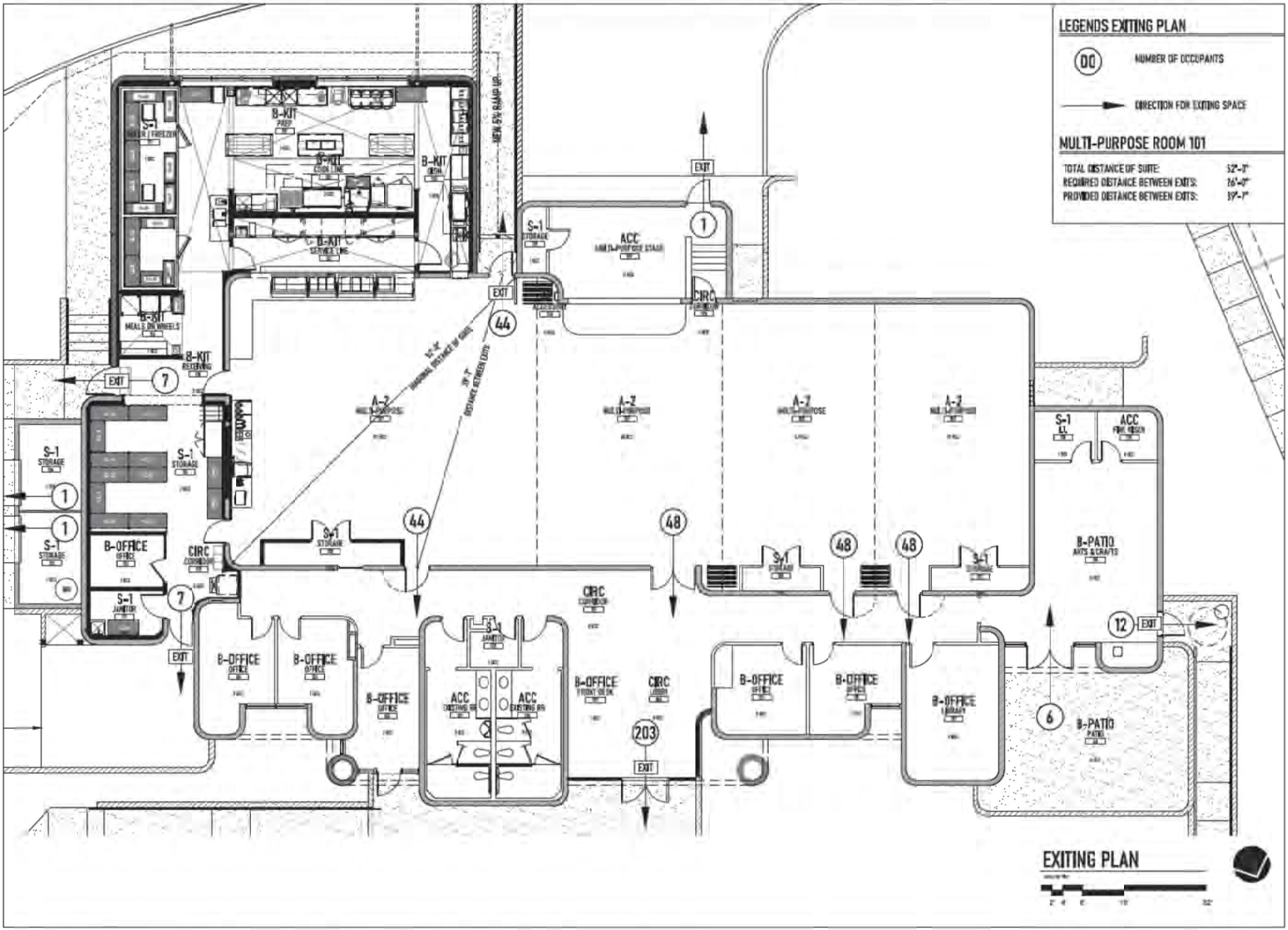
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2019.12	10JUN2020

OCCUPANCY PLAN

A00.01



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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2019.12	12JUN2020

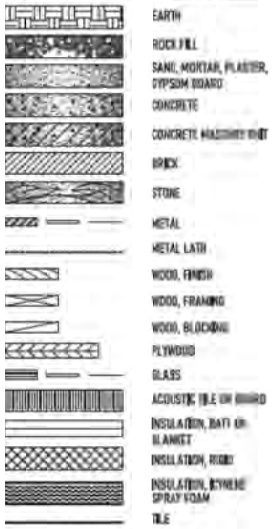
EXITING FLOOR PLAN
A00.02

888

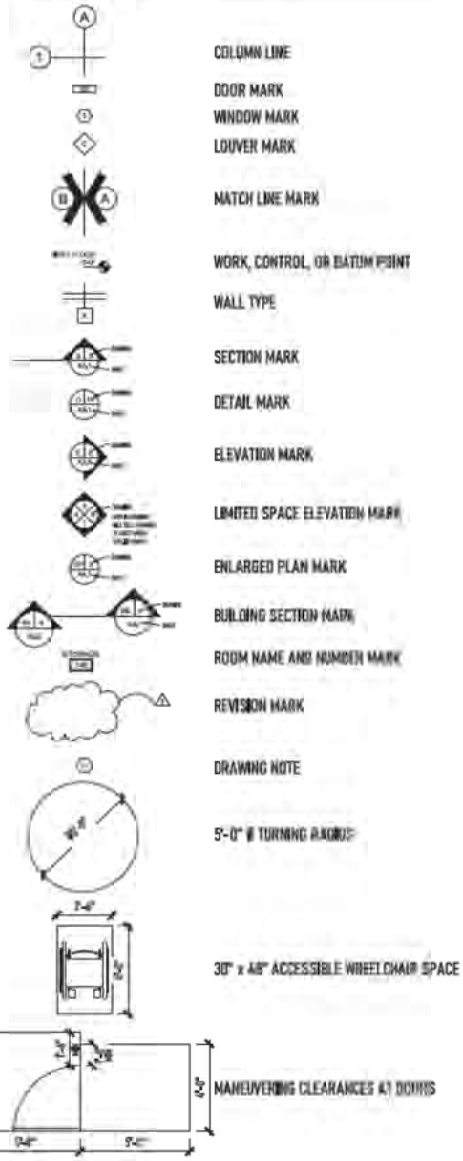
ARCHITECTURAL ABBREVIATIONS

ABC	AGGREGATE BASE COURSE
ABV	ABOVE
ACT	LAY-IN ACOUSTICAL CEILING TILE
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COC	CENTER OF COLUMN
CON	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
DIA	DIAMETER
EJ	EXPANSION JOINT
EW	EACH WAY
EXT	EXTERIOR
FF	FINISHED FLOOR
FOM	FACE OF MASONRY
FOW	FACE OF WALL
GSF	GROSS SQUARE FEET
GYP	GYPSUM WALL BOARD
ID	INSIDE DIAMETER
INT	INTERIOR
MTL	METAL
NSF	NET SQUARE FEET
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PL	PLASTIC LAMINATE
RS	ROUGH SAWN
SIM	SIMILAR
SS	STAINLESS STEEL
STL	STEEL
SV	SHEET VINYL
TOB	TOP OF BEAM
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
UC	UNDERCOUNTER
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE

MATERIAL INDICATIONS



SYMBOLS



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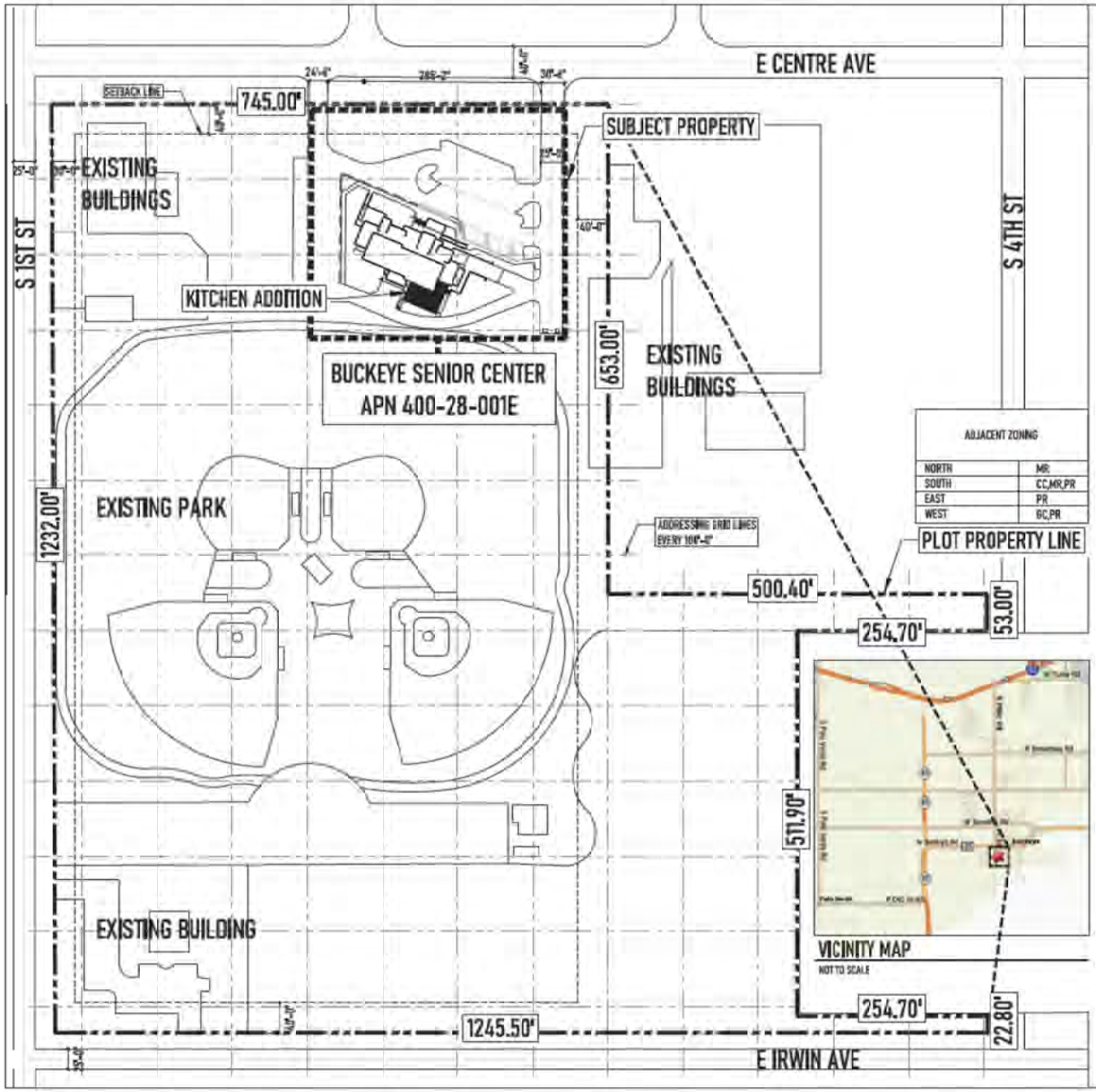
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2019.12	(JUNE)2020

MATERIAL LEGEND

A00.03



ADJACENT ZONING	
NORTH	MR
SOUTH	CC,MR,PR
EAST	PR
WEST	GC,PR

SITE DATA

CASE #: PLZSP-20-00017

PROJECT ADDRESS:	201 E CENTRE AVE BUCKEYE, AZ 85326
APN:	400-28-001E
CURRENT ZONING:	SU - SPECIAL USE
GROSS SITE AREA (ENTIRE PROPERTY):	1,008,037 SF (23.16 AC.)
GROSS EXISTING BUILDING AREA:	8182 SF (.19 AC.)
GROSS KITCHEN ADDITION:	1450 SF (.033 AC.)
EXISTING USE:	SENIOR CENTER
PROPOSED USE:	SENIOR CENTER

PARKING

RATIO	1 000 SF	
	REQUIRED	PROVIDED (EXISTING)
TOTAL	32	71
ACCESSIBLE	0	4
LOADING	0	1

*NO CHANGE IN PARKING

DEVELOPMENT DATA

PHASE 1:	1450 SF KITCHEN ADDITION
PHASE 2:	EXISTING KITCHEN REMODEL
MAXIMUM BUILDING HEIGHT:	45'-0"
PROPOSED ADDITION HEIGHT:	18'-0"
MAX LOT COVERAGE:	N/A
PAVING AREA:	14% X 143,450 SF
OPEN SPACE:	84% 838,100 SF

SETBACKS *NO CHANGE	ALLOWED	PROPOSED
FRONT	40	236'
INTERIOR SIDE	30	467'
STREET SIDE	40	210'
REAR	40	958'

# OF BUILDINGS INVOLVED:	1
UNITS/BUILDING:	N/A
TOTAL NUMBER OF UNITS:	N/A
OWNER:	THE CITY OF BUCKEYE 530 E MONROE AVENUE BUCKEYE, AZ 85326 (P) 623.349.6225
ARCHITECT:	MWK ARCHITECTS, LTD. 331 N 1ST AVENUE PHOENIX, AZ 85003 (P) 480.433.3502

NOTE: DISTANCE TO NEAREST FIRE HYDRANT = 180'-5"

PROPERTY SITE PLAN

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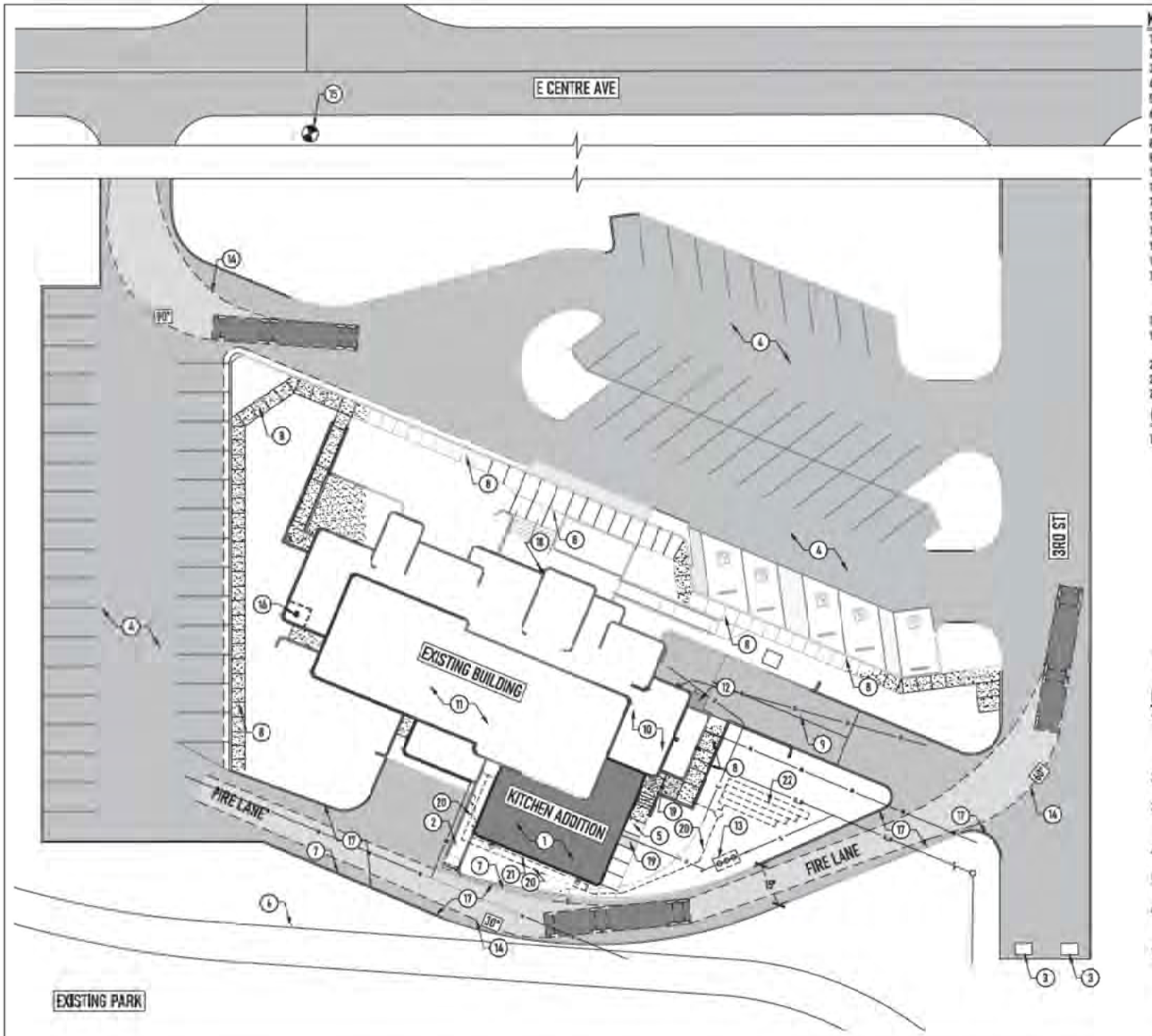
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2019.12	10JUN2020

PROPERTY SITE PLAN
A00.04

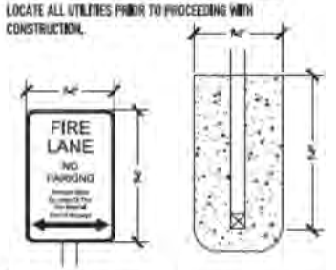


KEYNOTES:

1. NEW 1459 SF KITCHEN ADDITION.
2. NEW 5% SLOPE ADA RAMP.
3. EXISTING TRASH CONTAINERS.
4. EXISTING PARKING TO REMAIN (NO CHANGE).
5. EXITING SIDEWALK AND STAIRS TO REMAIN.
6. EXISTING PARK TRAIL HEAD (NO CHANGE).
7. RELOCATE CURB APPROXIMATELY 5'-0" TO THE SOUTH - SEE CURB PLAN.
8. EXISTING SIDEWALK TO REMAIN.
9. EXISTING 5% SLOPE LOADING RAMP.
10. EXISTING SENIOR CENTER KITCHEN.
11. EXISTING SENIOR CENTER MULTI-PURPOSE.
12. NEW METAL ROOF OVER OUTDOOR CAN WASH.
13. UNDERGROUND GREASE INTERCEPTOR - SEE CIVIL & PLUMBING PLANS.
14. W850 FIRE RADIUS.
15. EXISTING FIRE HYDRANT.
16. EXISTING FIRE RISER ROOM (NO CHANGE).
17. FIRE LANE CURB PAINTED RED AND LABELED "FIRE LANE NO PARKING" IN 3" BLOCK LETTERS (3/4" STROKE) COLOR: SIGNAL RED TRAFFIC GRADE PAINT.
18. KNOX BOX LOCATION.
19. SAW CUT & REMOVE ONE STANDARD SECTION OF WALKWAY AS REQ. - PATCH & REPAIR SIDEWALK.
20. 10" STORM DRAIN PIPE - SEE CIVIL PLANS.
21. 6" FRENCH DRAIN - SEE CIVIL PLANS.
22. RETENTION SYSTEM - SEE CIVIL PLANS.

GENERAL NOTES:

1. LOCATE ALL UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION.



1 FIRE LANE SIGN DETAIL

FIRE LANE NOTES:

1. AT THE BEGINNING AND END OF THE FIRE LANE, THE SIGN SHALL HAVE A SINGLE HEADED ARROW POINTING IN THE DIRECTION THE REGULATION IS IN EFFECT. THE INTERMEDIATE SIGNS SHALL HAVE DOUBLE HEADED ARROWS POINTING IN BOTH DIRECTIONS.
2. THE MAXIMUM SPACING OF THE SIGNS SHALL BE 100', CONTINGENT UPON THE CITY ENGINEER'S REVIEW AND APPROVAL.
3. THE SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30 DEGREES NOR MORE THAN 45 DEGREES WITH THE CURB OR LINE OF TRAFFIC FLOW.
4. THE CLEARANCE TO THE BOTTOM OF THE SIGN SHALL BE 7'. THERE SHALL BE NO OTHER SIGNS ATTACHED TO THE SIGN OR SIGN POLE.
5. THE SIGN PLATE SHALL BE A MINIMUM OF 12" X 18" WITH A THICKNESS OF .8".
6. THE SIGN FACE SHALL MEET THE COB SIGN SHEETING STANDARDS. USE THE STANDARD SIGN FACE BLANK FOR A R7-32 OR EQUIVALENT.
7. SIGNAGE LETTER SHALL BE FROM THE "CLEARVIEW" FONT.

SITE PLAN

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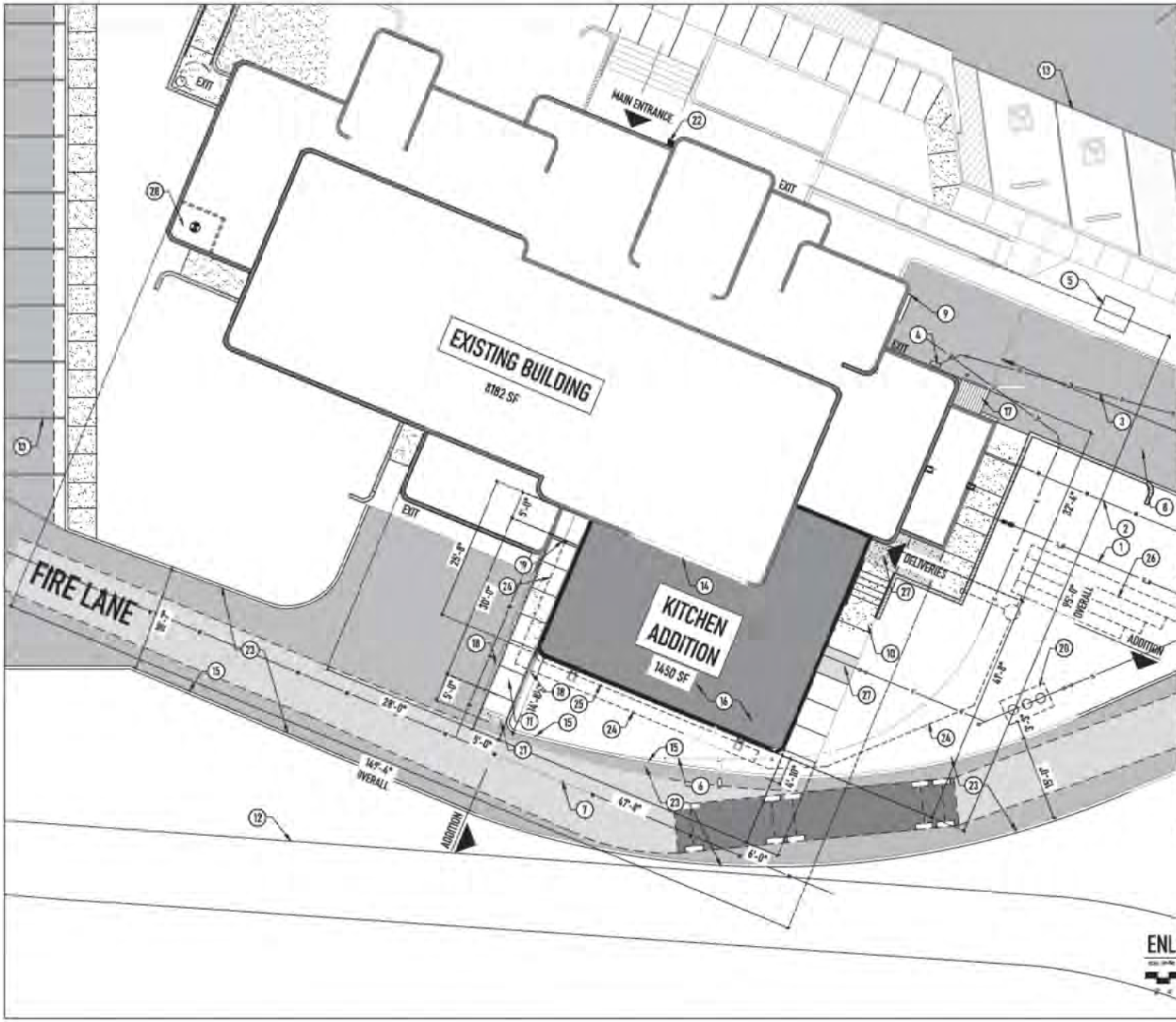
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2019.12	(JUNE2020)

SITE PLAN

A00.05



KEYNOTES:

1. EXISTING SEWER-VERIFY LOCATION.
2. EXISTING 2" WATER LINE-VERIFY LOCATION.
3. EXISTING GAS LINE-VERIFY LOCATION.
4. EXISTING GAS METER.
5. EXISTING TRANSFORMER-TO BE REPLACED.
6. EXISTING ELECTRICAL TO STREET LIGHTS-VERIFY LOCATION.
7. EXISTING IRRIGATION-VERIFY LOCATION.
8. EXISTING 5% SLOPE LOADING RAMP (NO CHANGE).
9. EXISTING 400 AMP SES TO BE ENLARGED TO 800 AMP- SEE ELECTRICAL.
10. EXISTING SIDEWALK AND STAIRS TO REMAIN.
11. NEW 5% SLOPE ADA RAMP.
12. EXISTING PARK TRAILHEAD (NO CHANGE).
13. EXISTING PARKING (NO CHANGE).
14. REMOVE SECTION OF PARAPET.
15. RELOCATE CURB APPROXIMATELY 5'-0" TO THE SOUTH.
16. 1450 SF KITCHEN ADDITION.
17. NEW METAL ROOF OVER OUTDOOR CAR WASH.
18. NEW 4'-0" RETAINING WALL.
19. NEW TROUGH DRAIN.
20. UNDERGROUND GREASE INTERCEPTOR - SEE CIVIL & PLUMBING PLANS.
21. DETECTABLE WARNING ON CONCRETE LANDING.
22. KNOX BOX LOCATION.
23. FIRE LANE CURB PAINTED RED AND LABELED "FIRE LANE NO PARKING" IN 3" BLOCK LETTERS (3/4" STROKE) AS PER THE COB ADOPTED FIRE CODE.
24. 10" STORM DRAIN PIPE - SEE CIVIL PLANS.
25. 8" FRENCH DRAIN - SEE CIVIL PLANS.
26. RETENTION SYSTEM - SEE CIVIL PLANS.
27. SAW CUT & REMOVE ONE STANDARD SECTION OF SIDEWALK AS REQ. PROVIDE POSITIVE SLOPE TO EXISTING SIDEWALL DRAIN - PATCH AND REPAIR SIDEWALK.
28. EXISTING FIRE RISER ROOM ACCESSIBLE FROM INTERIOR ONLY.

GENERAL NOTES:

1. FIRE RISER ROOM AND FACP ACCESS DOOR TO BE LABELED.
2. AERIAL FIRE APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 26'-0".
3. OVERHEAD UTILITY AND POWER LINES SHALL NOT BE LOCATED OVER THE AERIAL FIRE APPARATUS ACCESS ROAD OR BETWEEN THE AERIAL FIRE APPARATUS ROAD AND THE BUILDING.
4. A KNOX BOX WILL BE REQUIRED FOR THE FRONT DOOR AND FIRE RISER ROOM OF BUILDING.
5. 36" CLEARANCE FOR ALL FIRE HYDRANTS IS REQUIRED.
6. FIRE LANES WILL INCLUDE ALL REQUIRED COB FD STRIPING AND MARKING.
7. BUILDING ADDRESS MUST BE VISIBLE FROM EACH ENTRANCE POINT.
8. ALL FIRE EXTINGUISHERS MUST BE INSTALLED BY A LICENSED FIRE PROTECTION CONTRACTOR WITH SERVICE TAGS AND SURVEYED FOR PROPER COVERAGE.
9. THIS PROJECT WILL COMPLY WITH THE CITY OF BUCKEYE 2014 ADOPTED 2012 INTERNATIONAL FIRE CODE AND AMENDMENTS.

ENLARGED SITE PLAN

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Michael Wilson Kelly - Architects, Ltd.

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EK	MWK
2016.12	10JUNE2020

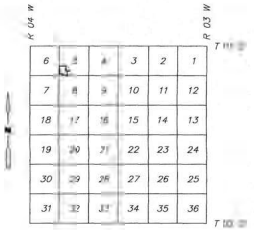
ENLARGED SITE PLAN
A00.06

BUCKEYE SENIOR CENTER

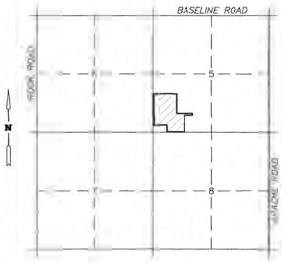
GRADING & DRAINAGE PLANS

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

201 EAST CENTRE AVENUE
BUCKEYE, ARIZONA 85326



VICINITY MAP
Not to Scale



LOCATION MAP
Not to Scale



OVERALL DEVELOPMENT
Not to Scale

OWNER

DEVELOPER

ENGINEER

KEOGH ENGINEERING, INC.
650 N. 137TH AVENUE #110
GOODYEAR, ARIZONA 85338
PHONE: (623) 535-7260
FAX: (623) 535-7262
EMAIL: KEOGH@KEOGHENGINEERING.COM
CONTACT: DENNIS KEOGH

SHEET INDEX

SHEET 1: COVER SHEET
SHEET 2: GRADING AND DRAINAGE PLAN

BASIS OF BEARING

S89°42'33"E ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA PER PLSS SUBDIVISION RECORD OF SURVEY AS RECORDED IN BOOK 656 OF MAPS, PAGE 44, RECORDS OF MARICOPA COUNTY, ARIZONA.

BENCH MARK

MARICOPA COUNTY ALUMINUM CAP AT THE INTERSECTION OF BELOAT ROAD AND MILLER ROAD.
ELEVATION=853.972
(NAVD88 DATUM)

▲ SITE BENCHMARK

RIM OF 2' GIA SEWER MANHOLE.
ELEVATION=858.01
(NAVD88 DATUM)

APPROVAL

DISCLAIMER:
THE CITY APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS AND OMISSIONS.

BY: _____
CITY OF BUCKEYE ENGINEER — DATE

BY: _____
FLOOD CONTROL DISTRICT MARICOPA COUNTY — DATE

BY: _____
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION — DATE

BY: _____
MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT — DATE

BY: _____
PRIVATE WATER — DATE

BY: _____
PRIVATE SEWER — DATE

BY: _____
ROOSEVELT IRRIGATION DISTRICT (RID) — DATE

BY: _____
BUCKEYE WATER CONSERVATION & DRAINAGE DISTRICT — DATE

(OTHER SIGNATURE LINES AS REQUIRED)

FEMA FLOOD ZONE INFORMATION

COMMUNITY NUMBER	PANEL # / PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEV. (IN AO ZONE, USE DEPTH)
040039	2580 10/16/13	L	10/16/2013	X	N/A

ALL FLOOD ZONES ARE SHOWN IN THIS PLAN SET.

GENERAL PERMITTING NOTES

1. ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF BUCKEYE DESIGN STANDARDS. IF THERE IS A CONFLICT, THE CITY OF BUCKEYE STANDARDS WILL GOVERN.
2. THE APPROVAL OF THE PLANS IS VALID FOR ONE (1) YEAR FROM THE DATE OF THE CITY ENGINEER'S SIGNATURE. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN ONE (1) YEAR, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
3. A CITY OF BUCKEYE INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF BUCKEYE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY THE CITY 24 HOURS PRIOR TO THE INSPECTION BY CALLING (623) 349-6248.
4. CITY PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. A CITY PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER ALL FEES HAVE BEEN PAID AND THE PERMIT HAS AN APPROVED MARICOPA COUNTY ENVIRONMENTAL SERVICES DUST PERMIT AND AN APPROVED STORM WATER POLLUTION PREVENTION PLAN ATTACHED. THE SWPPP SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
5. COPIES OF ALL PERMITS AND MOST RECENT APPROVED PLANS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS AND PLANS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL PROPER PERMIT DOCUMENTATION AND/OR PLANS ARE OBTAINED. ALL OF THESE REQUIREMENTS APPLY TO ONSITE GRADING AND IMPROVEMENT PLANS.

UTILITY COMPANIES

		DATE SUBMITTED
ELECTRIC	ARIZONA PUBLIC SERVICE	
TELEPHONE	CENTURY LINK	
CATV	COX COMMUNICATIONS	
WATER	CITY OF BUCKEYE	
SEWER	CITY OF BUCKEYE	
GAS	SOUTHWEST GAS	

UTILITY NOTE

LOCATION OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION SUPPLIED TO THE ENGINEER BY THE APPROPRIATE UTILITY COMPANIES. ENGINEER DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR OWNER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.

STORM WATER DRAINAGE CERTIFICATE

1. THE DEVELOPMENT WILL PROVIDE FOR ON-SITE RETENTION FOR THE RUNOFF FROM A 100-YEAR 2-HOUR STORM.
2. ALL FLOWS FROM THE 10-YEAR STORM WILL BE CONTAINED WITHIN THE STREET (FROM CURB TO CURB).
3. ALL STORM WATER RETENTION WILL BE DRAINED WITHIN 36-HOURS. IF BASINS DO NOT DRAIN WITHIN 36-HOURS, DEVELOPER/OWNER SHALL ENACT MEASURES TO CORRECT.
4. ALL DRAINAGE DESIGN WILL COMPLY WITH THE CITY OF BUCKEYE CURRENT GRADING AND DRAINAGE DESIGN STANDARDS.
5. FINISH FLOOR ELEVATIONS MUST BE A MINIMUM OF 14-INCHES ABOVE THE OUTFALL TOP OF CURB ELEVATION AND 12-INCHES ABOVE THE COMPUTED 100-YEAR WATER ELEVATIONS AND 1-FOOT ABOVE THE EMERGENCY OUTFALL ELEVATIONS AT ANY ADJACENT RETENTION BASIN, WHICH EVER IS GREATER.
6. ALL RETENTION BASINS SHALL HAVE A MINIMUM OF 1-FOOT OF FREEBOARD.

BY: _____ 6/23/20
REGISTERED CIVIL ENGINEER — DATE
(REQUIRED ON GRADING AND DRAINAGE PLANS)

SUMMARY OF QUANTITIES

PUBLIC

ITEM	UNIT	AMOUNT

PRIVATE

ITEM	UNIT	AMOUNT

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION SHOWN HEREON WAS OBTAINED UNDER MY DIRECT SUPERVISION AND IS CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

_____
ARIZONA REGISTERED LAND SURVEYOR — DATE

_____
ARIZONA REGISTRATION NUMBER

_____
TELEPHONE NUMBER

KEOGH ENGINEERING INC.

DFK | SPK | DFK
DJK | SPK | DFK
SCALE: 1"=10'

GRADING and DRAINAGE PLANS
KITCHEN ADDITION

PREPARED BY:
Keogh Engineering, Inc.
650 N. 137TH AVENUE, #110 • GOODYEAR, ARIZONA 85338
PHONE: (623) 535-7260
EMAIL: keogh@keoghengineering.com

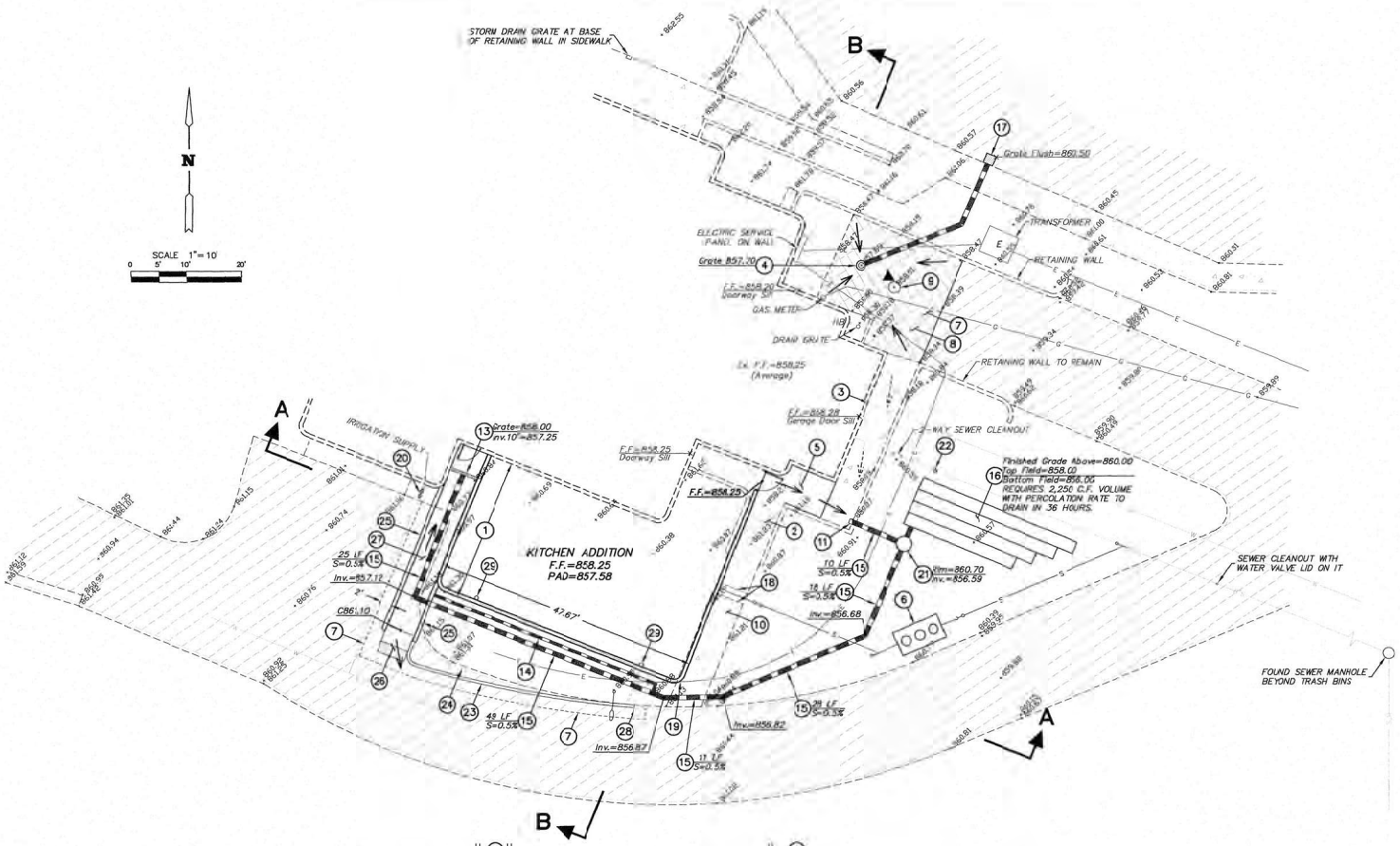
BUCKEYE SENIOR CENTER
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

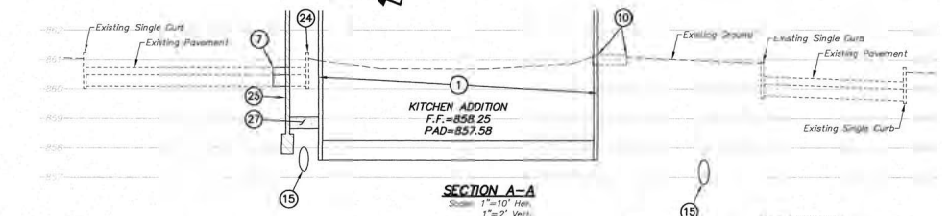
11,505
DENNIS FRANK KEOGH
6/23/20
REGISTERED PROFESSIONAL ENGINEER

FEB., 2020
JUNE, 2020
21664
1 of 2

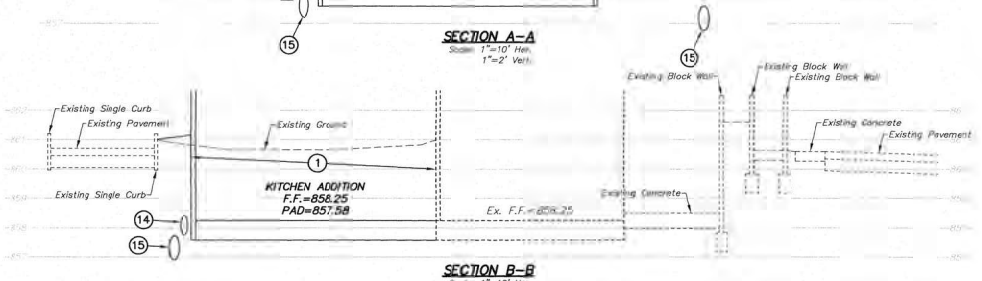
263-1100
Two working days before you dig CALL FOR THE BLUE STAKES

PLOT DATE/TIME: 06/23/20 09:08am
FILE PATH: L:\21664\Grading and Drainage\GD - 1.dwg
LAYOUT: Sheet 1
USER: WHITE





SECTION A–A
Scales: 1"=10' Hor.
1"=2' Vert.



SECTION B–B
Scales: 1"=10' Hor.
1"=2' Vert.

CONSTRUCTION NOTES

1. KITCHEN ADDITION ON COMPACTED PAD.
2. EXISTING STAIRS TO REMAIN.
3. EXISTING WATER SERVICE TO BE UTILIZED.
4. NEW SUMP PUMP. SEE PLUMBING PLANS.
5. REMOVE EXISTING CONCRETE AND REPLACE WITH NEW 4" THICK, 1,000 PSI CONCRETE. SHAPE CONCRETE TO PICK UP NEW DOOR SILL DRAINAGE AND DIRECT IT TO EXISTING STORM DRAIN GRATE.
6. GREASE TRAP. SEE PLUMBING PLANS.
7. SAWCUT AND REMOVE EXISTING PAVEMENT.
8. NEW 3" A.C. OVER 6" A.B.C. SHAPE TO DRAIN TO SUMP PUMP GRATE. COORDINATE WITH PLUMBING PLANS.
9. CONTRACTOR TO VERIFY USE OF EXISTING MANHOLE. REMOVE MANHOLE IF POSSIBLE. COORDINATE WITH MMK ARCHITECTS.
10. EXISTING CONCRETE SIDEWALK TO REMAIN.
11. CONTRACTOR TO VERIFY OUTLET OF THIS EXISTING STORM DRAIN GRATE.
12. SEE PLANS BY ADS.
13. TRENCH GRATE. SEE ARCHITECTS PLANS.
14. 8" FRENCH DRAIN. SEE ARCHITECTS PLANS.
15. 18" STORM DRAIN PIPE.
16. RETENTION SYSTEM. CONTRACTOR IS TO ENGAGE ADS OR APPROVED EQUAL FOR STORMTECH RETENTION SYSTEM DESIGN (BASIS OF DESIGN)
17. BUBBLER BOX.
18. SAWCUT AND PATCH CONCRETE BETWEEN EXISTING SCORE JOINTS FOR SEWERLINE INSTALLATION.
19. POTHOLE FOR LOCATION OF EXISTING ELECTRICAL POWERLINE AND RELOCATED AS REQUIRED.
20. INSTALL 3"x4" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR. COORDINATE WITH IRRIGATION PLANS.
21. "T" BY ADS.
22. INSTALL SEWER BACKFLOW PREVENTOR. COORDINATE WITH MECHANICAL/PLUMBING PLANS.
23. SAWCUT AND REMOVE EXISTING CURB.
24. NEW 6" VERTICAL CURB PER MAG DET. 222, TYPE B.
25. NEW RETAINING WALL. SEE ARCHITECT'S PLANS FOR DETAILS.
26. NEW RAMP. SEE ARCHITECT'S PLANS FOR DETAILS.
27. NEW CONCRETE RAMP WITH 5-1/2" (MIN.) THICK, 3,000 PSI CONCRETE.
28. MATCH NEW CURB TO EXISTING CURB.
29. ROOF DRAIN, SPLASH PAD, AND DRAIN PIPE. SEE ARCHITECT'S PLANS FOR DETAILS.

REVISIONS
1
2
3

PLAN NAME
PORTION OF BUCKEYE SENIOR CENTER
GRADING & DRAINAGE PLANS

ENGINEER INFORMATION
Keogh Engineering, Inc.

COB PERMITTING APPROVED SEAL | COB ENGINEERING APPROVED SEAL | SUBMITTAL

AS-BUILT SEAL | DESIGN SEAL

ORIGINAL PLAN DATE: FEB., 2020
LATEST REVISION DATE: JUNE, 2020
PROJECT NUMBER: 21864
SHEET NUMBER: 2 of 2

COB PLAN TRACKING # | COB PERMIT #

Call at least two full working days before you begin excavation.
ARIZONA 811 Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

PLOT DATE/TIME: 06/23/20 09:08am
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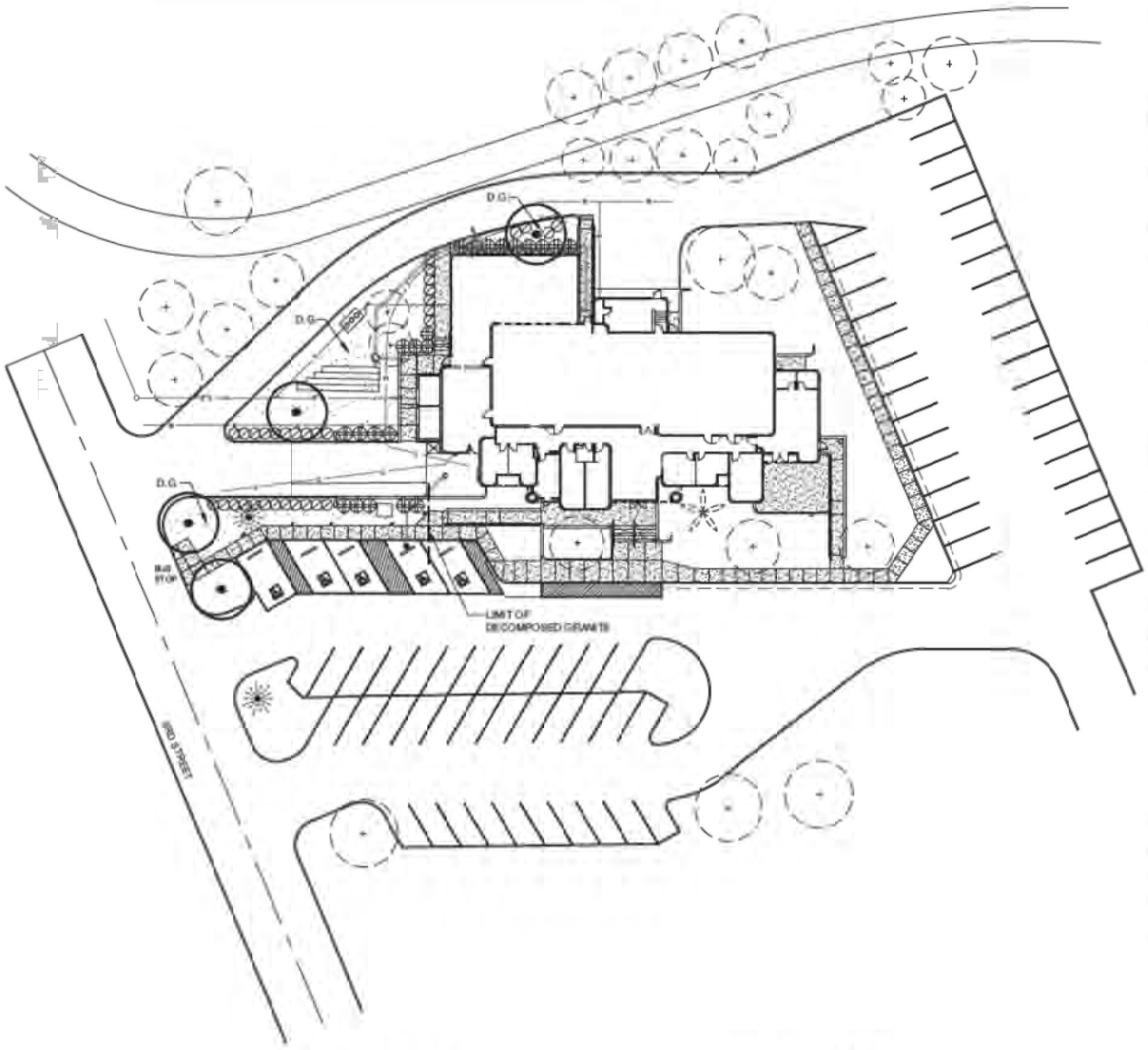

LANDSCAPE PLAN



VICINITY MAP

N.T.S.

SHEET INDEX

LANDSCAPE PLAN	L1
IRRIGATION PLAN	L2
DETAIL SHEET	L3

PLANT LIST

SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY	REMARK
	EXISTING PLANTS			
	EXISTING PALM TREE TO REMAIN			PROTECT FROM DAMAGE DURING CONSTRUCTION
	EXISTING TREE TO REMAIN			PROTECT FROM DAMAGE DURING CONSTRUCTION
	EXISTING OCOTILLO TO REMAIN			PROTECT FROM DAMAGE DURING CONSTRUCTION
	TREES			
	PARKINSONIA FLORIDUM BLUE PALO VERDE	36 BOX MULTI-TRUNK		
	SHRUBS / VINES			
	LEUCOPHYLLUM LANGMANIAE TROPHAVOT RIO BRAVO TEXAS SAGE	5 GALLON	23	
	RUELLIA PENINSULARIS BAJA RUELLIA	5 GALLON	35	
	MISCELLANEOUS			
	DECOMPOSED GRANITE MATCH EXISTING COLOR	MATCH EXISTING SIZE		PROVIDE SAMPLE. TOP DRESS AREAS DISTURBED BY CONSTRUCTION WITH A 2 LAYER OF DECOMPOSED GRANITE

INCIDENTAL GRADING

PROVIDE A SMOOTH GRADE TRANSITION BETWEEN DISTURBED AND UNDISTURBED AREAS OF THE SITE

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Michael Wilson Kelly Architects, Ltd.

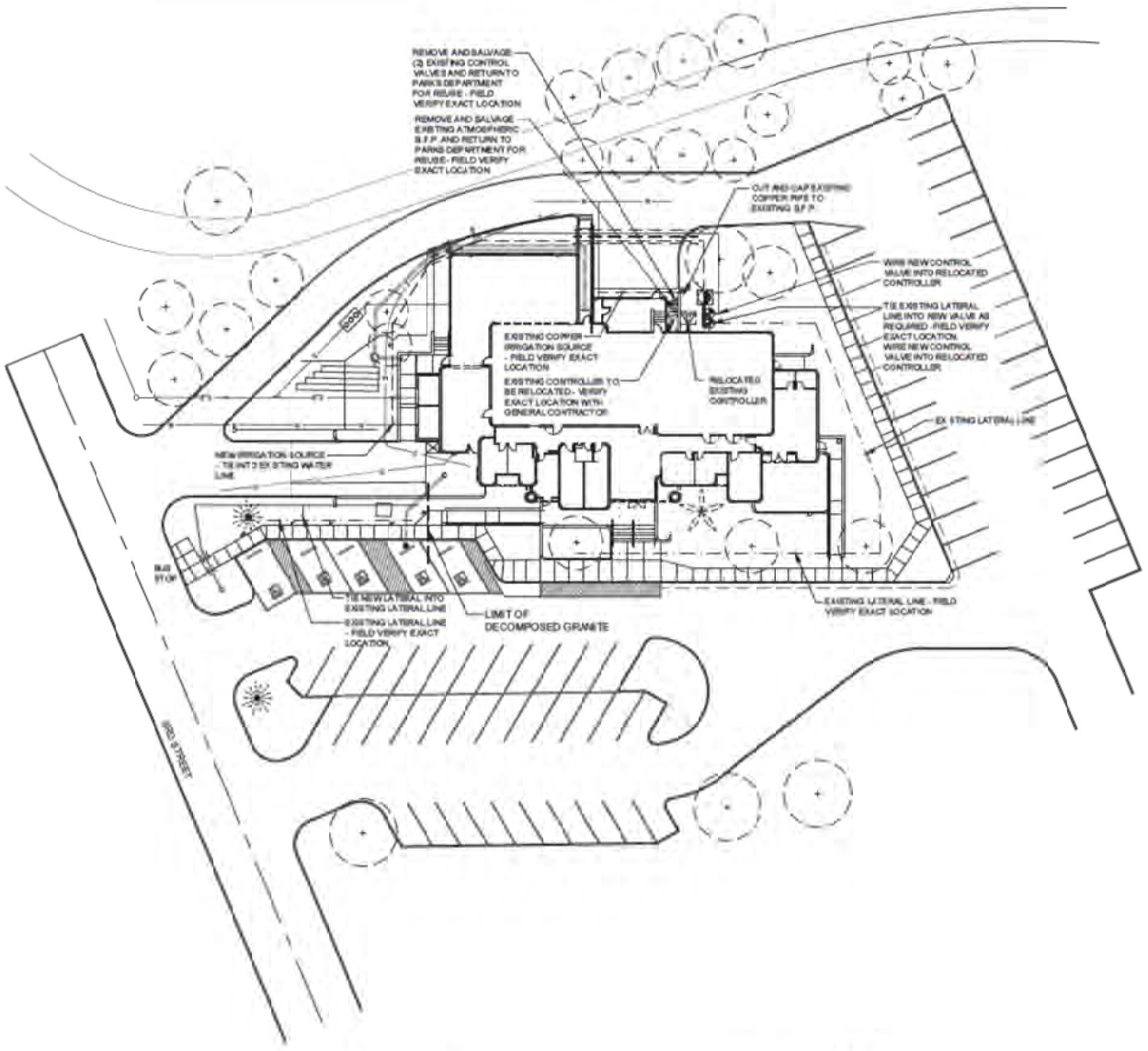
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
DG	GG
Project No.	Date:
2019.12	10JUNE2020

LANDSCAPE PLAN

L1
1 OF 1



IRRIGATION PLAN

1" = 20'-0"

0 10' 20' 40'

IRRIGATION COMPONENTS

		EXISTING CONTROLLER TO BE RELOCATED
		RELOCATED EXISTING CONTROLLER (INSTALLED IN CLOCK GUARD ENCLOSURE)
	825YA-1	FEBCO REDUCED PRESSURE BACKFLOW PREVENTER (INSTALLED IN BACKFLOW PREVENTER ENCLOSURE)
	100-PEB 1	RAINBIRD 1 ELEC. VALVE, 1 FILTER, AND 3/ SENNINGER PRESSURE REGULATOR FOR DRIP
	SCHEDULE 0	PVC WIRE SLEEVE, 1 1/2 DIAMETER
		EXISTING LATERAL LINE
	SCH. 0	NEW 1 COPPER PIPE IRRIGATION SOURCE MATCH EXISTING
	SCH. 0	PVC MAINLINE, 1 1/
	CLASS 200	PVC PIPE TO EMITTERS, 3/
	FLUSH NG END CAP	INSTALL IN SEPARATE 10 PLASTIC VALVE BOX

NOTES:

1. USE BOWSMITH EMITTERS PER EMITTER SCHEDULE.
2. INSTALL #12 TRACER WIRE ABOVE NEW WATER SOURCE LINE.
3. USE #12, DIRECT BURIAL WIRE FOR ALL 2 -VOLT WIRING.
4. INSTALL VALVES IN PLASTIC VALVE BOXES WITH LOCKING LIDS, BY CARSON INDUSTRIES INC. OR APPROVED EQUAL BY OWNER'S REPRESENTATIVE - ONE VALVE PER VALVE BOX. INSTALL TAN COLOR VALVE BOXES IN DECOMPOSED GRANITE AREAS

EMITTER SCHEDULE

PLANT SIZE	EMITTER TYPE	GPH/ OUTLET	OUTLETS/ PLANT	TOTAL GPH PER PLANT
36 BOX	2 MULTI-PORT	2	8	16
2 BOX	2 MULTI-PORT	2	6	12
5 GALLON	1 MULTI-PORT	1	1	1
1 GALLON	1 MULTI-PORT	1	1	1

IRRIGATION SYSTEM

1. MAINTAIN EXISTING IRRIGATION SYSTEM TO EXISTING PLANT MATERIAL DURING CONSTRUCTION.
2. PROVIDE FULL COVERAGE TO ALL EXISTING AND NEW PLANT MATERIAL AT COMPLETION OF CONSTRUCTION. CUT, CAP, AND EXTENDED EXISTING IRRIGATION SYSTEM AS REQUIRED. FIELD VERIFY EXISTING IRRIGATION SYSTEM.

NOTE

THE IRRIGATION PLAN IS SCHEMATIC. THE PIPING, VALVES, ETC., SHALL BE INSTALLED IN PLANTING AREAS WHERE PIPING AND EQUIPMENT IS SHOWN RUNNING PARALLEL TO AND OUTSIDE OF PLANTING AREAS.

the HOOSESWICK partnership landscape architects and planners

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Michael Wilson Kelly – Architects, Ltd. –

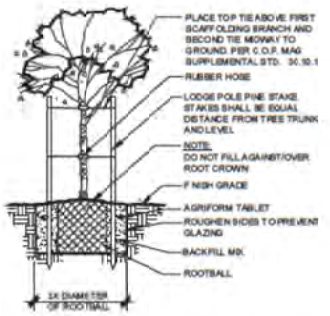
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

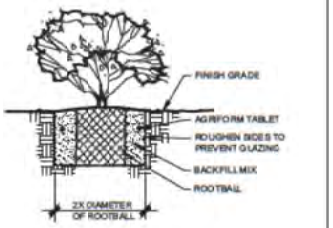
Drawn by:	Checked by:
DG	GG
Project No:	Date:
2019.12	17/JUNE2020

IRRIGATION PLAN

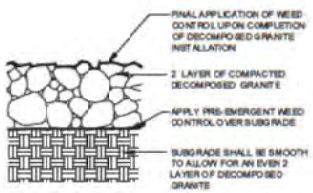
L2
3 OF 3



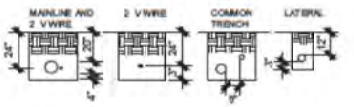
1 TREE PLANTING N.T.S.



2 SHRUB PLANTING N.T.S.



3 DECOMPOSED GRANITE N.T.S.



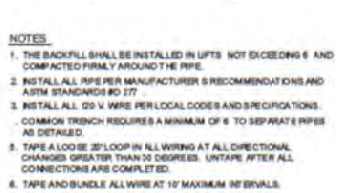
NOTES

1. THE BACKFILL SHALL BE INSTALLED IN LIFTS NOT EXCEEDING 6" AND COMPACTED FIRMLY AROUND THE PIPE.
2. INSTALL ALL PIPE PER MANUFACTURER'S RECOMMENDATIONS AND ASTM STANDARDS #D 2774.
3. INSTALL ALL 220 V. WIRE PER LOCAL CODES AND SPECIFICATIONS. COMMON TRENCH REQUIRES A MINIMUM OF 6" TO SEPARATE PIPES AS DETAILED.
5. TAPE A LOOSE 20" LOOP IN ALL WIRING AT ALL DIRECTIONAL CHANGES GREATER THAN 30 DEGREES. UNTAPE AFTER ALL CONNECTIONS ARE COMPLETED.
6. TAPE AND BUNDLE ALL WIRE AT 10' MAXIMUM INTERVALS.

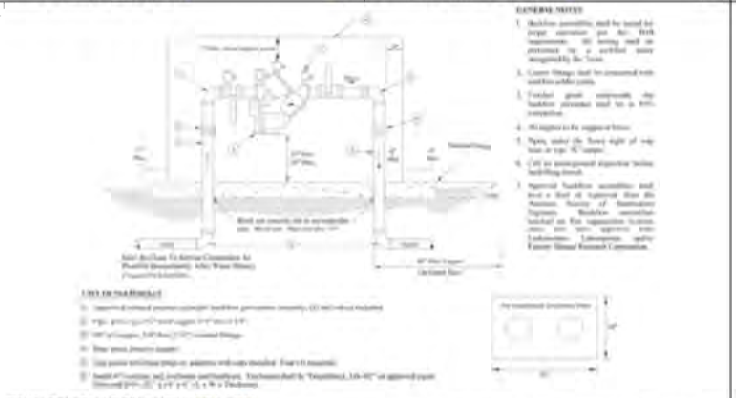
4 TRENCH DETAIL N.T.S.

NOTE

ALL SLEEVES TO BE PVC SCHEDULE 0, UNLESS NOTED OTHERWISE. INSTALL ALL SLEEVES A MINIMUM OF 2' BELOW GRADE.

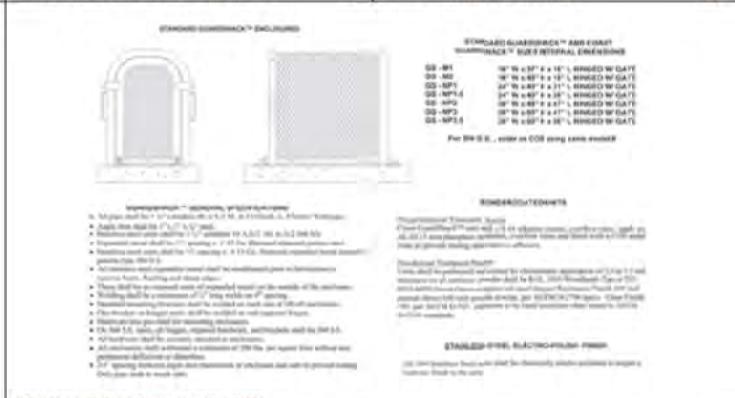


5 SLEEVE DETAIL N.T.S.



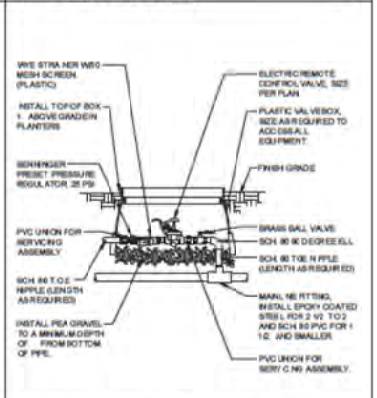
TOWN OF BUCKEYE STANDARD DETAIL 31353

6 REDUCED PRESSURE PRINCIPAL BACKFLOW ASSEMBLY, 3/4" THROUGH 2 1/2" N.T.S.



TOWN OF BUCKEYE STANDARD DETAIL 31358

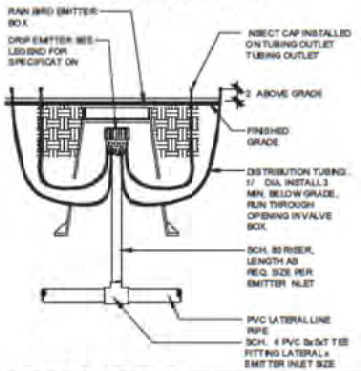
8 BACKFLOW PREVENTION ENCLOSURES N.T.S.



10 REMOTE CONTROL VALVE N.T.S.

NOTE

INSTALL EMITTERS IN RAIN BIRD BE-XT-X EMITTER BOX



11 MULTI-PORT EMITTER N.T.S.

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH AND PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS NECESSARY TO INSTALL ALL LANDSCAPE MATERIALS AS INDICATED ON PLAN OR AS SPECIFIED.
2. ANY AND ALL SUBSTITUTIONS AND/OR FIELD CHANGES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
3. ALL PLANTS SHALL BE NURSERY GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT. ALL PLANTS SHALL MEET A.N.A. SIZE SPECIFICATIONS. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANTS AND MATERIALS SHOWN ON PLAN. THE QUANTITIES LISTED ON THE PLANT MATERIALS LIST ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY.
5. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY MATERIAL HE DEEMS UNACCEPTABLE.
6. SUBMIT WRITTEN GUARANTEES, "AS-BUILTS" DRAWINGS AND COMPLETE MAINTENANCE INSTRUCTIONS ON THE CARE AND FEEDING OF THE PLANTS TO THE OWNER'S REPRESENTATIVE.
7. SUBMIT DECOMPOSED GRANITE SAMPLES TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION.
8. THE LANDSCAPE CONTRACTOR SHALL REVIEW THIS WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
9. THE LANDSCAPE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO START OF ANY WORK AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR CLARIFICATION. DO NOT START ANYWORK UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.
10. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE FOR A PERIOD OF 90 CALENDAR DAYS FROM DATE OF APPROVED SUBSTANTIAL COMPLETION OF THE PROJECT BY OWNER'S REPRESENTATIVE.
11. GUARANTEE ALL PLANTS TO BE ALIVE AND IN HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF 1 YEAR AFTER FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER'S REPRESENTATIVE.
12. ALL WEEDS AND UNWANTED GRASSES SHALL BE TREATED WITH A NON-TOXIC HERBICIDE PER MANUFACTURER'S INSTRUCTIONS AND REMOVED. RE-APPLY AS NECESSARY. REMOVE ALL DEBRIS FROM SITE. HERBICIDE SHALL NOT CONTAIN GLYPHOSATE.
13. BACKFILL ALL PLANT PITS WITH A MIXTURE OF 2 PARTS NATIVE SOIL AND 1 PART NITROGENIZED WOOD MULCH.
14. ADD "AGRIFORM" FERTILIZER TABLETS (20-10-5), AT THE FOLLOWING RATES:
    - BOXED PLANTS - 5 TABLETS
    - 15 GALLON PLANTS - 3 TABLETS
    - 5 GALLON PLANTS - 2 TABLETS
    - 1 GALLON PLANTS - 1 TABLETS
15. UNLESS OTHERWISE NOTED ON PLANS, DECOMPOSED GRANITE SHALL EXTEND UNDER SHRUBS / GROUND COVER AND RAKED UNIFORMLY ALONG WALLS, SIDEWALKS, AND CURBS.
16. SEE ENGINEERING DRAWINGS FOR DRAINAGE FLOWS. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE THAT THESE ARE PROVIDED AND NOT IMPAIRED BY OBSTRUCTIONS.
17. FINISH GRADE OF ALL DECOMPOSED GRANITE AREAS, (TOP OF FINISHED MATERIAL), SHALL BE 3" BELOW ADJACENT PAVING / CURB.
18. THE LANDSCAPE CONTRACTOR SHALL WATER TEST ALL PLANTING HOLES PRIOR TO PLANTING. IF HOLES DO NOT DRAIN PROPERLY, EXCAVATE FURTHER UNTIL IMPERMEABLE LAYER IS BREACHED.
19. STAKE ALL TREES OUTSIDE ROOTBALL.
20. THE LANDSCAPE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE PRIOR TO EACH APPLICATION OF PRE-EMERGENT FOR VERIFICATION.
21. REMOVE ALL WASTE MATERIAL AND LEGALLY DISPOSE OF OFF-SITE.
22. THE OWNER'S REPRESENTATIVE SHALL BE GIVEN [illegible] DAYS NOTICE PRIOR TO THE FOLLOWING:
    - UPON INSTALLATION OF THE IRRIGATION SYSTEM, PRIOR TO BACKFILLING TRENCHES
    - AFTER SPOTTING LOCATIONS, BUT PRIOR TO INSTALLING PLANT MATERIAL
    - UPON COMPLETION OF ALL WORK

12 PLANTING NOTES

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT, LABOR AND INCIDENTALS NECESSARY TO CONSTRUCT A COMPLETE IRRIGATION SYSTEM AS INDICATED ON PLAN, OR AS MAY BE REQUIRED FOR THE PROPER OPERATION OF THE IRRIGATION SYSTEM.
2. ALL WORK SHALL CONFORM TO APPLICABLE CODES AND ORDINANCES.
3. ALL MATERIALS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE THE OWNER'S REPRESENTATIVE WITH MANUFACTURER'S PRODUCT DATA, CATALOG OF PARTS, WRITTEN OPERATION AND MAINTENANCE INSTRUCTIONS, AND "AS-BUILT" DRAWINGS.
5. GUARANTEE THE ENTIRE SYSTEM AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF 1 YEAR FROM FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER'S REPRESENTATIVE.
6. PROVIDE AND INSTALL ELECTRICAL AND IRRIGATION SLEEVES UNDER PAVEMENT TO ALL PLANTERS. ALL SLEEVES TO EXTEND A MINIMUM OF 6" FROM EDGE OF PAVEMENT. IRRIGATION FITTINGS SHALL BE INSTALLED A MINIMUM OF 12" FROM END OF SLEEVES.
7. MAINLINE AND CONTROL WIRE SHALL BE INSTALLED AS DETAILED ON PLAN. SLEEVES UNDER PAVED AREAS SHALL BE INSTALLED 2' DEEP. BACKFILL SHALL BE CLEAN SOIL FREE OF ROCKS, FOREIGN MATTER AND DEBRIS. USE COMMON TRENCHES WHEREVER POSSIBLE.
8. ALL PIPING SHALL BE PVC WITH STANDARD WEIGHT PVC FITTINGS.
9. LOW VOLTAGE WIRE CONNECTORS SHALL BE SOCKET SEAL TYPE WITH WATERPROOF SEALER.
10. THE IRRIGATION PLAN IS SCHEMATIC. PIPING AND EQUIPMENT SHOWN RUNNING PARALLEL TO AND OUTSIDE OF PLANTING AREAS IS SHOWN FOR CLARITY ONLY. THE PIPING, VALVES, ETC., SHALL BE INSTALLED IN PLANTING AREAS.
11. LOCATE EMITTERS ON UPHILL SIDE OF PLANTS IN SLOPED PLANTING AREAS.
12. ALL PLANTS REQUIRING MORE THAN ONE DRIP EMITTER SHALL HAVE EMITTERS EVENLY DISTRIBUTED AROUND THE EDGE OF ROOTBALL. ALL DRIP TUBES TO PLANTS SHALL BE CUT 1" - 3" ABOVE GRADE.
13. ADJUST THE ENTIRE IRRIGATION SYSTEM FOR PROPER DISTRIBUTION AND FULL COVERAGE OF WATER TO ALL PLANT MATERIAL. FLUSH DRIP SYSTEM THROUGH FLUSH CAPS.
1. ALL PEA GRAVEL IN VALVE BOXES TO BE CLEAR & 6" FROM TOP OF VALVE SO THAT VALVE IS COMPLETELY VISIBLE. LID OF VALVE BOX IS ALSO TO BE FREE OF DEBRIS.
15. REMOVE ALL WASTE MATERIAL AND LEGALLY DISPOSE OF OFF-SITE.
16. INSTRUCT THE OWNER ON THE OPERATION AND MAINTENANCE OF THE IRRIGATION SYSTEM.

14 IRRIGATION NOTES

MWKARCH
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History
Arts
Mitchell Wilson Kelly — Architects, Ltd.
20 North Fox Avenue Suite 100
Phoenix, AZ 85004 (602) 625-7867

Revisions:
A
A
A
A
B

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

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Project No.	Date:
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DETAIL SHEET

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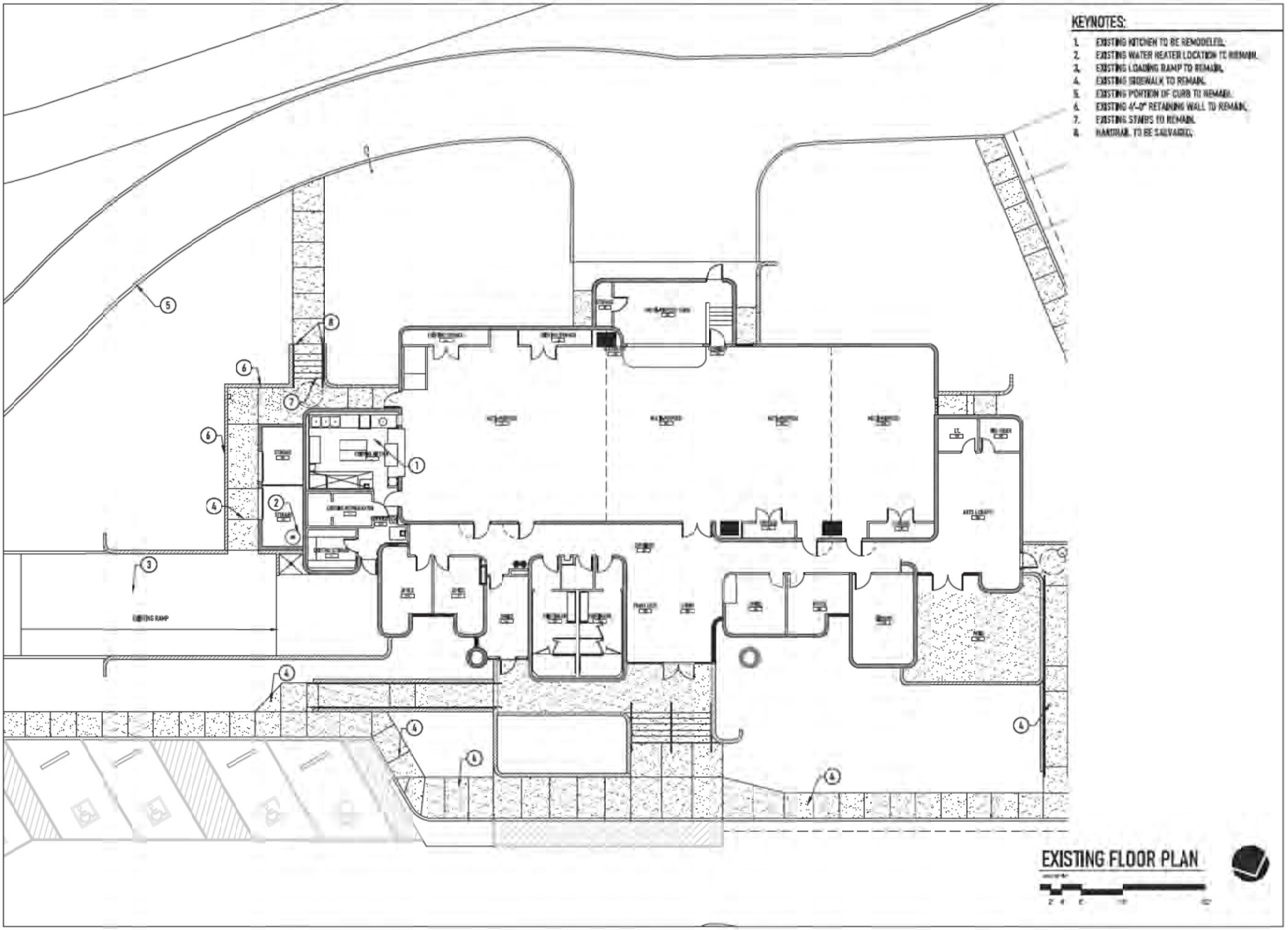
3OF3

897



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Architecture
Planning
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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

EXISTING FLOOR PLAN
A01.00

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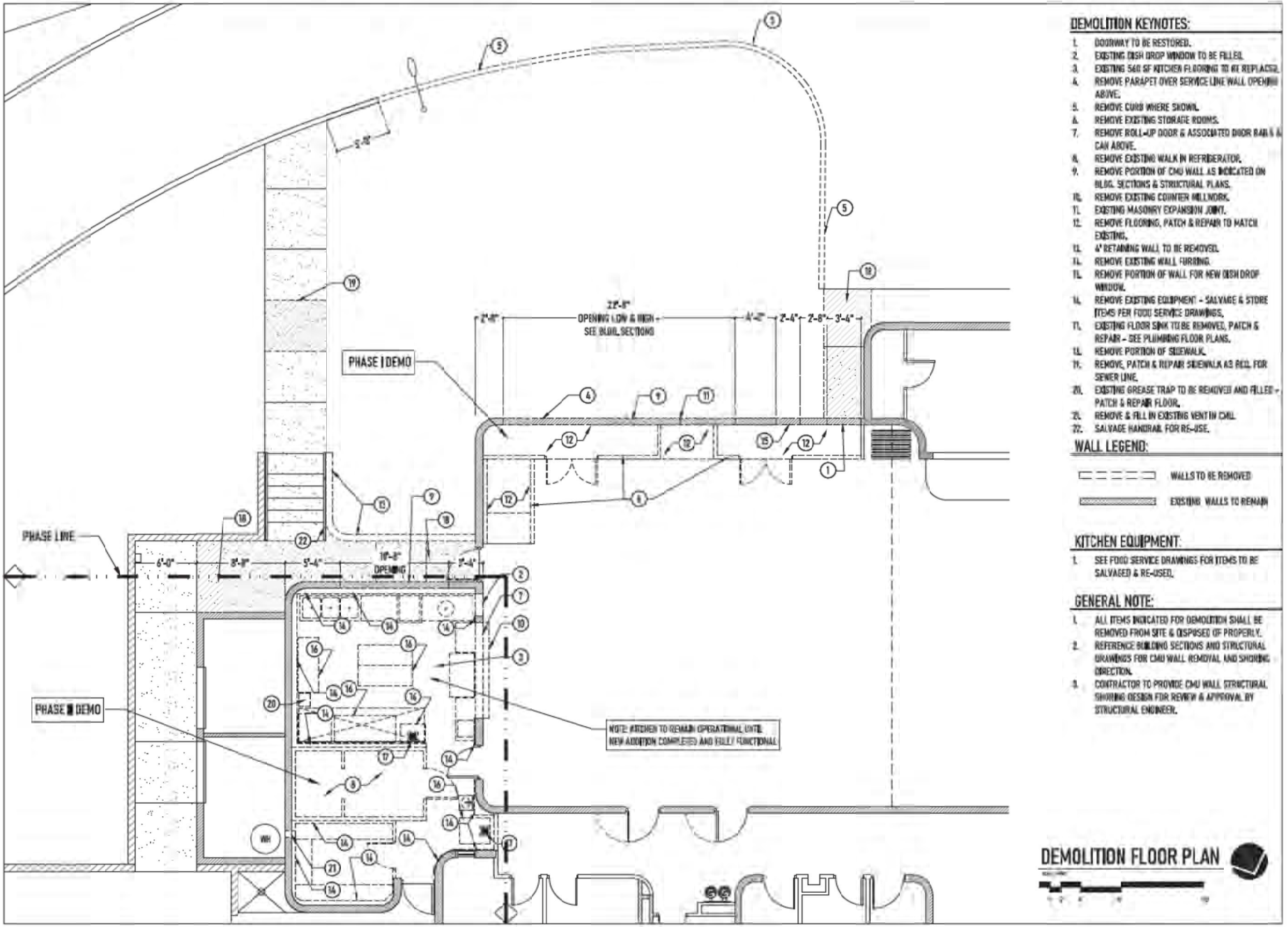

DEMOLITION KEYNOTES:

1. DOORWAY TO BE RESTORED.
2. EXISTING DISH DROP WINDOW TO BE FILLED.
3. EXISTING 560 SF KITCHEN FLOORING TO BE REPLACED.
4. REMOVE PARAPET OVER SERVICE LINE WALL OPENING ABOVE.
5. REMOVE CURB WHERE SHOWN.
6. REMOVE EXISTING STORAGE ROOMS.
7. REMOVE ROLL-UP DOOR & ASSOCIATED DOOR RAILS & CAN ABOVE.
8. REMOVE EXISTING WALK IN REFRIGERATOR.
9. REMOVE PORTION OF CMU WALL AS INDICATED ON BLDG. SECTIONS & STRUCTURAL PLANS.
10. REMOVE EXISTING COUNTER MILLWORK.
11. EXISTING MASONRY EXPANSION JOINT.
12. REMOVE FLOORING, PATCH & REPAIR TO MATCH EXISTING.
13. 4' RETAINING WALL TO BE REMOVED.
14. REMOVE EXISTING WALL FURRING.
15. REMOVE PORTION OF WALL FOR NEW DISH DROP WINDOW.
16. REMOVE EXISTING EQUIPMENT - SALVAGE & STORE ITEMS PER FOOD SERVICE DRAWINGS.
17. EXISTING FLOOR SINK TO BE REMOVED, PATCH & REPAIR - SEE PLUMBING FLOOR PLANS.
18. REMOVE PORTION OF SIDEWALK.
19. REMOVE, PATCH & REPAIR SIDEWALK AS REQ. FOR SEWER LINE.
20. EXISTING GREASE TRAP TO BE REMOVED AND FILLED - PATCH & REPAIR FLOOR.
21. REMOVE & FILL IN EXISTING VENT IN CMU.
22. SALVAGE HANDRAIL FOR RE-USE.

WALL LEGEND:

WALLS TO BE REMOVED

EXISTING WALLS TO REMAIN

KITCHEN EQUIPMENT:

1. SEE FOOD SERVICE DRAWINGS FOR ITEMS TO BE SALVAGED & RE-USED.

GENERAL NOTE:

1. ALL ITEMS INDICATED FOR DEMOLITION SHALL BE REMOVED FROM SITE & DISPOSED OF PROPERLY.
2. REFERENCE BUILDING SECTIONS AND STRUCTURAL DRAWINGS FOR CMU WALL REMOVAL AND SHORING DIRECTION.
3. CONTRACTOR TO PROVIDE CMU WALL STRUCTURAL SHORING DESIGN FOR REVIEW & APPROVAL BY STRUCTURAL ENGINEER.

DEMOLITION FLOOR PLAN

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2019.12	10 JUNE 2020

DEMOLITION FLOOR PLAN
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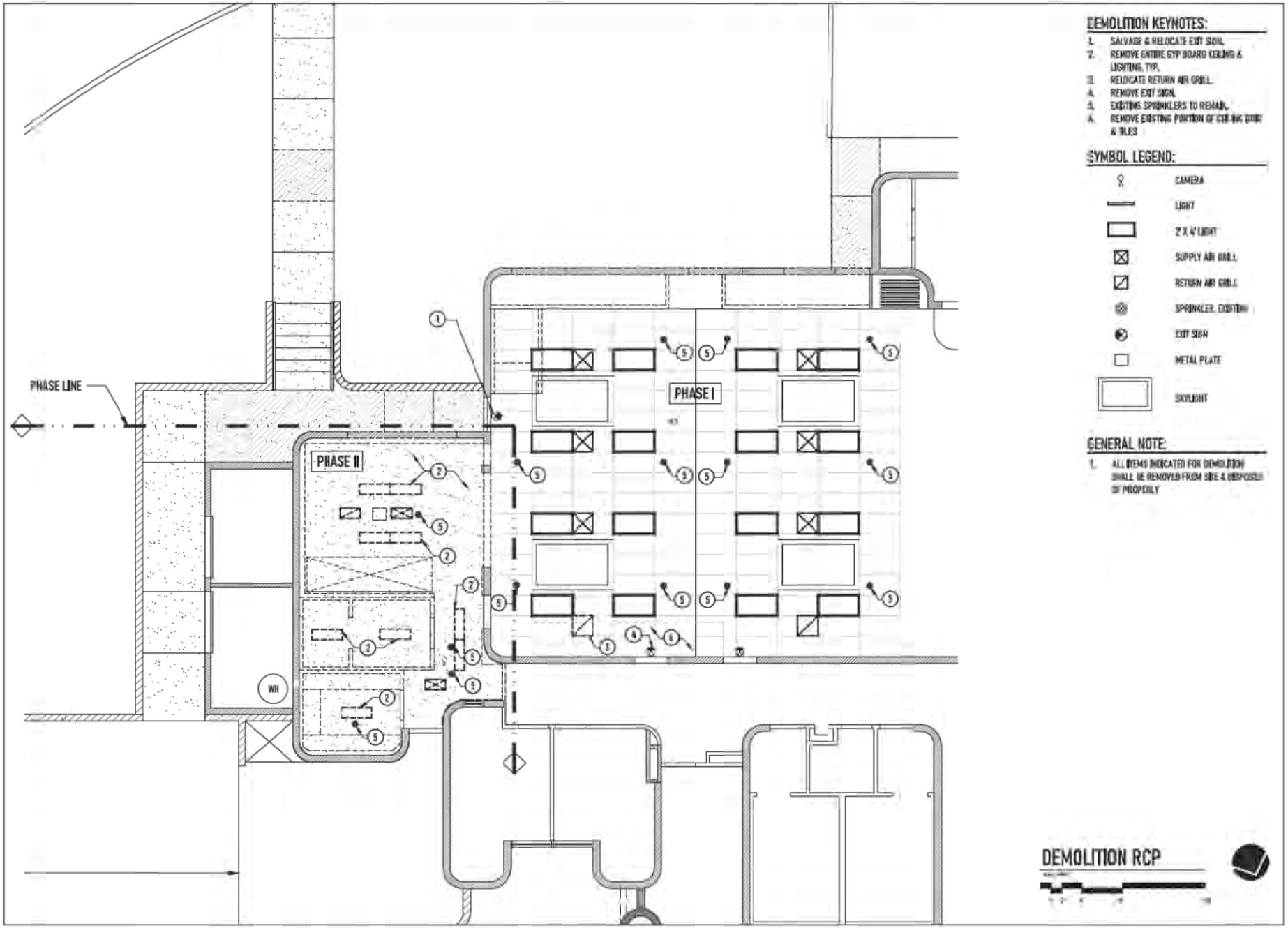

DEMOLITION KEYNOTES:

1. SALVAGE & RELOCATE EXIT SIGN.
2. REMOVE ENTIRE GYP BOARD CEILING & LIGHTING, TYP.
3. RELOCATE RETURN AIR GRILL.
4. REMOVE EXIT SIGN.
5. EXISTING SPRINKLERS TO REMAIN.
6. REMOVE EXISTING PORTION OF CEILING GRID & TILES

SYMBOL LEGEND:

- CAMERA
- LIGHT
- 2' X 4' LIGHT
- SUPPLY AIR GRILL
- RETURN AIR GRILL
- SPRINKLER, EXISTING
- EXIT SIGN
- METAL PLATE
- SKYLIGHT

GENERAL NOTE:

1. ALL ITEMS INDICATED FOR DEMOLITION SHALL BE REMOVED FROM SITE & DISPOSED OF PROPERLY

DEMOLITION RCP

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DEMOLITION REFLECTED CEILING PLAN

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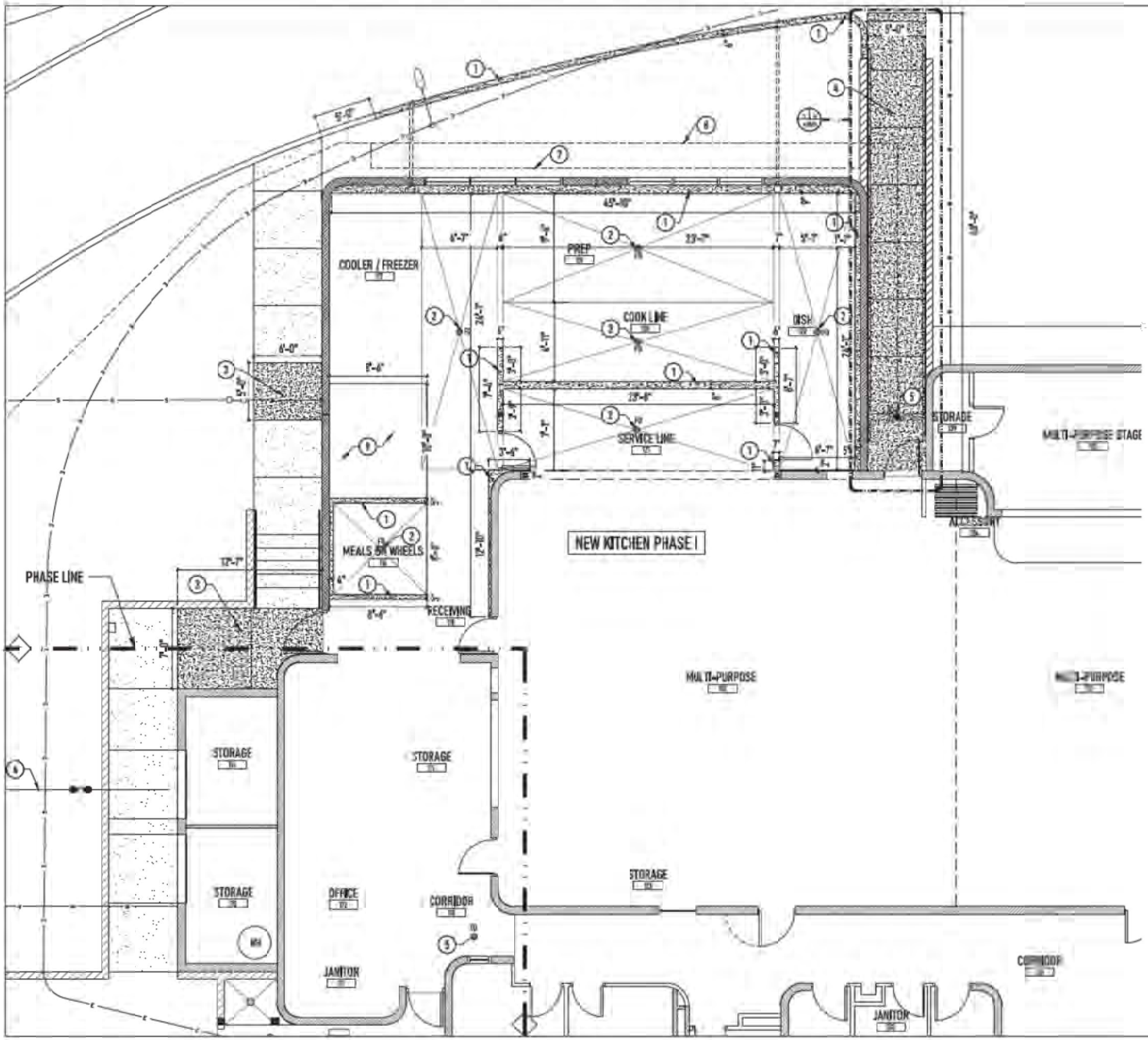

GENERAL NOTES:

1. SAW CUT AS REQUIRED FOR NEW PLUMBING AND DRAINS - PATCH & REPAIR SLAB.
2. SEE DIMENSION PLAN SHEET A02.03 FOR ADDITIONAL DIMENSIONS AND LAYOUT.

CURB PLAN KEYNOTES:

1. NEW 6" HIGH CONCRETE CURB, TYP.
2. NEW FLOOR DRAIN.
3. SAW CUT & REMOVE PORTION OF SIDEWALK - PATCH & REPAIR - SEE CIVIL PLANS.
4. NEW 4" CONCRETE SLAB FOR NEW ADA RAMP - SEE STRUCTURAL & CIVIL PLANS.
5. NEW TRENCH DRAIN.
6. EXISTING SEWER LINE.
7. 3" FRENCH DRAIN - SEE CIVIL PLANS.
8. 10" STORM DRAIN PIPE - SEE CIVIL PLANS.
9. INSULATED SLAB AREA.

CURB & SLAB PLAN

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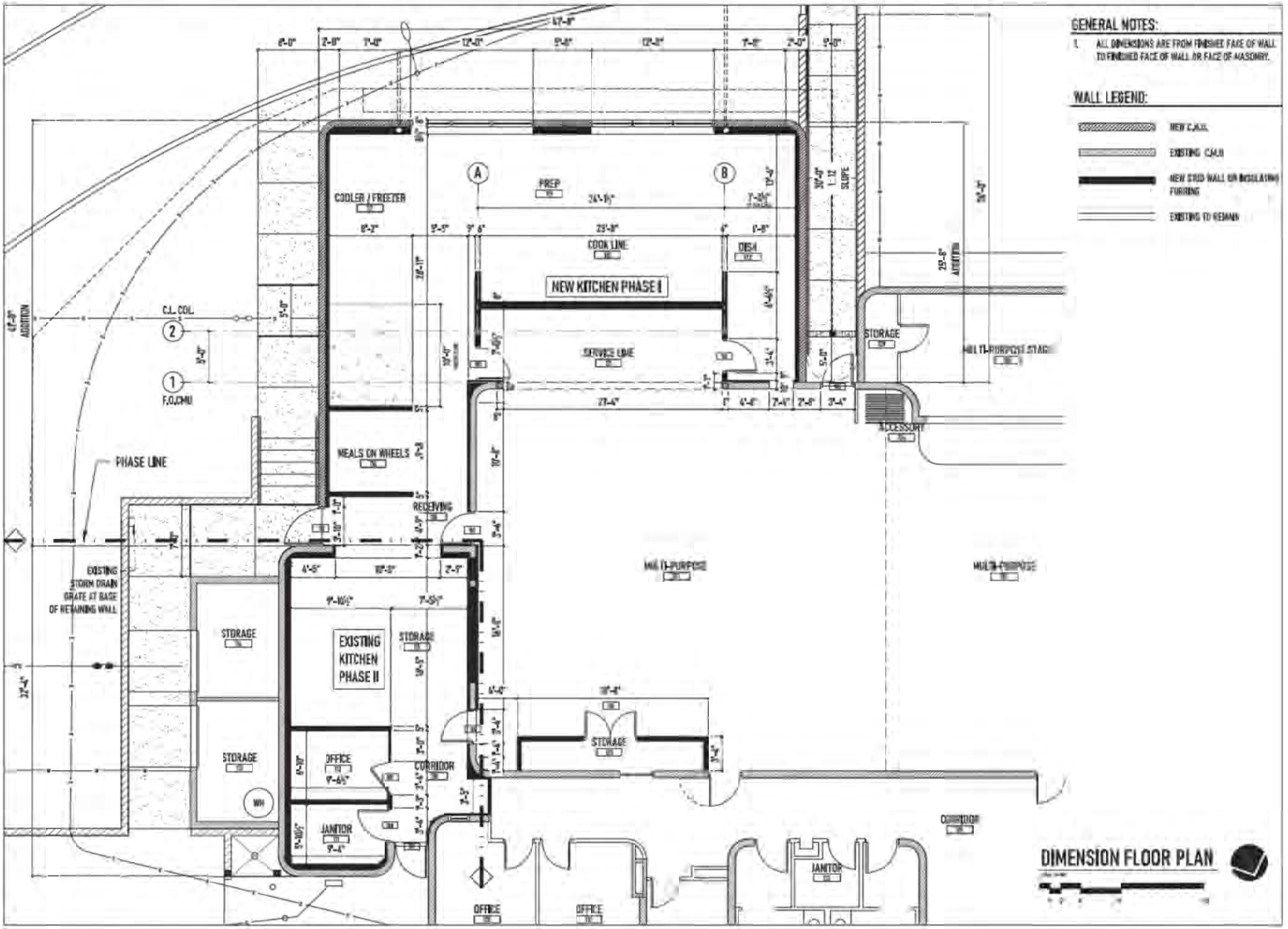
CURB & SLAB PLAN
A02.02



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DIMENSION FLOOR PLAN
A02.03

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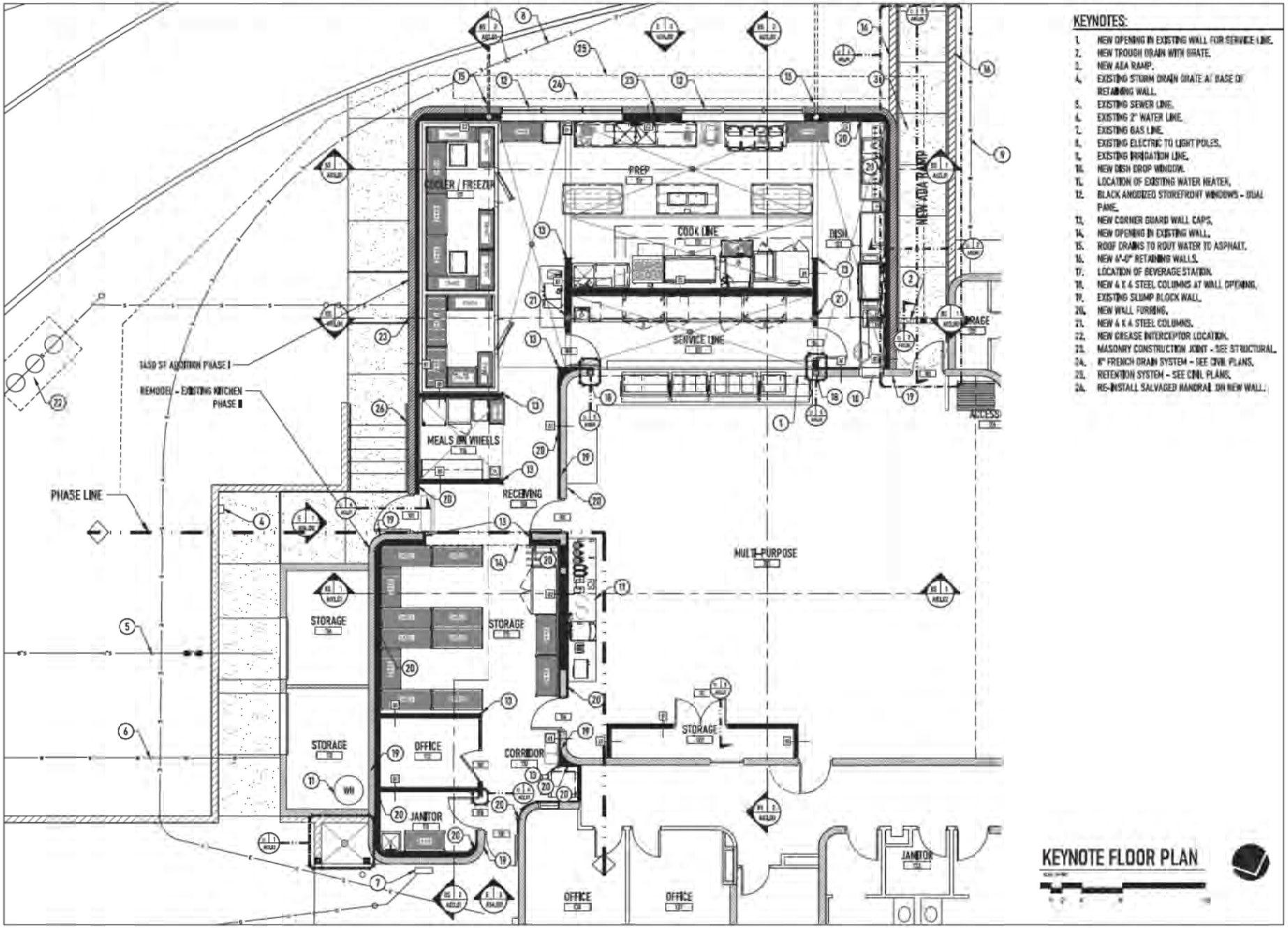

KEYNOTES:

1. NEW OPENING IN EXISTING WALL FOR SERVICE LINE.
2. NEW TROUGH DRAIN WITH GRATE.
3. NEW ADA RAMP.
4. EXISTING STORM DRAIN GRATE AT BASE OF RETAINING WALL.
5. EXISTING SEWER LINE.
6. EXISTING 2" WATER LINE.
7. EXISTING GAS LINE.
8. EXISTING ELECTRIC TO LIGHT POLES.
9. EXISTING IRRIGATION LINE.
10. NEW DISH DROP WINDOW.
11. LOCATION OF EXISTING WATER HEATER.
12. BLACK ANODIZED STOREFRONT WINDOWS - DUAL PANE.
13. NEW CORNER GUARD WALL CAPS.
14. NEW OPENING IN EXISTING WALL.
15. ROOF DRAINS TO ROUT WATER TO ASPHALT.
16. NEW 4'-0" RETAINING WALLS.
17. LOCATION OF BEVERAGE STATION.
18. NEW 4 X 4 STEEL COLUMNS AT WALL OPENING.
19. EXISTING SLUMP BLOCK WALL.
20. NEW WALL FURRING.
21. NEW 4 X 4 STEEL COLUMNS.
22. NEW GREASE INTERCEPTOR LOCATION.
23. MASONRY CONSTRUCTION JOINT - SEE STRUCTURAL.
24. 8" FRENCH DRAIN SYSTEM - SEE CIVIL PLANS.
25. RETENTION SYSTEM - SEE CIVIL PLANS.
26. RE-INSTALL SALVAGED HANDRAIL ON NEW WALL.

KEYNOTE FLOOR PLAN

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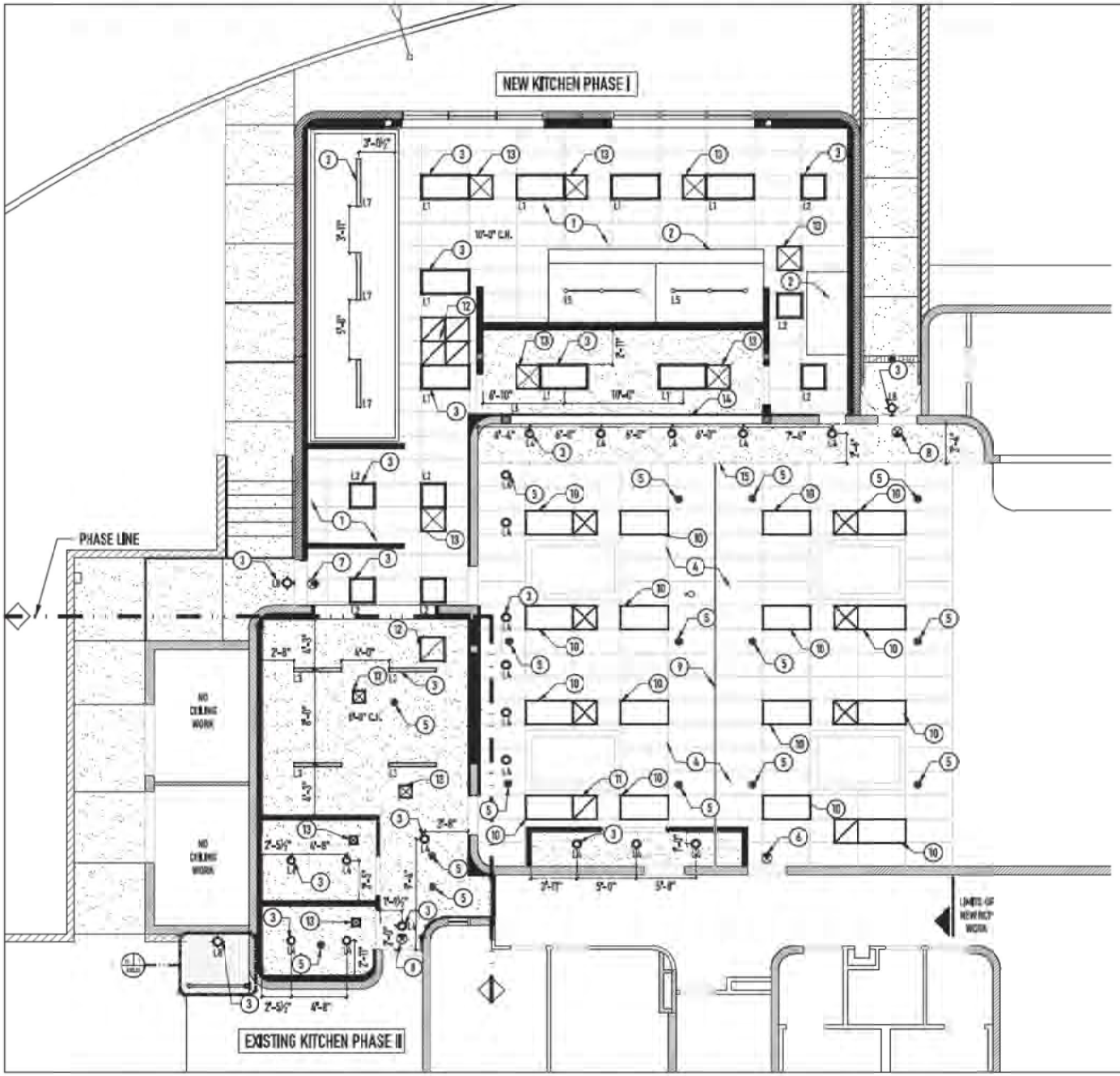
KEYNOTE FLOOR PLAN
A02.04



GENERAL NOTES:

1. SEE ELECTRICAL PLANS FOR LIGHTING.
2. NOTIFY ARCHITECT OF ANY CONFLICTS WITH LIGHTING, MECHANICAL OR STRUCTURAL.
3. RE-LAMP ALL EXISTING MULTI-PURPOSE ROOM FIXTURES TO MATCHING 3000 KV LED.
4. SEE ELECTRICAL FOR NEW WHOLE BUILDING FIRE ALARM SYSTEM.

RCP KEYNOTES:

1. NEW 2" X 4" GRID CEILING.
2. NEW EXHAUST HOOD - SEE MECHANICAL.
3. NEW LIGHTING FIXTURE, TYP. - SEE ELECTRICAL.
4. EXISTING CEILING GRID AND TILES.
5. EXISTING FIRE SPRINKLERS (NO CHANGE).
6. EXISTING EXIT SIGN (NO CHANGE).
7. RELOCATED EXIT SIGN.
8. NEW EXIT SIGN.
9. EXISTING CEILING TRACK (NO CHANGE).
10. EXISTING LIGHTING FIXTURE (NO CHANGE).
11. RELOCATED RETURN AIR GRILL.
12. NEW RETURN AIR GRILL LOCATION - SEE MECHANICAL.
13. NEW SUPPLY AIR GRILL LOCATIONS - SEE MECHANICAL.
14. EXPOSED WIDE FLANGE STEEL I-BEAM (PAINTED).
15. NEW SOFFIT.

LEGEND:

L1 NEW 2" x 4".
L2 NEW 2" x 2".
L3 NEW SURFACE MOUNTED LIGHT FIXTURE.
L4 NEW RECESSED CAN LIGHT FIXTURE.
L5 NEW L55 SERIES E24 HOOD CANOPY LIGHT FIXTURE - SEE FOOD SERVICE PLAN.
L6 NEW SURFACE MOUNTED LINEAR L.E.D. FIXTURE.
L7 NEW SURFACE MOUNTED LIGHT FIXTURE INCLUDED IN COOLER / FREEZER - SEE FOOD SERVICE PLAN.
L8 WALL MOUNTED SCONCE FIXTURE.

SYMBOL LEGEND:

CAMERA
SUPPLY AIR GRILL
RETURN AIR GRILL
SPRINKLER, EXISTING
EXIT SIGN
SKYLIGHT
WALL MOUNTED SCONCE LIGHT

REFLECTED CEILING PLAN

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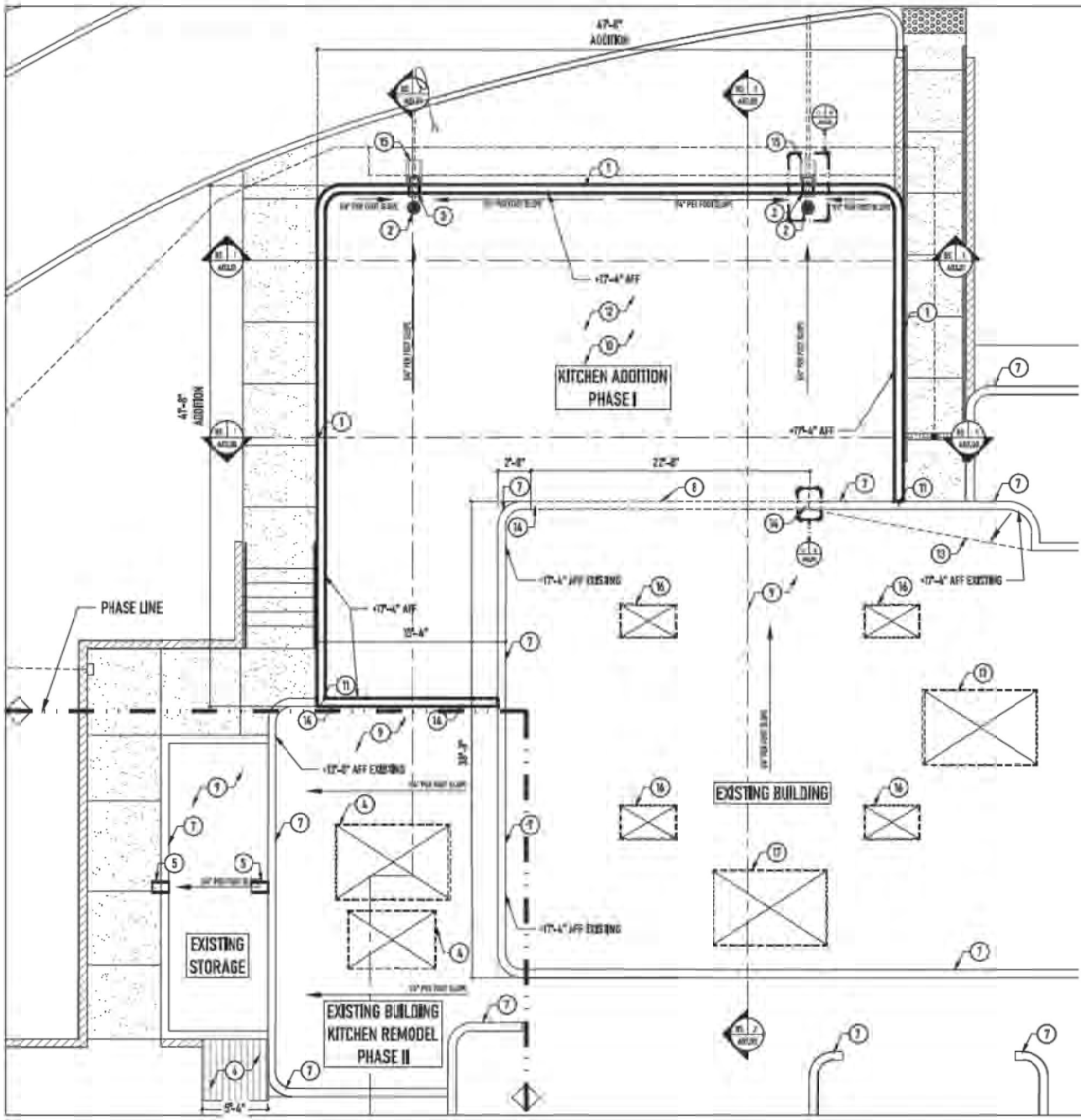
REFLECTED CEILING PLAN
A02.05



PLAN KEYNOTES

1. NEW PARAPET WITH METAL WALL CAP.
2. NEW ROOF DRAIN TO DAYLIGHT TO FACE OF CURB.
3. NEW "MESA PRECAST SC-2" CAST CONCRETE SCUPPER OVER FLOW SEE 3" HIGHER THAN FINISHED ROOF.
4. REMOVE EQUIPMENT – PATCH AND REPAIR ROOF, SPRAY FOAM ROOF TO 1.5" MIN.
5. EXISTING SCUPPER.
6. NEW METAL ROOF OVER MAT WASH – SEE ENLARGED SECTIONS A03.03.
7. EXISTING PARAPET WITH METAL WALL CAP.
8. REMOVE SECTION OF PARAPET FOR WATER DRAINAGE.
9. EXISTING SPRAY FOAM ROOFING.
10. 1-1/2" NEW SPRAY FOAM ROOFING.
11. NEW PARAPET CONNECTION WITH EXISTING BUILDING PARAPET.
12. NEW KITCHEN ADDITION ROOF.
13. NEW ROOF CRICKET TO ROUT WATER TO NEW ROOF DRAINS.
14. 4 X 4 STEEL COLUMN BELOW.
15. NEW "MESA PRECAST SB-8" PRE CAST CONCRETE SPLASH BLOCK.
16. EXISTING SKYLIGHTS TO REMAIN, TYP.
17. MECHANICAL EQUIPMENT TO REMAIN.

GENERAL NOTES

1. EXISTING KITCHEN MECHANICAL EQUIPMENT TO BE REMOVED AND REPLACED - PATCH AND REPAIR ROOF.
2. SEE MECHANICAL PLANS FOR NEW HVAC EQUIPMENT.
3. SEE STRUCTURAL FOR NEW ROOF FRAMING AND FOUNDATIONS.

PARTIAL ROOF PLAN

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PARTIAL ROOF PLAN
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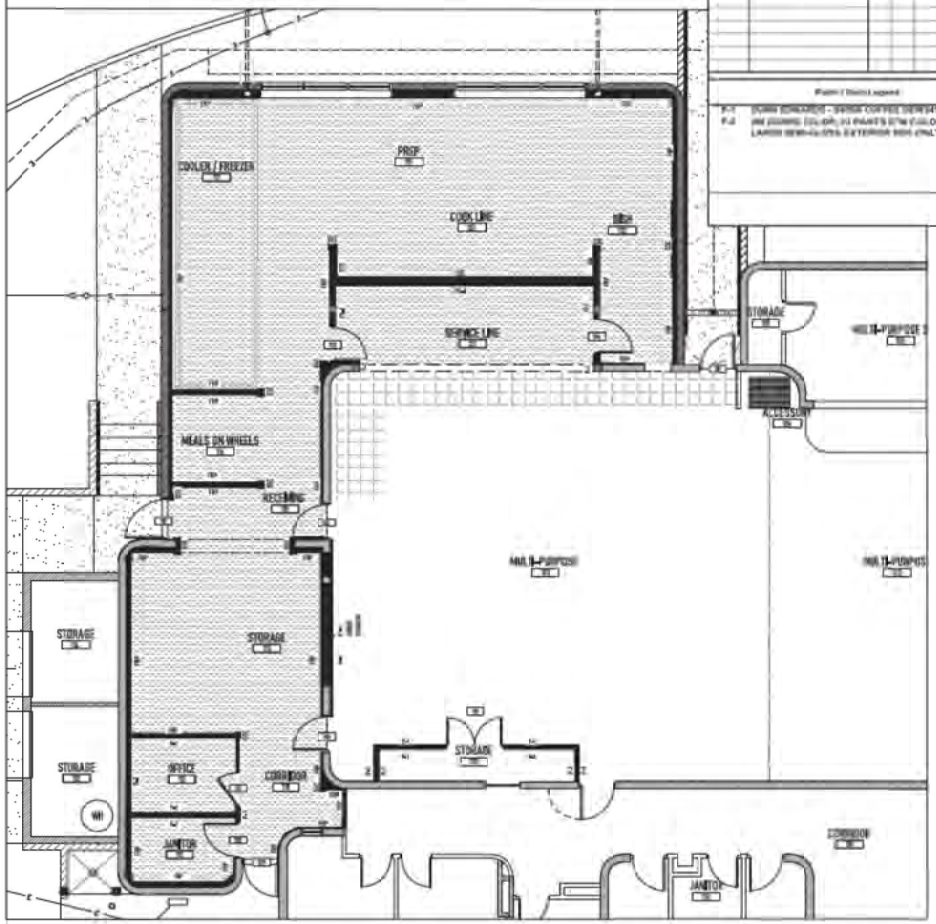

FINISH SCHEDULE		FLOOR			BASES			WALLS					WAINSCOT	CEILINGS		CEILING HEIGHTS	PAINT COLORS						
																	WALLS						
ROOM #	ROOM NAME	QUARRY TILE	VCT		6" QUARRY TILE COVED BASE GT	RUBBER CURVED BASE		5/8" GYP. BRD. LEVEL 4 FINISH, SMOOTH PAINTED	SLUMP BLOCK	FRP PANELS	CERAMIC TILE	STAINLESS STEEL CLADDING		VINYL LAY-IN CEILING (AC-1)	GYP. BRD., PAINTED		Paint 1	Paint 2	Paint 3	Paint 4	Exposed Steel Beam	Soffit	
150	CORRIDOR	X			X			X						X		9'-0"	X	X	X	X			
151	JANITOR	X			X			X						X		9'-0"	X	X	X	X			
152	OFFICE	X			X			X							X	9'-0"	X	X	X	X			
153	STORAGE	X			X			X						X		9'-0"	X	X	X	X			
154	MEALS ON WHEELS	X			X					X				X		9'-0"	X	X	X	X			
157	COOLER / FREEZER	X						X							X	9'-0"	X	X	X	X			
158	RECEIVING	X			X			X						X		9'-0"	X	X	X	X			
159	PREP	X			X					X				X		9'-0"	X	X	X	X			
160	COOK LINE	X			X							X		X		9'-0"	X	X	X	X			
161	SERVICE LINE	X			X						X			X	X	9'-0"	X	X	X	X	X	X	
162	SINK	X			X					X				X		9'-0"	X	X	X	X			
163	STORAGE		X					X							X	9'-0"	X	X	X	X			
164	MULTI-PURPOSE		X			X			X		X					9'-0"	X	X	X	X		X	

Paint / Stain Legend	Foundation Wall TBI Legend	Materials Legend
P-1 RUNNING BOND - STACK COFFEE DEW 041 P-2 WE 200WG (GLOP) (1) PAINT'S 07W (COLOR: DISTANT LANDS SEW-4) STEEL EXTERIOR SIDE (ONLY)	PT-1 FLOOR & DECOR, 8"(L) HORIZONTAL RUNNING BOND - SAND WBE9811004"	QT-1 ARIZONA TILE "COLONIAL SERIES" QUARRY TILE WITH ABRASIVE FINISH - COLORBODY QT-2 ARIZONA TILE "COLONIAL SERIES" QUARRY TILE 6" COVED WITH ABRASIVE FINISH - COLOR: CHUT FRP FIBER REINFORCED PANELS - SANDSTONE P-1 KEVAMAR "DRY CREEK PLUM TREE" W9001-T SS-1 SOLID SURFACE COUNTER TOP WILSON ART "DESERT ICE" 9180CS RB-1 JOHNSONITE 4" WEDGE COVED RUBBER BASE TO MATCH FLOORING & WELDLOCK RUBBER WELDING GYP 1/8" GYP. BOARD, LEVEL 4 FINISH, SMOOTH - PAINTED AC-1 VINYL CLAD 12"X12"X.04 K-60 KITCHEN ZONE" BY ARMSTRONG VCT SALVAGED MULTI-PURPOSE ROOM VCT SB SLUMP BLOCK (PAINTED TO MATCH EXISTING) SSC STAINLESS STEEL CLADDING
Notes 1. Paint interior sides of hollow metal doors P1 2. Paint exterior sides of hollow metal doors P2		

FINISH GENERAL NOTES

1. PATCH & REPAIR VCT FLOOR IN MULTI-PURPOSE ROOM AS REQ.
2. ALL FINISH TRIM TO BE SCHLUTER TRIM OR EQUIVALENT. NO RAISED RUBBER / VINYL NOSINGS OR TRIM ON THIS PROJECT.
3. FLOOR TRANSITIONS AT DOORWAYS TO BE MADE AT CENTERLINE OF DOOR SLAB.
4. CONTRACTOR TO PROVIDE FULL SIZE SAMPLE OF FLOOR FINISH MATERIAL FOR OWNER'S FINAL APPROVAL PRIOR TO ORDERING OR INSTALLATION. CONTRACTOR TO RECEIVE APPROVAL IN WRITING.

FLOORING FINISH LEGEND

QUARRY TILE FLOOR

VCT FLOOR - PATCH AND REPAIR

FINISHES FLOOR PLAN

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FINISHES FLOOR PLAN
A02.07

Door / Frame Schedule

Door No.	Room/Name	Door Type	Size			Door Material	Door Finish	Glazing	Frame Type	Frame Material	Hardware Group	Hardware Set	Fire Rating (Hr)	Remarks
			Width	Height	Thick.									
101	Entry	B	3'-0"	6'-8"	1 3/4"	WD		NONE	F1	HM	1	HDW1	1	
102	Kitchen/Dining	A	3'-0"	6'-8"	1 3/4"	WD	PAINTED	NONE	F1	HM	2	HDW2		2
103	Bedroom 1	C	2'-6"	6'-8"	1 3/4"	WD		NONE	F1	HM	3	HDW3		3
104	Bedroom 1 Closet	D	2'-6"	6'-8"	1 3/8"	WD		NONE	F1	HM	4	HDW4		4
105	Bath / Hallway 2	A	2'-6"	6'-8"	1 3/8"	WD		NONE	F1	HM	5	HDW5		5
106	Storage	A	2'-6"	6'-8"	1 3/8"	WD	PAINTED	NONE	F1	HM	6	HDW6		6
107	Office	A	2'-6"	6'-8"	1 3/8"	WD		NONE	F1	HM	7	HDW7		7
108	Garage	A	2'-6"	6'-8"	1 3/8"	WD	PAINTED	NONE	F1	HM	8	HDW8		8
109	Bedroom 2	D	2'-6"	6'-8"	1 3/8"	WD		NONE	F1	HM	9	HDW9		9
110	Storage	C	Refer Guide	2'-6" x 6'-8"	1 3/8"	WD	PAINTED	NONE	F1	HM	10	HDW10		10

Remarks:
1. 3/4" HDO Double Door with Flush Bolts on Inactive Leaf. Provide Astragal at Door Edge. Typ.
2. Pre-Hung Exterior Door.
3. Pocket Sliding Door Hardware.
4. By Door Supplier. Verify Door Sizes Required for Each Door to Match Framing Shown. Provide Door Frames.
5. 20 Gage Aluminum Sheet Commercial Grade Door Louver at Door Top.

Window Schedule

Window No.	Window Type	Frame Material	Size		Frame Finish	Glazing	Glazing Type	Location	Factory	
			Width	Height					U-Factor	SHGC
W1	EXTERIOR WINDOW	A	3'-0"	5'-0"	ANOD	CLEAR	1/4" TEMP. DUAL PANE INSULATED & LOW-E GLASS		0.30	0.25
W2	EXTERIOR WINDOW	A	2'-0"	5'-0"	ANOD	CLEAR	1/4" TEMP. DUAL PANE INSULATED & LOW-E GLASS		0.30	0.25
W3	OPTION	A	3'-0"	2'-0"	ANOD	-	1/4" TEMPERED		0.30	0.25

Remarks:
1. Provide Window Manufacturer's Standard Color Chart for Selection by Owner.
2. Provide Screens for All Operable Windows.
3. Provide Safety Glazing for Windows Where Required by Code.

1 DOOR TYPES

2 FRAME TYPES

3 WINDOW TYPES

4 DOOR JAMB DETAIL

5 INTERIOR DOOR HEADER DETAIL

6 EXTERIOR DOOR HEADER DETAIL

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KITCHEN ADDITION
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Drawn By:	Checked By:
EK	MWK
Project No.	Date
2019.12	(JUNE)2020

DOOR & WINDOW SCHEDULES

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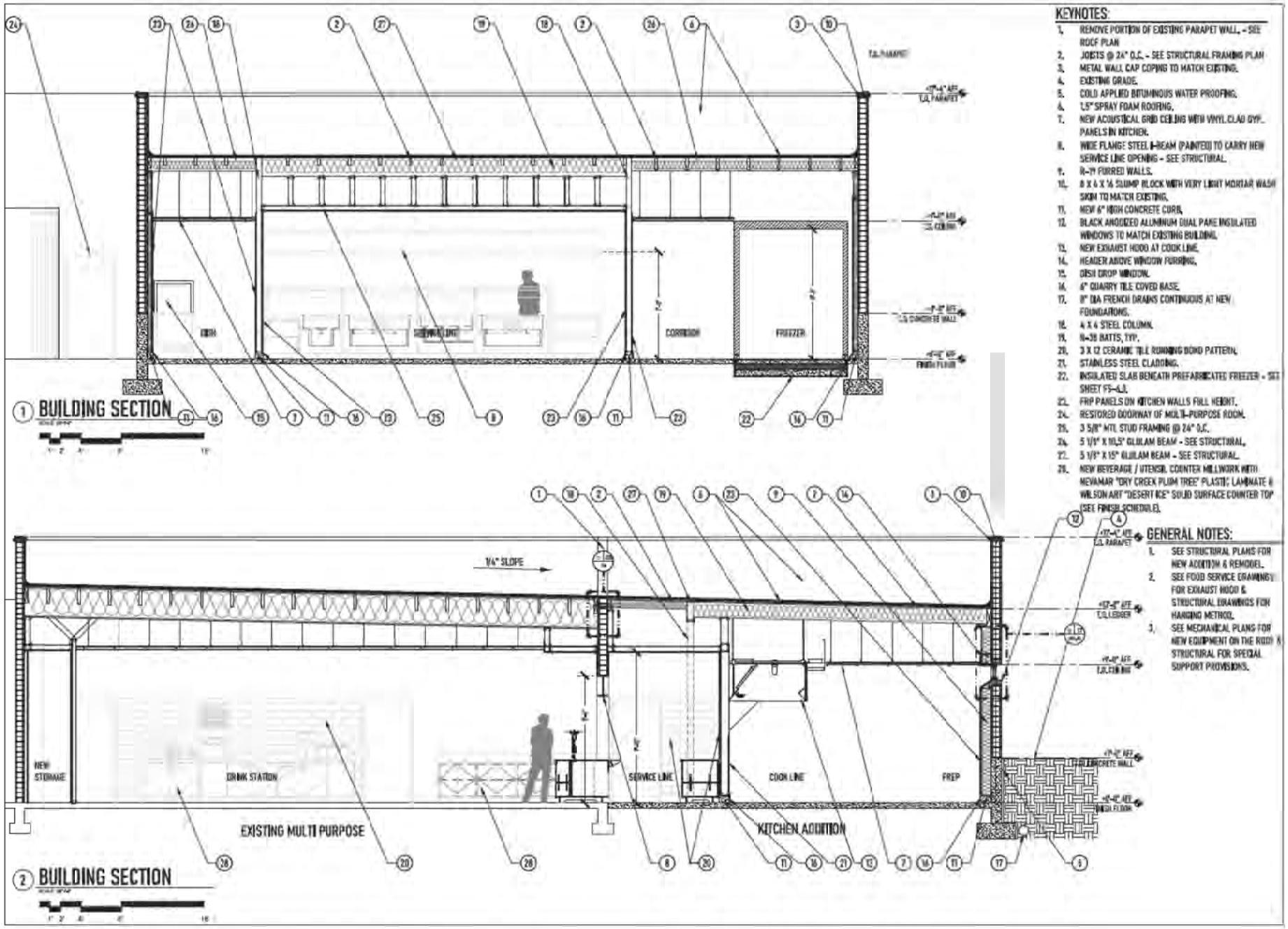

KEYNOTES:

1. REMOVE PORTION OF EXISTING PARAPET WALL - SEE ROOF PLAN
2. JOISTS @ 24" O.C. - SEE STRUCTURAL FRAMING PLAN
3. METAL WALL CAP COPING TO MATCH EXISTING.
4. EXISTING GRADE.
5. COLD APPLIED BITUMINOUS WATER PROOFING.
6. 1.5" SPRAY FOAM ROOFING.
7. NEW ACOUSTICAL GRID CEILING WITH VINYL CLAD GYP. PANELS IN KITCHEN.
8. WIDE FLANGE STEEL I-BEAM (PAINTED) TO CARRY NEW SERVICE LINE OPENING - SEE STRUCTURAL.
9. R-19 FURRED WALLS.
10. 8 X 8 X 16 SLUMP BLOCK WITH VERY LIGHT MORTAR WASH SKIN TO MATCH EXISTING.
11. NEW 6" HIGH CONCRETE CURB.
12. BLACK ANODIZED ALUMINUM DUAL PANE INSULATED WINDOWS TO MATCH EXISTING BUILDING.
13. NEW EXHAUST HOOD AT COOK LINE.
14. HEADER ABOVE WINDOW FURRING.
15. DISH DROP WINDOW.
16. 6" QUARRY TILE COVED BASE.
17. 8" DIA FRENCH DRAINS CONTINUOUS AT NEW FOUNDATIONS.
18. 4 X 4 STEEL COLUMN.
19. R-38 BATTS, TYP.
20. 3 X 12 CERAMIC TILE RUNNING BOND PATTERN.
21. STAINLESS STEEL CLADDING.
22. INSULATED SLAB BENEATH PREFABRICATED FREEZER - SEE SHEET FS-4.1.
23. FRP PANELS ON KITCHEN WALLS FULL HEIGHT.
24. RESTORED DOORWAY OF MULTI-PURPOSE ROOM.
25. 3 5/8" MTL STUD FRAMING @ 24" O.C.
26. 5 1/8" X 10.5" GLULAM BEAM - SEE STRUCTURAL.
27. 5 1/8" X 15" GLULAM BEAM - SEE STRUCTURAL.
28. NEW BEVERAGE / UTENSIL COUNTER MILLWORK WITH: MEVAMAR "DRY CREEK PLUM TREE" PLASTIC LAMINATE & WILSON ART "DESERT ICE" SOLID SURFACE COUNTER TOP (SEE FINISH SCHEDULE).

GENERAL NOTES:

1. SEE STRUCTURAL PLANS FOR NEW ADDITION & REMODEL.
2. SEE FOOD SERVICE DRAWINGS FOR EXHAUST HOOD & STRUCTURAL DRAWINGS FOR HANGING METHOD.
3. SEE MECHANICAL PLANS FOR NEW EQUIPMENT ON THE ROOF & STRUCTURAL FOR SPECIAL SUPPORT PROVISIONS.

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BUILDING SECTION

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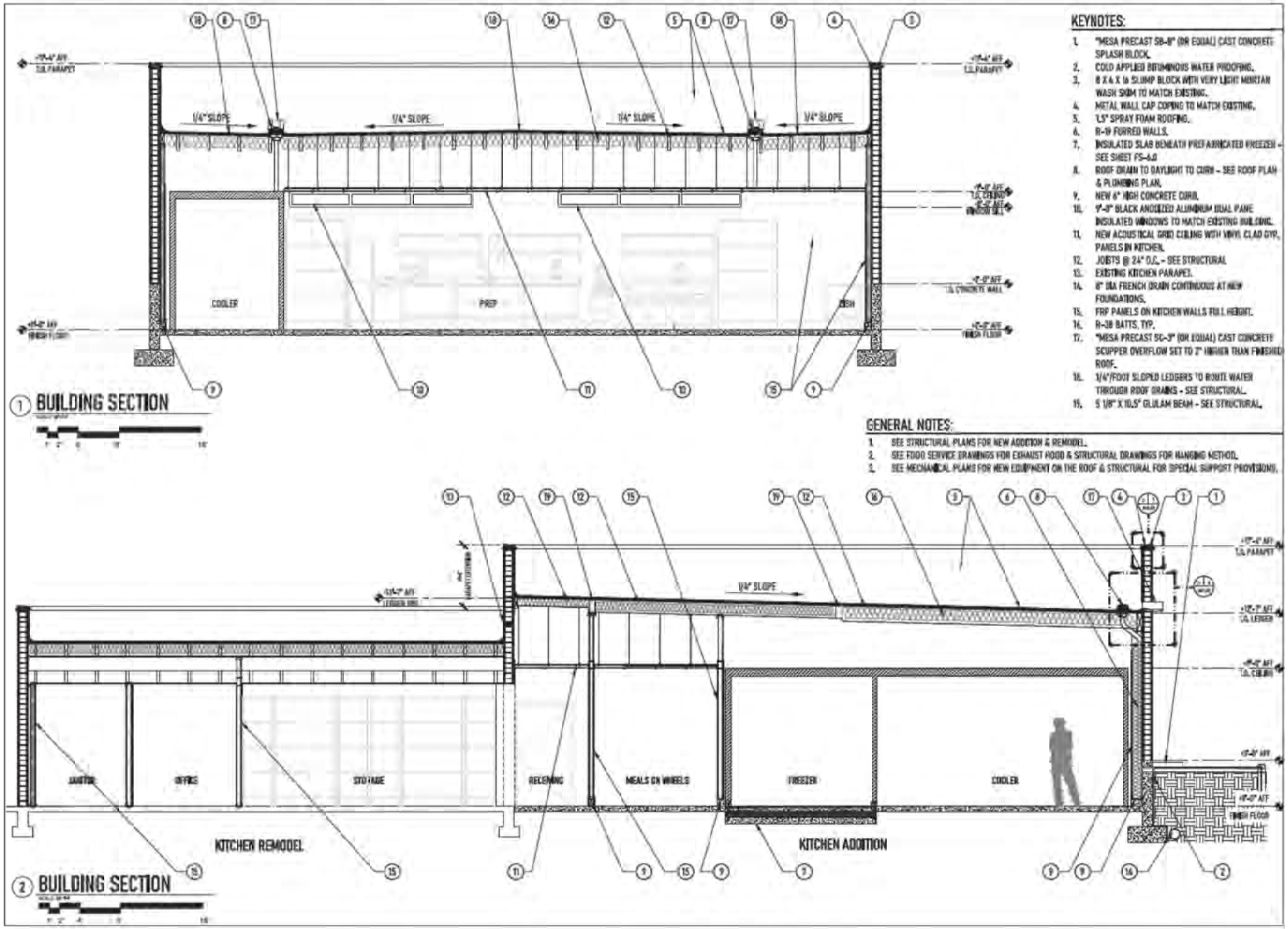

1 BUILDING SECTION

2 BUILDING SECTION

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BUILDING SECTION

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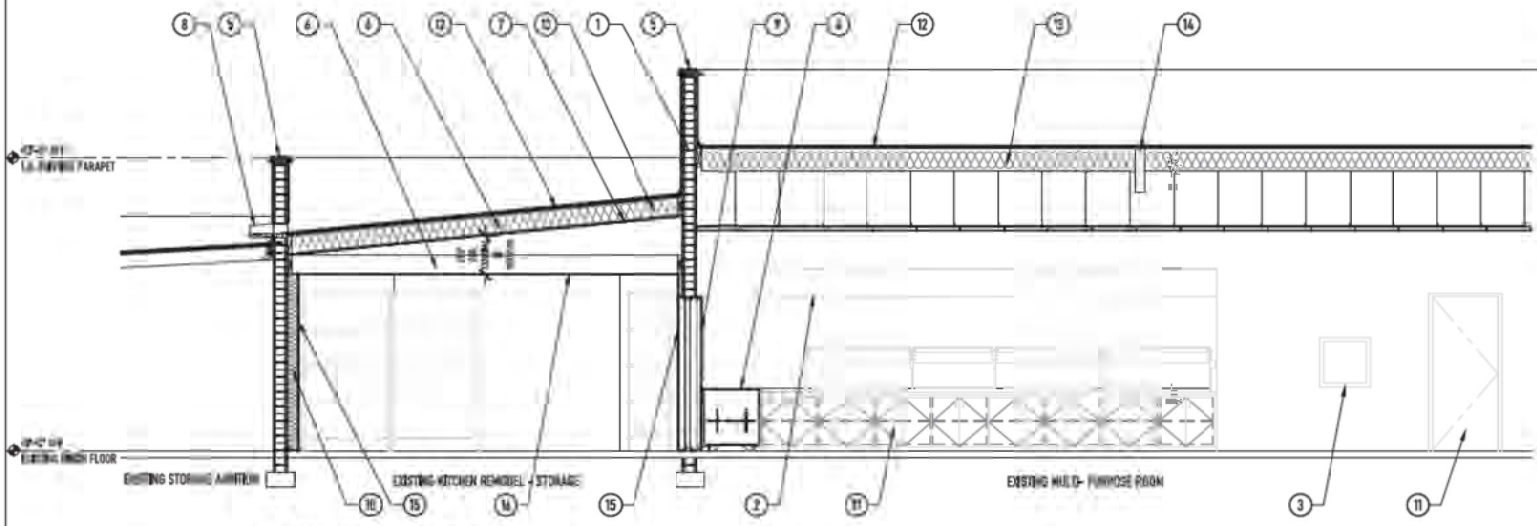

1 BUILDING SECTION

KEYNOTES:

1. EXISTING 8 X 4 X 16 SLUMP BLOCK.
2. WIDE FLANGE STEEL I-BEAM (PAINTED) TO CARRY NEW SERVICE LINE OPENING – SEE STRUCTURAL.
3. NEW DISH DROP WINDOW.
4. NEW BEVERAGE COUNTER.
5. EXISTING METAL WALL CAP COPING.
6. EXISTING 2 X 10 JOISTS @ 24" O.C.
7. EXISTING GYPSUM BOARD – PATCH & REPAIR.
8. EXISTING CAST CONCRETE SCUPPER.
9. 3 X 12 CERAMIC TILE RUNNING BOND PATTERN.
10. NEW 4" MTL STUD WALL FURRING WITH R-19 BATT INSULATION.
11. RESTORED DOORWAY OF MULTI-PURPOSE ROOM.
12. EXISTING 1.5" SPRAY FOAM ROOFING.
13. EXISTING BATT INSULATION.
14. EXISTING 5" X 24" GLULAM BEAM @ 24' O.C.
15. FRP PANELS ON KITCHEN WALLS FULL HEIGHT.
16. NEW GYP. BOARD CEILING.
17. NEW SERVICE LINE COUNTER MILLWORK WITH NEVAMAR "DRY CREEK PLUM TREE" PLASTIC LAMINATE & WILSON ART "DESERT ICE" SOLID SURFACE COUNTER TOP (SEE FINISH SCHEDULE).

GENERAL NOTES:

1. SEE STRUCTURAL PLANS FOR NEW ADDITION & REMODEL.
2. SEE FOOD SERVICE DRAWINGS FOR EXHAUST HOOD & STRUCTURAL DRAWINGS FOR HANGING METHOD.
3. SEE MECHANICAL PLANS FOR NEW EQUIPMENT ON THE ROOF & STRUCTURAL FOR SPECIAL SUPPORT PROVISIONS.

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BUCKEYE SENIOR CENTER

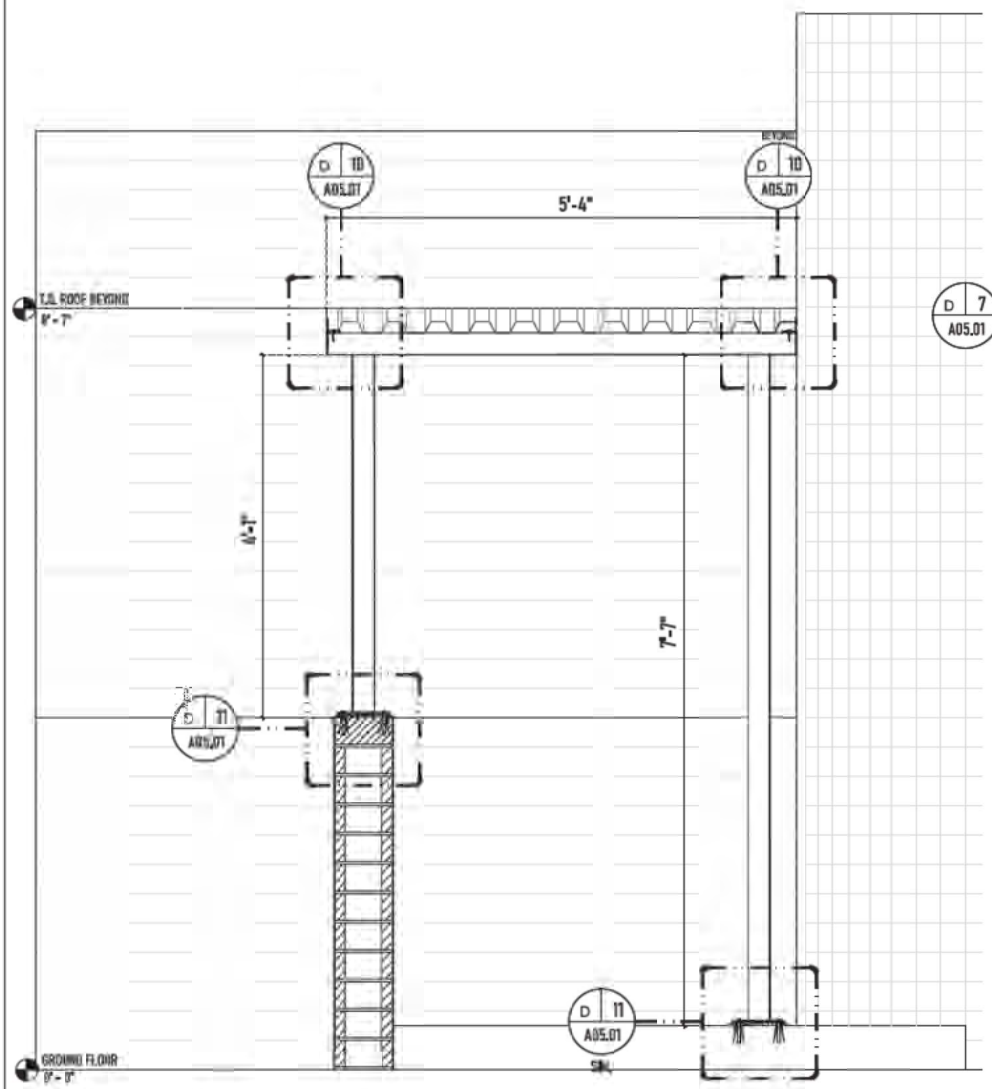
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

BUILDING SECTION

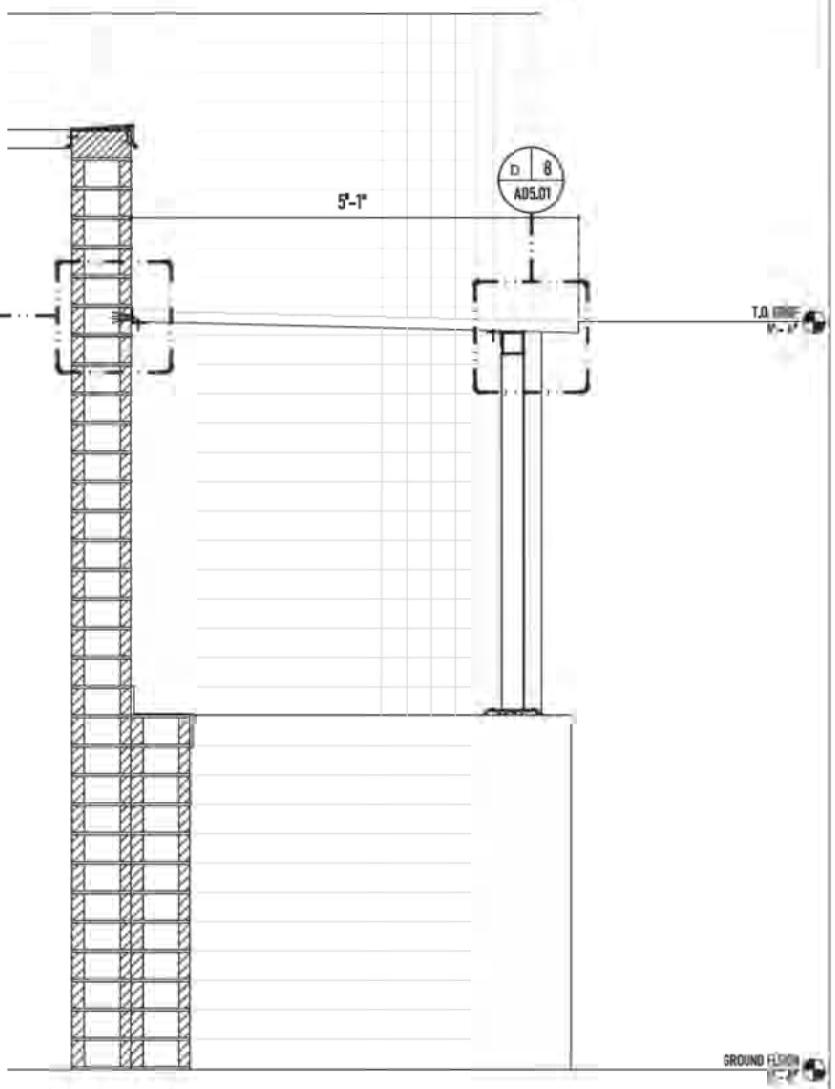
A03.02

GENERAL NOTES:

A. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



1 ROOF OVER MAT WASH



2 ROOF OVER MAT WASH

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KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

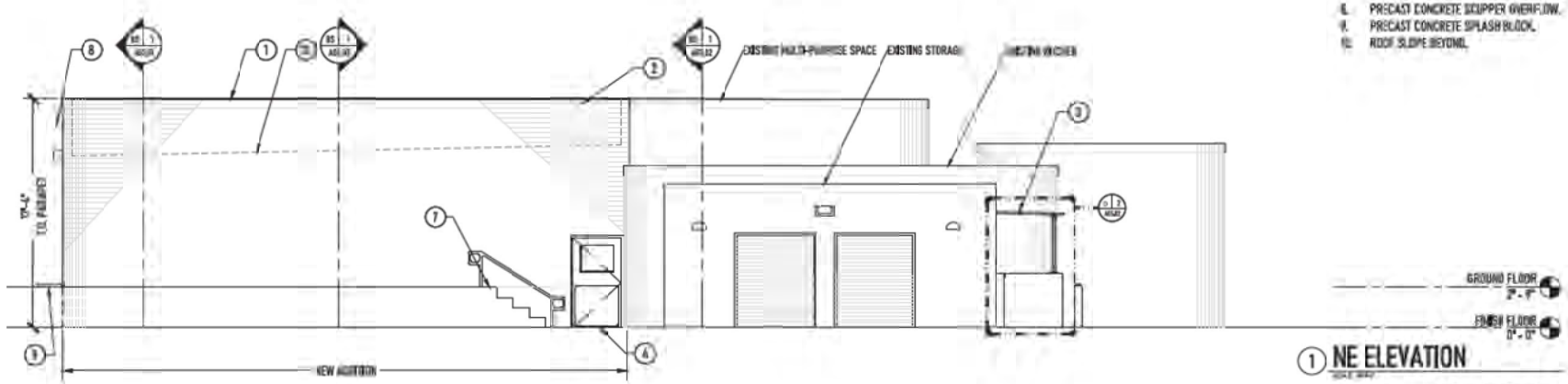
EK	MWK
2019.12	19 JUNE 2020

ENLARGED SECTIONS

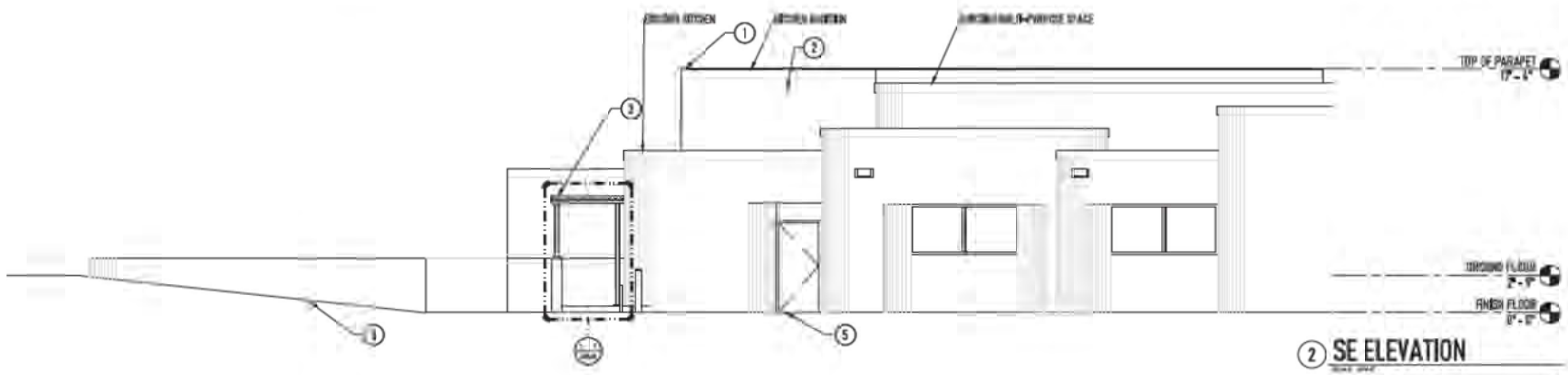
A03.03

KEYNOTES:

1. METAL WALL COPING TO MATCH EXISTING, SEE DETAIL 1 ON SHEET A05.00.
2. 8 X 8 X 16 SLUMP BLOCK.
3. ADD METAL ROOF OVER MAT WASH.
4. NEW 3'-6" H-M DOOR AND FRAME.
5. EXISTING KITCHEN EXIT.
6. EXISTING LOADING RAMP.
7. EXISTING SIDEWALK AND STAIRS TO REMAIN. RE-INSTALL SALVAGED HANDRAIL AT WALL.
8. PRECAST CONCRETE SCUPPER OVERFLOW.
9. PRECAST CONCRETE SPLASH BLOCK.
10. ROOF SLOPE BEYOND.



1 NE ELEVATION



2 SE ELEVATION

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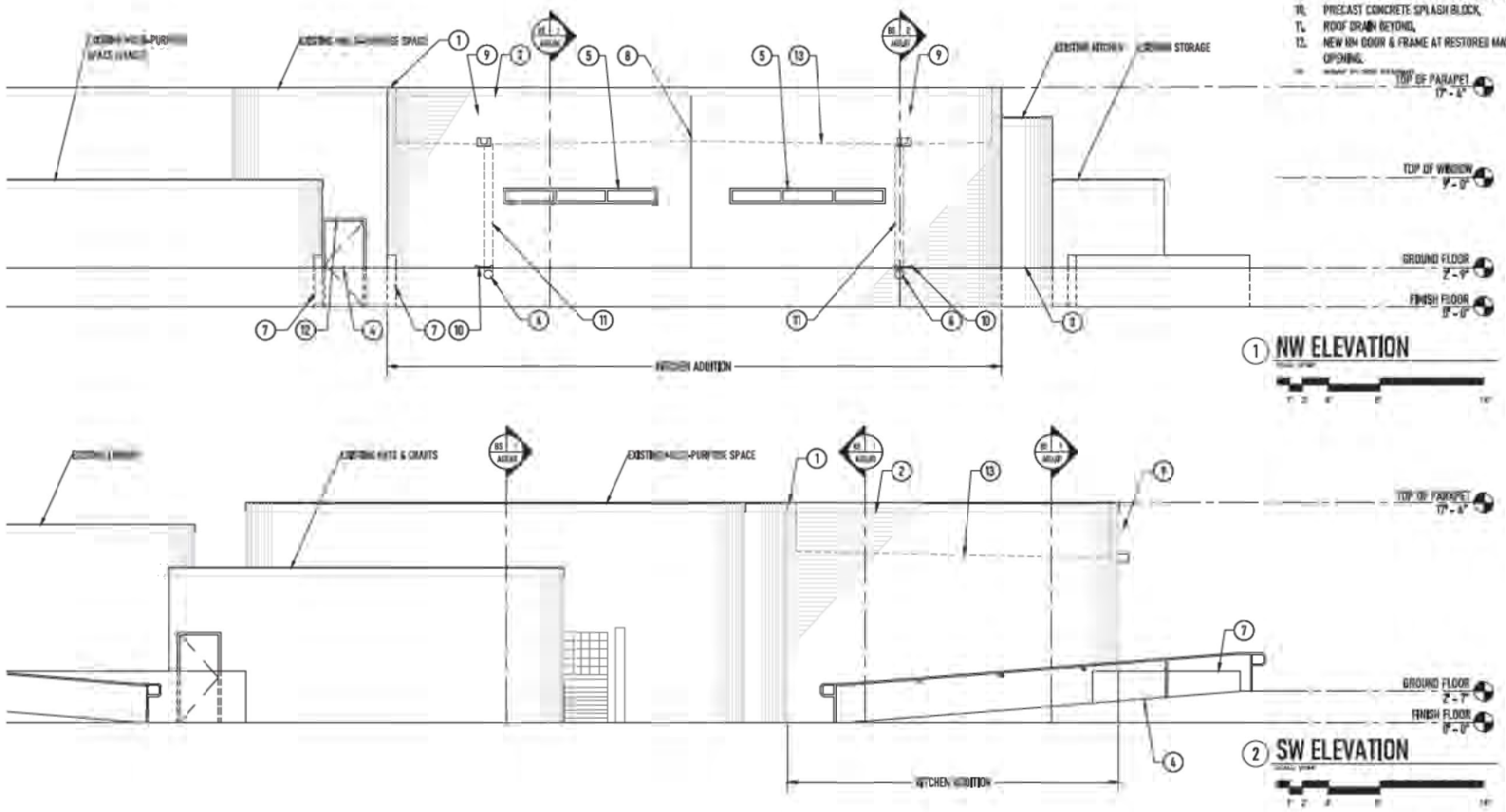
EK	MWK
JB16.12	10JUNE2020

BUILDING ELEVATIONS

A04.00

KEYNOTES:

1. METAL WALL COPING TO MATCH EXISTING, SEE DETAIL 1 ON SHEET A05.00.
2. 8 X 4 X 16 SLUMP BLOCK.
3. EXISTING SIDEWALK AND STAIRS TO REMAIN.
4. NEW 5% SLOPE ADA RAMP.
5. BLACK ANODIZED DUAL PANE STOREFRONT WINDOWS TO MATCH EXISTING BUILDING.
6. ROOF DRAIN DOWNSPOUTS TO ROUT WATER TO FACE OF CURB.
7. NEW 4'-0" RETAINING WALL AT NEW ADA RAMP.
8. NEW MASONRY CONSTRUCTION JOINT.
9. PRECAST CONCRETE SCUPPER OVERFLOW.
10. PRECAST CONCRETE SPLASH BLOCK.
11. ROOF DRAIN BEYOND.
12. NEW HM DOOR & FRAME AT RESTORED MASONRY OPENING.



1 NW ELEVATION

2 SW ELEVATION

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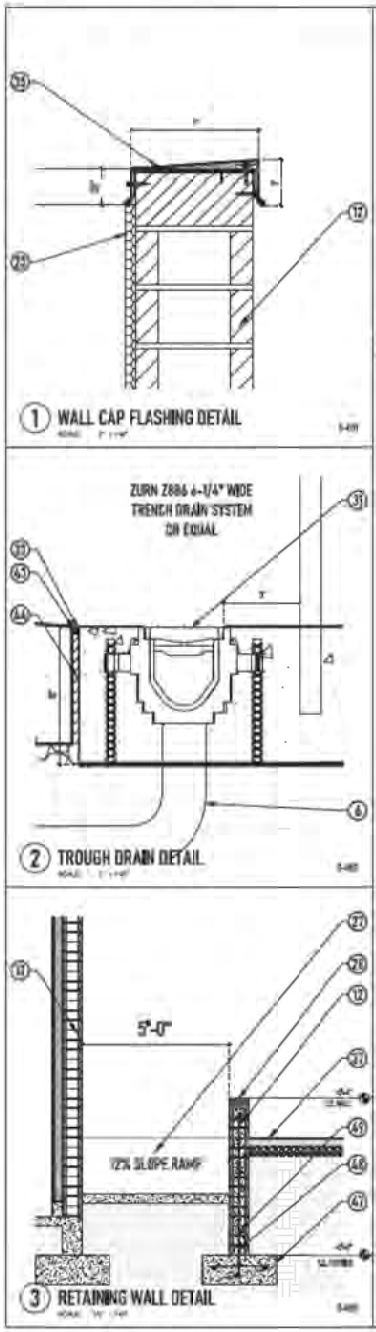
EK	MWK
JB16.12	10JUNE2020

BUILDING ELEVATIONS

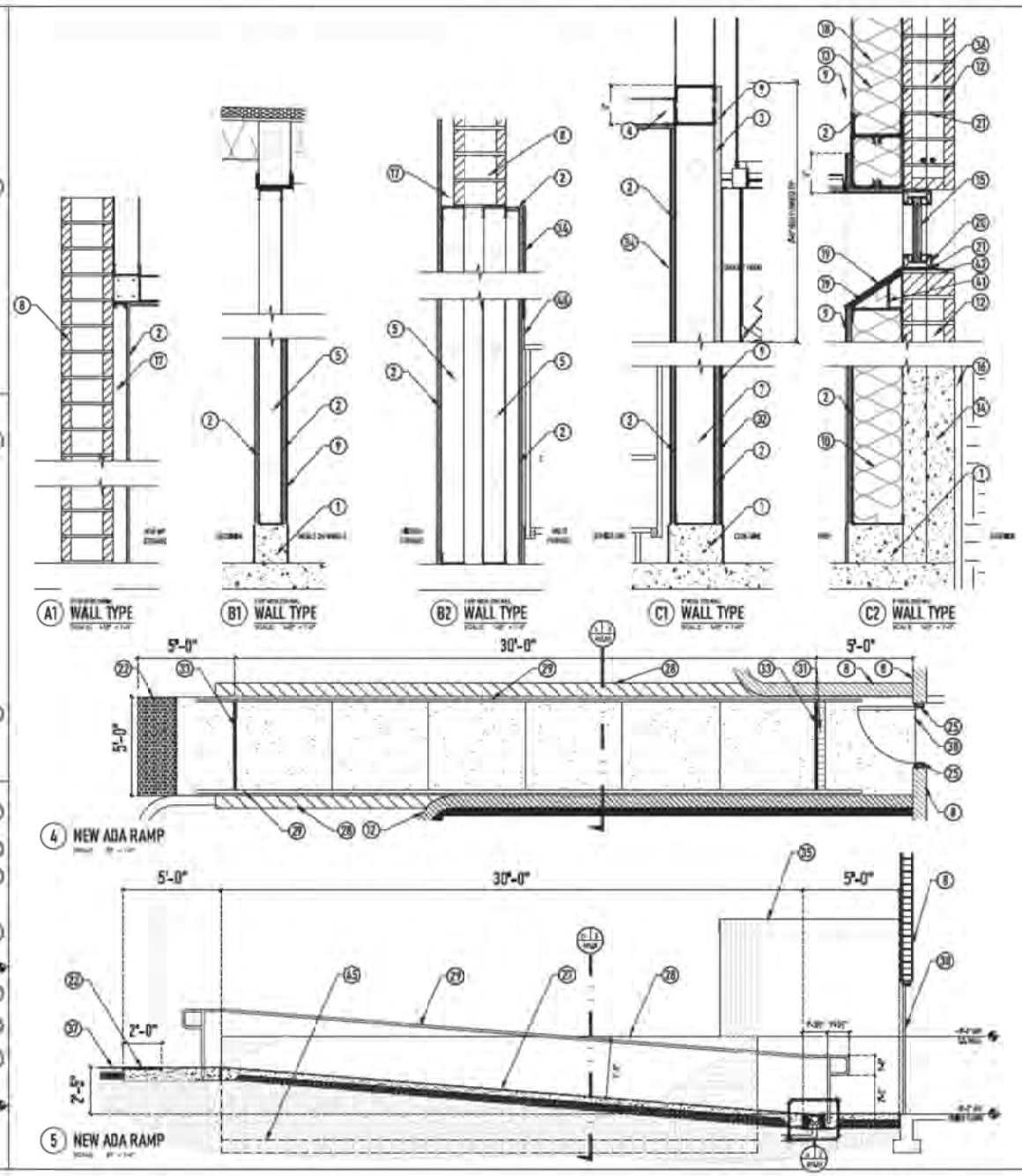
A04.01



1 WALL CAP FLASHING DETAIL

2 TROUGH DRAIN DETAIL

3 RETAINING WALL DETAIL



A1 WALL TYPE

B1 WALL TYPE

B2 WALL TYPE

C1 WALL TYPE

C2 WALL TYPE

4 NEW ADA RAMP

5 NEW ADA RAMP

WALL TYPE GENERAL NOTES:

A. SEE SHEET A02.03 FOR LOCATION OF WALL TYPES.
B. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.

WALL TYPE KEYNOTES:

1. 6" HIGH CONCRETE CURB.
2. 5/8" GYPSUM BOARD.
3. 5/8" PLYWOOD.
4. VINYL CLAD LAY IN ACOUSTICAL CEILING TILES.
5. 20 GA. 3 5/8" METAL STUDS @ 24" O.C.
6. 3" DIAMETER DRAIN - SEE CIVIL.
7. 20 GA. 8" METAL STUDS @ 24" O.C.
8. EXISTING 8 X 4 X 16 SLUMP BLOCK WALL.
9. FRP PANELS.
10. R-19 BATT INSULATION.
11. 6" QUARRY TILE COVED BASE.
12. NEW 8 X 4 X 16 SLUMP BLOCK WALL.
13. DOOR HEADER.
14. CAST CONCRETE EXTERIOR WALL.
15. NEW 10' HIGH WINDOW.
16. COLD APPLIED BITUMINOUS WATER PROOFING.
17. 2" CERTISTUD PRE-FURRED WALL INSULATION.
18. PROVIDE WINDOW HEADER.
19. 1/2" PLYWOOD.
20. WINDOW SILL FLASHING.
21. SHIM, CAULK & SEALANT.
22. NEW DETECTABLE WARNING.
23. 3/4" SPRAY FOAM ROOFING.
24. NEW KITCHEN RECEIVING DOOR.
25. DOOR JAMB.
26. NEW WALL FURRING.
27. NEW 1:12 SLOPE ADA RAMP.
28. NEW 4'-0" RETAINING WALL.
29. NEW HANDRAIL TO MATCH EXISTING BUILDING HANDRAILS.
30. NEW 5/8" GYP BOARD.
31. TROUGH DRAIN GRATE.
32. STAINLESS STEEL WALL CLADDING AT COOKLINE.
33. EXPANSION JOINT.
34. CERAMIC TILE.
35. METAL CAP FLASHING.
36. BOND BEAM LINTEL - SEE STRUCTURAL.
37. EXISTING ASPHALT ROAD.
38. RESTORE EXISTING MULI-PURPOSE DOORWAY.
39. 3/8" DIAMETER THRU-BOLTS.
40. 2 X 4 X 1/4 STEEL ANGLE LINTEL.
41. BENT PLATE.
42. SLOPED MORTAR SILL.
43. JOINT SEALING COMPOUND.
44. JOINT FILLER.
45. RETAINING WALL FOOTING BEYOND.
46. BEVERAGE COUNTER.
47. CONCRETE FOOTING PER SCHEDULE (SEE STRUCTURAL).
48. #5 16" O.C. VERTICAL BARS (SEE STRUCTURAL).
49. #5 18" O.C. MAX HORIZONTAL (SEE STRUCTURAL).

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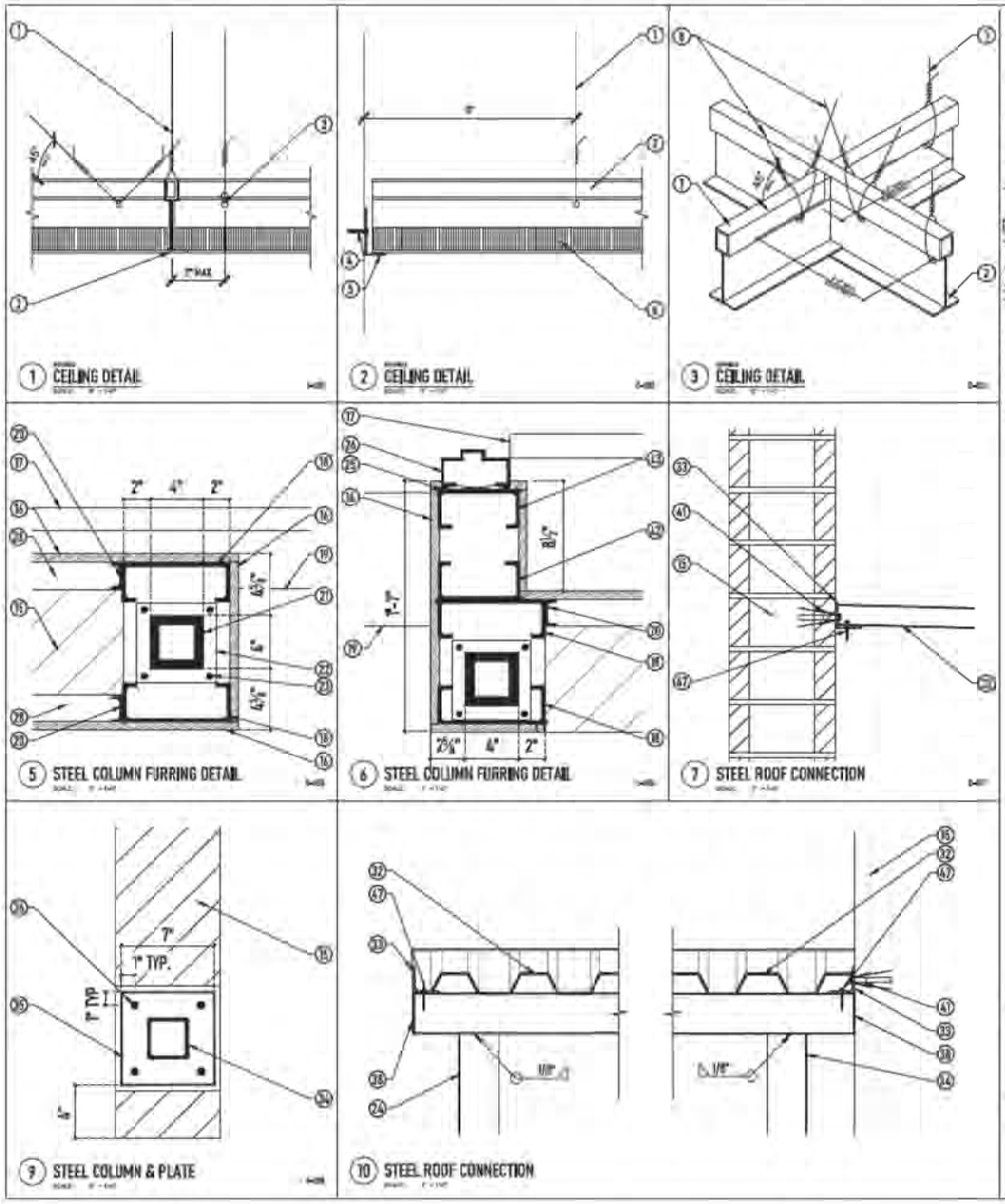
WALL TYPES & DETAILS
A05.00



DETAIL GENERAL NOTES:

A. SEE MECHANICAL, PLUMBING & ELECTRICAL FOR ADDITIONAL INFORMATION.
B. SEE STRUCTURAL FOR ADDITIONAL INFORMATION.

DETAIL KEYNOTES:

1. #12 GA. HANGER WIRE AT 48" O.C. TYP.
2. MAIN RUNNER.
3. SLOT END OVER RUNNER.
4. NAIL OR SCREW (PROVIDE BLOCKING AT CEILING HEIGHT, TYP. ALL LOCATIONS).
5. PERIMETER WALL TRACK.
6. VINYL ACOUSTICAL LAY IN CEILING TILES.
7. CROSS RUNNER.
8. (4) 12 GA. SPLAYED LATERAL BRACING WIRES @ 12'-0" O.C. & PARALLEL TO COMPONENTS INTERSECTING AT THE BRACE LOCATION.
9. ROOF CRICKET.
10. NEW 8 X 4 X 16 SLUMP BLOCK.
11. ROOF DRAIN.
12. NEW CAP FLASHING – 2 LAYER 20 GA. PRE-FINISHED SILVER, SLOPE TOWARD ROOF.
13. TREATED WOOD CLEAT.
14. WEDGE ANCHOR.
15. EXISTING 8 X 4 X 16 SLUMP BLOCK.
16. 5/8" GYPSUM BOARD.
17. DOOR.
18. 20 GA. 8" METAL STUDS.
19. SERVICE LINE COUNTER TOP.
20. 20 GA. 1-5/8" METAL STUDS @ 24" O.C.
21. 4 X 4 STEEL COLUMN.
22. STEEL BASE PLATE WELDED TO STEEL COLUMN.
23. ANCHOR BOLTS.
24. R-19 BATT INSULATION.
25. SHIM, CAULK AND SEALANT.
26. DOOR JAMB.
27. NEW CORNER GUARD WALL CAP.
28. 2" CERTISTUD PRE-FURRED WALL INSULATION.
29. 20 GA. 6" METAL STUDS AT 24" O.C.
30. NEW "MESA PRECAST SC-3" CAST CONCRETE OVERFLOW SCUPPER.
31. SEALANT ALL AROUND.
32. 1.5" 20 GA. GALVANIZED STEEL DECK.
33. 2 X 2 X 3/16 STEEL ANGLE.
34. 3 X 3 X 3 X 3/16 STEEL COLUMN.
35. 7 X 7 X 1/4 STEEL PLATE WITH (4) 1/4" DIA X 2 1/2" EXPANSION BOLTS.
36. (4) 1/4 X 2 1/2 EXPANSION BOLTS.
37. 1/2" DRYPACK.
38. 3 X 3 X 3/16 STEEL TUBE, CAP ENDS WITH 1/8" STEEL PLATE, GRIND AND POLISH FOR PAINT.
39. SPRAY FOAM ROOFING EXTENDED 4" TO SCUPPER.
40. 3 X 3 X 3/16 STEEL LEDGER.
41. EXPANSION BOLTS @ 24" O.C.
42. "ZURN Z127" 12" DIA ROOF DRAIN WITH 3" PIPE.
43. 20 GA. 6" METAL STUDS @ 24" O.C.
44. 3 X 12 LEDGER WITH 5/8" DIA ANCHOR BOLTS @ 24" O.C. WITH 5" X 11" X 3/8" PLATE WASHER AT EACH BOLT.
45. 1.5" SPRAY FOAM ROOFING.
46. 10" I-JOISTS @ 24" O.C.
47. (2) #7 X 1/2" TEK SCREWS @ 12" O.C.
48. 3/4" SPRAY FOAM ROOFING.

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KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

FOODSERVICE EQUIPMENT FLOOR PLAN

FS-1.0

LANDMARK

KITCHEN EXPANSION EQUIPMENT PLAN

FOODSERVICE EQUIPMENT SCHEDULE

ITEM	QTY	BUY OUT	FABRICATED	MILLWORK	N.I.K.E.C.	PROVIDED BY	INSTALLED BY	DESCRIPTION	MANUFACTURE	MODEL NO.	REMARKS
1	1	X				KEC	KEC	AIR CURTAIN	MARS	LPV242-1UA-PW	w/ DOOR MICROSWITCH
2	3	X				KEC	KEC	EMPLOYEE LOCKERS	SPG	4K0034	
3	1	X				KEC	KEC	MOP SINK	GSW USA	SE2424FM	
4	1	X				KEC	KEC	SERVICE FAUCET	FISHER	8253	
5	1				X	O	–	ICE MACHINE ASSEMBLY	EXISTING	TO REMAIN	
6	1		X			KEC	KEC	BREW STATION TABLE w/ SINK	CUSTOM	STAINLESS STEEL	w/ FAUCET & BASKET WASTE
7	1				X	O	GC	COFFEE BREWER	EXISTING	RELOCATED	
8	1	X				KEC	KEC	TEA BREWER	BUNN	TB6 TWIN	
9								SPARE NUMBER			
10	1	X				KEC	KEC	CHEMICAL STORAGE SHELVING	NEXEL	CHROME	SEE FS-1.0 FOR SIZE & CONFIG
11	1				X	O	GC	REACH-IN FREEZER	EXISTING	TO REMAIN	
12								SPARE NUMBER			
13								SPARE NUMBER			
14								SPARE NUMBER			
15	1	X				KEC	KEC	WALK-IN COOLER / FREEZER UNIT	AMERICAN PANEL	CUSTOM	
16	1	X				KEC	KEC	FREEZER EVAP COIL	AMERICAN PANEL	ADT130	
17	1	X				KEC	KEC	FREEZER CONDENSING UNIT	AMERICAN PANEL	FFAP-107Z-TFC-072	
18	1	X				KEC	KEC	COOLER EVAP COIL	AMERICAN PANEL	LET120	
19	1	X				KEC	KEC	COOLER CONDENSING UNIT	AMERICAN PANEL	FFAP-042Z-TFC-071	
20	13	X				KEC	KEC	WALK-IN SHELVING UNITS	NEXEL	EPOXY	SEE FS-1.0 FOR SIZE & CONFIG
21								SPARE NUMBER			
22	3	X				KEC	KEC	HAND SINK	GSW USA	HS-1217S	w/ SIDE SPLASHES
23	1	X				KEC	KEC	CAN RACK	NEW AGE	1250	
24	12	X				KEC	KEC	DRY STORAGE SHELVING UNITS	NEXEL	CHROME	SEE FS-1.0 FOR SIZE & CONFIG
25	8		X			KEC	KEC	S/S CORNER GUARDS & WALL CAPS	CUSTOM	STAINLESS STEEL	
26	1	X				KEC	KEC	WORK TABLE	JOHN BOOS	ST6R5-2472SSK	
27	2	X				KEC	KEC	WALL SHELVES	GSW USA	WS-W1272	WALL BACKING BY G.C. REQ'D
28								SPARE NUMBER			
29	4	X				KEC	KEC	SHEET PAN RACKS	NEW AGE	1331	
30								SPARE NUMBER			
31	1		X			KEC	KEC	PREP TABLE w/ SINKS	CUSTOM	STAINLESS STEEL	w/ LEVERWASTES & CUTTING BOARDS
32	4	X				KEC	KEC	WALL SHELVES	GSW USA	WS-W1266	WALL BACKING BY G.C. REQ'D
33	1	X				KEC	KEC	PREP SINK FAUCET w/ SPRAYER	FISHER	26581	
34	1				X	O	GC	SLICER	EXISTING	RELOCATED	
35	1	X				KEC	KEC	FOOD PROCESSOR	ROBOT COUPE	R2N	
36	3	X				KEC	KEC	MOBILE TRAY/POT SHELVING	CAMBRO	ELEMENTS	SEE FS-1.0 FOR SIZE & CONFIG
37								SPARE NUMBER			
38	1		X			KEC	KEC	PREP TABLE w/ SINK	CUSTOM	STAINLESS STEEL	w/ FAUCET & LEVERWASTE
39	2	X				KEC	KEC	WALL SHELVES	GSW USA	WS-W1248	WALL BACKING BY G.C. REQ'D
40	1	X				KEC	GC	EXHAUST HOOD	CAPTIVE AIRE	6030ND-2-PSP-F	
41	1	X				KEC	KEC	FIRE SUPPRESSION SYSTEM	CAPTIVE AIRE	R-102	
42	1	X				KEC	KEC	ELECTRICAL CONTROL PACKAGE	CAPTIVE AIRE	SC-311110MA	
43	1		X			KEC	KEC	S/S WALL FLASHING	CUSTOM	STAINLESS STEEL	
44	1	X				KEC	KEC	DOUBLE CONV OVEN	VULCAN	VC44GD	w/ CASTERS
45	1				X	O	GC	STEAMER	EXISTING	RELOCATED	
46	1	X				KEC	KEC	30 GAL TILT SKILLET	GROEN	BPM-30GA	w/ DOUBLE PANTRY FAUCET
47	1	X				KEC	GC	FLOOR TROUGH	JOHN BOOS	FTFG-1836	
48	1	X				KEC	KEC	6 O.B. RANGE w/ OVEN	IMPERIAL	IR-6-C	w/ CASTERS
49	1	X				KEC	KEC	WORK TABLE	GSW USA	WT-P3072B	
50	1	X				KEC	KEC	WALL SHELF	GSW USA	WS-W1272	WALL BACKING BY G.C. REQ'D
51	4	X				KEC	KEC	INGREDIENT BINS	CAMBRO	IBS27148	
52	1	X				KEC	KEC	COUNTER TOP MIXER	GLOBE	SP08	
53	1	X				KEC	KEC	60 QT. FLOOR MIXER	GLOBE	SP60	
54	1	X				KEC	KEC	GRIDDLE	IMPERIAL	ITG-60	
55	1	X				KEC	KEC	REFRIGERATED BASE	TRUE	TRCB-52-60	
56	1	X				KEC	KEC	DROP-IN HOT FOOD WELLS	ALTO SHAAM	200-HWS/D6	DRY OPERATION
57	2	X				KEC	KEC	ISLAND PREP TABLE	JOHN BOOS	ST6-3672SSK	w/ CASTERS & TBL MTD OVERSHELF
58	2	X				KEC	KEC	TABLE MOUNT POT RACK	JOHN BOOS	PRTC3	
59	1	X				KEC	KEC	REACH-IN REFRIGERATOR	TRUE	T-23-HC	
60	1	X				KEC	KEC	HEATED CABINET	METRO	C569-NDS-UPDSA	
61	1	X				KEC	KEC	ISLAND PREP TABLE	JOHN BOOS	ST6-3672SSK	w/ CASTERS, APRON, OVERSHELF
62	1			X	X	GC	GC	SERVING COUNTER	MILLWORK	BY G.C.	SEE ARCH'L PLANS FOR SPEC AND DETAIL
63	1	X				KEC	KEC	SNEEZE GUARDS	BSL, INC	X63930	w/ HEAT & LIGHTS
64	1	X				KEC	KEC	COLD FOOD WELL	VOLLRATH	FC-4C-04120-R	
65	1	X				KEC	KEC	HOT FOOD WELLS	VOLLRATH	3640460HD	
66	1	X				KEC	KEC	HOT/COLD SERVING WELLS	VOLLRATH	FC-6HC-03120-AD	
67	1	X				KEC	KEC	COLD FOOD WELL	VOLLRATH	FC-4C-02120-R	
68	1		X			KEC	KEC	TRAY SLIDE	CUSTOM	STAINLESS STEEL	
69	1		X			KEC	KEC	BACK SERVICE COUNTER BASE	CUSTOM	STAINLESS STEEL	
70	1	X				KEC	KEC	BUILT IN HAND SINK	ADVANCE	7-PS-42	
71	1		X			KEC	KEC	SOILED DISH TABLE w/ SCRAP SINK	CUSTOM	STAINLESS STEEL	
72	1	X				KEC	KEC	TRASH RECEPTACLE	RUBBERMAID	FG263256GRAY	w/ SAN JAMAR KA3244 LID & MOBILE DOLLY
73	1	X				KEC	KEC	RACKING SHELF	GSW USA	DT-WS2442	
74	1	X				KEC	KEC	PRE-RINSE FAUCET	FISHER	2210-WB	
75	1	X				KEC	KEC	44" CONVEYOR DISH MACHINE	JACKSON	RACKSTAR 44CE	w/ INTEGRAL 40 DEG RISE BOOSTER
76	1	X				KEC	GC	CONDENSATE HOOD	CAPTIVE AIRE	4230VHB-G	
77	1		X			KEC	KEC	S/S WALL FLASHING	CUSTOM	STAINLESS STEEL	
78	1	X				KEC	KEC	CLEAN DISH TABLE	GSW USA	DT60C-L	
79	1	X				KEC	KEC	WALL SHELF	GSW USA	WS-W1236	
80	1	X				KEC	KEC	3 COMPARTMENT SINK	GSW USA	SH1824330	w/ FAUCETS & LEVERWASTES
81	1	X				KEC	KEC	POT RACK	JOHN BOOS	PRW23A	WALL BACKING BY G.C. REQ'D
82								SPARE NUMBER			
83	1			X	X	KEC	KEC	BEVERAGE COUNTER	MILLWORK	CUSTOM	SEE ARCH'L PLANS FOR SPEC AND DETAIL
84	LOT		X			KEC	KEC	GLASS RACK SLIDES	CUSTOM	STAINLESS STEEL	
85	3				X	O	O	COFFEE AIR POTS	EXISTING	TO REMAIN	
86	2	X				KEC	KEC	ICE TEA DISPENSER	BUNN	TDO-N-3.5	
87	2	X				KEC	KEC	TRASH RECEPTACLE	RUBBERMAID	FG354060GRAY	
88	1	X				KEC	KEC	WASTE CHUTE	VOLLRATH	3Y0502	
89	1				X	O	GC	ICE DISPENSER	EXISTING	RELOCATED	
90	1	X				KEC	KEC	ICE MACHINE	FOLLETT	HCD710ABT	
91	1				X	O	O	TOASTER	EXISTING	RELOCATED	
92	1				X	O	O	MICROWAVE	EXISTING	RELOCATED	
93	2	X				KEC	KEC	U/C REFRIGERATOR	TRUE	TUC-48-ADA-HC~SPEC3	
94	2	X				KEC	KEC	U/C HEATED CABINET	ALTO SHAAM	750-S	
95	1			X	X	GC	GC	BACK SERVICE COUNTER TOP	MILLWORK	CUSTOM	SEE ARCH'L PLANS FOR SPEC AND DETAIL

NOTES

1 ALL CONNECTIONS SHOWN IN THE SCHEDULE ARE SIZED AS THEY ACTUALLY OCCUR ON THE EQUIPMENT
2 CONNECTIONS SHOWN ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS, MULTIPLY BY NUMBER IN QUANTITY COLUMN
3 WHEN EQUIPMENT IS NOTED AS EXISTING, UTILITY REQUIREMENTS SHOULD MATCH EXISTING AS INDICATED ON THE MANUFACTURERS DATA PLATE
4 WHERE INDICATED TO CONNECT IN OR THROUGH A VAIVE COMPARTMENT, CONTRACTOR SHALL STUB UP INTO VALVE COMPARTMENT AT HEIGHT INDICATED ON ROUGH-IN PLAN, CAP HIS WORK AND MAKE FINAL CONNECTIONS AFTER EQUIPMENT IS IN PLACE
5 THE INTENT OF THE DRAWINGS AND SPECIFICATIONS REGARDING ELECTRICAL PREWIRING AND PLUMBING PREPIPING IS TO HAVE THE KEC EXTEND TO AND TERMINATE ALL CONNECTIONS FOR THE EQUIPMENT IN THE LOCATIONS INDICATED IN THE EQUIPMENT SCHEDULE AND SPOT PLANS
6 ALL ITEMS SHOWN W/ THP1 CONNECTIONS PLUG INTO RECEPTACLES FURNISHED BY THE KEC AS PART OF THE EQUIPMENT
7 ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS TO PROVIDE ALL ROUGH-IN BUILDING SERVICES AND FINAL CONNECTION TO ALL FOOD SERVICE EQUIPMENT

HEALTH DEPARTMENT NOTES

1) FLOORS AND BASE IN KITCHEN AREA TO BE LIGHT COLORED
2) WALLS AND CEILINGS IN KITCHEN AREAS SHALL BE LIGHT IN COLOR, NONABSORBENT, SMOOTH AND EASY TO CLEAN
3) ALL KITCHEN EQUIPMENT AND INSTALLATION SHALL MEET OR EXCEED (NSF) NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT

CONTRACT CODE

E - EXISTING	GC - GENERAL CONTRACTOR FURNISHED	P - PURCHASE
F - FABRICATE	O - OWNER FURNISHED	V - VENDOR FURNISHED

NOTE

1 ALL S/S CUSTOM FABRICATION TO BE MANUFACTURED TO NSF STANDARDS BY APPROVED FABRICATOR.
2 CUSTOM REFRIGERATION TO BE FABRICATED TO NSF STANDARDS BY CERTIFIED NSF FABRICATOR

SERVERY EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

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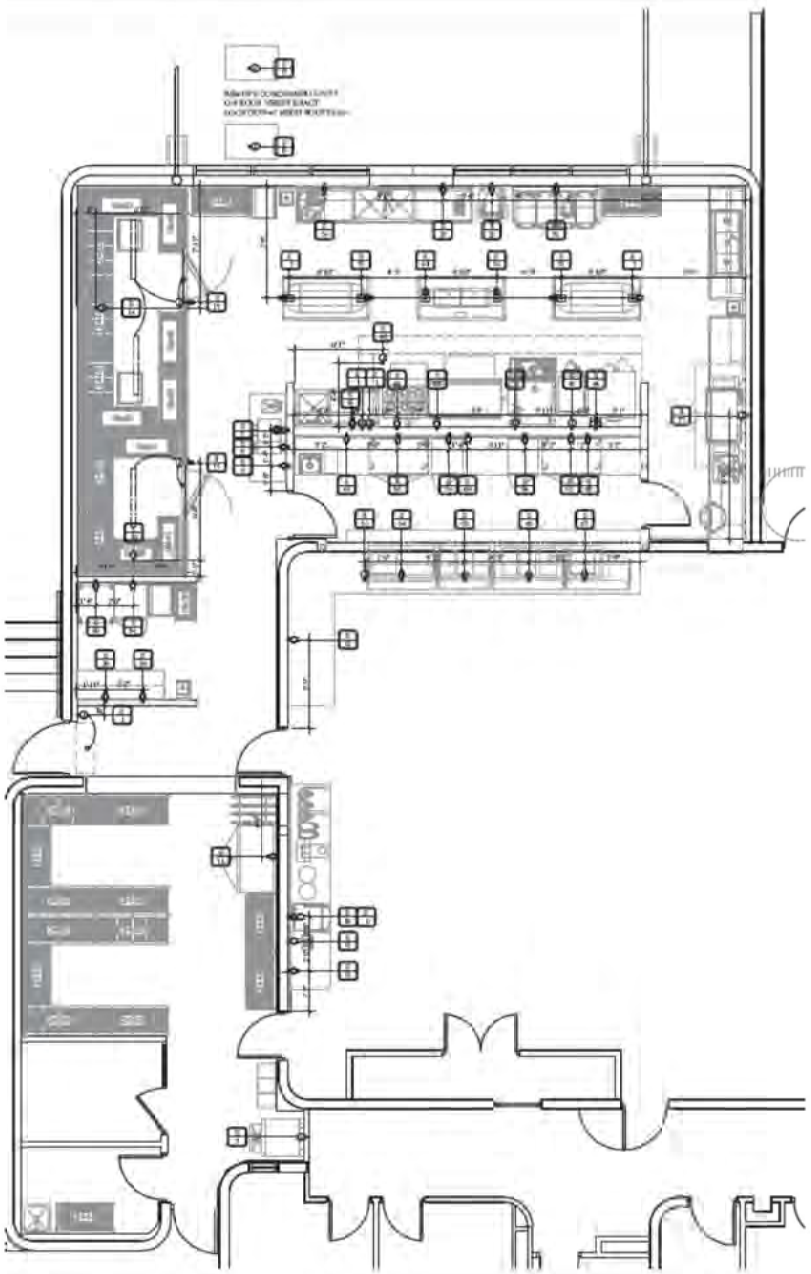
Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by: SK/DK
Checked by: SK
Project No.: 2019.12
Date: 10JUNE2020

FOODSERVICE EQUIPMENT SCHEDULE

FS-2.0

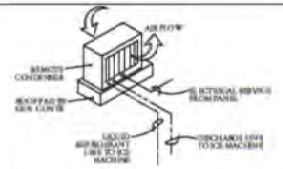


TAG	QTY	REMARKS - DESCRIPTION	LOAD	SERVICE TO	REMARKS
E1	1	120V 1PH .5HP + 8W	2.4A	AIR CURTAIN	COMM THRU DOOR MICROSWITCH
E5	1	EXISTING CONNECTIONS TO REMAIN			
E6	1	120V 1PH 5HP + 48"	15.0A	SERVE STATION TABLE	CONVENIENCE OUTLET
E7	1	120/240V 1PH 5HP + 48"	25.0A	COFFEE BREWER	
E8	1	120V 1PH 5HP + 48"	14.4A	TEA BREWER	
E11	1	120V 1PH 5HP + 18"	9.2A	REACH-IN FREEZER	
E15	2	120V 1PH .5HP DN + 108"	5.0A	WALK-IN COOLER/FREEZER UNIT	
E16	1	208V 1PH .5HP DN + 108"	1.0A	COOLER EVAP COIL	
E17	1	208V 3PH .5HP (ON ROOF)	14.4A	COOLER CONDENSING UNIT	
E18	1	208V 1PH .5HP DN + 108"	8.0A	FREEZER EVAP COIL	
E19	1	208V 3PH .5HP (ON ROOF)	13.7A	FREEZER CONDENSING UNIT	
E38	2	120V 1PH 5HP + 48"	15.0A	WORK TABLE	CONVENIENCE OUTLET
E34	1	120V 1PH 5HP + 48"	2.0A	SLICER	
E39	1	120V 1PH 5HP + 48"	7.0A	FOOD PROCESSOR	
E36	1	120V 1PH 5HP + 48"	15.0A	PREP TABLE	CONVENIENCE OUTLET
E40	1	120V 1PH .5HP DN + 108"	5.0A	EXHAUST HOOD	FOR HOOD LIGHTS ONLY
E41	1	120V 1PH .5HP + 8W	15.0A	FIRE SUPPRESSION SYSTEM	
E43	1	120/208V 3PH .5HP + 8W	*	ELECTRICAL SERVICE PANEL	COORDINATE w/ MECH FAN SELECTION
E44	1	120V 1PH 5HP + 24" @ 42"	7.7A(EA)	DBL CONV OVEN	
E45	1	208V 3PH .5HP + 44"	23.8A	STEAMER	
E46	1	120V 1PH .5HP + 12"	5.0A	TILT SKILLET	
E48	1	120V 1PH 5HP + 18"	5.0A	MARBLE w/ OVEN	
E52	1	120V 1PH 5HP + 48"	5.0A	COUNTER TOP MIXER	
E53	1	208V 1PH 5HP + 16"	23.0A	80 QT. MIXER	
E55	1	120V 1PH 5HP + 12"	6.1A	ROTISS BASE	
E54	1	120V 1PH 5HP DN + 78"	10.0A	HOT FOOD WELLS	DROP CORD
E57	1	120V 1PH 5HP DN + 78"	20.0A	ISLAND PREP TABLE	DROP CORD
E59	1	120V 1PH 5HP + 18"	2.3A	PASS THRU REFRIG	
E60	1	120V 1PH 5HP + 60"	18.7A	PASS THRU HEATED CABINET	
E61	1	120V 1PH 5HP DN + 78"	20.0A	ISLAND PREP TABLE	DROP CORD
E62	1	120V 1PH 5HP + 48"	15.0A	SERVING COUNTER	CONVENIENCE OUTLET
E63	1	120/208V 1PH .5HP + 28"	20.0A	SNEEZE GUARD	
E64	1	120V 1PH 5HP + 18"	7.6A	COLD FOOD WELL	
E65	1	120V 1PH 5HP + 18"	15.8A	HOT FOOD WELLS	
E66	1	120V 1PH 5HP + 18"	15.8A	HOT/COLD WELLS	
E67	1	120V 1PH 5HP + 18"	3.5A	COLD FOOD WELL	
E68	2	120V 1PH 5HP + 48"	15.0A	SERVICE COUNTER	CONVENIENCE OUTLET
E71	1	208V 3PH .5HP + 66"	85.3A	DISH MACHINE	
E89	1	120V 1PH 5HP + 48"	3.0A	ICE DISPENSER	
E90	1	120V 1PH 5HP + 66"	11.5A	ICE MACHINE	
E91	1	120V 1PH 5HP + 48"	15.0A	TOASTER	
E92	1	120V 1PH 5HP + 48"	15.0A	MICROWAVE OVEN	
E93	2	120V 1PH 5HP + 18"	3.8A	U/C REFRIGERATOR	
E94	2	120V 1PH 5HP + 18"	9.0A	U/C HEATED CABINET	

ELECTRICAL LEGEND	
SYMBOLS	ABBREVIATIONS

DIST AFF

FOOD SERVICE RECEPTACLE



TYPICAL REMOTE CONDENSING UNIT DETAIL
NOT TO SCALE

ELECTRICAL NOTES

A. ALL ELECTRICAL OUTLETS SHOWN ON THIS PLAN ARE TO BE FURNISHED BY THE E. TOWN EQUIPMENT CONTRACTOR UNLESS OTHERWISE NOTED. ELECTRICAL WORK IS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

B. ALL COMPRESSOR UNITS ARE TO BE MOUNTED OVER AISLES OR IN REMOTE WALLS. ELEVATIONS ON PLAN SHOW EXACT LOCATION. REFER TO LAYOUT PLAN FOR EXACT LOCATIONS. ALL CONDENSING UNITS ARE TO BE INSTALLED AT LEAST 6" AWAY FROM ANY COMBUSTIBLE MATERIAL.

C. ELECTRICAL EQUIPMENT, TABLE TOP TYPE EQUIPMENT AND ITEMS MARKED TO BE FURNISHED BY THE E. TOWN EQUIPMENT CONTRACTOR SHALL BE SET IN PLACE BY THE ELECTRICAL CONTRACTOR. ALL ELECTRICAL OUTLETS AND CONNECTIONS FOR THIS EQUIPMENT SHALL BE PROVIDED BY THE ELECTRICIAN. ALL CONNECTIONS TO EQUIPMENT SHALL BE MADE BY THE ELECTRICIAN, AS WELL AS THE ELECTRICAL WORK INCIDENTAL THERETO. REFER TO ELECTRICAL PLAN FOR LOCATION OF OUTLETS. REFER TO E. TOWN EQUIPMENT CONTRACTOR'S DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

D. ALL WORK TO BE PERFORMED BY ALL SUBCONTRACTORS SHALL BE COORDINATED TO AVOID INTERFERENCE AND TO INSURE THE COMPLETION OF THE ENTIRE PROJECT IN THE SHORTEST POSSIBLE TIME. THE ELECTRICIAN SHALL CONSULT WITH THE OTHER TRADES AND BE RESPONSIBLE FOR THE COORDINATION OF HIS WORK WITH THE WORK OF THE OTHER TRADES.

E. EQUIPMENT TO BE PURCHASED BY E. TOWN SHALL BE DELIVERED TO THE SITE AND INSTALLED BY THE E. TOWN EQUIPMENT CONTRACTOR. THE ELECTRICIAN SHALL COORDINATE WITH THE E. TOWN EQUIPMENT CONTRACTOR TO ENSURE THAT ALL ELECTRICAL WORK IS COMPLETED IN TIME TO MEET THE PROJECT SCHEDULE.

F. ALL CIRCUITS SHALL BE INSTALLED IN CONDUIT AND SHALL BE COPPER. ALL CIRCUITS SHALL BE SIZED TO MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES. ALL CIRCUITS SHALL BE IDENTIFIED AT THE PANEL BOARD AS TO THEIR USE AND LOCATION. ALL CIRCUITS SHALL BE BALANCED AS EVENLY AS POSSIBLE ON THE THREE PHASES OF THE PANEL BOARD.

G. ELECTRICAL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

H. ALL ELECTRICAL EQUIPMENT SHALL BE LISTED BY U.L. AND SHALL BEAR THE U.L. LABEL.

I. ALL CONDUIT SHALL BE CONCEALED IN FINISHED AREAS. CONDUIT SHALL BE RUN EXPOSED IN UNFINISHED AREAS AND SHALL BE NEATLY SUPPORTED FROM THE BUILDING STRUCTURE. CONDUIT SHALL NOT BE RUN ON THE TOP OF ANY EQUIPMENT.

J. ALL SURFACE MOUNTED RACEWAYS SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. RACEWAYS SHALL BE INSTALLED PARALLEL TO THE BUILDING WALLS AND SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 4'-0".

K. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.

CLARIFICATIONS

1. ROUGH-IN ELECTRICAL PERFORMED BY THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL MATERIAL, WIRE, SWITCHES, JUNCTION BOXES, CONVENIENCE OUTLETS, DISCONNECTS, HEAT TAPE, STARTERS, CONTACTORS, SHUNT BREAKERS, MICROW TCHES, RECEPTACLES AND PULL BOXES (NOT BUILT INTO THE HOOD SERVICE EQUIPMENT
2. HVAC CONNECTIONS USUALLY PERFORMED BY THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL MATERIALS, MOUNTING ALL SW TCHES OR CONTROL PANELS, COOLER/FREEZER LIGHTS AND INTERCONNECTING WIRING BETWEEN SW TCHES, PANELS, LIGHTS, SOLENOID VALVES, COMPRESSORS, CONDENSERS, EVAPORATORS, DOOR HEATERS, HEATED VENTS, DEFROST HEATERS, HEAT TAPE AND DISCONNECTS AS REQUIRED.
3. SEE HOOD DRAWINGS FOR ELECTRICAL SPECIFICATIONS REQUIRED FOR EXHAUST HOODS, FAN PACKAGE AND FIRE SUPPRESSION SYSTEM.
4. ALL ELECTRICAL RECEPTACLES IN HOOD SERVICE AREA TO BE MOUNTED HORIZONTALLY.

KITCHEN EXPANSION ELECTRICAL PLAN

LANDMARK KITCHEN DESIGN, LLC

MWKARCH
Architecture
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Interiors
History
Arts

Michael Wilson Kelly
— Architects, LLC —
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BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

MK/EDR	SK
Project No.	Sh. #
2019.12	10.SUP2020

FOODSERVICE ELECTRICAL ROUGH-INS

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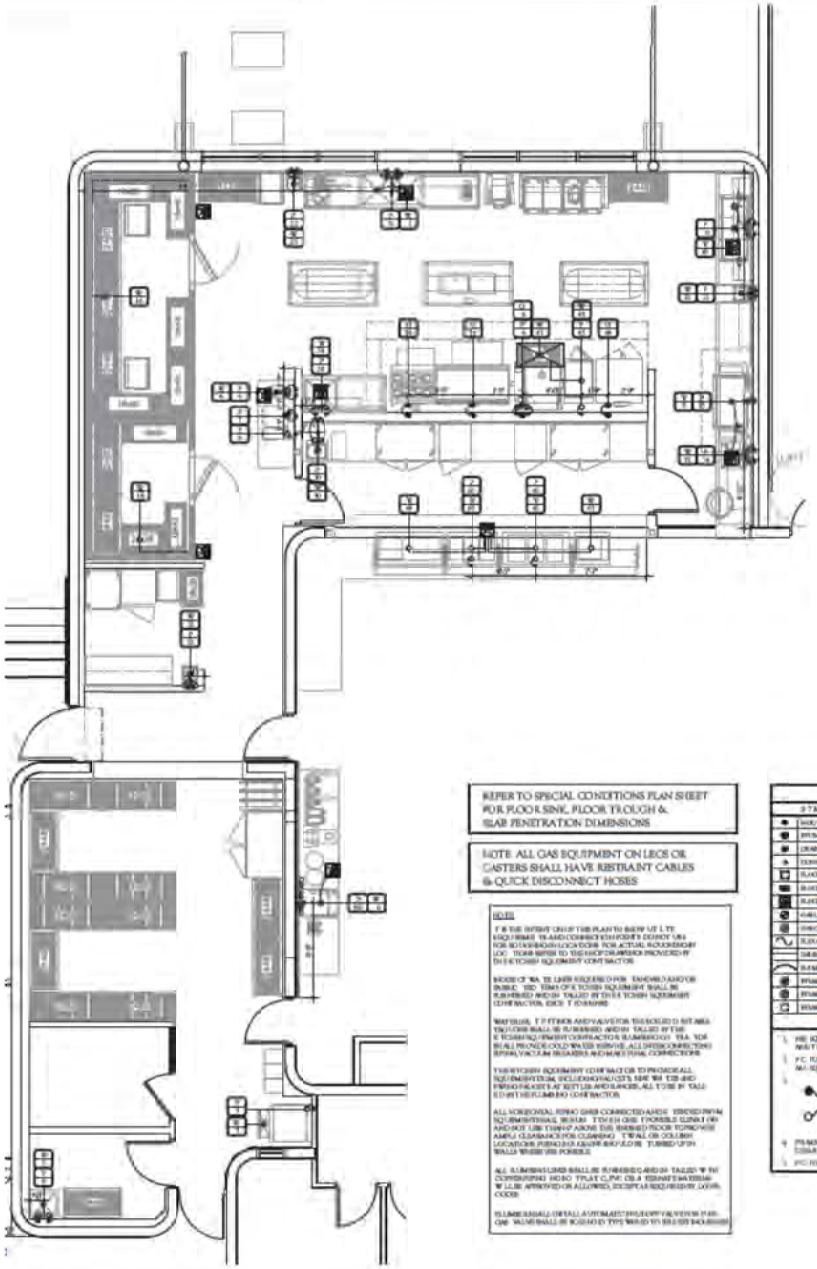


PLUMBING ROUGH-IN SCHEDULE					
TAG	QUA	ROUGH-IN	CONNECTION	SERVICE TO	REMARKS
P4	1	1/2" HW & CW + 20"	1/2" HW & CW	STEAMER PIGTAIL	
P5	1	EXISTING CONNECTIONS TO REMAIN		HOT MAKEUP ASSEMBLY	
P6	1	1/2" HW & CW + 18"	1/2" HW & CW	BIRER STATION TABLE	
P7	1	1/2" CW + 52"	3/8" CW	COFFEE BREWER	
P8	1	1/2" CW + 52"	3/8" CW	ICE BREAKER	
P22	2	1/2" HW & CW + 20"	1/2" HW & CW	HAND SINKS	
P23	1	1/2" HW & CW + 18"	1/2" HW & CW	PREP TABLE w/ SINKS	
P28	1	1/2" HW & CW + 18"	1/2" HW & CW	PREP TABLE w/ SINKS	
P45	1	1/2" CW + 12"	1/2" CW	STEAMER	CONN. THRU FILTER
P46	1	1/2" HW & CW + 18"	1/2" HW & CW	TILT SKILLET	
P55	1	1/2" CW + 24"	1/2" CW	LSF FOOD WELLS	
P56	1	1/2" CW + 24"	1/2" CW	HOT/COLD WELLS	
P70	1	1/2" HW & CW + 20"	1/2" HW & CW	BUILT IN HAND SINK	
P74	1	1/2" HW & CW + 18"	1/2" HW & CW	WHC-RINSE FAUCET	
P75	1	1/2" HW + 24"	1/2" HW	DISH MACHINE	
P80	1	1/2" HW & CW + 18"	1/2" HW & CW	3 COMPARTMENT SINK	
P90	1	1/2" CW + 28"	3/8" CW	ICE MACHINE	CONN. THRU FILTER

WASTE ROUGH-IN SCHEDULE					
TAG	QUA	ROUGH-IN	CONNECTION	RISE/GO TO	REMARKS
W3	1	2" W (IN FLOOR)	2" W	MOP SINK	
W5	1	EXISTING CONNECTIONS TO REMAIN		ICE MACHINE ASSEMBLY	
W6	1	FLOOR SINK	1-1/2" W	BIRCH STATION TABLE	
W7	1	FLOOR SINK	1" DR.	ICE BIN	
W10	1	FLOOR SINK	1" DR.	COOLER DRAIN COIL	
W11	1	FLOOR SINK	1" DR.	TRICKLER DRAIN COIL	
W22	2	1-1/2" W + 18"	1-1/2" W	HAND SINKS	
W31	2	FLOOR SINK	2" DR.	PREP TABLE w/ SINKS	
W30	1	FLOOR SINK	2" DR.	PREP TABLE w/ SINKS	
W45	1	FLOOR TROUGH	1-1/2" DR.	STEAMER	
W77	1	3" W (IN FLOOR)	3" W	FLOOR TROUGH	
W54	1	FLOOR SINK	1" DR.	LSF FOOD WELL	
W55	1	FLOOR SINK	1" DR.	HOT FOOD WELLS	MANIFOLD DRAINS
W56	1	FLOOR SINK	1" DR.	HOT/COLD WELLS	
W57	1	FLOOR SINK	1" DR.	HOT/COLD FOOD WELLS	
W70	1	1-1/2" W + 18"	1-1/2" W	BUILT IN HAND SINK	
W71	1	FLOOR SINK	1-1/2" DR.	MOLDED DISH TABLE, DUMP SINKS	
W75	1	FLOOR SINK	2" DR.	DISH MACHINE	
W80	1	FLOOR SINK	1-1/2" DR.	3 COMPARTMENT SINK	
W90	1	FLOOR SINK	3/4" DR.	ICE MACHINE	

GAS ROUGH-IN SCHEDULE					
TAG	QUA	CONNECTION	BTUH	SERVICE TO	REMARKS
G44	1	3/4" G + 12"	100 MBTU	DBL CONV OVENS	
G48	1	1/2" G + 18"	104 MBTU	TILT SKILLET	
G48	1	3/4" G + 30"	322 MBTU	RANGE w/ OVEN	w/ G.D. HOSE & RESTRAINED CABLE
G54	1	3/4" G + 30"	130 MBTU	GRIDDLE	w/ G.D. HOSE & RESTRAINED CABLE

REFER TO SPECIAL CONDITIONS PLAN SHEET FOR FLOOR SINK, FLOOR TROUGH & SLAB PENETRATION DIMENSIONS

NOTE ALL GAS EQUIPMENT ON LEGS OR CASTERS SHALL HAVE RESTRAINT CABLES & QUICK DISCONNECT HOSES

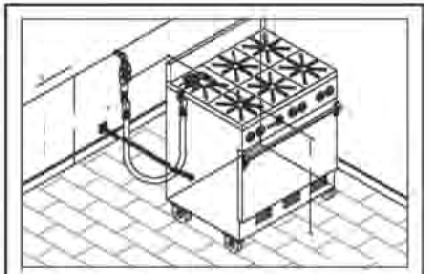
NOTES

PLUMBING LEGEND

SYMBOLS	ABBREVIATIONS
HW/CW/CD WATER	HW HOT WATER
RW/SF WATER	CW COLD WATER
DRAIN	DR DRAIN
CONNECTION	AFF ABOVE FINISH FLOOR
FLOOR DRAIN	FD FLOOR DRAIN
FLOOR SINK	FS FLOOR SINK
FLOOR SINK +	T FLOOR TROUGH
HOSE BIB	HB HOSE BIBB
DISCONNECTION	GDH GAS DISPENSER HOSE
FLEX CONNECTION	GDH GAS DISPENSER HOSE
GREASE TRAP, TYPICAL	GT GREASE INTERCEPTOR
PLUMBING IN ENCLOSING TOWN	FD FOUNDATION DRAIN
PLUMBING UP	DFA DOWN FROM ABOVE
PLUMBING DOWN	T TEMPERATURE
PLUMBING CONNECTION	TR TEMPERATURE

PLUMBING CONTRACTOR NOTES

CLARIFICATIONS



1 DISCONNECT GAS HOSE DETAIL
FS-4.0 NOT TO SCALE

KITCHEN EXPANSION PLUMBING PLAN

LANDMARK KITCHEN DESIGN, LLC

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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

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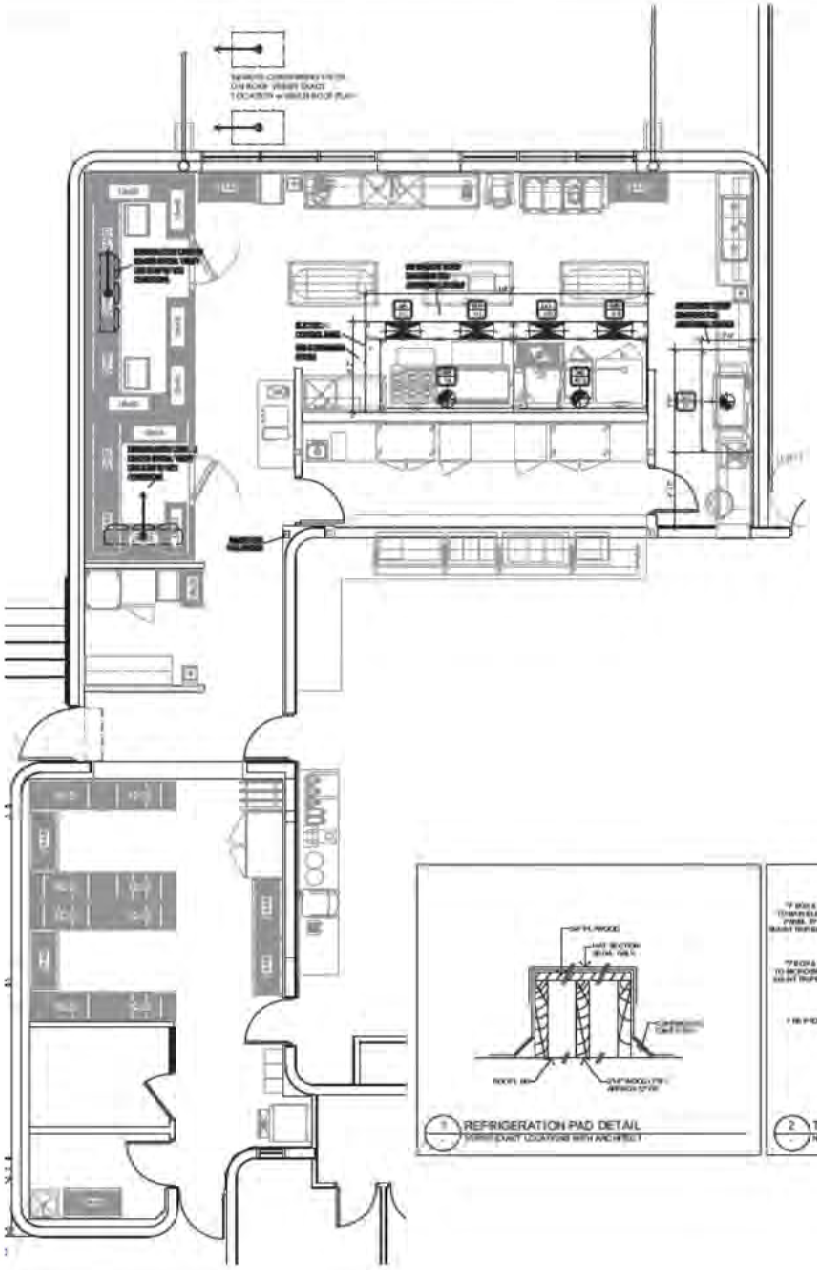
FOODSERVICE PLUMBING ROUGH-INS

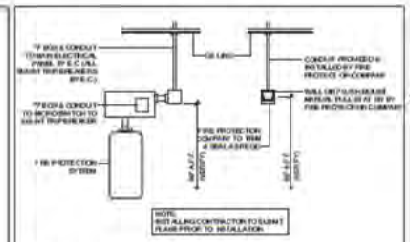
FS-4.0



MECHANICAL ROUGH-IN SCHEDULE

ITEM	QUA	TAG	HOOD SIZE			AIR FLOW REQUIREMENTS					HOOD WEIGHT (LBS)
			L	W	H	EXHAUST C.F.M.	SUPPLY C.F.M.	EXHAUST SIZE	SUPPLY SIZE	TOTAL HOOD INCHES W.C.	
40	1	M540R	108	48	20	3817		14 DIA		4.680	568
40	2	M540R	108	14	4		3817 SAJ		38 X 12	0.214	-
40	1	M540L	109	48	20	3817		14 DIA		4.680	751
40	2	M540L	110	14	4		3817 SAJ		38 X 12	0.214	-
50	1	M6N	84	42	20	5036		13 DIA		4.139	342

1 REFRIGERATION PAD DETAIL
VERIFY EXACT LOCATIONS WITH ARCHITECT



2 TYPICAL FIRE PROTECTION SYSTEM
NOT TO SCALE

SYMBOLS



3 RECESSED REMOTE FIRE PULL DETAIL
NOT TO SCALE

MECHANICAL SYSTEM NOTES:

1. EXHAUST HOOD REQUIREMENTS AND DUCT COLLAR SIZES SHALL BE COORDINATED WITH FINAL SHOP DRAWINGS PRIOR TO FABRICATION.
2. ALL FINAL DUCT WELDING AND CONNECTIONS TO BE INCLUDED IN THE GC CONTRACT.
3. DUCTWORK, EXHAUST AND MUA FANS TO BE PROVIDED AND INSTALLED BY THE GC & MECHANICAL CONTRACTOR.
4. PROVIDE DISCONNECT ON ROOF FOR EXHAUST AND M.U.A. FANS.
5. ELECTRICAL EQUIPMENT UNDER EXHAUST HOOD MUST HAVE SHUNT TRIP BREAKERS AT ELECTRICAL PANEL CONNECTED TO MICROSWITCHES IN THE FIRE SYSTEM.
6. K.E.C. IS TO PROVIDE CLOSURE TRIM PANELS FROM TOP OF HOOD TO CEILING & S/S WALL PANELS.

NOTE:
REFER TO ENGINEERING HOOD DATA SHEETS FOR COMPLETE CFM REQUIREMENTS.

NOTE:
1. REFRIGERATION LINES ARE FOR SCHEMATIC PURPOSES ONLY.
2. K.E.C. AND G.C. TO VERIFY EXACT LOCATION OF REFRIGERATION UNITS ON ROOF WITH ARCHITECT PRIOR TO INSTALLATION.

KITCHEN EXPANSION MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

LANDMARK KITCHEN DESIGN, LLC

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Michael Wilson Kelly
– Architects, Ltd. –

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
MA/DJK	SK
Project No.	Sheet
2019.12	10JUN2020

FOODSERVICE MECHANICAL PLAN

FS-5.0

HOOD INFORMATION – Job#4124057

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	APPLIANCE DUTY	DESIGN CFM/ft	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.	S.P.	TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	40	6030 ND-2-PSP-F	9' 1"	600 Deg.	Heavy	200	1817			4"	14"	1817	1700	-0.680"	1635	430 SS Where Exposed	LEFT	ALONE
2	40	6030 ND-2-PSP-F	9' 1"	600 Deg.	Heavy	200	1817			4"	14"	1817	1700	-0.680"	1635	430 SS Where Exposed	RIGHT	ALONE
3	76	4230 VHB-G	7' 0"	700 Deg.	N/A	150	1050			4"	12"	1050	1337	-0.129"	0	430 SS 100%	ALONE	ALONE

PATENT NUMBERS

AC-PSP (United States) - US Patent 7963830 B2
AC-PSP Wall (Canada) - CA Patent 2820509
AC-PSP Island (Canada) - CA Patent 2520330

Captive Aire Systems Arizona
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HOOD INFORMATION

HOOD NO.	TAG	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY.	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WGHT
1	40	Captrate Solo Filter	6	20"	16"	85% See Filter Spec.	3	L55 Series E26	NO							YES	566 LBS
2	40	Captrate Solo Filter	6	20"	16"	85% See Filter Spec.	3	L55 Series E26	NO	Right	12"x60"x30"	Ansul R102	3.0/3.0	DCV-2111	1 Light 1 Fan	YES	751 LBS
3	76						0									NO	242 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1	40	FIELD WRAPPER 18.00" High Front, Left
		BACKSPLASH 128.00" High X 249.00" Long 430 SS Vertical
		LEFT SIDESPLASH 128.00" High X 34.00" Long 430 SS Vertical
		LEFT END STANDOFF (FINISHED) 1" Wide 60" Long Insulated
2	40	FIELD WRAPPER 18.00" High Front, Right
		RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
3	76	FIELD WRAPPER 18.00" High Front, Left, Right
		BACKSPLASH 128.00" High X 120.00" Long 430 SS Vertical

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG.	DIA.	CFM	S.P.
1	40	Front	110"	14"	6"	MUA	12"	28"		817	0.214"
						MUA	12"	28"		817	0.214"
2	40	Front	121"	14"	6"	MUA	12"	28"		817	0.214"
						MUA	12"	28"		817	0.214"

CAPTIVEAIRE SYSTEMS RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM, MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT

VERIFY CEILING HEIGHT

___' - ___"

HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

HVAC DISTRIBUTION NOTE

IT IS RECOMMENDED NOT TO INSTALL HIGH VELOCITY DIFFUSERS OR HVAC RETURNS WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted ☐
Approved with NO Exception Taken ☐
Revise and Resubmit ☐
SIGNATURE _____
Your Title _____ Date _____ _____

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

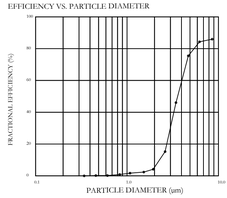
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

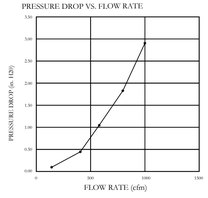
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05.

EFFICIENCY VS. PARTICLE DIAMETER

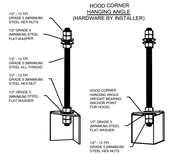


PRESSURE DROP VS. FLOW RATE



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:.
NFPA #96
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-S649

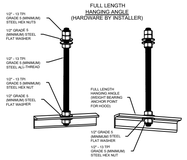
HOOD CORNER HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

FULL LENGTH HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

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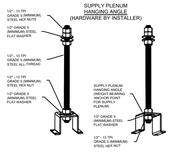
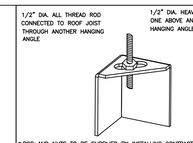
SUPPLY PLENUM HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



* ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR HANGING ANGLE IS PRE-PUNCHED AT FACTORY

ND-2 HANGING ANGLE DETAIL

HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24"H)	DIM FROM FRONT (30"H)
CANOPY ND2	4.166"	2.246"	2.246"
ND2-PSP-F	4.166"	2.246"	2.246"
BACKSHELF 2847BD	2.00"	14.25"	–
VHB/VHB-G	36"X36"	42"X42"	48"X48"
FRONT/BACK DIMS BY SIZE	2.246"	2.246"	2.246"

HANGING ANGLE LOCATIONS

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

TOTAL DUCT AREA=144 X $\frac{\text{CFM}}{\text{FPM(*)}}$

DUCT LENGTH= $\frac{\text{TOTAL DUCT AREA}}{\text{DUCT DEPTH}}$

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

ETL LISTED ▲ 3054804-001 ▲ 3054804-002 | UL STANDARD 710 | intertek | BUILT IN ACCORDANCE WITH NFPA No. 96

Listed under ETL File number 3054804-001/002

BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

1. ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
2. ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
3. HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
4. ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
5. COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
6. EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
7. ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
8. LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
9. SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
10. INSTALLING CONTRACTORS ASSUME ALL RELATED REPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

BALANCE

11. KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
12. KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
13. RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

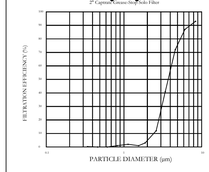
ADDITIONAL

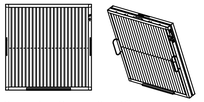
14. WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
15. SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES

FILTER COLLECTION EFFICIENCY

2" Captrate Grease-Stop Solo Filter





CaptiveAire Captrate Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

CAPTIVE-AIRE
Arizona Office
1717 E. Bell Road, SUITE 12, Phoenix, AZ. 85022 PHONE: (480) 926-6810 FAX: (877) 719-2227 EMAIL: regG3@captiveaire.com
www.captiveaire.com

REVISIONS	
DESCRIPTION	DATE:
△	
△	
△	
△	

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 1

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly – Architects, Ltd. –
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829-7667

Revisions:
△
△
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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

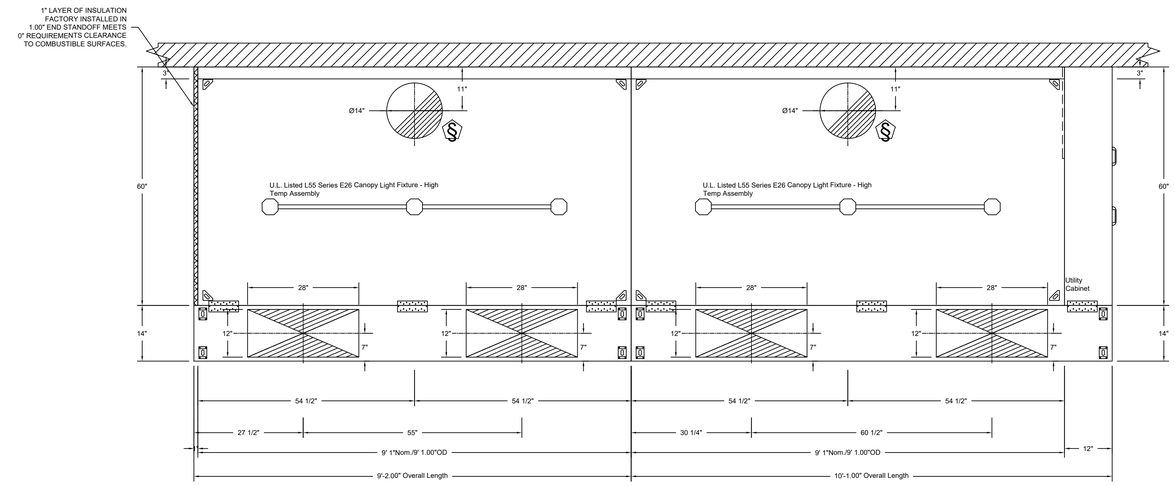
Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.1

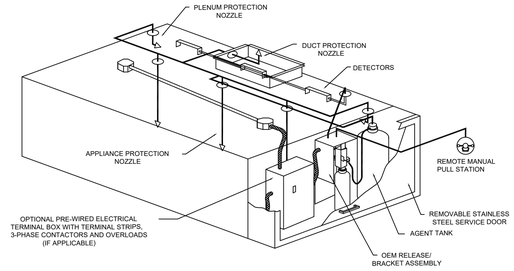
FOODSERVICE CONSULTANT:
LANDMARK KITCHEN DESIGN, LLC
ARIZONA • NEW ENGLAND
TEL: (602) 443-0344
info@landmarkphx.com
www.landmarkphx.com

CS Senior Center Kitchen - CDBF21BK
Contract 20222012
GCON, Inc.



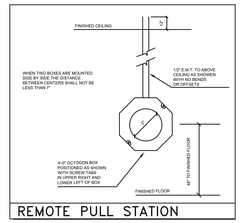
PLAN VIEW – Hood #1 (40)
9' 1.00" LONG 6030ND-2-PSP-F

PLAN VIEW – Hood #2 (40)
9' 1.00" LONG 6030ND-2-PSP-F



TYPICAL ANSUL R-102 SYSTEM LAYOUT

ACTUAL FIRE SYSTEM PIPING SCHEMATIC TO BE PROVIDED BY CONTRACTED FIRE SYSTEM DISTRIBUTOR AT TIME OF PERMITTING



REMOTE PULL STATION

SECTION VIEW – MODEL 6030ND-2-PSP-F
HOOD – #2 (40)

DUCT TEMPERATURE SENSOR



Provides exhaust air temperature for proper hood control operation. For all installations excluding a single hood with factory risers and a hood mounted panel, duct mounted temperature sensors will need to be field wired. 2-wire 18 AWG plenum rated thermistor cable must be used.

ROOM TEMPERATURE SENSOR



Provides room override based on temperature differential between the room and duct. Installed by electrician on a wall, 5'-6' off the finished floor, in the space but not directly under the hood or close to an appliance (including the electrical control box) so the reading is accurate for space.

HOOD CONTROL INTERFACE



The LCD interface provides user control and hood status. The faceplate is connected to the hood control panel through CAT-5 cable. A faceplate has 2 RJ-45 connectors. One connects to port J4 or J5 in the hood control panel and the other will typically be occupied by a RJ-45 end-of-line terminator.

Fire System Information – Job#4124057

FIRE SYSTEM NO.	Tag	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	41	Ansul R102	3.0/3.0	4	Fire Cabinet Right	Right

Fire System Parts List Key

FIRE SYSTEM NO.	TAG	KEY NUMBER - PART DESCRIPTION	QTY. BY FACTORY	QTY. BY DIST.
1	41	0 - 0 - DISC UNION Bursting Disc Union Assembly for Manifold System.	1	0
		0 - 0 - Tank Strap Tank Strap - used for ANSUL Tanks	2	0
		0 - 0 - UCTANKBRACKET Tank Bracket for fire system tank installation in utility cabinets	2	0
		1 - 1 - AT - 3.0 TANK(#1B) - 3.0 Gallon SS Tank (for use with Automan Release, Actuator, or SS Enclosure (UL/ULC)) Macola # 01-429862	2	0
		3 - 3 - ANS-OEM REGULATED RELEASE - Ansul Regulated Mechanical Release/Bracket Assembly, OEM, R-102, Cartridge Detection Included, Ansul Part # 79493	1	0
		5 - 5 - LIQ-3.0 AGENT - Ansulex Low PH Wet Chemical Agent, 3 Gallon (UL) 79372	0	2
		9 - 9 - DT-CART Double Tank Nitrogen Cartridge	0	1
		10 - 10 - TLINK LINK - Test Link (1 test link) Ansul Part # 24916, Macola # 20-24916	0	1
		11 - 11 - MICRO-SDA MICROSWITCH KIT- Includes 2 switches and Mounting Hardware. Single Dual Electric Switch, One Standard Switch, One Alarm Duty Switch Ansul Part # 437155, Macola # 08-437155	1	0
		12 - 12 - HOSE HOSE - Rubber Hose	1	0
		27 - 27 - QPSA-1/2 PULLEY SEAL - 1/2" Hood Seal (UL) Ansul Part # 423253, Macola # 32-79768	5	0
		34 - 34 - RPS-A REMOTE PULL STATION - Red composite (without wire rope) 434618 (Old Macola #06-4835)	1	0
		35 - 35 - PE-LT PULLEY ELBOW - Low Temp. Pulley Elbow, Set Screw Type Ansul Part # 415670, Macola # 11-415671	5	0
		36 - 36 - PE-HT PULLEY ELBOW - High Temp Pulley Elbow, Compression Type, Ansul Part # 423251, Macola # 10-45771	4	0
		ADDITIONAL PARTS TO BE DETERMINED...		

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

CAPTIVE-AIRE
Arizona Office
1717 E. Bell Road, SUITE 12, Phoenix, AZ. 85022 PHONE: (480) 926-6810 FAX: (877) 719-2227 EMAIL: regG3@captiveaire.com
www.captiveaire.com

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 2

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly – Architects, Ltd. –
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829-7667

Revisions:

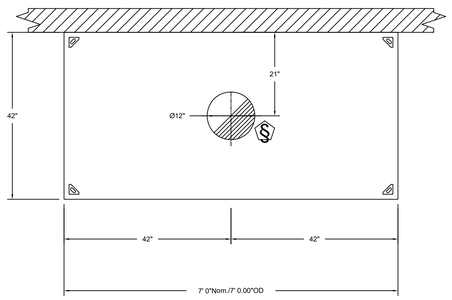
BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

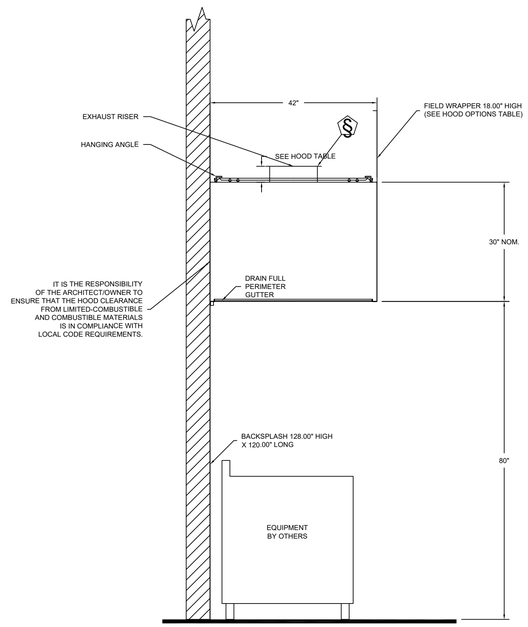
FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.2

FOODSERVICE CONSULTANT:
LANDMARK KITCHEN DESIGN, LLC
ARIZONA • NEW ENGLAND
TEL: (602) 443-0344
info@landmarkphx.com
www.landmarkphx.com



PLAN VIEW – Hood #3 (76)
7' 0.00" LONG 4230VHB-G



SECTION VIEW – MODEL 4230VHB-C
HOOD – #3 (76)

REVISIONS

	DESCRIPTION	DATE:
△		
△		
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CAPTIVEAIRE
Arizona Office
1717 E. Bell Road, SUITE 12, Phoenix, AZ. 85022 PHONE: (480) 926-6810 FAX: (877) 719-2227 EMAIL: reg93@captiveaire.com
www.captiveaire.com

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 3

FOODSERVICE CONSULTANT:
LANDMARK KITCHEN DESIGN, LLC
ARIZONA • NEW ENGLAND
TEL: (602) 443-0344
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MWKARCH
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Revisions:
△
△
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△

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.3

EXHAUST FAN INFORMATION – Job#4124057

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES
1	KEF-1	DU180HFA	1817	1.250	1110	1.000	0.5980	3	208	3.8	420 FPM	153	13.4
2	KEF-2	DU180HFA	1817	1.250	1110	1.000	0.5980	3	208	3.8	420 FPM	153	13.4
3	KEF-3	DU50HFA	1050	0.350	1385	0.500	0.2660	1	115	6.3	399 FPM	75	13.7

MUA FAN INFORMATION – Job#4124057

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	MCA	MOCP	EVAP COOLER ENTERING DB TEMP.	EVAP COOLER ENTERING WB TEMP.	EVAP COOLER LEAVING DB TEMP.	EVAP COOLER LEAVING WB TEMP.	WEIGHT (LBS.)	SONES
4	MUA-1	A2-20D	20MF-2-MOD	A2	-	3770	0.400	1403	2.000	1.0500	3	208	8.3	10.4A	15A	109.0°F	71.0°F	87.0°F	71.0°F	682	14.5

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1	KEF-1	1 - Grease Box
		1 - Fan Base Ceramic Seal - Installed At Plant - For Grease Ducts
2	KEF-2	1 - Grease Box
		1 - Fan Base Ceramic Seal - Installed At Plant - For Grease Ducts
3	KEF-3	1 - ECM Wiring Package - Manual or 0-10VDC Reference Speed Control (TELCO Motor), CCW Rotation
		1 - SCR-13 Bird Screen
		1 - I 15-BDD Damper
4	MUA-1	1 - Evaporative Cooler Wiring Harness
		1 - Separate 120V Wiring Package (Required and used only for DCV or Prewire with VFD) - Three Phase Only

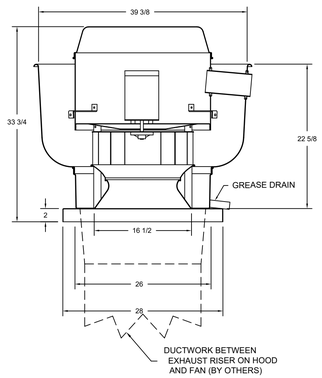
FAN ACCESSORIES

FAN UNIT NO.	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1	YES						
2	KEF-2	YES						
3	KEF-3		YES					
4	MUA-1							

CURB ASSEMBLIES

NO.	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	41 LBS	Curb	26.500"W x 26.500"L x 20.000"H Vented Hinged
2	# 2	KEF-2	41 LBS	Curb	26.500"W x 26.500"L x 20.000"H Vented Hinged
3	# 3	KEF-3	27 LBS	Curb	19.500"W x 19.500"L x 20.000"H
4	# 4	MUA-1	52 LBS	Curb	31.000"W x 31.000"L x 15.000"H
	# 4			Rail	4.000"W x 4.000"L x 36.000"H

FANS #1 (KEF-1), #2 (KEF-2) - DU180HFA EXHAUST FAN



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

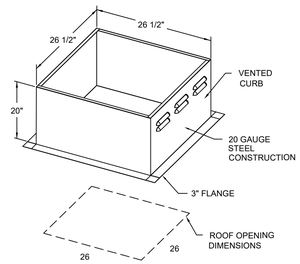
OPTIONS

GREASE BOX.
FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.

VERIFY PITCH CURB

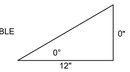
_____ : _____

Curb Pitch Required in order to manufacture the curb to specification.

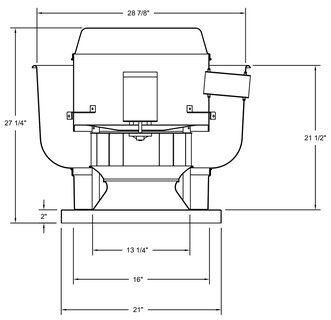


PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE



FAN #3 DU50HFA - EXHAUST FAN (KEF-3)

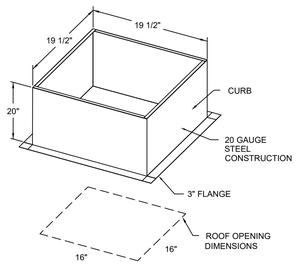


FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- UL705
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)

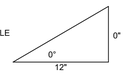
OPTIONS

ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL (TELCO MOTOR), CCW ROTATION.
SCR-13 BIRD SCREEN.
I 15-BDD DAMPER.

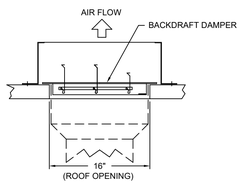


PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE



BACKDRAFT DAMPER INSTALLATION



REVISIONS

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www.capitveaire.com

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 4

MWKARCH
Architecture
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History
Arts
Michael Wilson Kelly – Architects, Ltd. –
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829-7667

Revisions:

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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

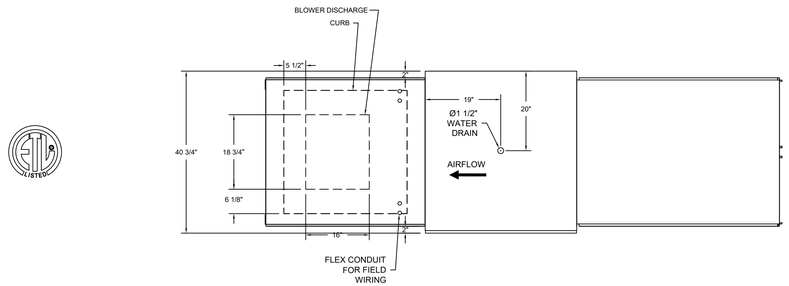
FOODSERVICE EXHAUST HOODS DRAWINGS

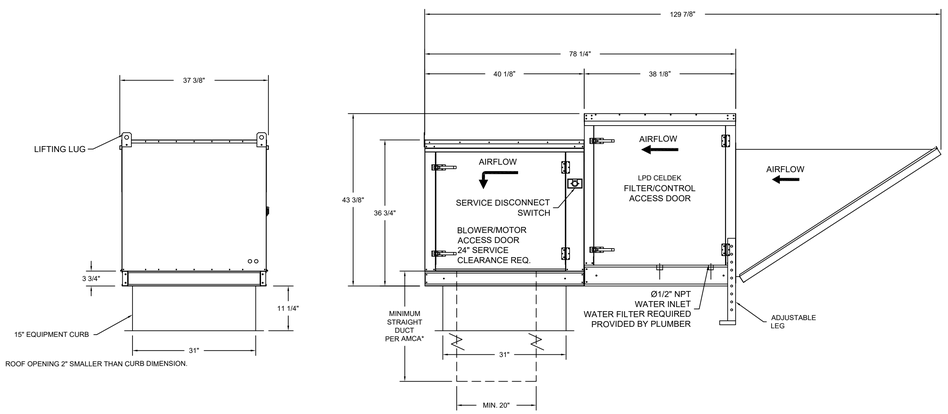
FS-5.4

FOODSERVICE CONSULTANT:
LANDMARK KITCHEN DESIGN, LLC
ARIZONA • NEW ENGLAND
TEL: (602) 443-0344
info@landmarkphx.com
www.landmarkphx.com

FAN #4 A2-20D - SUPPLY FAN (MUA-1)
1. UNTEMPERED SUPPLY UNIT WITH 20" DIRECT DRIVE FAN IN SIZE #2 HOUSING
2. EVAP COOLER (LPD CELDEK) – W/INTAKE HOOD W/EZ FILTERS
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT
4. 120V WIRING CONNECTION TO ENERGIZE EVAPORATIVE COOLERS FROM UNTEMPERED SUPPLY FANS.
5. SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREWIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.
SUGGESTED STRAIGHT DUCT SIZE IS 20" x 20"







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Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 5

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BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

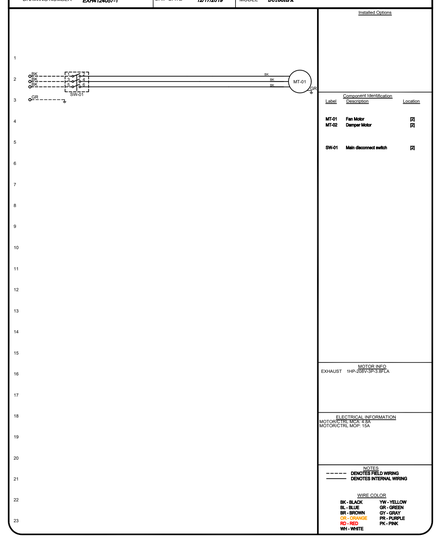
Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.5

Exhaust Fan Wiring

JOB	4124057 - Bucke...		
DRAWING NUMBER	EXH4124057-1	SHIP DATE	12/17/2019
MODEL	DCI1800EFA		



Installed Options

Component Identification		
Label	Description	Location
MT-01	Fan Motor	[2]
MT-02	Damper Motor	[2]
SW-01	Main disconnect switch	[2]

MOTOR INFO
EXHAUST 1HP-208VAC/1PH/1.8FLA

ELECTRICAL INFORMATION
MOTOR CIRCUIT MCP: 8.5A
MOTOR CTRL MCP: 15A

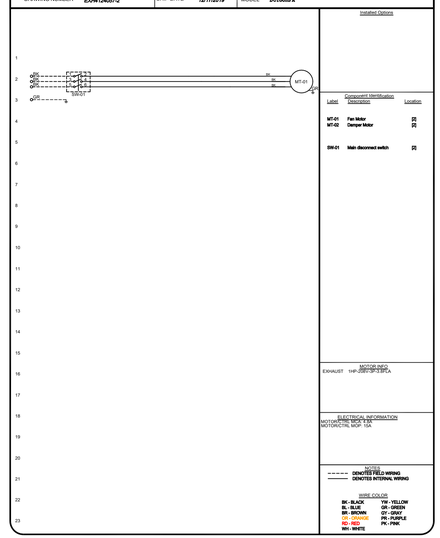
NOTES
DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PK - PURPLE
RD - RED	PK - PINK
WH - WHITE	

Exhaust Fan Wiring

JOB	4124057 - Bucke...		
DRAWING NUMBER	EXH4124057-2	SHIP DATE	12/17/2019
MODEL	DCI1800EFA		



Installed Options

Component Identification		
Label	Description	Location
MT-01	Fan Motor	[2]
MT-02	Damper Motor	[2]
SW-01	Main disconnect switch	[2]

MOTOR INFO
EXHAUST 1HP-208VAC/1PH/1.8FLA

ELECTRICAL INFORMATION
MOTOR CIRCUIT MCP: 8.5A
MOTOR CTRL MCP: 15A

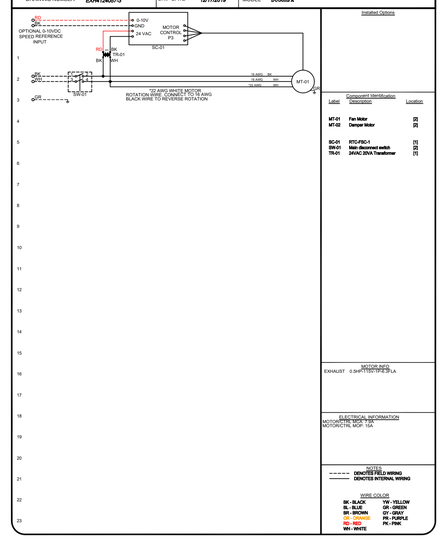
NOTES
DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PK - PURPLE
RD - RED	PK - PINK
WH - WHITE	

Exhaust Fan Wiring

JOB	4124057 - Bucke...		
DRAWING NUMBER	EXH4124057-3	SHIP DATE	12/17/2019
MODEL	DUS003FA		



Installed Options

Component Identification		
Label	Description	Location
MT-01	Fan Motor	[2]
MT-02	Damper Motor	[2]
SC-01	RTC-FSC1	[1]
SW-01	Main disconnect switch	[2]
TR-01	24VAC 20VA Transformer	[1]

MOTOR INFO
EXHAUST 0.5HP-277/1PH/1.2FLA

ELECTRICAL INFORMATION
MOTOR CIRCUIT MCP: 6A
MOTOR CTRL MCP: 15A

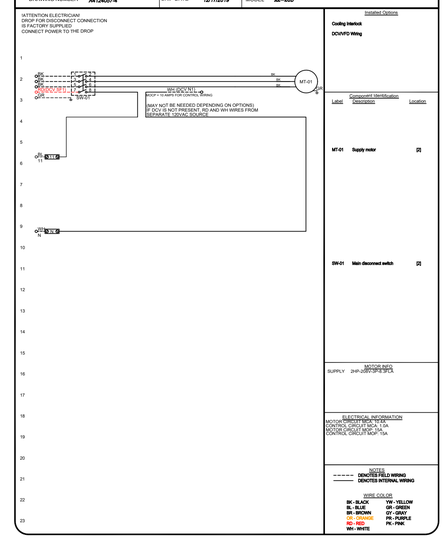
NOTES
DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PK - PURPLE
RD - RED	PK - PINK
WH - WHITE	

AirHandler Wiring

JOB	4124057 - Bucke...		
DRAWING NUMBER	A4124057-4	SHIP DATE	12/17/2019
MODEL	AS--30D		



MITSVISION ELECTRICIANS
TO PROVIDE AND MAKE CONNECTION
IS FACTORY SUPPLIED
CONNECT POWER TO THE DROP

SW-BOOSTER
(BOOST = 5 MIN FOR CONTROL TEMP)
(MAY NOT BE NEEDED DEPENDING ON OPTIONS)
IF DCV IS NOT PRESENT, R2 AND WH WIRES FROM SEPARATE 120VAC SOURCE

Installed Options

Cooling Interlock
DCV/VFD Wiring

Component Identification		
Label	Description	Location
MT-01	Supply motor	[2]
SW-01	Main disconnect switch	[2]

MOTOR INFO
SUPPLY 2HP-208VAC/3PH/6.6FLA

ELECTRICAL INFORMATION
MOTOR CIRCUIT MCP: 15A
MOTOR CIRCUIT MCP: 15A
CONTROL CIRCUIT MCP: 15A

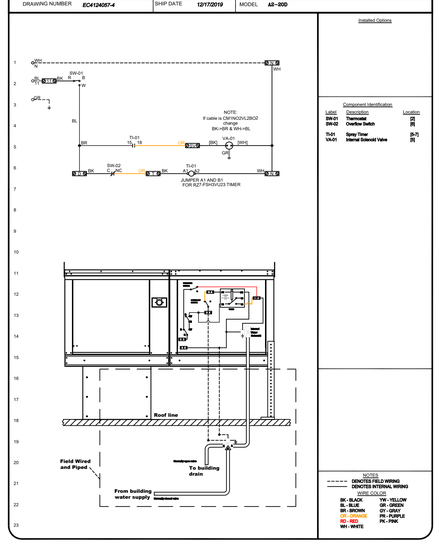
NOTES
DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PK - PURPLE
RD - RED	PK - PINK
WH - WHITE	

Evaporative Cooler Wiring

JOB	4124057 - Bucke...		
DRAWING NUMBER	EC4124057-4	SHIP DATE	12/17/2019
MODEL	AS--30D		



Installed Options

Component Identification		
Label	Description	Location
SW-01	Thermostat	[3]
SW-02	Overflow Switch	[1]
TI-01	Spray Timer	[S-7]
VA-01	Internal Solenoid Valve	[1]

NOTES
DENOTES FIELD WIRING
DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PK - PURPLE
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REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 6

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Revisions:

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

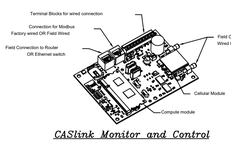
FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.6

ELECTRICAL PACKAGE – Job#4124057

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION
				LOCATION	QUANTITY	
1	42	DCV-2111	Utility Cabinet Right	04 - Utility Cabinet Right	1 Light	Smart Controls DCV
				Hood # 2	1 Fan	

FANS CONTROLLED					
FAN TAG	TYPE	Φ	H.P.	VOLT	FLA
KEF-1	Exhaust	3	1.000	208	3.8
KEF-2	Exhaust	3	1.000	208	3.8
MUA-1	Supply	3	2.000	208	8.3



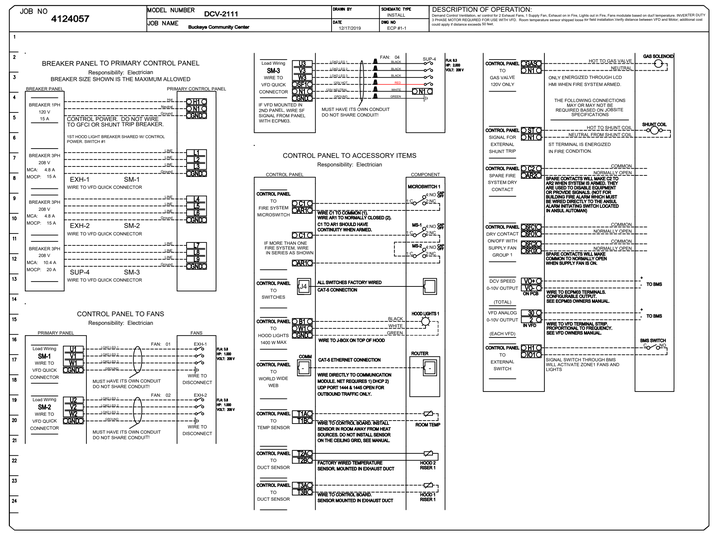
CASlink Monitor and Control

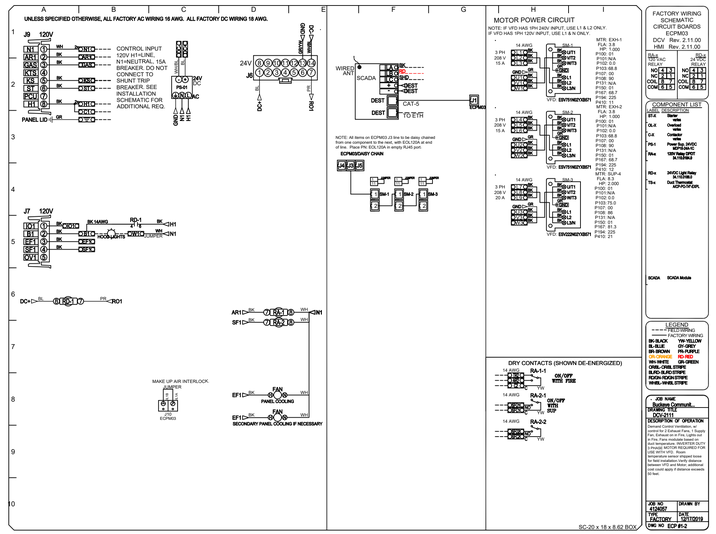
- Hood control panel to support communications to cloud-based Building Management System.
- Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
- Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
- Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

MONITORING AND CONTROL POINTS LIST

DCV Packages	Function
Room Temperature	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR
Fan Amperage	MONITOR
Fan Power	MONITOR
VFD Faults	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
Fire System	MONITOR
Building Pressures	MONITOR
Fan Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

SC Packages	Function
Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Fans Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

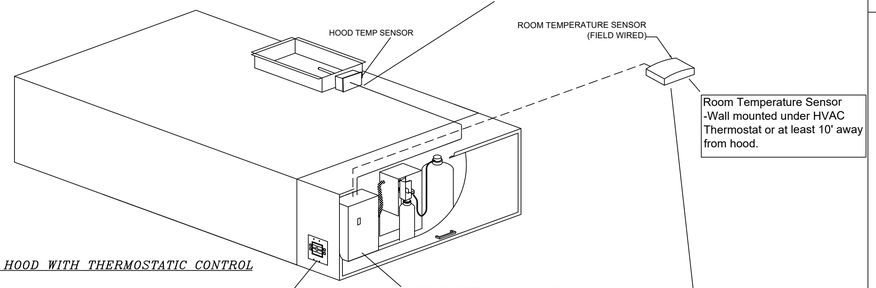




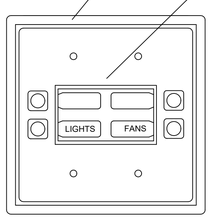
TEMPERATURE SENSOR INTERLOCK

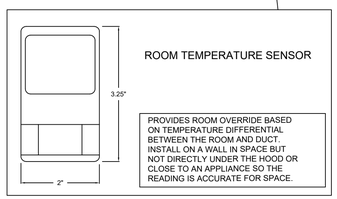
THE TEMPERATURE SENSOR INTERLOCK OPTION COMPLIES WITH IMC 507.2.1.1 AND NFPA 96 11.1.1 BY INTERLOCKING WITH COOKING APPLIANCES THROUGH MEANS OF A HEAT SENSOR TO AUTOMATICALLY ACTIVATE EXHAUST FANS DURING COOKING OPERATIONS.

IF EXHAUST RISER IS FIELD CUT OR MULTIPLE HOODS ARE INSTALLED, THE DUCT STAT/STATS WILL BE WIRED IN THE FIELD BY CONTRACTOR



TYPICAL HOOD WITH THERMOSTATIC CONTROL





Demand Control Ventilation Hood Control Panel Specifications:

- Controls shall be listed by ETL (UL 508A) and shall comply with demand ventilation system turndown requirements outlined in IECC 403.2.8 (2015).
- The control enclosure shall be NEMA 1 rated and listed for installation inside of the exhaust hood utility cabinet. The control enclosure may be constructed of stainless steel or painted steel.
- Temperature probe(s) located in the exhaust duct riser(s) shall be constructed of stainless steel.
- A digital controller shall be provided to activate the hood exhaust fans dynamically based on a fixed differential between the ambient and duct temperatures sensors. This function shall meet the requirements of IMC 507.1.1.
- A digital controller shall provide adjustable hysteresis settings to prevent cycling of the fans after the cooking appliances have been turned off and/or the heat in the exhaust system is reduced.
- A digital controller shall provide an adjustable minimum fan run-time setting to prevent fan cycling.
- Variable Frequency Drives (VFDs) shall be provided for fans as required. The digital controller shall modulate the VFDs between a minimum setpoint and a maximum setpoint on demand. The duct temperature sensor input(s) to the digital controller shall be used to calculate the speed reference signal.
- The VFD speed range of operation shall be from 0% to 100% for the system, with the actual minimum speed set as required to meet minimum ventilation requirements.
- An internal algorithm to the digital controller shall modulate supply fan VFD speed proportional to all exhaust fans that are located in the same fan group as the supply fan.
- The system shall operate in PREP MODE during light cooking load or COOL DOWN MODE when sufficient heat remains underneath the hood system after cooking operations have completed. Operation during either of these periods will disable the supply fans and provide an exhaust fan speed that is equal to the minimum ventilation requirement.
- A digital controller shall disable the supply fan(s), activate the exhaust fan(s), activate the appliance shunt trip, and disable an electric gas valve automatically when fire condition is detected on a covered hood.
- A digital controller shall allow for external BMS fan control via Dry Contact (external control shall not override fan operation logic as required by code).
- An LCD interface shall be provided with the following features:
  a. On/Off push button fan & light switch activation
  b. Integrated gas valve reset for electronic gas valves (no reset relay required)
  c. VFD Fault display with audible & visual alarm notification
  d. Duct temperature sensor failure detection with audible & visual alarm notification
  e. Mis-wired duct temperature sensor detection with audible & visual alarm notification
  f. A single low voltage Cat-5 RJ45 wiring connection
  g. An energy savings indicator that utilizes measured kWh from the VFDs

Sequence of Operations:

The hood control panel is capable of operating in one or more of the following states at any given time:

- Automatic: The system operates based on the differential between room temperature and the temperature at the hood cavity or exhaust duct collar. Fans activate at a configurable temperature differential threshold. Depending on the job configuration each fan zone can be configured as static or dynamic. These terms refer to whether a variable motor (such as EC Motors or VFD driven motors) modulate with temperature. If the panel is equipped with variable speed fans and the zone is defined as "dynamic", these will modulate within a user-defined range based on the temperature differential. Panels equipped with variable speed fans and a fan zone defined as "static", fans will run at a set speed calculated for the drive. Demand control ventilation systems are capable of modulating exhaust and make up air fan speeds per the requirements outlined in IECC 403.2.8.
- Manual: The system operates based on human input from an HMI.
- Schedule: A weekly schedule can be set to run fans for a specified period throughout the day. There are three occupied times per day to allow for the user to set up a time that is suitable to their needs. Any time that is within the defined occupied time, the system will run at modulation mode and follow the fan procedure algorithm based on temperature during this time. During unoccupied time, the system will have an extra offset to prevent unintended activation of the system during a time where the system is not being occupied.
- Other: The system operates based on the input from an external source (DDC, BMS or hard-wired interlock)

REVISIONS	
DESCRIPTION	DATE:

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FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.7

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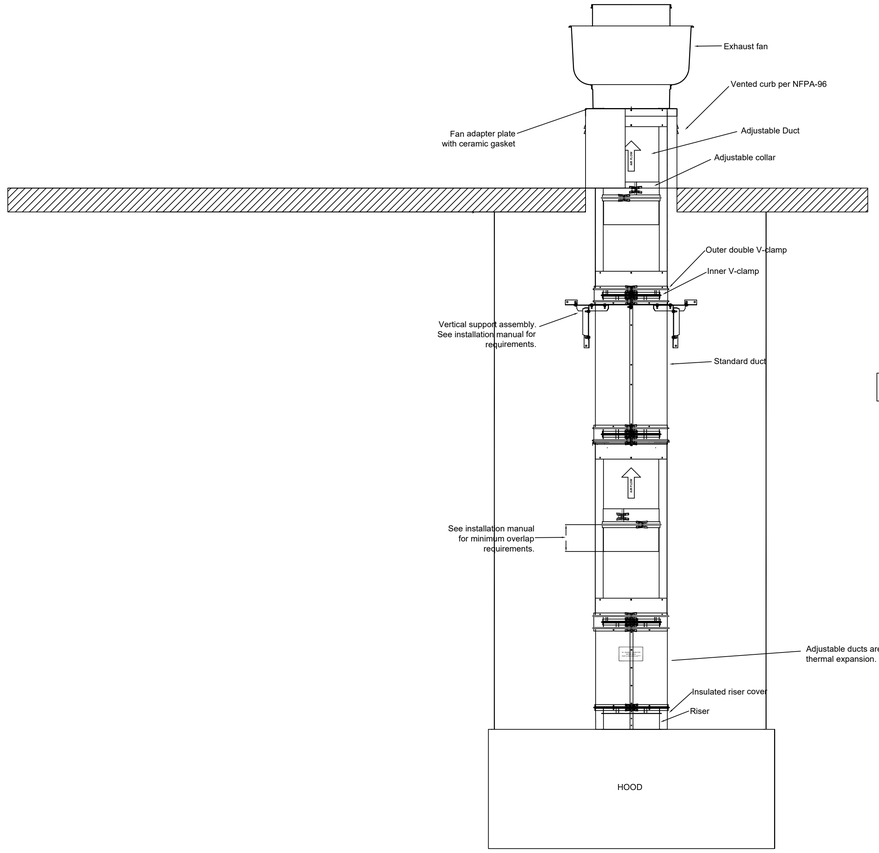

FACTORY BUILT DOUBLE WALL DUCT
TESTED/LISTED TO UL 1978 STANDARD

Duct run shown is for example purposes only.
See mechanical plans for additional information.

Additional information including installation manual available at www.captiveaire.com.

FACTORY BUILT DOUBLE WALL GREASE DUCT MODEL DW-2R SPECIFICATION:

FURNISH DOUBLE WALL, FACTORY BUILT GREASE DUCT FOR USE WITH TYPE I KITCHEN HOODS, WHICH CONFORMS TO THE REQUIREMENTS OF NFPA-96. PRODUCTS SHALL BE ETL LISTED TO UL-1978 AND UL-2221 FOR VENTING AIR AND GREASE VAPORS FROM COMMERCIAL COOKING OPERATION. TESTING HAS BEEN EXTENDED TO RECOGNIZE ASTM E2336 AND AC101 DUE TO SIMILAR TESTING CRITERIA. MODELS DW-2R, 3R AND 3Z ARE USED FOR CONSTRUCTION OF GREASE DUCTS AS REQUIRED BY NFPA-96 AND IMC. REFER TO NFPA-96, 91 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS. DOUBLE WALL GREASE DUCTS ARE LISTED FOR A CONTINUOUS INTERNAL TEMPERATURE OF 500 DEGREES F AND INTERMITTENT TEMPERATURES OF 2000 DEGREES F.
THE DUCT SECTIONS SHALL BE CONSTRUCTED OF AN INNER DUCT WALL AND AN OUTER WALL WITH INSULATION IN BETWEEN. THE INNER DUCT WALL SHALL BE CONSTRUCTED OF .036 INCH THINK, 430 TYPE STAINLESS STEEL AND BE AVAILABLE IN DIAMETERS 8" THROUGH 24". THE OUTER WALL SHALL BE CONSTRUCTED OF STAINLESS STEEL AT A MINIMUM OF .024 INCH THICKNESS. THE DUCT, BASED ON MODEL NUMBER, SHALL INCLUDE LAYERS OF SUPER WOOL 607 PLUS INSULATION BETWEEN THE INNER AND OUTER WALL. GREASE DUCT JOINTS SHALL BE HELD TOGETHER BY MEANS OF FORMED V CLAMPS AND SEALED WITH 3M FIRE BARRIER 2000+. THE DUCT WALL ASSEMBLY SHALL BE TESTED AT 3/4" OR ZERO INCH CLEARANCE, ACCORDING TO CLASSIFICATIONS.

CLASSIFICATIONS AND CLEARANCES
UL 2221: STANDARD FOR FIRE RESISTIVE GREASE DUCT ENCLOSURE ASSEMBLIES. CHAPTER 7 OF THIS STANDARD REFERENCES A TEST LABELED INTERNAL FIRE TEST. SECTION 7.1.1 REFERENCES TWO INSTALLATION CONDITIONS, CONDITION A AND CONDITION B. CONDITION A REPRESENTS ALL INSTALLATION CONDITION EXCEPT FOR INSTALLATION WITHIN NON-VENTILATEDCOMBUSTIBLE ENCLOSURES. CONDITION B REPRESENTS INSTALLATION WITHIN A NON-VENTILATED COMBUSTIBLE ENCLOSURE.

MODEL DW-2R IS CLASSIFIED UNDER UL2221 AS AN ALTERNATE TO 2-HR FIRE RESISTIVE SHAFT ENCLOSURES WITH A REDUCED CLEARANCE TO COMBUSTIBLES (SIZES 8" TO 16" DIAMETER). MODEL 2R IS LISTED IN ACCORDANCE WITH THE REQUIREMENTS FOR DUCT ENCLOSURE CONDITION B.

MODEL DW-2R: 3/4" CLEARANCE TO COMBUSTIBLES FROM THE SURFACE OF THE DUCT OUTER SHELL; ZERO INCH CLEARANCE FROM COMBUSTIBLES FROM THE TIP OF THE OUTER V BAND.

DOUBLE WALL GREASE DUCT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S "INSTALLATION, OPERATION AND MAINTENANCE MANUAL." ETL LISTING, STATE AND LOCAL CODES. FANS SHALL BE SUPPORTED INDEPENDENTLY FROM THE GREASE DUCT SECTIONS. PROTECT GREASE DUCT FROM TWISTING OR MOVEMENT CAUSED BY FAN TORQUE OR VIBRATION.

CERTIFICATIONS:
THE DW-2R SERIES HAS BEEN CERTIFIED BY ITS. THIS CERTIFICATION MARK INDICATES THAT THE PRODUCT HAS BEEN TESTED TO AND HAS MET THE MINIUM REQUIREMENTS OF A WIDELY RECOGNIZED (CONSENSUS) U.S. AND CANADIAN PRODUCTS SAFETY STANDARD. THAT THE MANUFACTURING SITE HAS BEEN AUDITED, AND THAT THE APPLICANT HAS AGGREED TO A PROGRAM OF PERIODIC FACTORY FOLLOW-UP INSPECTIONS TO VERIFY CONTINUED PERFORMANCE.

2R

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

CAPTIVEAIRE
Arizona Office
1717 E. Bell Road, SUITE 12, Phoenix, AZ. 85022 PHONE: (480) 926-6810 FAX: (877) 719-2227 EMAIL: reg93@captiveaire.com
www.captiveaire.com

Buckeye Senior Center
201 E Centre Avenue,
BUCKEYE, AZ, 85326

DATE: 12/17/2019

DWG.#: 4124057

DRAWN BY: tim.mathis

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 8

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Architecture
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Interiors
History
Arts
Michael Wilson Kelly – Architects, Ltd. –
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829-7667

Revisions:
△
△
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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE EXHAUST HOODS DRAWINGS

FS-5.8

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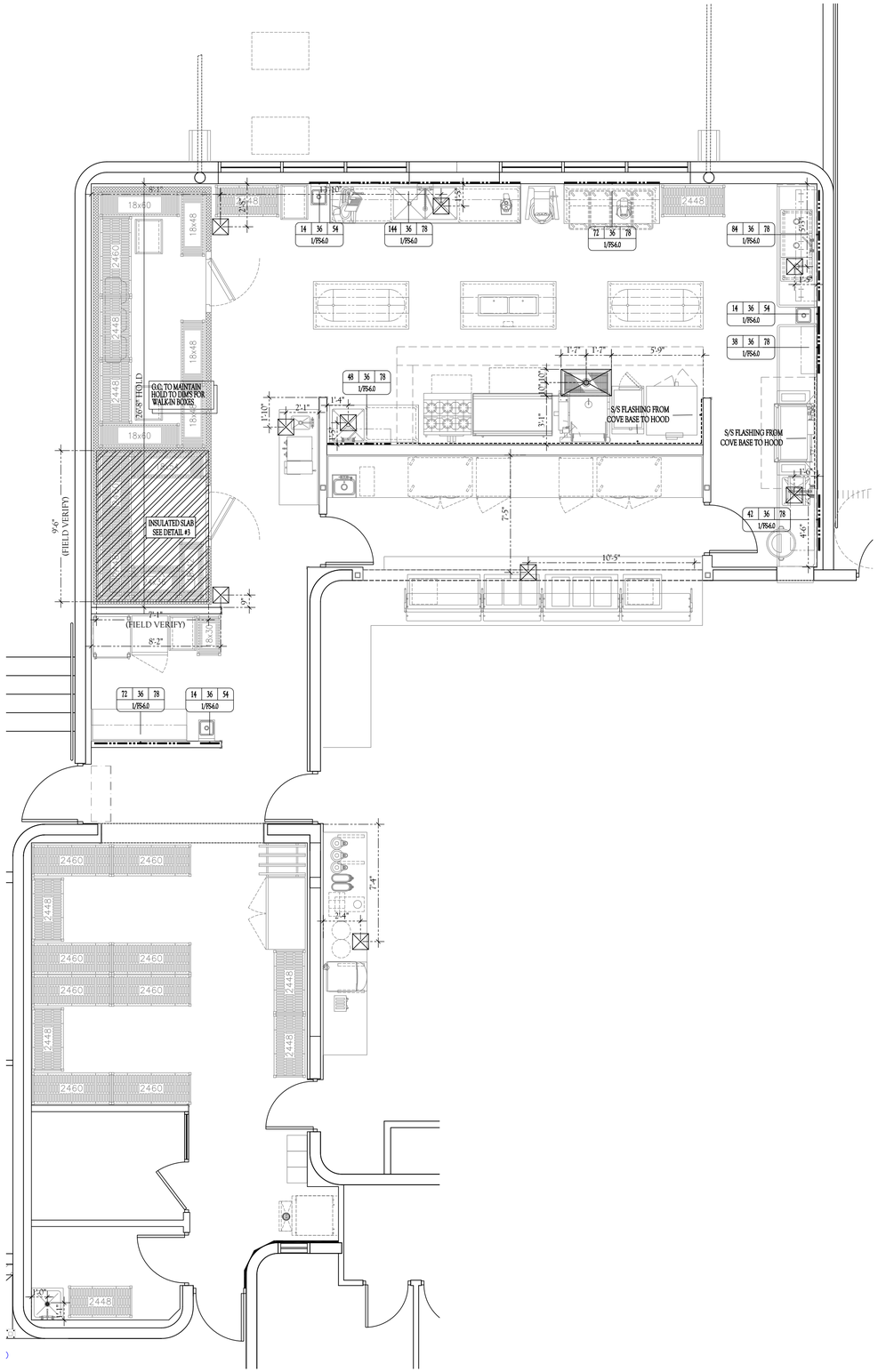
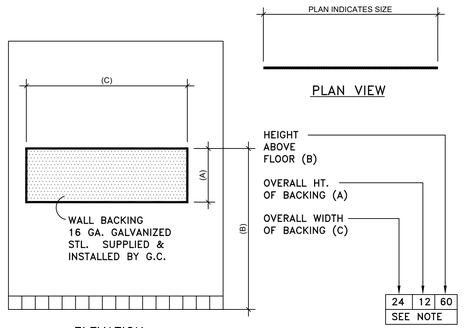


SYMBOLS

WALL BACKING FOR EQUIPMENT ABOVE 36" (BY GENERAL CONTRACTOR)

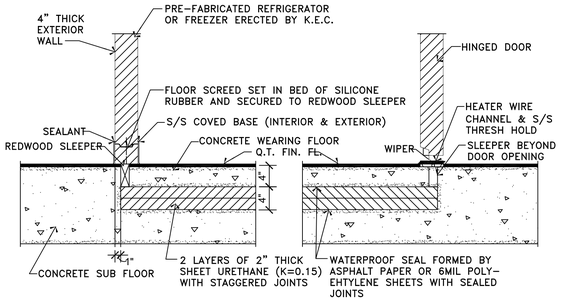
S/S WALL FLASHING (BY K.E.C.)



ELEVATION

* NOTE: WALL BACKING LENGTHS ARE MINIMUM. ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION. SEE BUILDING CONDITIONS PLAN.

1 – EQUIPMENT WALL BACKING DETAIL



TYPICAL AT DOOR LOCATION

3 – INSULATED SLAB DETAIL

NOT TO SCALE

KITCHEN EXPANSION SPECIAL CONDITIONS PLAN

SCALE: 1/4" = 1'-0"

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Revisions:

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
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SK/DK	SK
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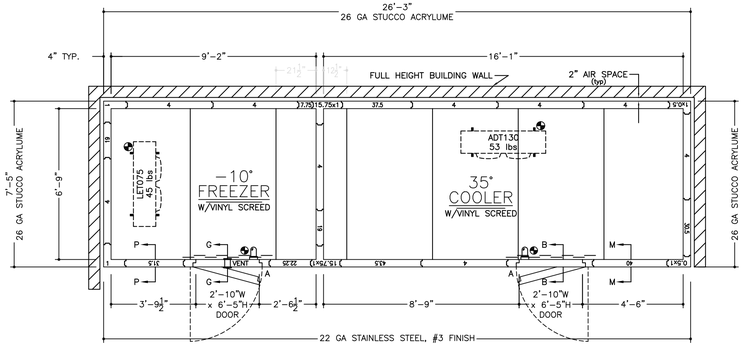
2019.12	10JUNE2020

FOODSERVICE SPECIAL CONDITIONS PLAN

FS-6.0



FREEZER DOOR	
DOOR FRAME KW#/DAY	2.016
COOLER DOOR	
DOOR FRAME KW#/DAY	0.312

INSULATION R-VALUES		
PANEL TYPE	COOLER	FREEZER
4" WALLS, ROOFS & DOORS	R-29	R-32
5" WALLS, ROOFS & DOORS	R-36	R-40
FLOORS	R-25	R-28

~SPECIFICATIONS~

BOX HEIGHT: FREEZER – 8'-4" OVERALL (8'-2" INTERIOR)
COOLER – 8'-6" OVERALL (8'-2" INTERIOR)

CONSTRUCTION: FOAMED IN PLACE
NSF LISTED, STANDARD NO. 7

INSULATION: 4" URETHANE, FINISHED PANEL
UL CLASSIFIED FLAME SPREAD 20
CORE SMOKE DEVELOPED 250

INSTALLATION: INDOOR

FLOOR: (SEE DETAILS) FREEZER – FLOORLESS (VINYL SCREED PROVIDED)
INSULATED SLAB (SLAB, VISQUEEN & INSULATION BY OTHERS)
COOLER – FLOORLESS (VINYL SCREED PROVIDED)

DOOR HARDWARE & ACCESSORIES: DEADBOLT HANDLE W/KEYED CYLINDER LOCK, PADLOCK PROVISION & QUARTER TURN INSIDE RELEASE (EXTERIOR DOORS ONLY)

EACH DOOR:
FRAME HEATER WIRE
HYDRAULIC DOOR CLOSER
IC WALK-IN DOOR CONTROLLER AND ALARM SYSTEM INCLUDING:
DIGITAL THERMOMETER WITH 3 DIGIT LED DISPLAY
HIGH AND LOW TEMPERATURE ALARM WITH INTEGRATED BUZZER
AIR TEMPERATURE PROBE
INTEGRATED LIGHT SWITCH WITH AUTOMATIC LIGHT OFF
CONNECTION TO REMOTE LIGHT SWITCH
DOOR AND WINDOW HEATER CONTROL
ADAPTIVE SETTINGS
KASON SCREW-IN VAPOR PROOF LIGHT FIXTURE
W/8.5 WATT SYLVANIA LED BULB & GLOBE
STRIP CURTAIN
3 – STD. CAM RISE HINGES
KASON #1825 PRESSURE RELIEF VENT (FREEZER DOOR ONLY)
SLAM BRACES

ACCESSORIES: (SHIPPED LOOSE) 3 – KASON #1809 LOW PROFILE HIGH IMPACT LED VAPOR PROOF LIGHT FIXTURE(S) @ 29w EACH

METAL FINISHES: INTERIOR WALLS & CEILING – WHITE 26 GA STUCCO GALVANIZED
EXPOSED EXTERIOR – 22 GA STAINLESS STEEL, #3 FINISH
UNEXPOSED EXTERIOR – 26 GA STUCCO ACRYLUME
EXTERIOR CEILING – 26 GA STUCCO ACRYLUME

REFRIGERATION: U.L. LISTED, AIR COOLED, OUTDOORS

FREEZER: CONDENSING UNIT: 1 – STD. PRE-ASSEMBLED REMOTE – HERMETIC
2.50 HP MODEL NO. AWA2510ZXTXC (R-448A)
EVAPORATOR: 1 – MODEL NO. LET075 W/E.C. MOTORS & Q.R.C.

COOLER: CONDENSING UNIT: 1 – STD. PRE-ASSEMBLED REMOTE – HERMETIC – SCROLL
1.50 HP MODEL NO. FTAF-0172 (R-448A)
EVAPORATOR: 1 – MODEL NO. ADT130 W/E.C. MOTORS & Q.R.C.

REFRIGERATION ACCESSORIES: 2 – WINTERIZATION CONTROLS
2 – COMPRESSOR COVERS
2 – COMPRESSOR MOUNTING STANDS

NOTE: THE LARGEST ROOF PANEL ON THIS JOB IS 46.5" x 89".
NOTE: THE LARGEST DOOR PANEL ON THIS JOB IS 46" x 98".
CUSTOMER IS TO VERIFY THAT THIS PANEL SIZE WILL NOT CONFLICT WITH ANY JOB SITE RESTRICTIONS.
NOTE: CUSTOMER IS TO VERIFY ALL DIMENSIONS, SECTIONS, DETAILS AND SPECIFICATIONS

ELECTRICAL DATA		
⊕ = POINT OF ELECTRICAL CONNECTIONS.		
FREEZER		
CONDENSING UNIT:	208-230v/60/3ø	13.7 UNIT AMPACITY
EVAPORATOR:	208-230v/60/1ø	1.4/8.2 AMPS
COOLER		
CONDENSING UNIT:	208-230v/60/3ø	14.4 UNIT AMPACITY
EVAPORATOR:	208-230v/60/1ø	1.0 AMPS
WALK-IN DOORS:	115v/1ø – 350w*	

*NOTE: ADD WATTAGE FOR EACH ADDITIONAL LIGHT FIXTURE IN ACCESSORIES.

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☐ REVISE & RESUBMIT DATE _____

1) Please verify that door swing and location are correct.

2) If this walk-in is to be installed in a depression, or quarry tile is to be applied to the interior, depression depths or tile thickness must be specified to insure proper door height.

3) All site preparation, floor or slab construction, plumbing, electrical connections (including control wiring) by others.

4) ⊕ Electrical: 115–60–1 required above latch side of each door, through ceiling, to operate frame heater and light.

5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.

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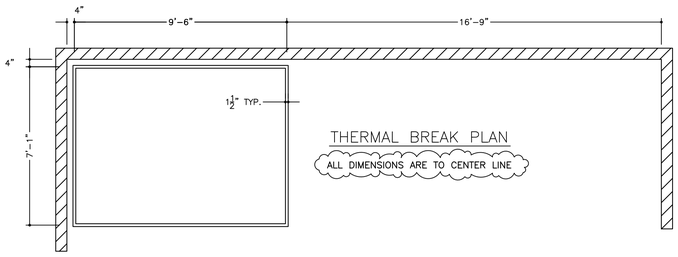
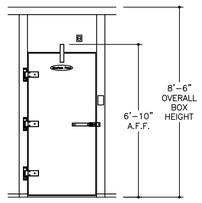
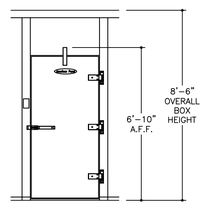
CUSTOMER: LANDMARK KITCHEN DESIGN, L.L.C.
PROJECT: BUCKEYE COMMUNITY CENTER – BUCKEYE, AZ
DATE: 12/20/19 | DRAWN BY: JG/JE | P.O.#:
SCALE: 5/16"=1'-0" | PROPOSAL#: PD189344 | JOB#: | SHEET 1 of 2



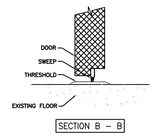
THERMAL BREAK PLAN
ALL DIMENSIONS ARE TO CENTER LINE



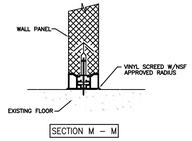
FREEZER DOOR ELEVATION



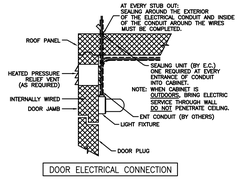
COOLER DOOR ELEVATION



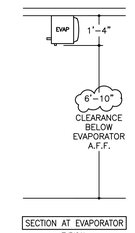
SECTION B – B



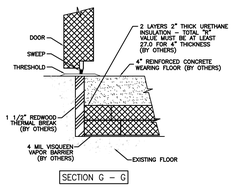
SECTION M – M



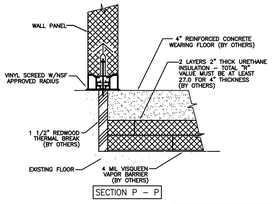
DOOR ELECTRICAL CONNECTION



SECTION AT EVAPORATOR
TYPICAL



SECTION G – G



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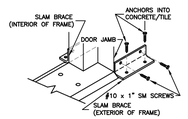

SLAM BRACE
COMPARTMENT W/SCREED

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CUSTOMER: LANDMARK KITCHEN DESIGN, L.L.C.
PROJECT: BUCKEYE COMMUNITY CENTER – BUCKEYE, AZ
DATE: 12/20/19 | DRAWN BY: JG/JE | P.O.#:
SCALE: 5/16"=1'-0" | PROPOSAL#: PD189344 | JOB#: | SHEET 2 of 2

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Revisions:
1
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3
4

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

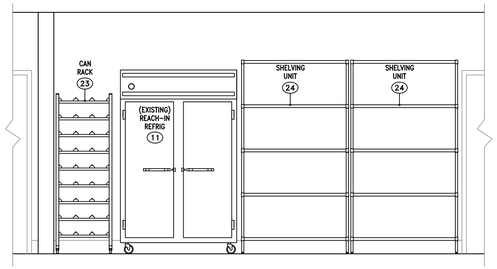
Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE WALK-IN COOLER SHOP DRAWINGS

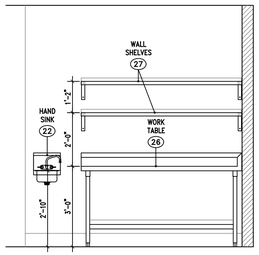
FS-6.1

CS Senior Center Kitchen - CDBF21BK
Contract 20220I2
GCON, Inc.

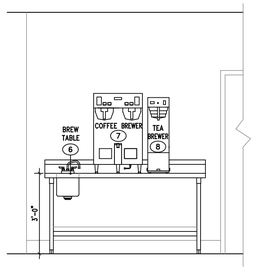
930



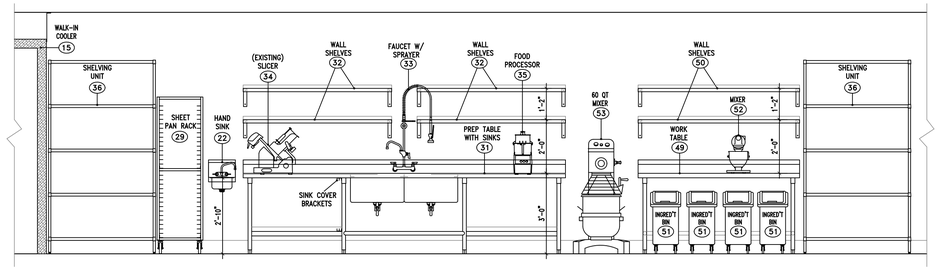
A FS-1.0 STORAGE ELEVATION 1/2"=1'-0"



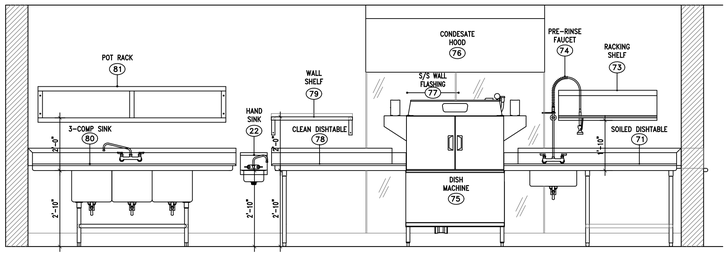
B FS-1.0 WORK TABLE ELEVATION 1/2"=1'-0"



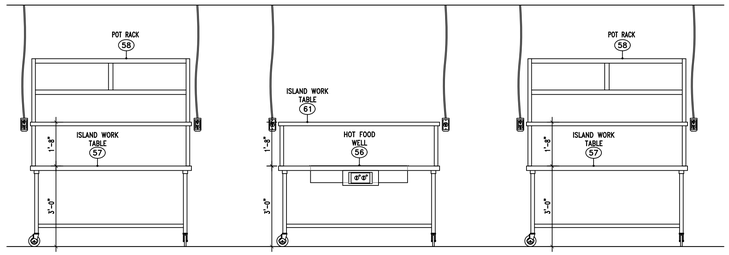
C FS-1.0 WORK TABLE ELEVATION 1/2"=1'-0"



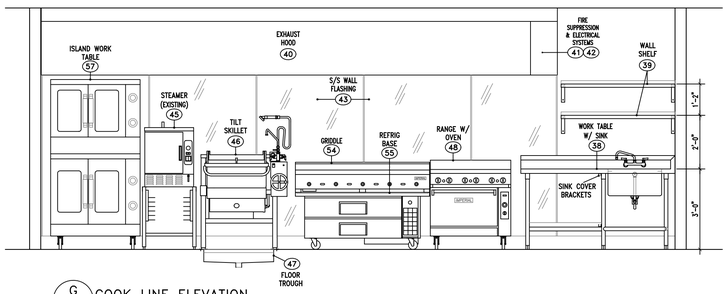
D FS-1.0 PREP ELEVATION 1/2"=1'-0"



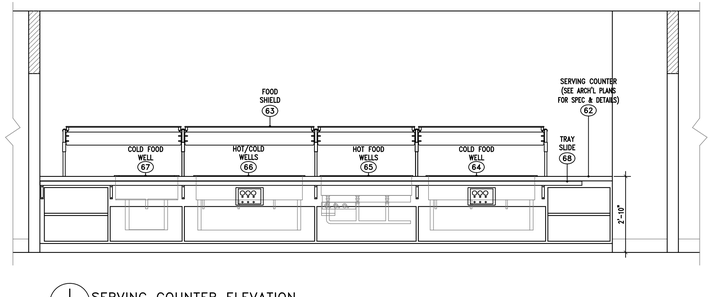
E FS-1.0 WARE WASH ELEVATION 1/2"=1'-0"



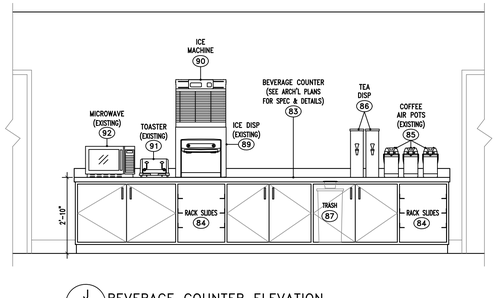
F FS-1.0 PREP ISLAND TABLES ELEVATION 1/2"=1'-0"



G FS-1.0 COOK LINE ELEVATION 1/2"=1'-0"



I FS-1.0 SERVING COUNTER ELEVATION 1/2"=1'-0"



J FS-1.0 BEVERAGE COUNTER ELEVATION 1/2"=1'-0"

KITCHEN EXPANSION EQUIPMENT ELEVATIONS
SCALE: 1/2" = 1'-0"

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KITCHEN ADDITION
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Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE EQUIPMENT ELEVATIONS

FS-7.0

GENERAL CONTRACTOR NOTES:

1. General Contractor to cut and provide holes through ceiling,roofs, walls and floors for ducts, refrig. lines etc. in accordance with local fire and building codes and in accordance with duct sizes specified. General Contractor to provide the resealing of all holes (including the "moping–in" of fan curbs and roof jacks.) General Contractor to provide all duct fire separation enclosures, wrappings, etc. as may be required by local building and fire codes.

2. Where noise or vibration producing equipment (dish machine, disposer, etc. is located adjacent to dining areas and/or any public areas. Provisions should be made by the General Contractor to "double stud" and sound proof common walls.

3. All roof curb and roof jacks to be provided, located and installed by G.C. including resealing of roof and roof penetrations.

4. "FS" Drawings are provided for the sole purpose of indicating outlet locations and equipment requirements only and do not relieve the General Contractor or subcontractor of the responsibility of complying with all applicable codes. Please see architect's drawings for all other requirements and codes.

5. It is the responsibility of the Owner, Architect and/or General Contractor to inform the K.E.C. in writing, any and all changes and all addendums to plans which are made prior to and during construction. K.E.C. assumes no responsibility for equipment deviations of size and/or utilities from lack of this information. The Owner will be responsible for all cost incurred by failure to give K.E.C. notice of changes.

6. Last dated revisions void all previous plans.

7. General Contractor to provide floor recesses (flat and level). Vapor Barriers and built in insulated floors (as shown on plans). If applicable.

8. Floor finish, cove base and interior cove in walk–in boxes to be provided by General Contractor unless otherwise specified by K.E.C.

9. Sleeves & Conduits to be provided by General Contractor in walls, floors & ceiling for lines (drains, refrigeration, etc.) to pass through and G.C.to reseal after lines are run.
   All conduit to be round metal, transite, P.V.C. or equal diameter as indicated on plan, minimum bending radius to be 24", factory "L's" will not be permitted. Conduit to meet local codes.

10. General Contractor to provide access to hoods at area above hoods for mounting of hood supports. If access is not provided, General Contractor to provide hood supports.
    All roof curb & jacks to be provided, located & installed by G.C., including resealing of roof & roof penetrations.

11. General Contractor to provide sprinkler heads in walk–in boxes and adequately protected against freezing.

12. Removal of window glass, window frames, doors, door frames and center post for entry of equipment shall be the responsibility of the General Contractor and at no expense to K.E.C. if necessary.

13. General Contractor to provide all wall backing per location and specification by K.E.C.

14. All dimensions shown are measured from finished walls, floors, ceilings and/or column to center lines of stubs or outlets. Allowances shall be made for miscellaneous obstructions, structures, venting, electrical, plumbing and thickness of finishes when framing and/or roughing–in as required.

15. When equipment is noted as existing or by vendor, utility requirements should match as indicated on the manufacturer's data plate. If existing equipment is not relocated, reconnect as required by code.

16. Where indicated to connect in or through valve compartment, contractor shall stub–up into valve compartment at height indicated on rough–in plan, cap their work and make final connections after equipment is in place.

17. General Contractor to provide all duct chases from hood thru roof, sized & constructed, conforming to codes.

18. General Contractor to provide waste container at job site for K.E.C.

19. Slope floors to floor drains.

20. Provide door wall openings and or passages to assure access for all kitchen equipment and front end items. Coordinate sizes with K.E.C.

21. Provide walk–in refrigerator/freezer depressions, to detail.

22. G.C. to provide enclosures from top of walk–in to ceiling (if required).

23 G.C. to provide enclosures from top of exhaust hood to ceiling (if required).

24. Provide coved base–molding or coved integral floor materials as required at all vertical surfaces for kitchen floors.

VENTILATION NOTES

1. Mechanical Contractor to provide fans, duct work, (all welding of hood and duct required) controls, duct collar, final connection, hanging of hoods, permits and make–up air equipment. The above furnished by H.V.A.C. contractor unless noted on drawing or contracted with K.E.C.

2. Mechanical contractor (H.V.A.C.) to balance exhaust system.

3. All duct collars, cutouts and penetrations in hoods to be located and provided by Mechanical Contractor in field.

REFRIGERATION CONTRACTORS NOTES

1. Refrigeration line to be installed and protected from damage.
   Refrigeration lines for walk–in refrigerators & freezers, to run overhead and drop down from compressors to evaporators.

2. All built–in walk–in refrigeration boxes shall be complete with insulation with proper vapor barrier and interior lights and switches outside. Electrical connection and mounting by E.C.

3. Do Not Scale. Use written dimensions shown on "K" plans.

FIRE PROTECTION SYSTEM NOTES

1. Where indicated on drawings a dry or liquid chemical system shall be provided to protect all cooking exhaust hoods, ducts, and cooking appliances against fire and re–flash by a fire control system. The size and number of systems shall be in conformance with N.F.P.A Pamphlet 96, and local and state codes. The system shall be installed by authorized installers.

2. The system shall be of the cartridge operated type, automatic actuated or be manually operable at the nozzle release and a remote manual pull operator shall be located as shown on the drawing. Actuation of the system shall provide automatic gas and/or electric fuel line cut–off.

3. Electrically controlled or manually controlled gas solenoid valve shall be installed by the plumbing contractor. The electrical contractor shall furnish and install line voltage wiring and conduit from cut–off relay to solenoid valve and connect cut–off relay and solenoid valve as required.

4. Electrical cooking equipment shall be shutoff at the electrical panel by means of shunt trips. Electrical contractor shall furnish and install shunt trips, line voltage wiring and conduit from fir protection micro–switch, or equivalent, to panels, to meet all local codes.

5. All hand held fire extinguishers to be provided by General Contractor.

MASONRY CONTRACTORS NOTES

1. All curbs & or recessed mat area dimensions are finished dimensions. Verify face and top finishes (where curb is exposed) with Architect, General Contractor or Owner.

2. All curb heights to be taken from finished floor to top of finished curb.

3. All curb dimensions are taken from finished wall to face of finished curb, or from finished face of curb to finished face of curb.

4. Provide a 3" – 4" radius cove where finished face of curb intersects the finished floor.

5. See Plumbing plan(s) for exact location of floor sinks and floor drains. Verify with P.C.

6. Do Not Scale, Use written dimensions shown on "K" plans.

7. Provide masonry curbs with trowel–smooth and level finish as required.

PLUMBING CONTRACTOR NOTES

1. All rough–ins related to foodservice equipment only. Please see architectural/engineering plans for additional plumbing requirements and codes.

2. Final connections to all equipment to be by plumbing contractor, ALL required materials, such as stops, valves, filters, check valves, pressure reducing valves, gate valves, solenoid valves, syphon breakers, piping, tubing, misc. fittings, traps, etc. shall be supplied by the Plumbing Contractor unless otherwise specified.

3. Water quality requirement. The recommended minimum water quality standards whether untreated or pre–treated, based upon 10 hours of use per day, and a daily blow–down, are as follows:

   A. Total dissolved solids less than 300 parts per million
   B. Total alkalinity less than 85 parts per million
   C. Silica less than 13 parts per million
   D. pH Factor greater than 7.5

4. Verify all plumbing rough–ins and location with owner, vendor or G.C. on existing equipment or other equipment not provided by K.E.C.

5. Plumbing Contractor to Furnish and Install the following as per code:

   A. All water, waste, gas, and steam service to point of rough–in as shown on plan. Rough–in outlets to stub 4" out of walls at height indicated from finished floor to center line of outlet.
   B. Pressure reducing and/or regulating valves for dishwashers, booster heaters, and as otherwise noted, in kitchen areas.
   C. All floor sinks, complete with top grates, and removable sediment buckets set flush with finished floor, unless noted or as per local code.
   D. All waste lines, direct or indirect, except as noted, shall be pitched downward. All waste lines shall have adequate clean–out provisions.
   E. Indirect waste lines for walk–in refrigerators/freezers, pitched 4"/12" (minimum) and with a "P" trap at end over floor sink as required by local code.
   F. Heater tape, with 35 watts per lineal foot of drain line, and insulation of all drain lines inside freezer compart–ments.
   G. Install in an accessible location the fire control gas shutoff valve as supplied by Fire Protection System Supplier. (If gas cooking equipment is used).
   H. Vacuum breakers as required.
   I. Insulation of all steam, hot water and condensate lines in kitchen.
   J. Clean–out valves for steam condensate, and air lines.
   K. All piping condensate & drain lines, to and from equipment must be kept a minimum of (6") above finished floor to allow for cleaning, & or prevailing local code.
   L. In line water filters are recommended for the following equipment: (Water filter by P.C. unless otherwise noted)

      Water Heaters
      Booster Heaters
      Sink Heaters
      Dish Washers
      Glass Washers
      Soda Systems
      Ice Machines
      Steam Equipment

6. Plumbing Contractor to interconnect dish machine with booster heater and water–type ventilators with control panels as per manufacturer's instruction, when applicable and noted.

7. All lines routed through equipment shall not interfere with intended use of, or servicing of equipment.

8. All vent pipes are to be concealed in walls or column chases.

9. Interconnection between steam equipment and steam generator.

10. Grease trap to be specified and located by mechanical engineer and provided and installed by mechanical or plumbing contractor.

11. Where equipment is noted as existing, utility requirements should be verified and match as indicated on manufacturer's date plate. If equipment is not relocated, reconnect as required by code. Plumbing Contractor to verify existing utilities and equipment requirements and re–use if possible.

12. All plumbing locations are shown at optimum spots. Utilize all existing services where applicable.

13. All plumbing to be concealed within walls where possible.

14. Hot water heater to provide a minimum of 140 degree water to all kitchen equipment.

15. All dimensions shown are measured from finished walls, floors ceilings and/or column to center lines of stubs or outlets. The plumbing contractor shall make allowances for miscellaneous obstructions such as piping mains, electrical components, structures, venting and thickness of finishes when roughing–in as required.

16. All faucets and/or disposers located on Food Service Plan shall be provided by K.E.C. and installed by Plumbing Contractor, unless otherwise noted.

17. Hand sinks are to be mounted and installed by Plumbing Contractor.

ELECTRICAL CONTRACTOR NOTES

1. The electrical specifications and connections shown on these plans are for food service equipment requirements only. It is the responsibility of the ELECTRICAL CONTRACTOR to consult the architect's, mechanical engineers and/or general contractor's plans and the owner for further building electrical requirements.

2. Access areas and cut–ins on custom and buyout equipment and fixtures shall be provided by the ck.E.C. required for proper installation of electrical outlets, junction boxes, home runs, etc. The electrical contractor shall provide and install shields and extension boxes as required.

3. The Electrical Contractor shall connect all compressors and provide fused disconnects, magnetic starters and thermo overload protection as required.

4. Vapor proof light fixtures for exhaust hoods shall be furnished by the HOOD SUPPLIER. The Electrical Contractor shall supply and install pull boxes,conduit, wire, bulbs, etc. Provide and connect to a wall mounted switch (with pilot light) located per plans.

5. Vapor proof light fixtures for walk–in coolers and freezers shall be furnished with an exterior pilot light switch by the Walk–in Supplier. It shall be the responsibility of the Electrical Contractor to interconnect and install these items as required. Electrical Contractor shall connect door heaters, relief ports. E.C. to supply install, & connect all drain line heater tape.

6. Electrical Contractor to interconnect the Remote Refrige–rations' Compressor, Evaporator, T–stat, Solenoid and Defrost Timer (All Controls) where required.

7. All electrical materials including wiring, flex, conduit, switches, disconnects, magnetic starters, thermo–overload protectors, transformers, electrical panels, cords, plugs, receptacles, bulbs, etc. shall be supplied by the electrical contractor unless specified in these plans or in writing by the Food Service Equipment Contractor.

8. It shall be the responsibility of the Electrical Contractor to provide water proof power outlet(s) on the roof for exhaust system fan(s) make–up air fan(s) and refrigeration system(s) as required. Low voltage (or common voltage) wiring shall also be supplied and installed by the electr–ical contractor when necessary to control and interconnect the above systems.

9. The electrical contractor shall furnish and install any and all electrical contractors as required by applicable codes and ordinances.

10. All dimensions shown on these plans are measured from finished walls, floors, ceilings and/or column center lines or grid lines to enter lines of outlets and pull boxes. The Electrical Contractor shall make allowances for finishes when roughing–in as required.

11. The Electrical Contractor shall provide and install element contractor (relay) shutoffs (shunt trip) and/or solenoid shutoff valve and interconnect with the fire suppression system for the cooking equipment, to shut off all equipment automatically in case of fire. Verify with local codes for shutdown of exhaust fan(s) and or make–up air fan(s) requirements.

12. All 115 volt convenience outlets not designated with spec–ific loads are to be rated 20.0 amps. Electrical Contractor is to provide any additional outlets as called for by architect, owner and/or general contractor.

13. Electrical Contractor to provide caps and cords for all equipment where caps and cords are not standard with manufa–cture. Electrician to also shorten any cords supplied with equipment if requested to do so by owner or Food Service Equipment Contractors' representative.

14. Electrical Contractor to provide all rough–in building services and make final connections to all food service equipment provided by K.E.C. This shall include the instal–lation mounting of the Air Curtain(s),/Microswitch(s).

15. Electrical Contractor to provide temporary power to Food Service Equipment Contractors' installers, as required.

16. All rough–ins are shown in optimum spots, utilize all existing services when applicable.

17. All receptacles and junction boxes to be flushed mounted in walls with stainless steel cover plate.

18. Verify all electrical rough–ins and locations with owner, vendor, or General Contractor on existing equipment or other equipment not provided by K.E.C.

19. Where applicable, Electrical Contractor to provide conduit wiring, install electrical components, and interwire, between the following:
   A. Control panels to ventilators and exhaust/supply fans per manufacture's instructions.
   B. Kitchen exhaust hood/ventilators to fire control system and hood controls.
   C. Call lights and waitress control systems.
   D. Light fixture, chandeliers, etc. Lamps for any light fixtures are to be provided and installed by the Electrical Contractor unless indicated on the lighting schedules or drawings.
   E. Module counters and components or equipment mounted on counters.
   F. Heat Lamps are to be connected thru remote controls, pilot lights, etc.

20. Electrical Contractor to provide and install all light bulbs for fixtures, where applicable.

21. All item's shown with P.I. connections, plug into receptacles furnished by the K.E.C. as part of the equipment.

22. Where connection is shown as J.B., Electrical Contractor shall connect to J.B. furnished as part of the equipment.

23. All horizontal dimensions are from face of finished wall to center–line of outlet or from center–line of outlet to center–line of outlet unless otherwise noted.

24. All symbols for outlet on walls are indicated at a specific height. Height of outlet is given from finished floor TO CENTERLINE OF OUTLET.

FOODSERVICE CONSULTANT:
LANDMARK KITCHEN DESIGN, LLC
ARIZONA • NEW ENGLAND
TEL: (602) 443-0344
info@landmarkphx.com
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Revisions:
1.
2.
3.
4.

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
SK/DK	SK
Project No.	Date:
2019.12	10JUNE2020

FOODSERVICE GENERAL NOTES

FS-8.0

GENERAL STRUCTURAL NOTES:

CODE:

INTERNATIONAL BUILDING CODE, 2018 EDITION.

LOADS:

ROOF DEAD LOAD: VARIES-PSF.ROOF LIVE LOAD: 20-PSF.

MECHANICAL AND SPRINKLER: SEE CORRESPONDING PLANS.
WIND:
V(3s) = 115-MPH, EXPOSURE C
BUILDING CATGORY II
COMPONENT & CLADDING PRESSURE = 22-PSF (ASD)

SEISMIC:
DESIGN CATIGORY "B", RISK CAT. II, SITE CLASS D, Ie = 1.0
Ss=.188, S1=.061
ANALYSIS: EQUIV. LAT. FORCE DESIGN, SDS=.200, SD1=.097
BASIC SEISMIC FORCE RESISTING SYSTEM: BEARING WALLS WITH INTERM. REINF. MASONRY SHEAR WALLS.
SEISMIC RESPONCE COEFF. Cs=.057 USD
RESPONCE MOD. FACTOR R=3.5
DESIGN BASE SHEAR = VARIES

FOUNDATIONS:

SEE SOILS REPORT BY: NONE
DESIGN SOIL BEARING PRESSURE: 1,000 PSF.
FOOTINGS SHALL BEAR ON FIRM NATURAL SOIL. BOTT. OF FOOTING 1'-6" MINIMUM BELOW FINISH GRADE. FINISH GRADE IS TOP OF SLAB FOR INTERIOR FOOTINGS AND LOWEST ADJACENT FINISH GRADE WITHIN 5 FEET FOR PERIMETER FOOTINGS.

CONCRETE:

MINIMUM 28 DAY STRENGTH TO BE 2500-PSI. & 3000-PSI
ALL FOOTING CONCRETE TO BE MIN. 2500-PSI
ALL SLAB CONCRETE MIN. 3000-PSI WITH MAX. W/C RAIO OF .58
MAXIMUM SLUMP: 5 IN. CEMENT: TYPE 2-5
MEET ACI MANUAL OF CONCRETE PRACTICE LATEST EDITION.
SUBMIT ADMIXTURES FOR APPROVAL.
MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED. SLABS ON GRADE NEED ONLY BE VIBRATED AROUND EMBEDDED ITEMS.
UNLESS APPROVED OTHERWISE ALL SLABS ON GRADE SHALL BE BOUND BY CONTROL JOINTS (SAW CUT OR KEYED) AS SHOWN ON FOUNDATION PLAN. ENCLOSED AREA NOT TO EXCEED 180 SQ. FT. CURE SLABS PER ACI (HOT WEATHER) RECOMMENDATIONS.

REINFORCING:

ASTM A-615 GRADE 60 (Fy=60 KSI) EXCEPT AS FOLLOWS:
VERTICAL REINFORCING #5 OR LARGER: GRADE 60 (Fy=60 KSI)
BARS TO BE WELDED: . . . . . ASTM A-706
WIRE MESH: . . . . . ASTM A-185
ACI CODE AND DETAILING MANUAL APPLY.
CLEAR CONCRETE COVERAGE AS FOLLOWS:
CAST AGAINST EARTH . . . . . .3 IN.
EXPOSED TO EARTH OR WEATHER
#5 AND SMALLER . . . . . 1 1/2 IN
#6 AND LARGER . . . . . 2 IN.
LAP SPLICES IN CONCRETE:
LAP SPLICES IN CONCRETE U.N.O. SHALL BE 24" MIN.
STAGGER SPLICES A MINIMUM OF ONE LAP LENGTH. SPLICE LOCATIONS ARE SUBJECT TO APPROVAL OF STRUCTURAL ENGINEER. PLACE BARS PER CRSI HANDBOOK.
PROVIDE BENT CORNER BARS TO LAP AND MATCH HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS. UNLESS NOTED OTHERWISE DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90 DEGREE HOOKS. DOWELS TO LAP TYP. VERTICAL BARS AND MATCH SIZE AND SPACING.

MASONRY:

HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE 1, RUNNING BOND, MEDIUM WEIGHT.
F'm = 1500 PSI; MORTAR TYPE S 1800 PSI; GROUT 2000 PSI.
MECHANICALLY VIBRATE GROUT IN VERTICAL CELLS IMMEDIATELY AFTER POURING. MAXIMUM GROUT LIFT = 5'-0". SEE PLAN FOR
EXPANSION OR CONTROL JOINTS. UNLESS NOTED OTHERWISE LOCATE MASONRY CONTROL JOINTS AT 24 FT. O.C. MAXIMUM, BUT NOT LESS THAN 2'-0" FROM A JAMB OR BEARING PLATE, NOR ABOVE OPENINGS.

VERTICAL REINFORCING:

AS SHOWN ON PLAN. UNLESS NOTED OTHERWISE PLACE (1) #5 AT CENTER OF WALL IN GROUTED CELL AT O.C. PER PLAN FULL HEIGHT OF WALL. (1) #5 REQUIRED AT ALL CORNERS, INTERSECTIONS, WALL ENDS, JAMBS AND EACH SIDE OF EXPANSION OR CONTROL JOINTS.
SEE PLAN AND DETAILS FOR SPECIAL CONDITIONS.
UNLESS NOTED OTHERWISE DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90 DEGREE HOOKS. DOWELS TO LAP TYP. VERTICAL BARS AND MATCH SIZE AND SPACING. USE BAR POSITIONERS @ 4'-8" O.C. MAX OR AT EA. GROUT POUR.

HORIZONTAL REINFORCING:

MIN. (1) #5 IN MIN. 8" DEEP GROUTED CONTINUOUS BOND BEAM AT ROOF LINE. (1) #5 IN 8" MIN. DEEP GROUTED CONTINUOUS BOND BEAM AT TOP OF ALL PARAPETS, SILLS, AND FREESTANDING WALLS. PLACE CONTINUOUS THRU CONTROL JOINTS PER TYPICAL DETAILS. WRAP BARS IN MASTIC TAPE FOR 1'-6" EACH SIDE CONTROL JOINTS. PROVIDE BENT CORNER BARS TO LAP AND MATCH HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS TO MAINTAIN BOND BEAM CONTINUITY. USE STANDARD 9-GAGE LADDER TYPE JOINT REINFORCING (DUR-O-WALL) OR EQUIVALENT AT 16" O.C. MAX.
LAPS VERT & HORIZ: 32" (STAGGER LAPS MIN. 1-LAP LENGTH)

JOINT REINF . . . . . 8 INCHES

SHOP DRAWINGS:

SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL ITEMS IN ADDITION TO THOSE REQUIRED BY ARCHITECTURAL SPECIFICATIONS.

ANY CHANGES OR SUBSTITUTIONS FROM THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SUBMITTALS FOR APPROVAL. CHANGES NOT CLOUDED ON SUBMITTALS ARE NOT CONSIDERED APPROVED UNLESS SPECIFICALLY NOTED ON ITEM.

SHOP DRAWINGS DO NOT REPLACE THE CONTRACT DOCUMENTS. ERRORS, OMISSIONS OR CHANGES NOT CLOUDED FOR SPECIFIC REVIEW DO NOT CONSTITUTE A CHANGE TO THE CONTRACT DOCUMENTS, REVIEW IS INTENDED ONLY AS AN AID TO THE CONTRACTOR AND DOES NOT RELIEVE THE CONTRACTORS OBLIGATION TO FOLLOW THE CONTRACT

STRUCTURAL STEEL:

W SHAPES U.N.O. . . . . .ASTM A992 (Fy = 50 KSI)
PLATE 1/2" OR GREATER U.N.O. . . . . .ASTM A572 (Fy = 50 KSI)
PLATE LESS THAN 1/2" U.N.O. . . . . .ASTM A36 (Fy = 36 KSI)
FABRICATED AND ROLLED SHAPES U.N.O. . . . . .ASTM A36 (Fy = 36 KSI)
PIPE . . . . .ASTM A501 (Fy = 36 KSI) OR A53 GRADE B; TUBE . . ASTM A500 (Fy = 46 KSI)
DETAILING, FABRICATION AND CONSTRUCTION PER LATEST AISC MANUAL.
UNLESS NOTED OTHERWISE ALL STEEL TO RECEIVE ONE COAT OF SHOP PRIMER.
OMIT PRIMER AT AREAS TO BE FIELD WELDED OR EMBEDDED.
BOLTS TO BE ASTM A307 U.N.O. HIGH STRENGTH BOLTS TO BE ASTM A325-N.
WELDED ANCHORS AND SHEAR CONNECTIONS SHALL BE ICC APPROVED.

HEADED STUD ANCHORS (HSA) TO BE "NELSON STUD" PER ICC NO. ER-2614 OR APPROVED EQUAL WITH ICC CODE APPROVAL.

WELDING:

PER LATEST AWS STANDARDS BY WELDERS CERTIFIED IN THE TYPE OF WELD REQUIRED. USE E70 LOW HYDROGEN RODS UNLESS NOTED OTHERWISE. ALL BUTT WELDED SPLICES GREATER THAN 5/16" SHALL BE TESTED BY AN INDEPENDENT TESTING LAB. TO ASSURE FULL MATERIAL STRENGTH. FAB SHOPS TO HAVE AWS APPROVED INSPECTION PROGRAM.

STEEL SHOT PINS BY HILTI:

U.N.O. PIN TO BE "X-U", .157"ø KNURLED PER ESR-2269 BY HILTI
U.N.O. IN DETAILS, PENETRATION INTO CONCRETE: 1". MIN. WITH 1 1/4" PIN.

WOOD:

SOLID SAWN LUMBER:

ALL FRAMING LUMBER SHALL BEAR THE STAMP OF A GRADING AGENCY APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE AND SHALL BE OF THE FOLLOWING MINIMUM GRADES UNLESS NOTED OTHERWISE ON PLANS:
2x & 3x STUDS & PLATE . . . . . HEM FIR NO. 2
JOIST AND 2x6 FRAMING . . . . . HEM FIR NO. 2
2x8 & LARGER FRAMING . . . . . DF-L NO. 2
6x BEAMS & POSTS . . . . . (85% FOHC). . . . . DF-L NO. 1
2X4 MISC. FRAMING . . . . . HF STD
ALL FRAMING LUMBER SHALL HAVE A MAX. MOISTURE CONTENT OF 19% AT TIME OF INSTALLATION.
ALL PLATE ON SLAB ON GRADE OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED

PLYWOOD:

ALL PLYWOOD OR PERFORMANCE RATED PANELS ARE TO COMPLY WITH LEGACY REPORT NO. NER-108. ALL PLYWOOD SHALL BE CDX STRUCTURAL 2 OR BETTER AND SHALL BEAR THE STAMP OF AN APPROVED GRADING AGENCY. FOR JOISTED SYSTEMS LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. FOR PANELIZED SYSTEMS, WHERE PLYWOOD IS LAID UP WITH FACE GRAIN PARALLEL TO SUPPORTS, USE 5-PLY.
APA RATED ORIENTED STRAND BOARD MAY BE SUBSTITUTED FOR PLYWOOD WITH FULL APPROVAL OF THE OWNER AND ROOFING MANUFACTURER. ALTERNATE PANELS MUST MEET OR EXCEED ALL SPECIFICATIONS OF THE SPECIFIED PLYWOOD,
UNLESS NOTED OTHERWISE ON PLANS THE FOLLOWING MINIMUMS APPLY:

USE	THICKNESS	SPAN RATING	EDGE NAILING	INTERMEDIATE NAILING
ROOF	1/2"	32/16	8d (.131"ø) @ 6" O.C.	8d @ 12" O.C.

PREFABRICATED I-JOIST & MANUFACTURED MEMBERS:

BY TRUS-JOIST (iLEVEL) OR TO HAVE EQUIVALENT SIZE & STRUCTURAL PROPERTIES.
NO NOTCHING OR HOLES ARE ALLOWED EXCEPT AS APPROVED BY MANUFACTURER.
LSL = LAMINATED STRAND LUMBER AKA "TIMBERSTRAND".
LVL = LAMINATED VENEER LUMBER AKA "MICRO-LAM".
PSL = PARALLEL STRAND LUMBER AKA "PARALLAM".
SUBMIT KEY PLANS WITH MATERIAL AND HANGER LISTS FOR APPROVAL.

GENERAL:

APPLY UNLESS NOTED OTHERWISE ON PLANS OR DETAILS. DO NOT NOTCH OR DRILL BEAMS, JOIST OR STUDS WITHOUT WRITTEN APPROVAL OF THE ENGINEER THRU THE ARCHITECT.
PROVIDE 2" NOMINAL SOLID FULL DEPTH BLOCKING BETWEEN JOIST OVER SUPPORTS.
DOUBLE UP STUDS AT JAMBS AND UNDER DOUBLE JOIST, BEAMS OR HEADERS. ALTERNATE STUDS SHALL HAVE H2.5 TOP AND BOTTOM TO PLATE UNLESS PLYWOOD SHEATHING PROVIDES CONNECTION. PROVIDE 2X SOLID FIRE BLOCKING AT 8' O.C. MAX. AND AT CEILING LINES.
ALL CONNECTIONS NOT NOTED SHALL BE IN ACCORDANCE WITH IBC CONNECTOR TABLES.
WOOD CONNECTORS ARE SPECIFIED AS SIMPSON-STRONG-TIE. ALTERNATES MUST HAVE EQUIVALENT ICBO APPROVED VALUES.

GENERAL CONSTRUCTION NOTES:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO ACHIEVE THE COMPLETED STRUCTURE, INCLUDING ALL PROCEDURES, DESIGNS, MEANS AND SEQUENCES. JOB-SITE OBSERVATION OR SPECIAL INSPECTION BY THE ENGINEER OR ARCHITECT IS NOT INTENDED AS APPROVAL OF ANY CONSTRUCTION METHODS, SHORING SYSTEMS OR TEMPORARY BRACING SCHEMES.

COST OF ADDITIONAL FIELD OR OFFICE WORK REQUIRED BY THE ENGINEER OR ARCHITECT TO ACCOMMODATE ERRORS, OMISSIONS OR ALTERNATES REQUESTED BY THE CONTRACTOR SHALL BE BORNE BY THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DETAILS OF ANY ALTERNATES.

ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THIS PROJECT.

NOTES AND DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GSN AND TYPICAL DETAILS. TYPICAL DETAILS MAY NOT NECESSARILY BE FLAGGED ON PLANS.

VERIFY ALL DIMENSIONS, OPENINGS, ARCHITECTURAL FEATURES AND NON-STRUCTURAL ITEMS WITH ARCHITECTURAL DRAWINGS. RESOLVE ALL DISCREPANCIES THRU THE ARCHITECT. STRUCTURAL PLANS MAY NOT SHOW ITEMS SUCH AS INTERIOR FRAMING, CEILINGS AND SOFFITS, SITE STRUCTURES AND FENCES, SIDEWALKS AND CURBS, ARCHITECTURAL AND NON-STRUCTURAL FEATURES, WORK DESIGNED AND SUBMITTED BY OTHERS AND WORK GENERALLY NOT CONSIDERED STRUCTURAL IN NATURE. SEE APPROPRIATE PLANS FOR ADDITIONAL INFORMATION.

SPECIAL INSPECTION:

PER IBC CHAPTER 17, SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING AREAS OF WORK: THESE ARE IN ADDITION TO INSPECTIONS REQUIRED AND CONDUCTED BY THE DEPARTMENT OF BUILDING AND SAFETY AND DOES NOT RELIEVE THE CONTRACTOR FROM CALLING FOR INSPECTION PER IBC SECTION 109 AND LOCAL REQUIREMENTS.

EPOXY, ADHESIVE & EXPANSION ANCHORS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. INSPECTION OF HOLE DIAMETER AND DEPTH	–	X
2. INSPECTION OF HOLE CLEANING WITH COMPRESSED AIR AND WIRE BRUSH.	–	X
3. PLACEMENT OF EPOXY AND ANCHOR USING SPECIFIED PRODUCT AND MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES.	X	–
4. VERIFY PROPER TORQUE APPLIED TO EXPANSION ANSIONS.	X	–

LEVEL B SPECIAL INSPECTION OF MASONRY

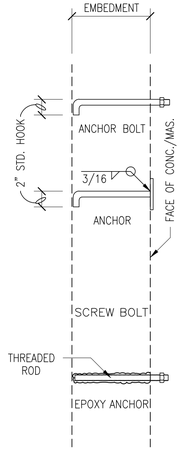
INSPECTION TASK	FREQUENCY OF INSPECTION: CONTINUOUS DURING TASK LISTED	FREQUENCY OF INSPECTION: PERIODICALLY DURING TASK LISTED	REFERENCE FOR CRITERIA: ACI 530/ASCE 5/TMS 402	REFERENCE FOR CRITERIA: ACI 530.1/ASCE 6/TMS 602
1. VERIFY COMPLIANCE WITH APPROVED SUBMITTALS:		X		ART. 1.5
2. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:				
a. PROPORTIONS OF SITE-PREPARED MORTAR.		X	–	ART. 2.1& 2.6A
b. CONSTRUCTION OF MORTAR JOINTS.		X	–	ART. 3.3B
c. LOCATION OF REINFORCEMENT, CONNECTORS PRESTRESSING TENDONS AND ANCHORAGES.		X	–	ART. 3.4, 3.6A
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:				
a. GROUT SPACE IS CLEAN.		X	–	ART. 3.2D, 3.2F
b. GRADE, TYPE& SIZE OF REINFORCEMENT& ANCHOR BOLTS		X	SEC. 1.13	ART. 3.4
c. PLACEMENT OF REINFORCEMENT AND CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.		X	SEC. 1.13	ART. 3.4
d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.		X	–	ART. 2.6B, 2.4G.1.b
e. CONSTRUCTION OF MORTAR JOINTS.		X	–	ART. 3.3B
4. VERIFY DURING CONSTRUCTION:				
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.		X	–	ART. 3.3F
b. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.		X	SEC. 1.16.4.3 1.17.1	–
c. WELDING OF REINFORCING BARS.	X	–	SEC. 2.1.7.7.2, 3.3.3.4(c)	–
d. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40?) OR HOT WEATHER (TEMPERATURE ABOVE 90?).		X	–	ART. 1.8C, 1.8D
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.		X	–	ART. 1.4B

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. MATERIAL VERIFICATION OF STRUCTURAL STEEL & COLD FORMED STEEL DECK:			
a. IDENTIFICATION MARKINGS TO CONFORM TO AISC 360 OR ASTM SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	–	X	AISC 360, M5.5 ASTM STD
b. MANUFACTURER'S CERTIFIED MILL TEST REPORTS.	–	X	–
2. MATERIAL VERIFICATION OF WELD FILLER MATERALS:			
a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	–	X	AISC 360, SECTION A3.5 AWS
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	–	X	–
3. INSPECTION OF WELDING:			
a. STRUCTURAL STEEL & COLD FORMED STEEL DECK:			
1) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	–	AWS D1.1
2) MULTIPASS FILLET WELDS.	X	–	
3) SINGLE-PASS FILLET WELDS > 5/16".	X	–	
4) SINGLE-PASS FILLET WELDS ≤ 5/16".	–	X	
5) PLUG & SLOT WELDS.	X		
6) FLOOR AND ROOF DECK WELDS.	–	X	AWS D1.3
b. REINFORCING STEEL:	–	–	AWS D1.4 ACI 318: 3.5.2
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.	–	X	

REQUIRED VERIFICATION AND INSPECTION OF SOILS BY GEOTECHNICAL OR EOR

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	–	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DOPTH AND HAVE REACHED PROPER MATERIAL.	–	X
3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.	–	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X	–
5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	–	X



BOLT SCHEDULE

BOLT DIAMETER	MINIMUM EMBEDMENT LENGTH: ANCHOR BOLT & EPOXY ANCHOR VERT.	ANCHOR BOLT & EPOXY ANCHOR HORIZ.	SCREW BOLT VERT.	SCREW BOLT HORIZ.
1/2"	6"	4"	6"	3"
5/8"	6"	4"	6"	3"
3/4"	7"	5"	7"	4 1/2"
7/8"	8"	6"	8"	–
1"	9"	7"	–	–

SCREW BOLTS OR EPOXY BOLTS MAY BE USED IN LIEU OF STANDARD ANCHOR BOLTS IN SHEAR TYPE NON VIBIRITORY CONNECTIONS. USE ANCHORS IN DETAILS AS SPEC'D.
USE ONLY EPOXY ANCHORS AS ALTERNATE IN TENSION TYPE OR VIBIRITORY CONNECTIONS AND SUBJECT TO APPROVAL.
USE ALL ANCHORS PER MANUFACTURES RECOMMENDATIONS.
EXP BOLTS NOT ALLOWED IN 6" STEM WALLS.

APPROVED EPOXY

TYPE	NAME	MFR.	IAPMO No.
(CONCRETE) EPOXY	SET-3G	SIMPSON STRONG-TIE	ESR-4057

ABBREVIATIONS

A.B.C. . . . . AGGREGATE BASE COURSE
A/C . . . . . AIR CONDITIONER
A.F.F. . . . . ABOVE FINISH FLOOR
ALT. . . . . ALTERNATE
A.B. . . . . ANCHOR BOLT
BM. . . . . BEAM
BN. . . . . BOUNDARY NAILING
B.F.F. . . . . BELOW FINISH FLOOR
B.O. (B/) . . . BOTTOM OF
BRG. . . . . BEARING
C.I.P. . . . . CAST IN PLACE
C.J. . . . . CEILING JOIST
C.L. . . . . CENTER LINE
CLR. . . . . CLEAR
CONC. . . . . CONCRETE
CONC C.J. . . . CONCRETE CONTROL JOINT
C.M.U. . . . . CONCRETE MASONRY UNIT
E.O.S. . . . . EDGE OF SLAB
EQ . . . . . EQUAL
CONN . . . . CONNECTION
CONT . . . . CONTINUOUS
D.L. . . . . DEAD LOAD
DN . . . . . DOWN
DWG(S) . . . . DRAWING(S)
EQUIP . . . . EQUIPMENT
EXP. BOLT . . . EXPANSION BOLT
EXP. JT. . . . EXPANSION JOINT
E.W. . . . . EACH WAY
F.F. . . . . FINISH FLOOR
F.O. . . . . FACE OF
GA . . . . . GAGE
GALV . . . . . GALVANIZED
G.S.N. . . . . GENERAL STRUCTURAL NOTES
GLB . . . . . GLU-LAM BEAM
I.F.W. . . . . INSIDE FACE OF WALL
HORIZ . . . . HORIZONTAL
HSA . . . . . HEADED STUD ANCHOR
KIP (K) . . . . 1000 POUNDS
L.L. . . . . LIVE LOAD
LLH . . . . . LONG LEG HORIZONTAL
LLV . . . . . LONG LEG VERTICAL
MFR . . . . . MANUFACTURER
MAS C.J. . . . MASONRY CONTROL JOINT
MECH. . . . . MECHANICAL
N/A . . . . . NOT APPLICABLE
NTS . . . . . NOT TO SCALE
O.C. . . . . ON CENTER
O.F.W. . . . . OUTSIDE FACE OF WALL
OPP . . . . . OPPOSITE
PERP . . . . . PERPENDICULAR
P.C. . . . . PRECAST CONCRETE
P.J. . . . . PANEL JOINT
PLF . . . . . POUNDS PER LINEAR FOOT
PREFAB . . . . PREFABRICATED
PSF . . . . . POUNDS PER SQUARE FOOT
PSI . . . . . POUNDS PER SQUARE INCH
REINF . . . . REINFORCING
SIM . . . . . SIMILAR
SQ. . . . . SQUARE
STD . . . . . STANDARD
TL . . . . . TOTAL LOAD
T.O. (T/) . . . TOP OF
TYP . . . . . TYPICAL
UNO . . . . . UNLESS NOTED OTHERWISE
VERT . . . . . VERTICAL
W.F.F. . . . . WELDED WIRE FABRIC
W/ . . . . . WITH
W/O . . . . . WITHOUT

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Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

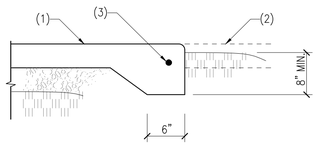
REGISTERED PROFESSIONAL ENGINEER
ROBERT R. ROOD
15838
ALLEN ROY ROOD
06-15-20
Signature Date
ARIZONA U.S.A.
EXP. 03/31/22

Drawn by:	Checked by:
ARR	MWK
Project No.	Date:
2019.12	10JUNE2020

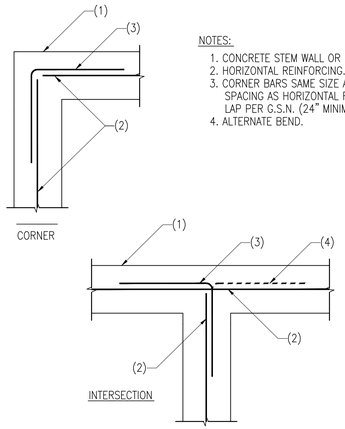
GEN STRUCT NOTES

S1

NOTES:
1. CONCRETE SLAB ON GRADE; TOOL EDGE.
2. FINISHED GRADE OR CONCRETE SLAB AS OCCURS.
3. (1) #4 CONTINUOUS.

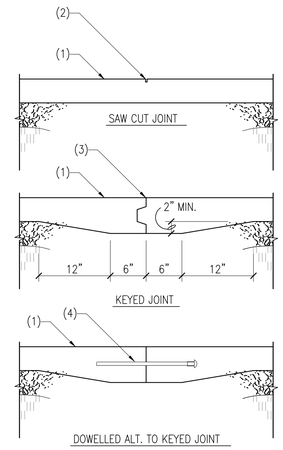


10 SLAB TURNDOWN
N.T.S.



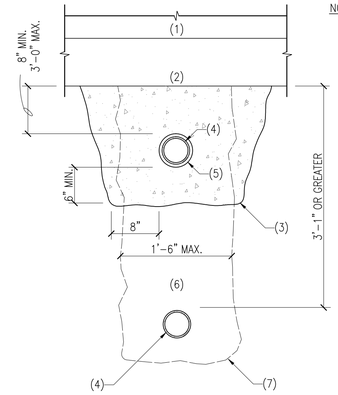
NOTES:
1. CONCRETE STEM WALL OR FOOTING.
2. HORIZONTAL REINFORCING.
3. CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCING. LAP PER G.S.N. (24" MINIMUM).
4. ALTERNATE BEND.

07 CORNER REINFORCING IN FOOTING, STEM OR WALL
N.T.S.



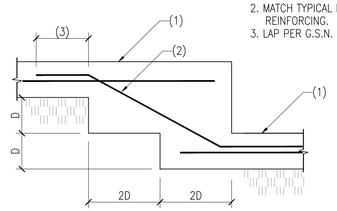
NOTES:
1. CONCRETE SLAB ON GRADE.
2. SAW CUT JOINT. 1/8" WIDE, 1" MIN. TO 1 1/2" MAX. DEEP. WORK MUST BE COMPLETED WITHIN 24-HOURS OF SLAB PLACEMENT, BUT NOT SO SOON AS TO CAUSE SPALLING.
3. CONTINUOUS KEYED JOINT CUT FROM 2X3. KEYED JOINTS NEED ONLY OCCUR AT EDGES LEFT EXPOSED DURING SLAB PLACEMENT.
4. 3/4" X 16" LONG SMOOTH DOWEL @ 18" O.C. CENTERED ON JOINT. GREASE OR MASTIC WRAP ONE END WITH MASTIC CAP.

04 CONTROL JOINTS IN CONCRETE SLAB ON GRADE
N.T.S.



NOTES:
1. STEM WALL.
2. CONCRETE FOOTING PER SCHEDULE.
3. CONCRETE FILL AROUND PIPE. PLACE PRIOR TO FOOTING FOR FULL SUPPORT OF FOOTING.
4. PIPE OR CONDUIT.
5. SLEEVE FULL LENGTH THRU CONCRETE FILL. PROVIDE 1/2" MINIMUM CLEAR AROUND PIPE.
6. BACK FILL AND COMPACT TRENCH PER SOILS REPORT.
7. BOTTOM OF TRENCH.

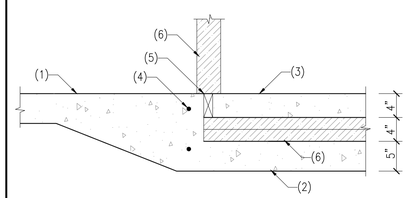
01 PIPE BELOW WALL FOOTING
N.T.S.



NOTES:
1. TOP OF WALL FOOTING.
2. MATCH TYPICAL HORIZONTAL REINFORCING.
3. LAP PER G.S.N. (24" MINIMUM).

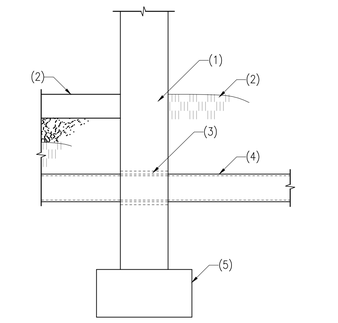
NOTE:
D=2'-0" MAXIMUM.

08 STEP IN CONCRETE FOOTING
N.T.S.



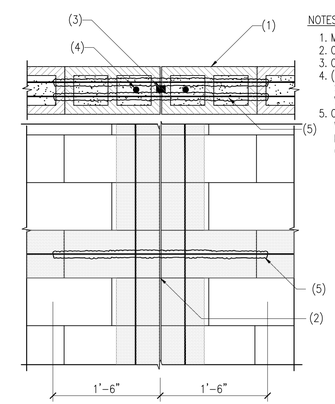
NOTES:
1. TYPICAL CONCRETE SLAB ON GRADE.
2. CONCRETE SUB-SLAB.
3. CONCRETE WEAR SLAB.
4. (2) #4 BARS AROUND PERIMETER.
5. 2x REDWOOD SLEEPER.
6. WALLS & INSULATION BY OTHERS.

05 INSULATED SLAB DETAIL
N.T.S.



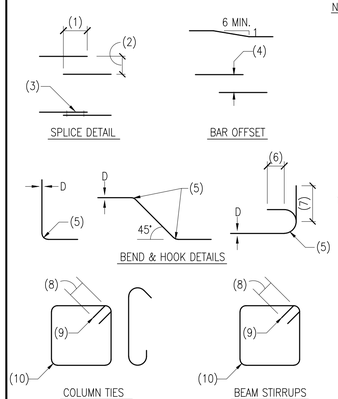
NOTES:
1. STEM WALL.
2. FINISHED GRADE OR CONCRETE SLAB AS OCCURS.
3. SLEEVE FULL LENGTH THRU STEM PROVIDE 1/2" MINIMUM CLEAR AROUND PIPE.
4. PIPE OR CONDUIT.
5. CONCRETE FOOTING PER SCHEDULE.

02 PIPE THRU STEM WALL
N.T.S.



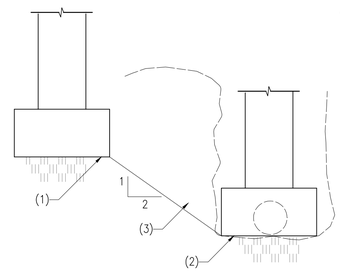
NOTES:
1. MASONRY WALL.
2. CONTROL JOINT.
3. CONTROL JOINT MATERIAL.
4. (1) VERTICAL BAR EA. SIDE IN SOLID GROUTED CELLS TO MATCH VERTICAL WALL REINFORCING PER G.S.N.
5. CONTINUOUS BOND BEAM BARS. WRAP BARS WITH MASTIC FOR BOND BREAK. DO NOT LAP WITHIN 3'-0" OF CONTROL JOINT.

09 CONTROL JOINT IN CMU WALL
N.T.S.



NOTES:
1. LAP-SEE G.S.N.
2. MAXIMUM 1/6 LAP BUT NOT MORE THAN 6".
3. WIRE TIES.
4. 1d (1" MINIMUM).
5. RADIUS=3d FOR BARS NOT OVER #8; 4d FOR #9, #10 AND #11 BARS; 5d FOR #14 AND #18 BARS. 5d FOR ALL GRADE 40 BARS WITH 180 DEGREE HOOK.
6. 4d (4" MINIMUM).
7. 12d (90 DEGREE HOOK).
8. 6d (4" MINIMUM).
9. 135 DEGREE BEND.
10. BEND AROUND 1 1/2" PIN FOR #3 BARS. BEND AROUND 2" PIN FOR #4 BARS. BEND AROUND 2 1/2" PIN FOR #5 BARS.

06 TYPICAL CONCRETE REINFORCING BAR DETAILS
N.T.S.



NOTES:
1. BOTTOM OF CONCRETE FOOTING.
2. BOTTOM OF ADJACENT FOOTING OR TRENCH.
3. MAXIMUM SLOPE 45° BETWEEN ADJACENT FOOTINGS OR EXCAVATION FOR TRENCH.
4. WHERE SOILS REPORT RECOMMENDS DIFFERENT, USE MOST CONSERVATIVE CRITERIA.

03 MAX. SLOPE BETWEEN ADJACENT FOOTING AND/OR TRENCH
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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326



EXP. 03/31/22

ROOD ENGINEERING, INC.
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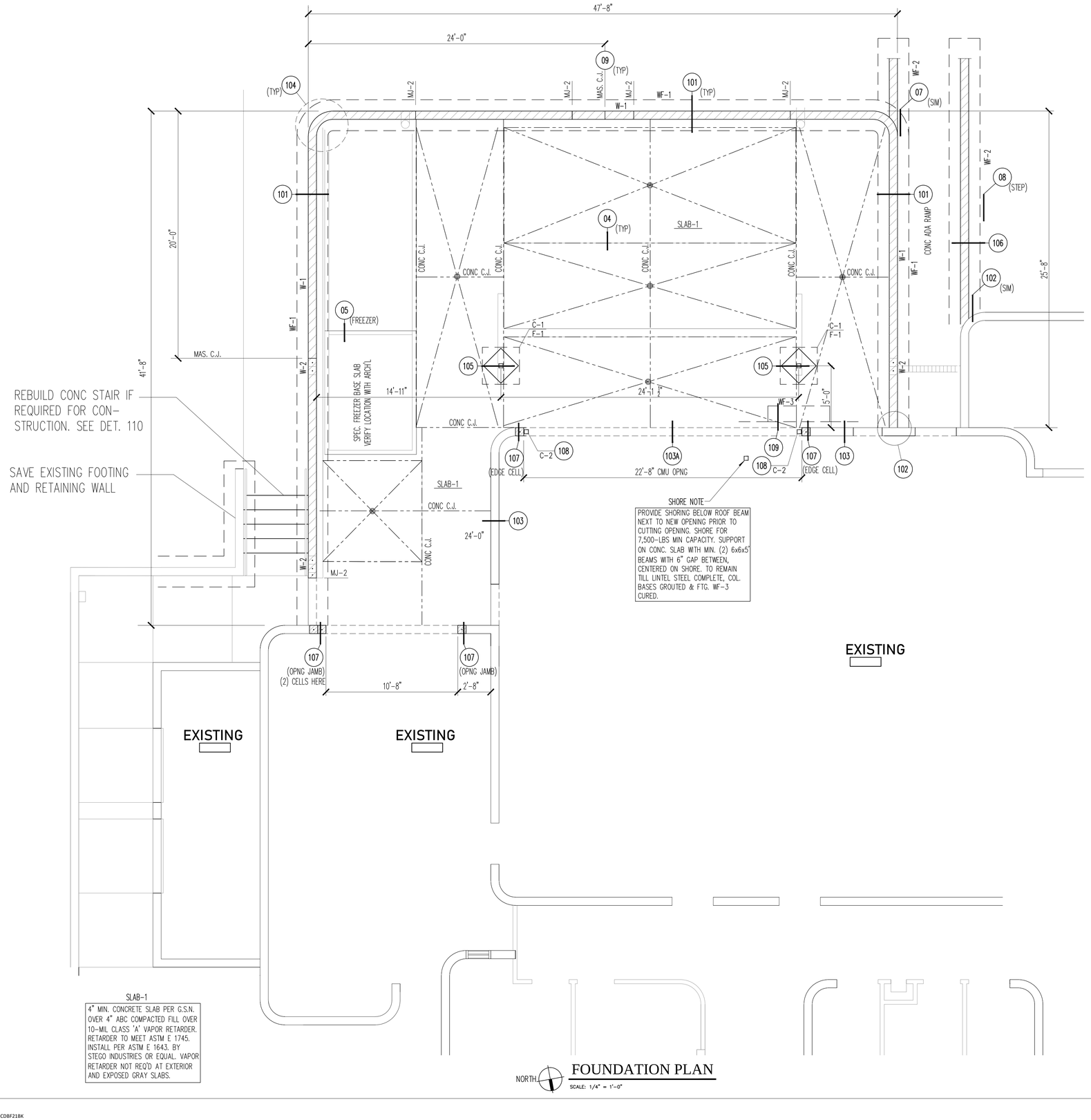
Project No.	Date:
2019.12	10JUNE2020

STD DETAILS

S2



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

FOUNDATION NOTES:

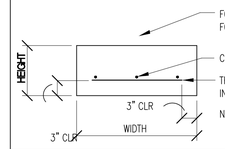
1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
2. SOME DETAILS ARE TYPICAL TO THE PROJECT AND MAY NOT NECESSARILY BE FOUND ON THIS PLAN.
3. WF1, WF2, ETC.–INDICATES CONTINUOUS WALL FOOTING PER SCHEDULE. F1, F2, ETC.–INDICATES ISOLATED FOOTING PER SCHEDULE. C1, C2, ETC.–AS SHOWN ON PLAN INDICATES STEEL COLUMN PER SCHEDULE.
4. PLACE CONCRETE CONTROL JOINTS IN ALL SLABS ON GRADE. SEE G.S.N. AND TYPICAL DETAILS FOR OPTIONS.
5. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF DEPRESSED AND/OR RAISED SLABS AND ALL SIDEWALK WORK.
6. VERIFY EXACT SIZE AND LOCATION OF OPENINGS IN WALLS WITH ARCHITECTURAL DRAWINGS.
7. BACK FILL PLUMBING EXCAVATIONS WITH EXCAVATABLE AIR ENTRAINED CONCRETE SLURRY MIX. SOIL BACKFILLING ONLY ALLOWED WHEN COMPACTION IS CERTIFIED BY A GEOTECHNICAL ENGINEER.

COLUMN (C) SCHEDULE

NOTE: FOR ANCHOR BOLT PATTERN, SEE COLUMN FOOTING DETAIL.

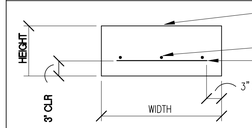
MARK	SIZE	BASE CONNECTION	REMARKS
C-1	HSS 4"x4"x1/4"	5/8"x10"x10" BASE PLATE W/ (4) 3/4"ø ANCHOR BOLTS	SEE DET. 105
C-2	HSS 4"x4"x1/4"	5/8"x7"x10" BASE PLATE W/ (2) 3/4"ø EPOXY ANCHORS	SEE DET. 108

CONTINUOUS FOOTING (WF) SCHEDULE



MARK	DIMENSIONS		FOOTING REINFORCING	REMARKS
	HEIGHT	WIDTH		
WF-1	12"	2'-6"	(3) #5 CONT.	–
WF-2	12"	2'-6"	(3) #5 CONT.	–
WF-3	18" VERIFY	1'-6"	(2) #5 CONT.	ADDED FOOTING PER DET. 109

ISOLATED FOOTING (F) SCHEDULE



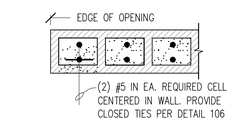
MARK	DIMENSIONS			FOOTING REINFORCING	REMARKS
	HEIGHT	WIDTH	LENGTH		
F-1	12"	3'-0"	3'-0"	–	MIN. SIZE REQ'D FIELD VERIFY

WALL REINFORCING (W) SCHEDULE

MARK	REINFORCING	REMARKS
W-1	#5 BARS @ 32"O.C. @ 8" WALL	(TYP.) U.N.O.
W-2	(2) #5 BARS @ 8" O.C. CENTER IN WALL	BELOW BEAM

MASONRY JAMB (MJ) SCHEDULE

MARK	No. CELLS
MJ-1	1
MJ-2	2



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Revisions:
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BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

CERTIFICATE NO. 15838 ALLEN ROY ROOD 06-15-20 Registered Professional Engineer STATE OF ARIZONA, U.S.A.
EXP. 3/31/2022

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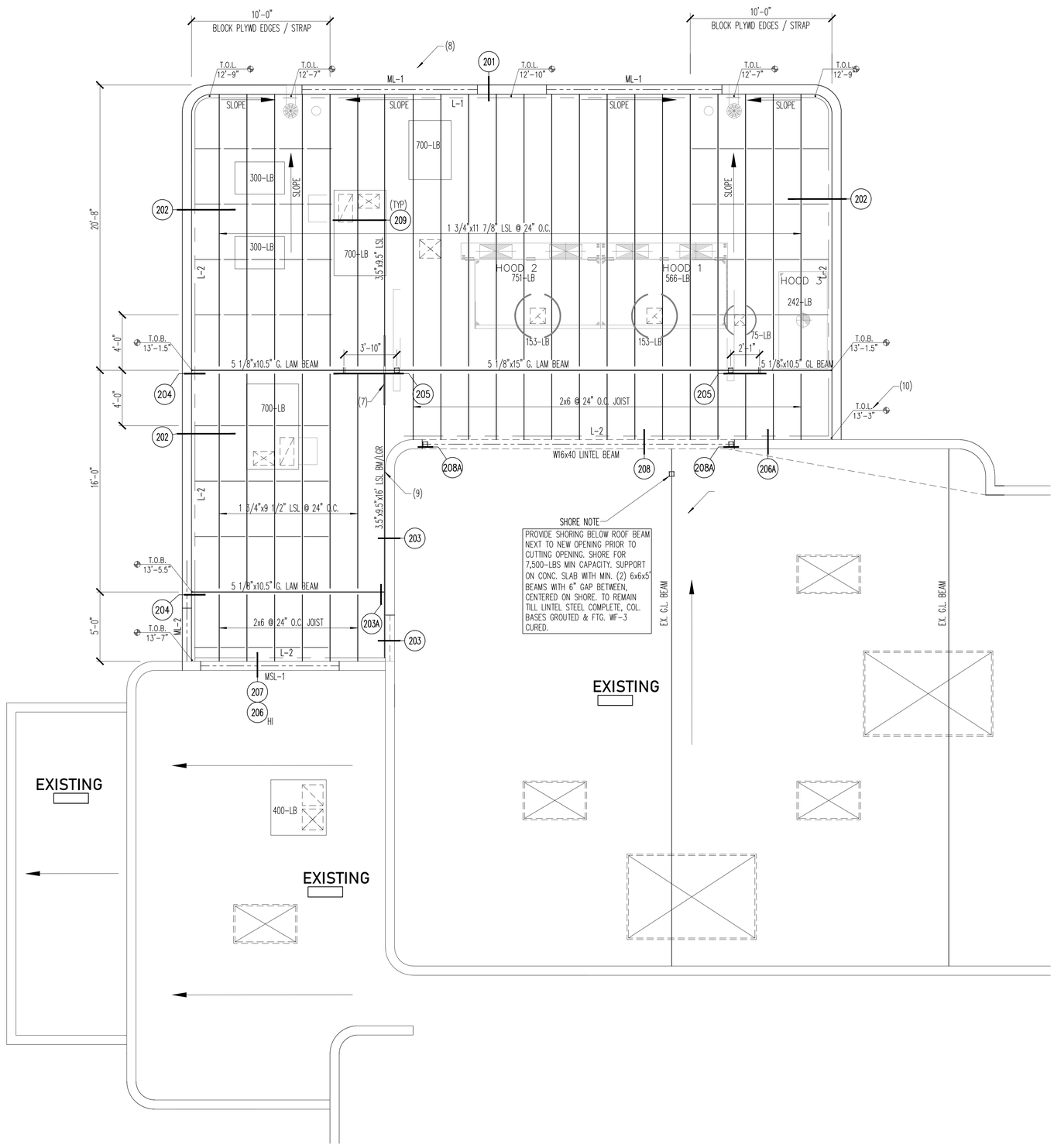
ARR	MWK
Project No.	Date:
2019.12	10JUNE2020

FOUNDATION PLAN

S3



NORTH

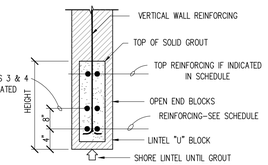
ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

ROOF FRAMING NOTES:

1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. ROOF ELEVATIONS, WHERE SHOWN, ARE TO BE VERIFIED BY THE ARCHITECT.
2. SOME DETAILS ARE TYPICAL TO THE PROJECT AND MAY NOT NECESSARILY BE FOUND ON THIS PLAN.
3. ML-1, ML-2, ETC.- INDICATES MASONRY LINTEL PER SCHEDULE
   L-1, L-2, ETC.- INDICATES WOOD LEDGER PER SCHEDULE.
4. FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.
5. FOR CLARITY, ALL ROOF OPENINGS MAY NOT BE SHOWN ON ROOF FRAMING PLAN. FOR EXACT SIZE, NUMBER AND LOCATION OF OPENINGS, SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. FOR FRAMING AT OPENINGS, SEE TYPICAL DETAILS.
6. CU PLATFORM TO BEAR ON JOIST OR 2x6 BLOCKING WITH "HF26N" HGRS.
7. SIMPSON "MSTC66" STRAP TIE WITH .148"ø x3" NAILS.
8. ADD (1) EXTRA A.B. TO LEDGER SUPPORTING RTU.
9. ADD (1) EXTRA BOLT TO BM/LEDGER @ FIRST SUPPORT.
10. FIELD VERIFY EXISTING ROOF HT. TO MAKE SURE FLOW IS CONTINUOUS ACROSS EXISTING TO NEW ROOF TRANSITION CONSIDERING ROOFING APPLICATION. ADJUST ALL ELEVATIONS EQUALLY IF REQUIRED.
11. ATTACH KITCHEN HOOD RODS TO BEAM, JOIST OR 2x6 BLOCKING IN "U24" HANGERS. SEE KITCHEN PLANS FOR LOCATIONS.

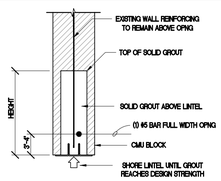
MASONRY LINTEL (ML) SCHEDULE



NOTE:
1. VERTICAL REINFORCING TO MATCH AND LAP WALL REINFORCING PER G.S.N.
2. EXTEND GROUT, OPEN END MASONRY UNITS AND REINFORCING 2'-0" PAST EACH JAMB. USE CORNER BARS WHERE 2'-0" CANNOT BE ACHIEVED.

MARK	HEIGHT	REINFORCING	REMARKS
ML-1	24"	(2) #5 TOP (2) #5 BOTTOM	-
ML-2	24"	(2) #5 TOP (2) #5 BOTTOM	CANTILEVER LINTEL WITH 4'-0" MIN. BACK SPAN

MASONRY STEEL LINTEL (MSL) SCHEDULE



MARK	HEIGHT	STEEL LINTEL	REMARKS
MSL-1	16"	PSB-16	BY POWERS

LEDGER (L) SCHEDULE

WOOD- 1. ALL LEDGERS SHALL HAVE MINIMUM OF (2) ANCHOR BOLTS PER LEDGER.

2. ANCHOR BOLTS SHALL BE LOCATED NOT LESS THAN 6" NOR MORE THAN 12" FROM END OF LEDGER OR • LEDGER SPLICE U.O.N. IN DETAILS.

MARK	SIZE	CONNECTION TO WALL
L1	3.5"x9.5" LSL	3/4"ø A.B. • 24" O.C. MAX. BTWN JOIST ADD BOLT EA. SIDE SPLICE
L2	3x8	3/4"ø A.B. • 32" O.C. MAX.

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History
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Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

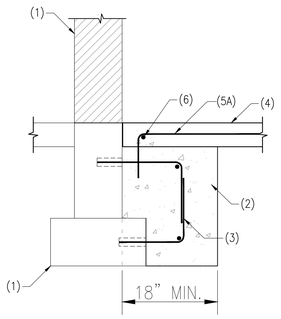
CERTIFICATE NO. 15838 ALLEN ROY ROOD 06-15-20 Registered Professional Engineer ARIZONA, U.S.A.

EXP. 3/31/2022

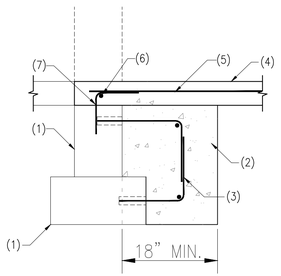
Drawn by:	Checked by:
ARR	MWK
Project No.	Date:
2019.12	10JUNE2020

ROOF PLAN

S4



AT FOOTING & EX. WALL

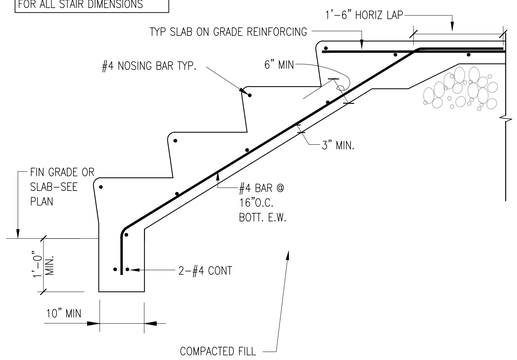


AT FOOTING & NEW OPNG

NOTES:
1. EXISTING 8" CMU WALL & FOOTING.
2. NEW CONCRETE FOOTING PER SCHEDULE.
3. #4 @ 24" O.C. EPOXY DOWELS TO STEM & FOOTING; 5" MIN. EMBED.
4. NEW CONCRETE SLAB.
5. #4 BAR x4'–0" TO SLAB.
5A. #4 L–BAR 9"x4'–0" TO SLAB.
6. (1) #4 CONT.
7. #4 L–BAR PER DET. 301A.

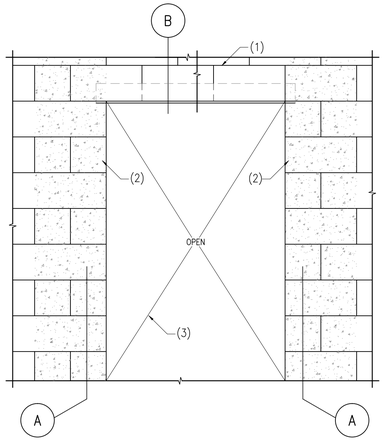
109 FOOTING ADDED @ EXISTING FOOTING
N.T.S.

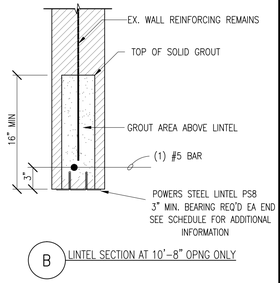
SEE ARCHITECTURAL DRAWINGS FOR ALL STAIR DIMENSIONS



110 TYP. STEPS ON GRADE DETAIL
N.T.S.

NOTES:
1. EXISTING 8" CMU WALL.
2. REINFORCE & GROUT (1) CELL OR TWO EA. SIDE OPENING. CELL OK IF ALREADY REINFORCED & GROUTED.
3. NEW OPENING; SIZE AND LOCATION PER PLANS.

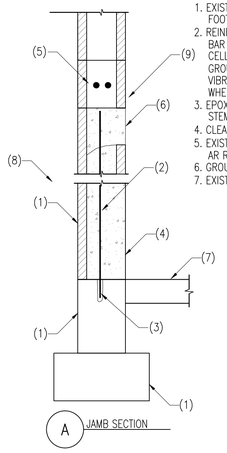




B LINTEL SECTION AT 10'–8" OPNG ONLY

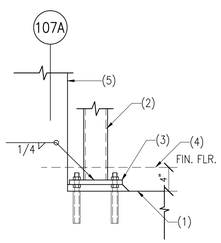
107 WALL REINFORCEMENT @ EXPANDED OPENING

NOTES:
1. EXISTING CMU WALL ON EXISTING STEM AND FOOTING.
2. REINFORCE JAMB CELL EA. SIDE OPNG W/ (1) #5 BAR AT CENTER. NOT REQUIRED IF END CELL IS ALREADY REINFORCED & GROUTED. GROUT CELLS IN SINGLE POUR FULL HEIGHT. VIBRATE PER G.S.N. (2) CELLS GROUTED WHERE REQUIRED PER PLAN.
3. EPOXY DOWEL BARS 4" MIN. INTO EXISTING STEM. LAP PER G.S.N.
4. CLEANOUT REQUIRED& INSPECTED PRIOR TO GROUT.
5. EXISTING CONTINUOUS BOND BEAM BEAM AR ROOF LINE.
6. GROUT FILL HOLE. DRYPACK UPPER VOID.
7. EXISTING CONCRETE SLAB ON GRADE.



A JAMB SECTION

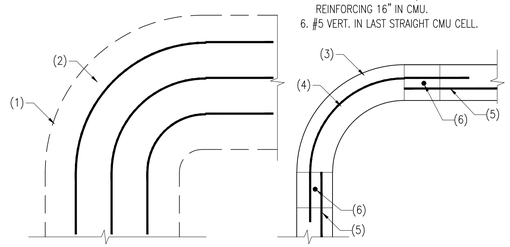
NOTES:
1. EXISTG 8" CMU STEM. VERIFY SOUNDNESS; FILL ANY VOIDS BELOW BEARING.
2. STEEL COLUMN PER PLAN.
3. STEEL BASE PLATE PER SCHEDULE WITH DBL NUTS OVER 1"+/– DRYPACK. (2) EPOXY ANCHORS W/ 5" MIN. EMBED.
4. SLAB POUR OVER PER DET. 103A.
5. CMU CUT OPENING. SEE A & S PLANS.



6. STEEL BASE PLATE PER SCHEDULE WITH DOUBLE NUTS OVER 1 1/2"± DRYPACK. (4) 3/4"ø A.B. WITH MIN. 7" EMBED TYPICAL, U.O.N.

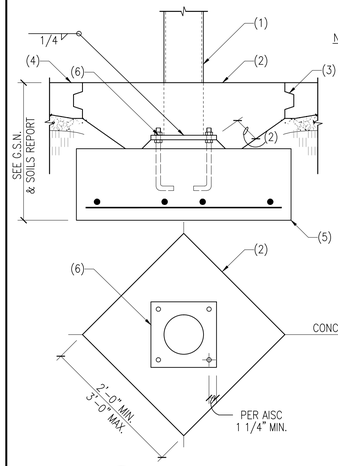
108 STEEL LINTEL COLUMN @ CMU STEM
N.T.S.

NOTES:
1. CONCTETE FOOTING PER PLAN.
2. (3) #5 CURVED CORNER BARS. EXTEND STRAIGHT ENDS TO LAP STRAIGHT BARS.
3. CURVED STEM & CMU WALL.
4. CURVED CORNER BARS TO MATCH STEM BARS. IN CMU, #5 IN BOND BEAM @ 4'–8" O.C. MAX OR AT EA. GROUT COURSING.
5. STRAIGHT BARS IN STEM, OR LAP JOINT REINFORCING 16" IN CMU.
6. #5 VERT. IN LAST STRAIGHT CMU CELL.



AT FOOTING & STEM WALL AT CMU WALL ABOVE

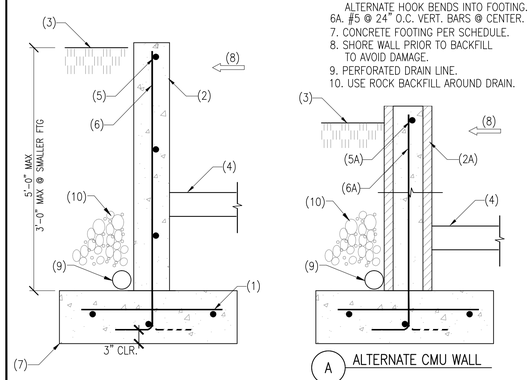
104 CORNER REINFORCING PLAN
N.T.S.



NOTES:
1. COLUMN PER PLAN.
2. CONCRETE CLOSURE POUR AROUND COLUMN. 3" MIN. CLEAR TO ALL STEEL.
3. KEYED OR SAW CUT JOINT.
4. CONCRETE SLAB ON GRADE.
5. CONCRETE FOOTING PER SCHEDULE.
6. STEEL BASE PLATE PER SCHEDULE WITH DOUBLE NUTS OVER 1 1/2"± DRYPACK. (4) 3/4"ø A.B. WITH MIN. 7" EMBED TYPICAL, U.O.N.

105 INTERIOR STEEL COLUMN FOOTING
N.T.S.

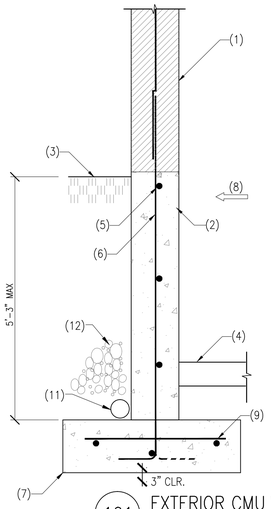
NOTES:
1. #5 @ 14" O.C. TRANSVERSE.
2. 6" CONCRETE RETAINING WALL.
2A. 8" CMU RETAINING WALL.
3. FINISHED GRADE OR CONCRETE SLAB AS OCCURS.
4. CONCRETE RAMP SLAB ON GRADE.
5. #5 @ 18" O.C. MAX HORIZ.
5A. (1) #5 CONT. @ TOP OF WALL.
6. #5 @ 18" O.C. VERT. BARS @ CENTER. ALTERNATE HOOK BENDS INTO FOOTING.
6A. #5 @ 24" O.C. VERT. BARS @ CENTER.
7. CONCRETE FOOTING PER SCHEDULE.
8. SHORE WALL PRIOR TO BACKFILL TO AVOID DAMAGE.
9. PERFORATED DRAIN LINE.
10. USE ROCK BACKFILL AROUND DRAIN.

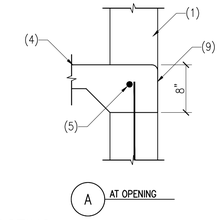


A ALTERNATE CMU WALL

106 EXTERIOR RAMP WALL FOOTING
N.T.S.

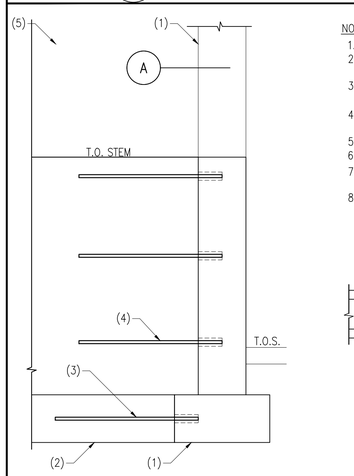
NOTES:
1. 8" MASONRY WALL PER PLAN.
2. 8" CONCRETE STEM WALL BELOW GRADE.
3. FINISHED GRADE OR CONCRETE SLAB AS OCCURS.
4. CONCRETE SLAB ON GRADE.
5. #5 @ 18" O.C. MAX HORIZ.
6. #5 @ 16" O.C. VERT. BARS. LAP INTO AND ALIGN WITH CMU WALL REINFORCING ABOVE. ALTERNATE HOOK BENDS INTO FOOTING.
7. CONCRETE FOOTING PER SCHEDULE.
8. SHORE WALL. LEAVE TILL CMU & ROOF COMPLETE, IF BACK FILLING.
9. #5 @ 16" O.C. TRANSVERSE.
10. SLAB POUR THRU AT OPENING.
11. PERFORATED DRAIN LINE.
12. USE ROCK BACKFILL AROUND DRAIN.



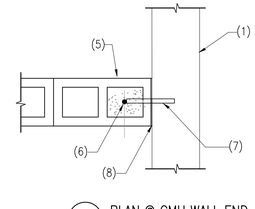


A AT OPENING

101 EXTERIOR CMU WALL FOOTING
N.T.S.

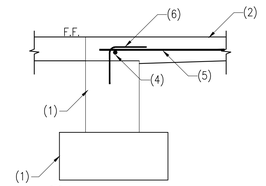


NOTES:
1. EXISTING 8" CMU WALL & FOOTING.
2. NEW CONCRETE FOOTING, STEM AND CMU WALL PER DET. 101.
3. (2) #4 BARS x24" EPOXIED INTO EXISTING FOOTING. EMBED 4" MIN.
4. #4 BARS x 24" @ 18" O.C. INTO EXISTING CMU STEM.
5. NEW CMU WALL ABOVE GRADE.
6. (1) #5 END BAR.
7. 5/8"ø SMOOTH DOWEL @ 32" O.C. SNUG FIT ONLY INTO EXISTING.
8. CAULK COLD JOINT.

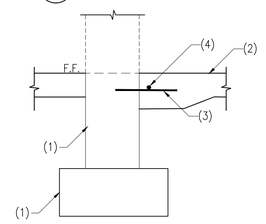


A PLAN @ CMU WALL END

102 WALL FOOTING @ EXISTING WALL
N.T.S.



A SLAB @ NEW CMU OPNG



NOTES:
1. EXISTING MASONRY WALL & FOOTING.
2. NEW CONCRETE SLAB ON GRADE. THICKEN TO 6" @ DOWELLED EDGE.
3. 5/8"ø x12" MIN. SMOOTH STEEL DOWELS @ 24" O.C. SNUG FIT ONLY(NO ADHESIVE) 4" INTO EXISTING STEM.
4. (1) #4 CONT.
5. #4x 4'–0" @ 24" O.C. INTO SLAB.
6. #4 L–BARS 7"x7" EPOXIED 4" INTO STEM.

103 SLAB @ EXISTING WALL
N.T.S.

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Revisions:
1.
2.
3.
4.

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

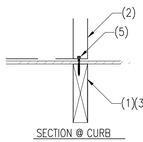
REGISTERED PROFESSIONAL ENGINEER
ANDREA R. TOPPO
15838
ALLEN ROY ROOD
06-15-20
Date Signed
ARIZONA, U.S.A.
EXP. 03/31/22

Drawn by:	Checked by:
ARR	MWK
Project No.	Date:
2019.12	10JUNE2020

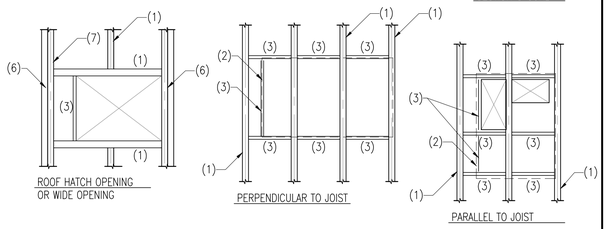
FND DETAILS

S5

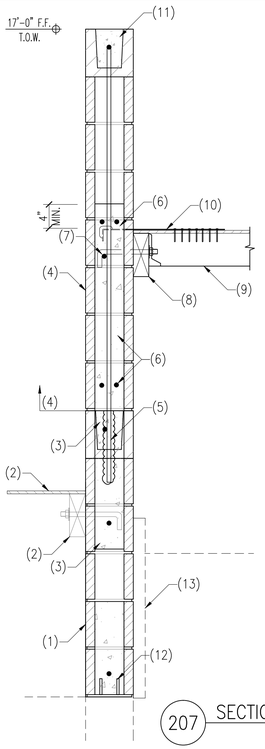
NOTES:
1. ROOF JOIST OR BEAM PER PLAN.
2. RTU CURB. SEE MECHANICAL DRAWINGS.
3. (2) 2x4 W/SIMPSON "F24-2" HANGER.
4. OMIT.
5. (2) #8 MIN. SCREWS EACH SIDE OF CURB, (8) TOTAL PER UNIT.
6. DOUBLE JOIST TO 48" MAX. O.C.
7. VERIFY SIZE & LOCATION WITH MECH'L.



SECTION @ CURB

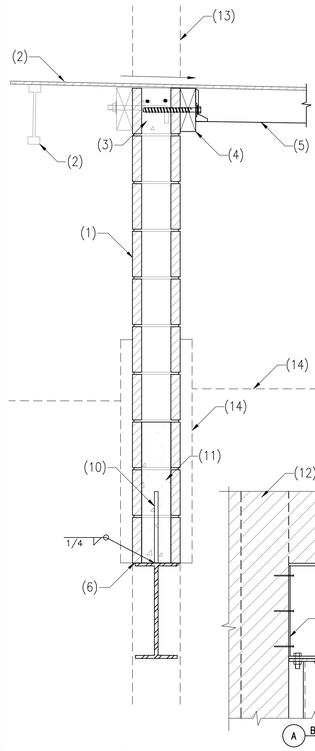


209 RTU SUPPORT FRAMING PLAN
N.T.S.



NOTES:
1. EXISTING 8" CMU WALL.
2. EXISTING ROOF FRAMING.
3. EXISTING GROUTED BOND BEAM.
4. ADDED 8" CMU WALL & PARAPET W/#5 @ 32" O.C. VERTS.
5. EPOXY #5 BARS 10" MIN. INTO EXISTING WALL TOP.
6. SOLID GROUT ALL CELLS UP TO NEW ROOF BOND BEAM W/(2) #5 HORIZ. TOP & BOTTOM.
7. ADD (1) #5 HORIZ. @ ROOF LEDGER.
8. WOOD LEDGER PER PLAN.
9. 2x6 JOIST IN SIMPSON "HF26N" HANGERS. EPOXY #5 BARS 10" MIN. INTO EXISTING WALL TOP.
10. SIMPSON "PAI23" WALL ANCHOR @ 4'-0" O.C. W/MIN. (9) .148ø x3" NAILS TO 3x6 OR DOUBLE 2x6.
11. CONTINUOUS BOND BEAM PER G.S.N.
12. LT. GAGE MASONRY LINTEL PER PLAN.
13. FINISH PER ARCH'L.

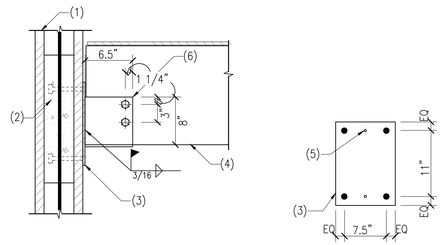
207 SECTION @ NEW OPENING
N.T.S.



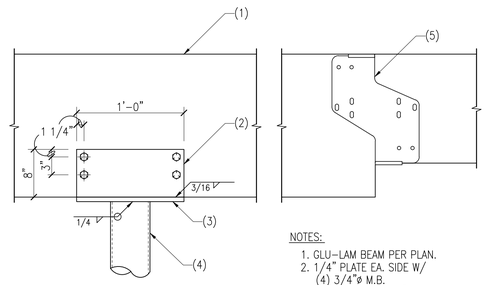
NOTES:
1. EXISTING 8" CMU WALL.
2. EXISTING ROOF FRAMING.
3. EXISTING GROUTED BOND BEAM.
4. WOOD LEDGER PER PLAN W/3/4"øx8.5" TITEN HD SCREW BOLTS.
5. 2x6 JOIST IN SIMPSON "UF26N" HANGERS.
6. STEEL LINTEL BEAM PER PLAN.
7. STEEL COLUMN PER PLAN.
8. STEEL BEARING PLATE 7"x10"x 5/8" W/(4) 3/4"ø M.B. TO BEAM.
9. 5/16" STEEL END PLATE. WELD W/ 5/16" FILLET TO BEAM WEB & FLANGES. SECURE TO WALL W/(6) .157"øx1 1/2" SHOT PINS PER G.S.N. THRU PRE-PUNCHED HOLES 1/2"x3 1/2" VERTICAL SLOTTED.
10. #5x12" A706 BEAM DOWELS @ 32" O.C. MAX. INTO OPEN CELLS. FIELD VERIFY CELLS FOR LAYOUT.
11. GROUT OPEN CELLS W/DOWELS FOR 24" MIN. HEIGHT.
12. GROUTED & REINFORCED EDGE CELL PER PLAN.
13. PARAPET TO BE REMOVED ABOVE OPENING.
14. FINISH PER ARCH'L.

208 SECTION @ NEW OPENING
N.T.S.

NOTES:
1. MASONRY WALL PER PLAN AND G.S.N.
2. SOLID GROUT, REINFORDED CELLS PER PLAN.
3. STEEL EMBED PLATE 10"x14"x3/8" W/(4) 3/4"øx6" ANCHORS.
4. WOOD BEAM PER PLAN.
5. 5/16"ø HOLE FOR 1/4"øx1 3/4" TITEN SCREW ALL EMBED PLATES TO BE SCURED TO WALL PRIOR TO GROUTING. (1) SCREW PER (2) BOLTS.
6. 1/4" BENT U-PLATE BUCKET W/ (2) 3/4"ø M.B.

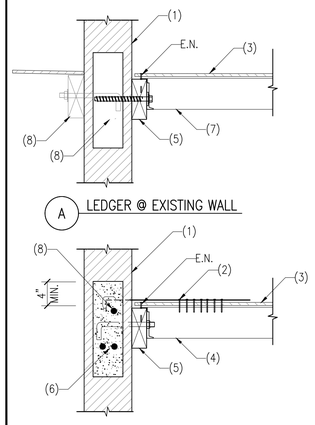


204 WOOD BEAM @ CMU WALL
N.T.S.



NOTES:
1. GLU-LAM BEAM PER PLAN.
2. 1/4" PLATE EA. SIDE W/ (4) 3/4"ø M.B.
3. 5/8" BRG. PLATE 1" WIDER THAN BEAM AND COLUMN, SLOPE SEAT TO MATCH ROOF SLOPE.
4. COLUMN PER PLAN.
5. SIMPSON "HCCTA" 5-5 HINGE.

205 COLUMN CAP AND HINGE
N.T.S.

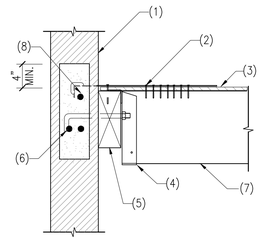


A LEDGER @ EXISTING WALL

NOTES:
1. MASONRY WALL.
2. "PAI23" ANCHOR @ 4'-0" O.C. MAX. WITH MIN. (9) .148"øx3" NAILS TO 3x JOIST.
3. SHEATHING PER PLAN & G.S.N.
4. 3x6 JOIST BELOW ANCHOR & STRAP W/ "F36" HGR.
5. LEDGER PER PLAN. USE 3/4"øx8.5" TITEN HD SCREW BOLTS AT EXISTING WALL.
6. 16" MIN. CONT. GROUTED BOND BEAM PER G.S.N.
7. JOIST PER PLAN.
8. EXISTING FRAMING & CMU BOND BEAM.

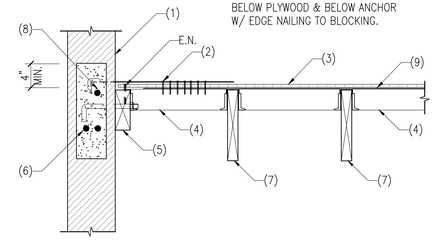
206 SMALL ROOF LEDGER
N.T.S.

NOTES:
1. MASONRY WALL.
2. "PAI23" ANCHOR @ 4'-0" O.C. MAX. WITH MIN. (9) .148"øx3" NAILS TO JOIST.
3. SHEATHING PER PLAN & G.S.N.
4. SIMPSON "MITXX" HANGER.
5. LEDGER PER PLAN.
6. 16" MIN. CONT. GROUTED BOND BEAM PER G.S.N.
7. JOIST PER PLAN.
8. ADD EXTRA #5 BAR @ WALL ANCHOR; TO BE CONTINUOUS.



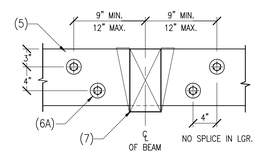
201 JOIST @ WOOD LEDGER.
N.T.S.

NOTES:
1. MASONRY WALL.
2. "PAI23" ANCHOR @ 4'-0" O.C. MAX. ALIGN WITH PLYWOOD JOINTS. NAIL THRU PLYWOOD & STRAP INTO BLOCKING. WITH MIN. (9) .148"øx3" NAILS TO BLOCK.
3. SHEATHING PER PLAN & G.S.N.
4. 3x4 BLOCKING BELOW ANCHOR & STRAP W/ "F34" HGR.
5. LEDGER PER PLAN.
6. 16" MIN. CONT. GROUTED BOND BEAM PER G.S.N.
7. JOIST PER PLAN.
8. ADD EXTRA #5 BAR @ WALL ANCHOR; TO BE CONTINUOUS.
9. 3" WIDE BY 20-ga. UNPUNCHED GALV STRAP x10'-0" LONG. PLACE BELOW BELOW PLYWOOD & BELOW ANCHOR W/ EDGE NAILING TO BLOCKING.

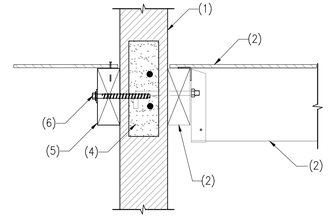


202 NON-BRG. ROOF LEDGER
N.T.S.

NOTES:
1. EX. MASONRY WALL.
2. EX. ROOF FRAMING. WITH MIN. (9) .148"øx3" NAILS TO JOIST.
3. SHEATHING PER PLAN & G.S.N.
4. EX. MAS. BOND BEAM.
5. 3.5"x9.5" LSL BEAM/ LEDGER PER PLAN.
6. 3/4"ø TITEN HD SCREW ANCHORS @ 32" O.C. 5 1/2" MIN. EMBEDMT.
6A. (4) 3/4"ø TITEN HD SCREW ANCHORS AT BEAM. 5 1/2" MIN. EMBEDMT.
7. WOOD BEAM PER PLAN IN "HB5.25" HANGER.



A BEAM @ LEDGER



203 WOOD LEDGER.@ EXIST'G WALL
N.T.S.

ROOD ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
11142 N. Ashland Way Avondale, AZ 85392
Phone: 602-269-7552

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly
- Architects, Ltd. -
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829-7667

Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

REGISTERED PROFESSIONAL ENGINEER
ARIZONA U.S.A.
15838
ALLEN ROY ROOD
06-15-20
Signed
EXP. 03/31/22

Drawn by:	Checked by:
ARR	MWK
Project No.	Date:
2019.12	10JUNE2020

ROOF DETAILS

S6

MAKE–UP AIR UNIT (MUA) ON ROOF WITH FULL SIZE DUCT THROUGH ROOF.

NEW 4 TON RTU W/ FULL SIZE S&R DUCTS THROUGH ROOF

CONDENSING UNITS FOR WALK–IN COOLER/FREEZER BY OTHERS. SHOWN FOR REFERENCE ONLY.

1 1/2" COOLER/CONDNESATE DRAIN DOWN TO FLOOR SINK.

FOUR 24x24 LAY–IN RETURN AIR GRILLS IN CEILING.

NEW 4 TON RTU W/ FULL SIZE S&R DUCTS THROUGH ROOF

VENTILATION CALCULATION

IMC 403 –– ASHRAE 62.1

Vbz = Rp(403.3) x Pz + Ra(403.3) x Az

5.4 CFM = 5 x .32 OCC + .06 x 64 SF (OFFICE)

53.0 CFM = 5 x OCC + .12 x 444 SF (STORAGE)

58.4 CFM MIN. OSA INCREASED TO 500 CFM FOR MUA

967 CFM = 0.7 x 1382 SF (KITCHEN EXHAUST)

HVAC SYSTEM BALANCE

UNIT	+CFM	–CFM
2 TON	100	0
4 TON	200	0
4 TON	200	0
MUA–1	3270	0
EF1	0	60
KEF–1	0	1817
KEF–2	0	1817
KEF–3	0	1050
TOTAL	+3770*	–4684

+3770 TOTAL OSA/MUA
–4684 TOTAL EXHAUST
– 914 CFM NEGATIVE AT KITCHEN

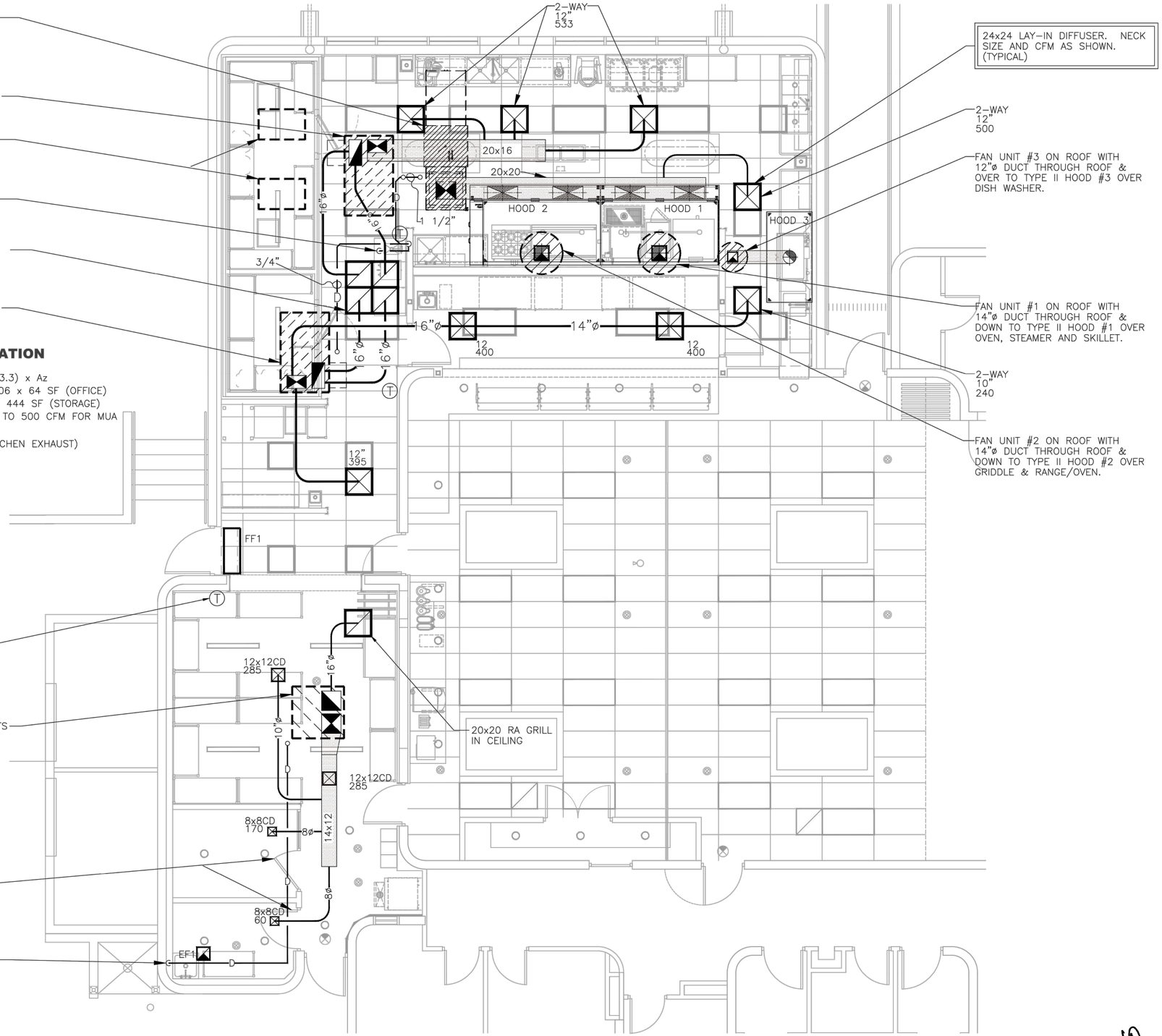
*DINING A/C TO CONTRIBUTE 974 CFM TO KITCHEN FOR TOTAL BALANCE

PROVIDE T–STAT W/ LOCKING COVER @ 54" AFF. (TYPICAL)

NEW 2 TON RTU WITH S&R DUCTS THROUGH ROOF.

OFFICE & JAN ROOM DOORS SHALL BE UNDER–CUT 1"

3/4" CONDENSATE DRAIN SHALL DISCHARGE DOWNWARD INTO SS AT 1" ABOVE RIM.



MECHANICAL FLOOR PLAN

1/4"=1'0" NORTH

MechNovation, Inc.™
6703 North 11th Avenue
Phoenix, AZ 85013
Job 19066
T 602 502 7088
F 480 287 9649
2 Thes. 3:10

LOUIE C. PANOPIO 22951 CERTIFICATE NO. REGISTERED PROFESSIONAL ENGINEER (MECHANICAL) ARIZONA, U.S.A.

EXPIRES 12/31/21

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly – Architects, Ltd. –
331 North First Avenue Suite 108
Phoenix, AZ 85003 (480) 829–7667

Revisions:

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
JCR	SK
Project No.	Date:
2019.12	10JUN2020

MECHANICAL FLOOR PLAN

M01.00

MECHANICAL EQUIPMENT SCHEDULE

A/C SYSTEM – (HIGH EFFICIENCY) ROOFTOP PACKAGE HEAT PUMPS WITH NO AUX HEAT

TONS	CFM	SP	SENSIBLE COOL	RLA COMPR.	FLA ODF	FLA IDF	VOLTAGE	EFF	MODEL	LBS
2	800	0.5	15,400	13.5	0.9	4.1	208 1	14.0 SEER	BHQ024	355
4	1600	0.5	34,500	13.1	1.4	7.8	208 3	15.0 SEER	XYE05	614

1. UNITS ARE MANUFACTURED BY FRASER–JOHNSTON.
2. PROVIDE FACTORY CURB, ECONOMISER AND FILTER RACK FOR ALL UNITS.
3. BELT DRIVEN INDOOR BLOWER.
4. SENSIBLE CAPACITIES ARE FOR 115/80/67.

FLY FANS

MARK	MOUNTED	HP	VOLTS/PH	MAUNFACTURER	MODEL	NOZZLE FPM	NOZZLE CFM	REMARKS
FF1	WALL	(1)1/6	120/1	MARS	LPV2–48	1800	1200	48" LONG 40 LBS. W/ DOOR SWITCH

EXHAUST FANS

MARK	MOUNTED	TYPE	CFM	SP	WATT/HP	VOLT/PH	MANUFACTURER	MODEL	REMARKS
EF1	CEILING	CENTRIF.	60	.125"	29	120/1	LOREN COOK	GEM II	3.25"x10" DISCH TO ROOF VENT.

HOOD INFORMATION – Job#4124057

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	APPLIANCE DUTY	DESIGN CFM/ft	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.	S.P.	TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	40	6030 ND–2–PSP–F	9' 1"	600 Deg.	Heavy	200	1817			4"	14"	1817	1700	–0.680"	1817	430 SS Where Exposed	LEFT	ALONE
2	40	6030 ND–2–PSP–F	9' 1"	600 Deg.	Heavy	200	1817			4"	14"	1817	1700	–0.680"	1817	430 SS Where Exposed	RIGHT	ALONE
3	76	4230 VHB–G	7' 0"	700 Deg.	N/A	150	1050			4"	12"	1050	1337	–0.129"	0	430 SS 100%	ALONE	ALONE

Captive Aire Systems Arizona
Contact Kelly Ryan, Tim Mathis or Spencer Alverson
1717 E. Bell Rd. Ste 12 Phoenix, AZ 85022
PHONE: (480) 926–6810, (855) 926–6810
FAX: (480) 926–6811

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY.	TYPE	WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S) FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WGHT
1	40	Captrate Solo Filter	6	20"	16"	85% See Filter Spec.	3	L55 Series E26	NO							YES	566 LBS
2	40	Captrate Solo Filter	6	20"	16"	85% See Filter Spec.	3	L55 Series E26	NO	Right	12"x60"x30"	Ansul R102	3.0/3.0	DCV–2111	1 Light 1 Fan	YES	751 LBS
3	76						0									NO	242 LBS

EXHAUST FAN INFORMATION – Job#4124057

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES
1	KEF–1	DU180HFA	1817	1.250	1110	1.000	0.5980	3	208	3.8	420 FPM	153	13.4
2	KEF–2	DU180HFA	1817	1.250	1110	1.000	0.5980	3	208	3.8	420 FPM	153	13.4
3	KEF–3	DU50HFA	1050	0.350	1385	0.500	0.2660	1	115	6.3	399 FPM	75	13.7

MUA FAN INFORMATION – Job#4124057

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	ø	VOLT	FLA	MCA	MOCP	EVAP COOLER ENTERING DB TEMP.	EVAP COOLER ENTERING WB TEMP.	EVAP COOLER LEAVING DB TEMP.	EVAP COOLER LEAVING WB TEMP.	WEIGHT (LBS.)	SONES
4	MUA–1	A2–20D	20MF–2–MOD	A2	–	3770	0.400	1257	2.000	1.0500	3	208	8.3	10.4A	15A	109.0°F	71.0°F	87.0°F	71.0°F	682	14.5

MECHANICAL CONTRACTOR SHALL VERIFY ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL DRAWINGS PRIOR TO ORDERING MECHANICAL EQUIPMENT.

MECHANICAL NOTES

GENERAL
1 THE MECHANICAL CONTRACTOR SHALL COORDINATE T–STAT (SENSOR) LOCATIONS WITH THE ARCHITECT & OWNER.
2 PROVIDE ALL NECESSARY MATERIALS, EQUIPMENT, FEES, PERMITS ETC. NEEDED FOR A COMPLETE INSTALLATION.
3 THIS CONTRACT SHALL BE COMPLETED IN ACCORDANCE WITH 2018 IMC AND ALL OTHER APPLICABLE CODES, ORDINANCES AND AMENDMENTS BY WHICH IT HAS BEEN PERMITTED.
4 COORDINATE ALL MECHANICAL WORK WITH ARCHITECT AND OTHER TRADES PRIOR TO ANY CONSTRUCTION.
5 TERMINATE EXHAUST DUCTS AND PLUMBING VENTS MINIMUM 10 FEET HORIZONTALLY FROM OR 3 FEET ABOVE ALL AIR INTAKES. COORDINATE WITH PLUMBING CONTRACTOR.
6 EQUIPMENT AND APPLIANCES SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL, IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, THE MANUFACTURER'S INSTALLATION INSTRUCTION AND THE IMC. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE AT THE TIME OF INSPECTION.

EQUIPMENT
1 LOCATE ALL MECHANICAL EQUIPMENT IN COMPLIANCE WITH THE I.M.C.
2 ALL NEW HVAC EQUIPMENT SHALL BE U.L., E.T.L., AND /OR AGA LISTED.
3 PROVIDE FARR 30–30 DISPOSABLE FILTERS, FRAMES, HARDWARE AND ACCESSORIES FOR USE DURING CONSTRUCTION. PROVIDE NEW DISPOSABLE FILTERS PRIOR TO BALANCING THE SYSTEM.
4 MAG STARTERS ARE PROVIDED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS REQUIRED.
5 MECHANICAL CONTRACTOR TO VERIFY AND COORDINATE AVAILABLE VOLTAGE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.
6 PROVIDE MINIMUM 30" CLEARANCE OR MANUFACTURER'S REQUIREMENT WHICHEVER IS GREATER ON THE SERVICE SIDE OF MECHANICAL EQUIPMENT.

DUCTWORK
1 THE MECHANICAL CONTRACTOR SHALL COORDINATE SPACE AVAILABILITY FOR MECHANICAL SYSTEMS WITH FRAMERS, TRUSS MANUFACTURERS, STRUCTURAL AND ELECTRICAL CONTRACTORS PRIOR TO ANY CONSTRUCTION TO AVOID RELOCATING DUCTWORK AT THE MECHANICAL CONTRACTOR'S EXPENSE.
2 PROVIDE MANUAL DAMPER AT EACH SUPPLY REGISTER AND CEILING DIFFUSER. PROVIDE MANUAL SPIN–IN DAMPER AT EACH BRANCH CONNECTION FOR DIFFUSERS IN LAY–IN CEILINGS AND OPPOSED BLADE DAMPER IN HARD LID MOUNTED DIFFUSERS.
3 BRANCH DUCTS SHALL BE RIGID ROUND. THE FINAL CONNECTION TO THE DIFFUSER MAY BE MADE WITH FLEX DUCT. FLEX DUCT LENGTH SHALL NOT EXCEED 8'0".
4 USE GALVANIZED SHEET METAL FOR ALL NEW DUCTWORK. CONSTRUCT AND INSTALL IN ACCORDANCE WITH ASHRAE GUIDELINES, CHAPTER 6 OF THE 2018 IMC AND THE LATEST SMACNA STANDARDS FOR LOW PRESSURE DESIGN.
5 USE THERMAFLEX TYPE KM OR APPROVED EQUAL FLEX DUCT CONFORMING TO UL 181, NFPA 90A AND 90B.
6 MECHANICAL CONTRACTOR TO VERIFY THAT ALL DUCTWORK WILL FIT AS DESIGNED.
7 DUCTS SHALL BE OF SIZES SHOWN ON THE DRAWINGS UNLESS LOCATION OF STRUCTURAL MEMBERS PROHIBIT. THE AREA OF THE DUCT SHALL BE MAINTAINED IF A CHANGE IS NEEDED. THE DUCT SIZES SHOWN ARE CLEAR INSIDE INCLUDING ANY DUCT LINERS.
8 SUPPORT ALL NEW & EXISTING DUCTS WITH HANGERS TO THE STRUCTURE. PLACE SUPPORTS NOT OVER 8 FEET APART ALONG THE LENGTH OF THE DUCT. SHEET METAL SHALL BE:
UP TO 12" WIDTH 26 GAUGE STEEL
13" TO 30" WIDTH 24 GAUGE STEEL
31" TO 60" WIDTH 22 GAUGE STEEL
FLEX DUCT SHALL BE SUPPORTED BY 1 1/2" 26 GAUGE STEEL STRAP NOT MORE THAN FOUR FEET APART.
9 EXHAUST DUCTS SHALL BE 26 GAUGE GALVANIZED STEEL.
10 USE CLASS "0" OR CLASS "1" FOR ALL "FACTORY MADE" DUCT.
11 INSTALL RADIUS ELBOWS, TURNING VANES, EXTRACTORS AND SPLITTER DAMPERS IN DUCTWORK WHERE APPLICABLE.
12 ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK, SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS, MASTIC+EMBEDDED–FABRIC SYSTEMS OR TAPES. TAPES AND MASTICS USED TO SEAL DUCTWORK SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A AND SHALL BE MARKED 181A–P FOR PRESSURE–SENSITIVE TAPE. TAPES AND MASTICS USED TO SEAL FLEXIBLE AIR DUCT AND FLEXIBLE CONNECTORS SHALL COMPLY WITH UL 181B AND SHALL BE MARKED 181B–FX FOR PRESSURE–SENSITIVE TAPE OR 181M FOR MASTIC. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. UNLISTED DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS.

OUTLETS
1 THE MECHANICAL CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF ALL AIR DISTRIBUTION DEVICES WITH ALL TRADES PRIOR TO ANY CONSTRUCTION.
2 SQUARE DIFFUSERS (CD) SHALL BE PRICE TYPE "SCD" OR APPROVED EQUAL, NECK SIZE AS INDICATED.
3 RETURN AIR GRILLES SHALL BE PRICE TYPE "60/70" OR APPROVED EQUAL.

CONTROLS
1 THERMOSTATS SHALL BE 7–DAY PROGRAMMABLE SET WITH FAN ON CONTINUOUSLY – HONEYWELL #8000 OR EQUAL. CONTRACTOR AND OWNER/TENANT TO COORDINATE T–STAT/SENSOR LOCATIONS. SYSTEM IS INTENDED TO OPERATE CONTINUOUSLY TO MAINTAIN VENTILATION REQUIREMENTS DURING OCCUPANCY.
2 THE MECHANICAL CONTRACTOR SHALL VERIFY IF AN ENERGY MANAGEMENT SYSTEM EXISTS AND PROVIDE THE NECESSARY DEVICES TO INTER–CONNECT ALL NEW MECHANICAL UNITS PRIOR TO INSTALLATION.

DRAINS
1 EXTEND SCHEDULE 40 PVC CONDENSATE DRAIN AS SHOWN. MIN 1% SLOPE.
USE TYPE 'M' COPPER IN EXTERIOR AREAS.

INSULATION
1 PROVIDE 1/2" ACCOUSTIC INTERNAL LINER IN SUPPLY AND RETURN DUCTWORK FROM THE DUCT CONNECTION TO THE UNIT AND LINE THE FIRST 10 FEET FROM THE A/C UNIT.
2 ALL INSULATION, MATERIAL, COVERINGS, ADHESIVES, VAPOR–BARRIERS AND TAPES SHALL CONFORM TO NFPA '90A, FLAME SPREAD CLASSIFICATION NOT TO EXCEED 25 AND SMOKE DEVELOPMENT NOT TO EXCEED 50.
3 ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R6 INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND A MINIMUM OF R8 INSULATION WHERE LOCATED OUSTISDE THE BUILDING. WHERE LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R8 INSULATION. IECC C403.2.7.

TESTING
1 TEST AND BALANCE SYSTEM TO APPROXIMATE CFM INDICATED ON MECHANICAL FLOOR PLAN. MARK ALL FINAL DAMPER SETTINGS WITH A PAINT DOT. THE BALANCE SHALL BE PERFORMED BY AN INDEPENDENT NEBB OR AABC CERTIFIED BALANCE CONTRACTOR. SUBMIT REPORT TO MechNovation, Inc. AND THE MECHANICAL INSPECTOR PRIOR TO CERTIFICATE OF OCCUPANCY.

KITCHEN
1 PROVIDE AN ELECTRICAL INTERLOCK FOR THE FOLLOWING EQUIPMENT: THREE KEF AND MUA.
2 ANSUL SYSTEM PROVIDED AND INSTALLED BY KITCHEN CONTRACTOR.
3 KITCHEN HOOD AND EXHAUST DUCTWORK TO CONFORM TO IMC CHAPTER 5.
4 SLOPE ALL HORIZONTAL EXHAUST DUCTS AT 1/4" PER FOOT TOWARDS HOOD INTAKE.
5 PROVIDE CLEAN–OUT ACCESS PANELS AS SHOWN HAVING A FIRE RESISTIVE RATING EQUAL TO SHAFT ENCLOSURE.
6 EXTERNAL WELD ALL JOINTS & SEAMS OF ALL KITCHEN EXH.DUCTS. PROVIDE NECESSARY EQUIPMENT TO PROVIDE LIGHT OR SMOKE TEST WITNESSED BY CITY INSPECTOR. IMC 506.3.2.1 & 506.3.2.2.
7 FOR TYPE 1 HOOD DUCT GA. #16 MFG. STD. GA. STEEL OR #18 MFG STD. GA. STAINLESS.
8 MECH. CONTR. TO COORDINATE EXACT KITCHEN HOOD OPENINGS W/KITCHEN CONTR. PRIOR TO ANY CONSTRUCTION.
9 TYPE I EXHAUST HOODS SHALL AUTOMATICALLY ACTIVATE WHEN COOKING OPERATIONS OCCUR –– INTERLOCK WITH COOKING APPLIANCES, HEAT SENSOR OR OTHER APPROVED MEANS. SEE HOOD MANUFACTURER'S INFORMATION SHEETS.
10 TYPE I HOODS SHALL BE INSTALLED WITH A CLEARANCE TO COMBUSTIBLES OF NOT LESS THEN 18 INCHES INCLUDING BUT NOT LIMITED TO STRUCTURAL COMPONENTS, CEILING FINISHES, AND MAKE–UP AIR DUCTS. GREASE DUCT SHALL HAVE A MINIMUM CLEARANCE OF 18" TO ANY COMBUSTIBLE CONSTRUCTION. CLEARANCE TO NON–COMBUSTIBLE CONSTRUCTION OR (2) LAYERS OF 5/8" TYPE X GYPSUM BOARD ATTACHED TO METAL STUDS SHALL BE MINIMUM THREE INCHES. IMC 506.3.6
11 EXHAUST HOOD PERFORMANCE TEST: A PERFORMANCE TEST SHALL BE CONDUCTED UPON COMPLETION AND BEFORE FINAL APPORVAL OF THE INSTALLATION OF VENTILATION SYSTEMS SERVING COMMERCIAL COOKING APPLIANCES. THE TEST SHALL VERIFY THE RATE OF EXHAUST AND MAKEUP AIR REQUIRED TO MEET THE U.L. LISTED VOLUMES AND PROPER OPERATION SPECIFIED BY THE HOOD MANUFACTURER. THE PERMIT HOLDER SHALL FURNISH THE NECESSARY TEST EQUIPMENT AND DEVICES REQUIRED TO PERFORM THE TESTS.
12 COMMERCIAL KITCHEN HOODS SHALL BE LISTED AND LABELED IN ACCORDANCE WTIH UP710.
13 EXHAUST FANS TO BE OF NON–SPARKING CONSTRUCTION AND SHALL HAVE UL 762 LISTING FOR RESTAURANT EXHAUST APPLICTATIONS. IMC 506.5.1
14 IF A BUILDING FIRE ALARM SYSTEM IS INSTALLED, THE HOOD FIRE–SUPPRESSION SYSTEM SHALL BE MONITORED BY THE FIRE ALARM SYSTEM.

MechNovation, Inc.™
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Job 19066
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LOUIE C. PANOPIO 22951 REGISTERED PROFESSIONAL ENGINEER ARIZONA, U.S.A.
EXPIRES 12/31/21

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Revisions:
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BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
JR	SK
Project No.	Date:
2019.12	10JUN2020

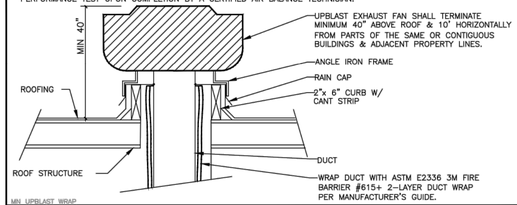
MECHANICAL SCHEDULES & DETAILS

M02.00

EXHAUST FANS SERVING TYPE I EXHAUST HOODS SHALL COMPLY WITH IMC 506.5.1 – 506.5.6.

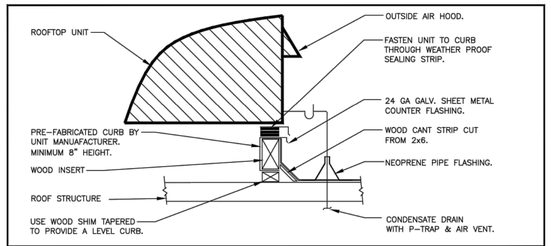
PROVIDE THIRD PARTY INSPECTION OF DUCT WRAP WITH SIGNED SEALED INSPECTION REPORT TO THE MECHANICAL INSPECTOR.

PROVIDE THIRD PARTY INSPECTION AND CERTIFIED REPORT OF HOOD CAPTURE & CONTAINMENT PERFORMANCE TEST UPON COMPLETION BY A CERTIFIED AIR BALANCE TECHNICIAN.



EXHAUST FAN MOUNTING DETAIL

NTS



PACKAGED A/C MOUNTING DETAIL

NTS

EXHAUST FANS SERVING TYPE I EXHAUST HOODS SHALL COMPLY WITH IMC 506.5.1 – 506.5.6.

PROVIDE THIRD PARTY INSPECTION OF DUCT WRAP WITH SIGNED SEALED INSPECTION REPORT TO THE MECHANICAL INSPECTOR.

PROVIDE THIRD PARTY INSPECTION AND CERTIFIED REPORT OF HOOD CAPTURE & CONTAINMENT PERFORMANCE TEST UPON COMPLETION BY A CERTIFIED AIR BALANCE TECHNICIAN. SUBMIT FINAL REPORT TO ARCHITECT/ENGINEER.

KITCHEN HOOD / EXH. FAN DETAIL

NTS

EVAP COOLER MOUNTING DETAIL

NTS

COMcheck Software Version 4.1.1.0

Mechanical Compliance Certificate

Project Information

Energy Code:	2018 IECC
Project Title:	
Location:	Buckeye, Arizona
Climate Zone:	2b
Project Type:	Alteration
Construction Site:	Owner/Agent: Designer/Contractor:

Mechanical Systems List

Quantity	System Type & Description
1	HVAC System 1 (Single Zone): Single Package Heat Pump, Heating Mode: Capacity = 15 kBtu/h, Proposed Efficiency = 8.00 HSPF, Required Efficiency = 8.00 HSPF, Cooling Mode: Capacity = 15 kBtu/h, Proposed Efficiency = 14.00 SEER, Required Efficiency: 14.00 SEER, Fan System: None
2	HVAC System 2 (Single Zone): Single Package Heat Pump, Heating Mode: Capacity = 35 kBtu/h, Proposed Efficiency = 8.00 HSPF, Required Efficiency = 8.00 HSPF, Cooling Mode: Capacity = 35 kBtu/h, Proposed Efficiency = 15.00 SEER, Required Efficiency: 14.00 SEER, Fan System: None

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Report date: 06/17/20
Data filename: C:\Users\jess\Documents\MechNovation Jobs\19 JOBS\19066 Buckeye Community Center\19066 COMcheck.cck Page 1 of 10

COOLING / HEATING CALCULATIONS

JOB: BUCKEYE CC		NUMBER 19066			DATE: 01.02.20		DESIGNED: JR	SHEET #: #VALUE!	
ZONE: BLOCK							SQ.FT. = 1890		
FEN		SQ. FT.	SLR			DPT	SUB-TOTAL	HTG DT	SUB-TOTAL
S	SO	32	52			0.25	416		
S	SH	0	27			0.25	0		
S	TR	32	32			0.65	665.6	45	936
14" WALLS			MASS U			MASONRY CLTD			
	N	196		0.05		29	284.2	45	441
	E	967		0.05		46	2224.1	45	2175.75
	S	612		0.05		44	1346.4	45	1377
	W	364		0.05		39	709.8	45	819
	ROOF	1890	0.83	60			3402	45	5103000
	CFM OSA	498.72	1.08	40			21544.704	45	819096
	PC:	2	450				900		
	PPL SENS	9.45	255				2409.75		
	EQUIP.	38200					38200		
	LIGHTS	1890	1.5	3.41			9667.35		
TOTAL:							81769.904		6006444.75
81769.904	8000	10.2 TONS		4088 CFM	SQFT/TON=	185			

NOTE: CALCULATIONS WERE PERFORMED WITH GENERAL ELECTRIC LOAD CALCULATION PROGRAM IN COMPLIANCE WITH ASHRAE FUNDAMENTALS.
FENESTRATION & OPAQUE VALUES IN ACCORDANCE WITH 2018 IECC CHAPTER 4.

10 DESIGNED / 10.2 TONS CALCULATED = 98%

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LOUIE C. PANOPIO 22951 REGISTERED PROFESSIONAL ENGINEER ARIZONA, U.S.A.
EXPIRES 12/31/21

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Revisions:

1
2
3
4

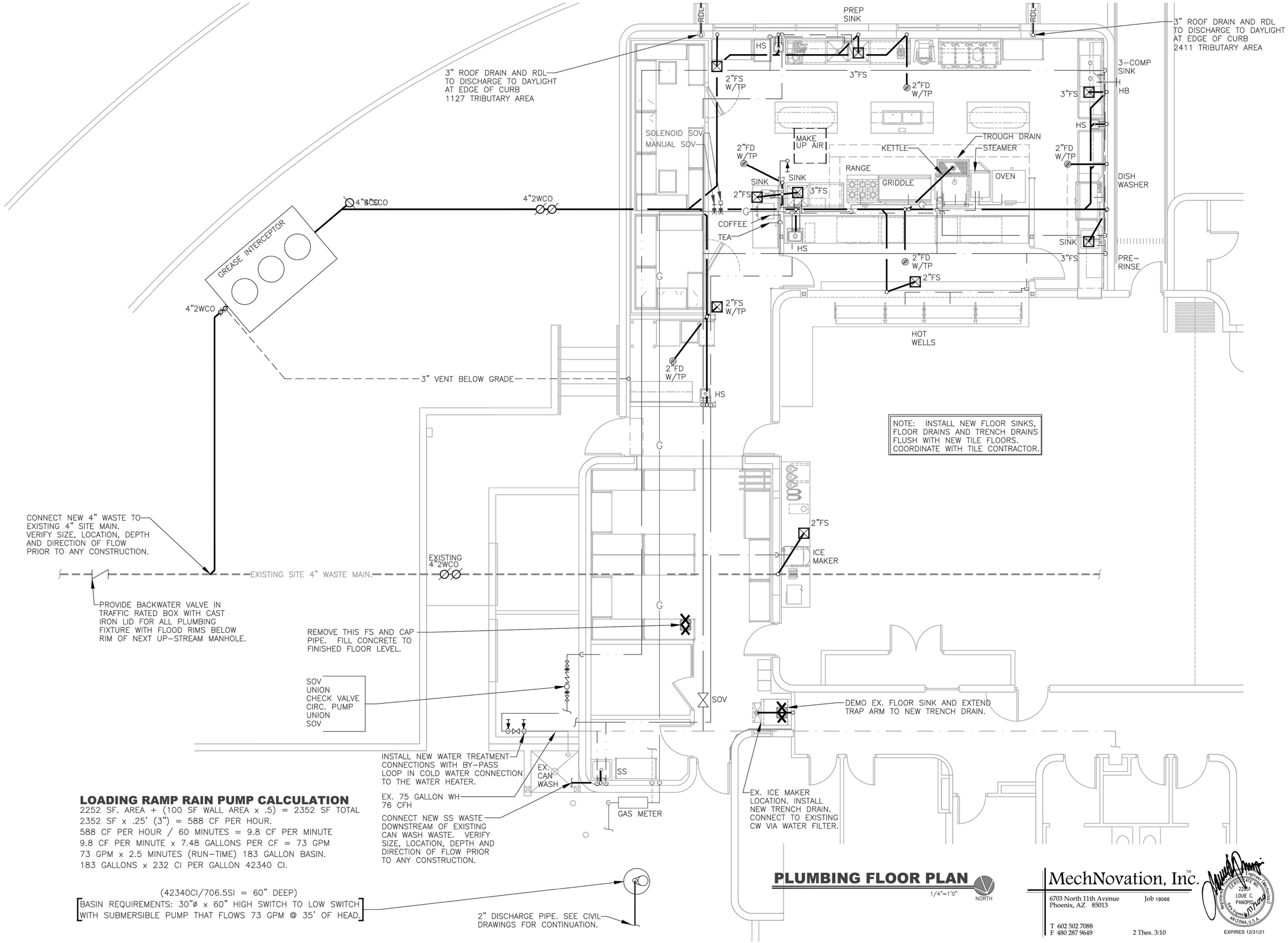
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
JR	SK
Project No.	Date:
2019.12	10JUN2020

MECHANICAL COMCHECK

M02.01



LOADING RAMP RAIN PUMP CALCULATION

2252 SF. AREA + (100 SF WALL AREA x .5) = 2352 SF TOTAL
2352 SF x .25' (3") = 588 CF PER HOUR.
588 CF PER HOUR / 60 MINUTES = 9.8 CF PER MINUTE
9.8 CF PER MINUTE x 7.48 GALLONS PER CF = 73 GPM
73 GPM x 2.5 MINUTES (RUN-TIME) 183 GALLON BASIN.
183 GALLONS x 232 CI PER GALLON 42340 CI.

(42340CI/706.5SI = 60" DEEP)
BASIN REQUIREMENTS: 30"ø x 60" HIGH SWITCH TO LOW SWITCH WITH SUBMERSIBLE PUMP THAT FLOWS 73 GPM @ 35' OF HEAD.

2" DISCHARGE PIPE. SEE CIVIL DRAWINGS FOR CONTINUATION.

PLUMBING FLOOR PLAN

1/4"=1'0"

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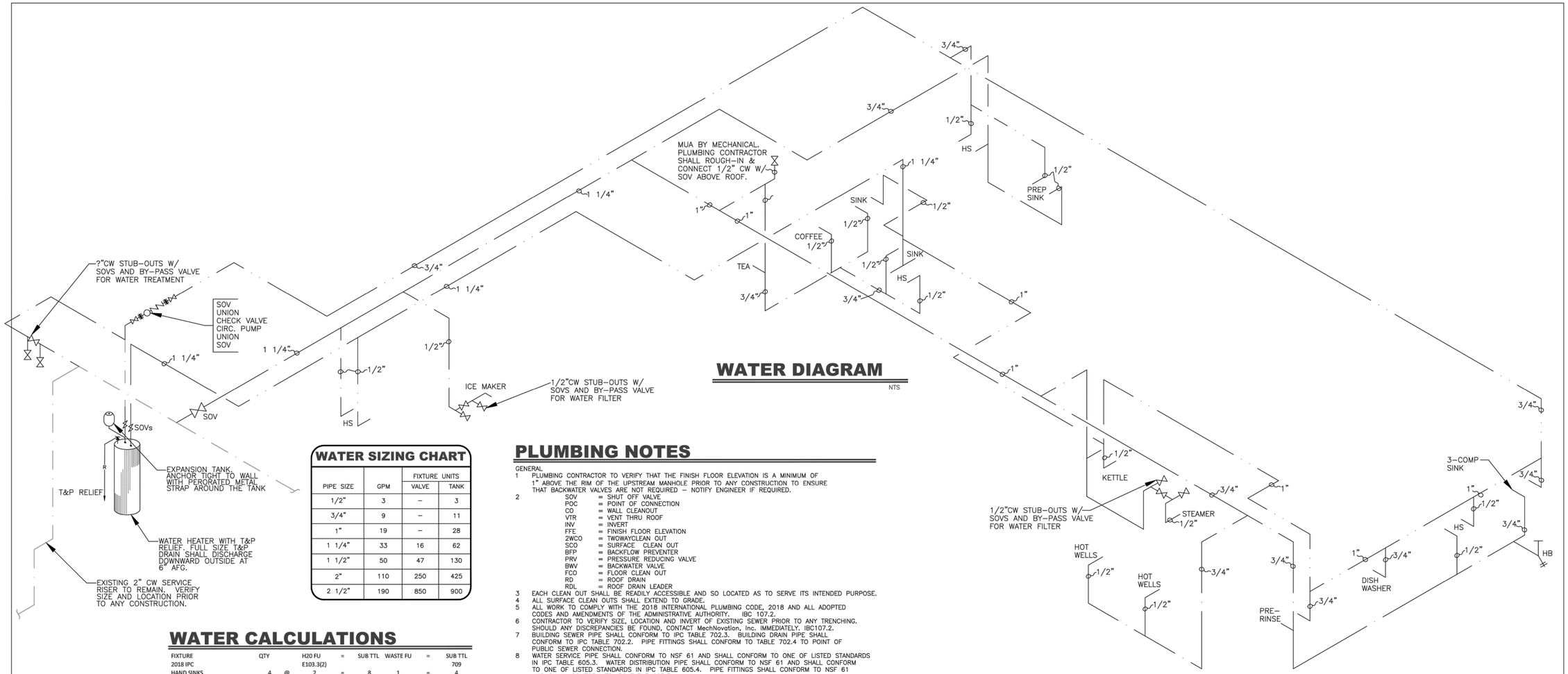
Project No.	Date:
2019.12	10JUN2020

PLUMBING FLOOR PLAN

P01.00



WATER DIAGRAM

NTS

WATER SIZING CHART

PIPE SIZE	GPM	FIXTURE UNITS VALVE	FIXTURE UNITS TANK
1/2"	3	–	3
3/4"	9	–	11
1"	19	–	28
1 1/4"	33	16	62
1 1/2"	50	47	130
2"	110	250	425
2 1/2"	190	850	900

WATER CALCULATIONS

FIXTURE	QTY		H20 FU	=	SUB TTL	WASTE FU	=	SUB TTL
2018 IPC			E103.3(2)					709
HAND SINKS	4	@	2	=	8	1	=	4
KITCHEN SINK (PUBLIC)	5	@	4	=	20	2	=	10
DISHWASHER (PUBLIC)	1	@	4	=	4	2	=	2
FOOD SERVICE/MUA	5	@	2.5	=	12.5	4	=	20
SERVICE SINK	1	@	3	=	3	3	=	3
FLOOR DRAIN	5	@	0	=	0	2	=	10
FIXTURE UNITS THIS PERMIT				=	47.5		=	49
EXISTING FIXTURE UNITS				=	78		=	34
AVAILABLE FUTURE FIXTURE UNITS				=	570.5		=	97
TOTAL SYSTEM FIXTURE UNITS				=	696		=	180
FU TO GPM	696	H20 FU	=	160	GPM			
PRESSURE @ METER			=	65				
COMPONENT PRESSURE LOSS (PSI)								
EX. 2" METER			=	8				
BACKFLOW PREVENTER			=	10				
	12	0.43	=	5.16	(ELEVATION)			
FIXTURE MINIMUM			=	20				
AVAILABLE FOR FRICTION			=	21.84				

ALLOWABLE LOSS/100 FEET OF TOTAL DEVELOPED LENGTH OF PIPE:
(DISTANCE INCLUDES 25% FOR FITTINGS)

FRICTION PER 100' = 100 x 21.84 256 FEET = 8.5 PSI

PLUMBING CONTRACTOR TO VERIFY AND COORDINATE EXACT STREET PRESSURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PLUMBING CONTRACTOR TO PROVIDE A PRESSURE REDUCING VALVE (PRV) ON CUSTOMER SIDE OF WATER METER IF THE STREET PRESSURE EXCEEDS 80 PSI, PRV TO BE SET @ 80 PSI

THE PLUMBING CONTRACTOR TO VERIFY THAT A REDUCED PRESSURE BACKFLOW ASSEMBLY IS EXISTING. IF ONE IS NOT EXISTING, PLUMBING CONTRACTOR IS TO PROVIDE AND INSTALL A WATTS #909 OR EQUAL REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SAME SIZE AS REQUIRED BUILDING WATER SERVICE SIZE ON CUSTOMER SIDE OF METER AS CLOSE AS PRACTICAL TO THE METER. BACKFLOW PREVENTER SHALL BE READILY ACCESSIBLE FOR INSPECTION AND PROVIDED BY OWNER.

BEFORE THE LOCAL JURISDICTION WILL ACCEPT AN INSTALLED BACKFLOW DEVICE FOR APPROVAL, THE FOLLOWING MUST BE ACCOMPLISHED. THE DEVICE MUST BE TESTED BY A STATE CERTIFIED BACKFLOW TESTER AND TEST RESULTS FORWARDED TO THE LOCAL JURISDICTION BACKFLOW SPECIALIST. THE LOCAL JURISDICTION WILL PROVIDE AN UP-TO-DATE LIST OF CERTIFIED TESTERS FROM WHICH TO BE SELECTED. TESTER FEES WILL BE AT THE EXPENSE OF THE INSTALLER.

PLUMBING NOTES

GENERAL
1 PLUMBING CONTRACTOR TO VERIFY THAT THE FINISH FLOOR ELEVATION IS A MINIMUM OF 1" ABOVE THE RIM OF THE UPSTREAM MANHOLE PRIOR TO ANY CONSTRUCTION TO ENSURE THAT BACKWATER VALVES ARE NOT REQUIRED – NOTIFY ENGINEER IF REQUIRED.
2
SOV = SHUT OFF VALVE
POC = POINT OF CONNECTION
CO = WALL CLEANOUT
VTR = VENT THRU ROOF
INV = INVERT
FFE = FINISH FLOOR ELEVATION
2WCO = TWOWAYCLEAN OUT
SCO = SURFACE CLEAN OUT
BFP = BACKFLOW PREVENTER
PRV = PRESSURE REDUCING VALVE
BWV = BACKWATER VALVE
FCO = FLOOR CLEAN OUT
RD = ROOF DRAIN
RDL = ROOF DRAIN LEADER
3 EACH CLEAN OUT SHALL BE READILY ACCESSIBLE AND SO LOCATED AS TO SERVE ITS INTENDED PURPOSE.
4 ALL SURFACE CLEAN OUTS SHALL EXTEND TO GRADE.
5 ALL WORK TO COMPLY WITH THE 2018 INTERNATIONAL PLUMBING CODE, 2018 AND ALL ADOPTED CODES AND AMENDMENTS OF THE ADMINISTRATIVE AUTHORITY. IBC 107.2.
6 CONTRACTOR TO VERIFY SIZE, LOCATION AND INVERT OF EXISTING SEWER PRIOR TO ANY TRENCHING. SHOULD ANY DISCREPANCIES BE FOUND, CONTACT MechNovation, Inc. IMMEDIATELY. IBC107.2.
7 BUILDING SEWER PIPE SHALL CONFORM TO IPC TABLE 702.3. BUILDING DRAIN PIPE SHALL CONFORM TO IPC TABLE 702.2. PIPE FITTINGS SHALL CONFORM TO TABLE 702.4 TO POINT OF PUBLIC SEWER CONNECTION.
8 WATER SERVICE PIPE SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF LISTED STANDARDS IN IPC TABLE 605.3. WATER DISTRIBUTION PIPE SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF LISTED STANDARDS IN IPC TABLE 605.4. PIPE FITTINGS SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO IPC TABLE 605.5.
9 FOR 6–INCH AND SMALLER WASTE PIPING, PROVIDE CLEANOUTS WITHIN EVERY 100 FEET OF STRAIGHT PIPE AND CHANGE IN DIRECTION. IPC 708.3.
10 TEST ALL SEWER AND WATER PIPING PRIOR TO BACKFILL AND COVER. CALL FOR INSPECTION AND WITNESS TESTING PRIOR TO CONCEALING SEWER AND WATER PIPING.
11 FLUSH ALL POTABLE WATER PIPING PRIOR TO OCCUPANCY. IPC 610.

FIXTURES
1 ALL FIXTURES APPLIANCES AND APPURTENANCES SHALL HAVE SHUT–OFF VALVES.
2 PLUMBING FIXTURES TO HAVE THE FOLLOWING MAXIMUM RATE OF FLOW:
SERVICE SK = 3.0 GPM
3 ALL HOSE BIBBS (HB) ARE 3/4" W/VACUUM BREAKER AND LOOSE KEY HANDLES.
4 TRAP PRIMER VALVES SHALL CONFORM TO ASSE 1018 or ASSE 1044, 2012 IPC 1002.4.

INSTALLATION
1 SLOPE ALL SEWER 4" & LARGER @ 1% (1/8" PER FOOT) UNLESS OTHERWISE NOTED. SLOPE ALL SEWER 3" & SMALLER @ 2% (1/4" PER FOOT)
2 COORDINATE WITH MECHANICAL CONTRACTOR TERMINATION OF ALL A/C CONDENSATE DRAINS.
3 PLUMBING CONTRACTOR TO SAW–CUT AND PATCH EXISTING CONCRETE FLOOR AS REQUIRED.
4 INSULATE ALL HOT WATER AND HOT WATER RETURN PIPING.
5 PROVIDE WATER HAMMER ARRESTORS AT EACH QUICK–CLOSING VALVE. (DISH WASHER, ICE MAKER ETC.).
6 THE OVERFLOW DRAIN SHALL BE PROVIDED WITH A STRAINER AND SHALL BE 2" ABOVE ADJACENT ROOF DRAIN.
7 THE OVERFLOW SYSTEM MAY NOT JOIN THE PRIMARY ROOF DRAIN SYSTEM.

MATERIALS
1 DRAIN WASTE & VENT: IAPMO APPROVED ABS OR PVC PIPE AND FITTINGS.
2 POTABLE WATER SHALL CONFORM TO NSF 61 AND BE LABELED ACCORDINGLY PER IPC SECTIONS 605.3 THROUGH 605.7. TYPE "L" HARD COPPER.
3 RAIN WATER: IAPMO APPROVED ABS OR PVC PIPE AND FITTINGS.
4 ROOF DRAIN ASSEMBLY SHALL BE CAST IRON.

GAS
1 COORDINATE GAS PIPE INSTALLATION WITH ALL OTHER TRADES AND GAS COMPANY PRIOR TO ANY WORK.
2 ALL FIXTURES APPLIANCES AND APPURTENANCES SHALL HAVE SHUT–OFF VALVES. USE STANDARD APPLIANCE GAS COCK.
3 APPLIANCE CONNECTORS SHALL NOT EXCEED 3' EXCEPT FOR RANGE CONNECTORS WHICH SHALL NOT EXCEED 6'.
4 APPLIANCE CONNECTORS SHALL NOT EXTEND THROUGH OR BE CONCEALED IN WALLS, FLOORS, PARTITIONS, CEILINGS OR APPLIANCE HOUSINGS.
5 ALL GAS PIPING SHALL BE INSTALLED AT LEAST 6" ABOVE GRADE.
6 JOINTS IN CONCEALED LOCATIONS SHALL BE BRAZED OR LISTED FOR CONCEALED LOCATIONS.
7 GAS PIPING: STANDARD WEIGHT STEEL WITH THREADED JOINTS ABOVE GRADE, BLACK PIPE INDOORS, GALVANIZED OUTDOORS.

KITCHEN NOTES
1 PLUMBING CONTRACTOR TO ROUGH–IN AND MAKE FINAL CONNECTIONS TO KITCHEN EQUIPMENT.
2 COORDINATE EXACT REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO ANY CONSTRUCTION.
3 MINIMUM AIR GAP SHALL BE NOT LESS THAN TWICE THE EFFECTIVE OPENING OF THE INDIRECT WASTE PIPE.
4 COORDINATE THE TYPE OF GRATE REQUIRED FOR FLOOR SINKS WITH THE KITCHEN CONTRACTOR.
5 ALL DIRECT CONNECT APPLIANCES SHALL BE INDIVIDUALLY PROTECTED AGAINST BACKFLOW. "CARBONATOR" TYPE SODA DISPENSERS ARE CONSIDERED TO BE "HIGH HAZARD" APPLIANCES AND SHALL BE PROTECTED BY STAINLESS STEEL REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTERS. ALL OTHER APPLIANCES SUCH AS ICE MACHINES, COFFEE–MAKERS, YOGURT DISPENSERS, AND SIMILAR EQUIPMENT CONNECTIONS TO POTABLE WATER SHALL BE PROTECTED BY TWO INDEPENDENT CHECK VALVES WITH A VENT TO THE ATMOSPHERE CONFORMING TO ASSE 1002 OR BY AN AIR GAP. IPC 608.3, 608.16.1 & 608.16.10.
6 CARBONATOR PIPING SHALL CONFORM TO IPC Section 608.16.1 (I.E. NO COPPER OR COPPER ALLOY) IN THE PIPING FROM THE BACKFLOW PREVENTER TO THE CARBONATOR.

PLUMBING FIXTURE SCHEDULE

Circ Pump Circulating Pumps:
Taco#005B/ 1/35 HP/120V Single phase / all bronze.

GREASE INTERCEPTOR
2500 GALLON THREE COMPARTMENT INTERCEPTOR WITH CAST IRON MANHOLE LIDS AND TRAFFIC-RATED RISERS. JENSEN PRECAST #CL2500ECEG OR EQUAL.

SP Sump Pump:
BELL & GOSSET 3WDA15 sump pump with high and low float switches. 3" flanged discharge. 2" solids. Concrete pre-cast traffic rated basin with traffic rated cast iron grid.

GREASE INTERCEPTOR CALCULATION

(49 FU) x (3 GPM) x (17 minute) retention time = 2499 gallons capacity required

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Revisions:

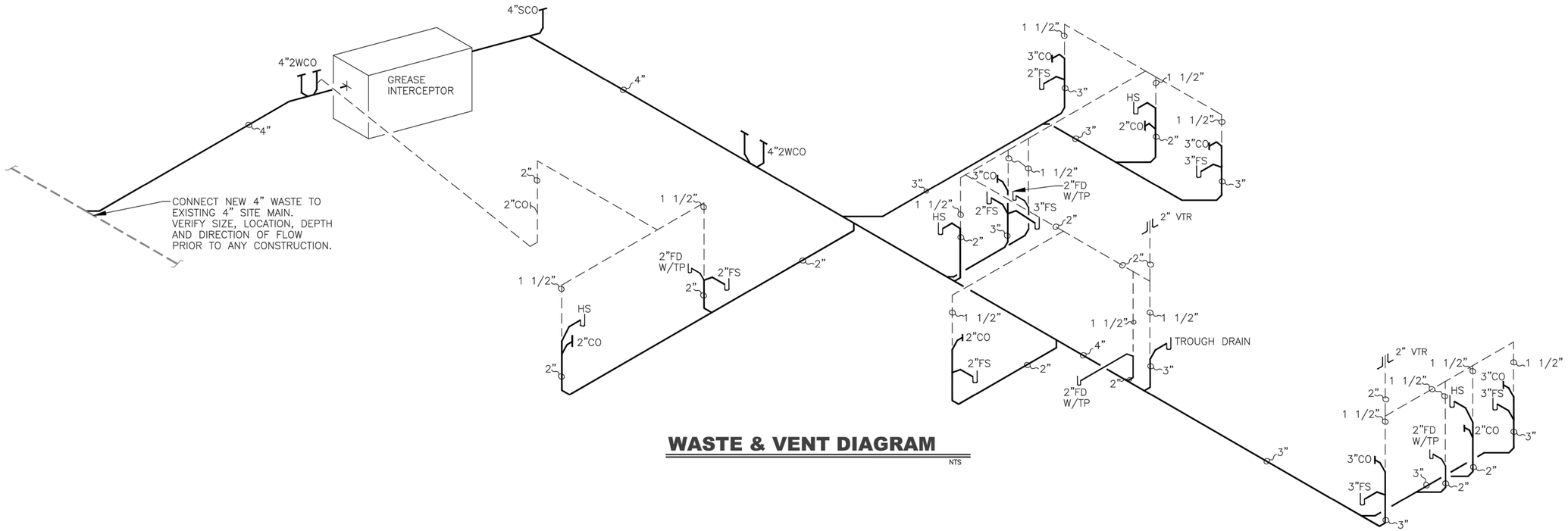
BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

Drawn by:	Checked by:
JR	SK
Project No. 2019.12	Date: 10JUN2020

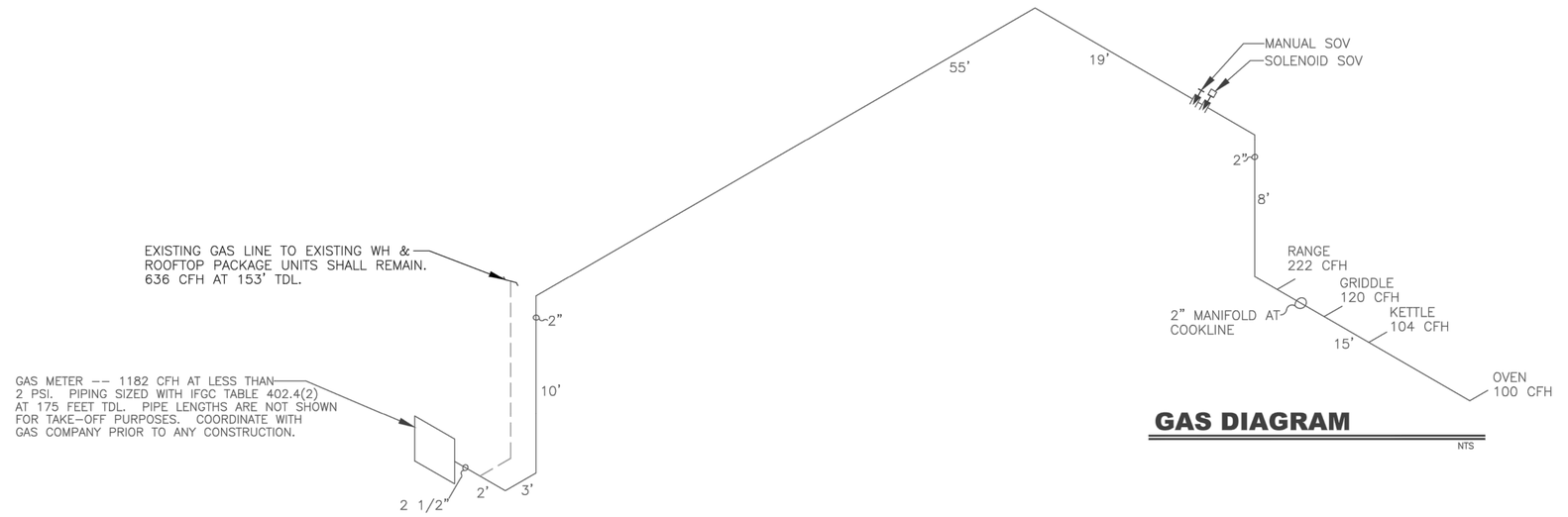
PLUMBING DIAGRAMS

P02.00



WASTE & VENT DIAGRAM

NTS



GAS DIAGRAM

NTS

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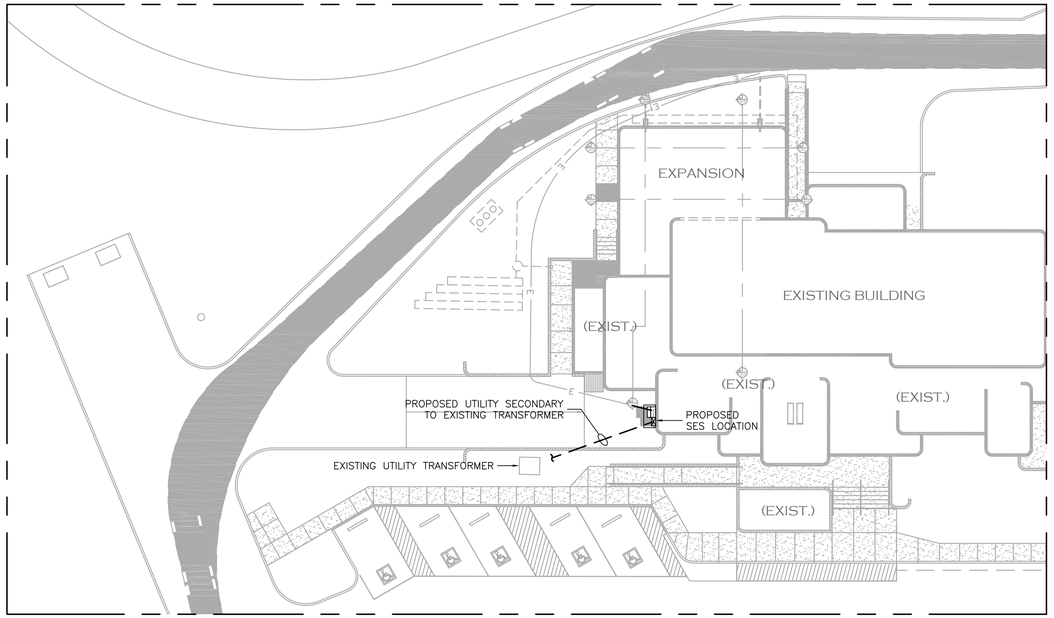

1 PARTIAL SITE PLAN
SCALE: 1"=20'-0"

BUCKEYE SENIOR CENTER

KITCHEN ADDITION

201 E CENTRE AVENUE
BUCKEYE ARIZONA, 85326

ANNOTATIONS

1	KEYED NOTE	E1D54F7	EQUIPMENT TAG
A	CONTINUATION	16120	SPECIFICATION NUMBER
4B	FEEDER TYPE	220	EQUIPMENT BILL-OF-MAT'L REFERENCE
2 / 5.0	DETAIL REFERENCE	E0.2	DRAWING REFERENCE. SEE SHEET INDICATED FOR DETAILED INFORMATION
			EQUIPMENT SCHEDULE REFERENCE INDICATOR

ABBREVIATIONS

A, AMP	AMMETER, AMPERE	M	MAG CONTACTOR, COIL/CONTACT
AC	ALTERNATING CURRENT	MAX	MAXIMUM
ACB	AIR CIRCUIT BREAKER	MCB	MAIN CIRCUIT BREAKER
AF	AMPERE FRAME	MCC	MOTOR CONTROL CENTER
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MCP	MOTOR CIRCUIT BREAKER
AFD	ADJUSTABLE FREQUENCY DRIVE	MH	MANHOLE
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CURRENT	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MTD	MOUNTED
AS	AMMETER SWITCH	N	NEUTRAL
AT	AMP TRIP	NA	NON-AUTOMATIC
ATS	AUTOMATIC TRANSFER SWITCH	N.C.	NORMALLY CLOSED
AWG	AMERICAN WIRE GAUGE	NEC	NATIONAL ELECTRICAL CODE
BC	BARE COPPER	NEMA	NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION
BFF	BELOW FINISHED FLOOR	NIC	NOT IN CONTRACT
BKR	BREAKER	N.O.	NORMALLY OPEN
BLDG	BUILDING	NTS	NOT TO SCALE
BMS	BUILDING MANAGEMENT SYSTEM	OCB	OIL CIRCUIT BREAKER
BOC	BOTTOM OF CONDUIT	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
BOD	BOTTOM OF DUCT	OFOI	OWNER FURNISHED, OWNER INSTALLED
BOP	BOTTOM OF PIPE	OL	OVERLOAD RELAY
BOT	BOTTOM OF TRAY	P	POWER
C	CONDUIT, COIL	PF	POWER FACTOR
CAP	CAPACITOR	PL	PILOT LIGHT
CAT.#	CATALOG NUMBER	PB	PUSHBUTTON SWITCH
CB	CIRCUIT BREAKER	PC	PHOTOCELL
CCTV	CLOSED CIRCUIT TELEVISION	PIV	POST INDICATOR VALVE
CLK	CLOCK	PNL	PANEL
CO	CONDUIT ONLY	ø, PH	PHASE
CPT	CONTROL POWER TRANSFORMER	PVC	POLYVINYL CHLORIDE
CR	CONTROL RELAY	QTY	QUANTITY
CT	CURRENT TRANSFORMER	(R)	RELOCATED
(D)	DEMOLISH, DEMO	REC	RECEPTACLE
DC	DIRECT CURRENT	RCY	RACEWAY
DIA	DIAMETER	RF	RADIO FREQUENCY
DIV	DIVISION	RGS	RIGID GALVANIZED STEEL
Δ,	DELTA CONNECTED	RMS	ROOT MEAN SQUARE
(E), EX	EXISTING	RTM	RUNNING TIME METER
EL.	ELEVATION	RVNR	REDUCED VOLT. NON-REVERSING
ELEC	ELECTRICAL	S.C.	SHORT CIRCUIT
EM	EMERGENCY	SEC	SECONDS
EMH	ELECTRICAL MANHOLE	SES	SERVICE ENTRANCE SUBSTATION
EMO	EMERGENCY MANUAL OFF	SP	SPARE
EMT	ELECTRICAL METALLIC CONDUIT	SS	STAINLESS STEEL
EOL	END-OF-LINE DEVICE	STD	STANDARD
ETM	ELAPSED TIME METER	SW	SWITCH
ETR	EXISTING TO REMAIN	SWBD	SWITCHBOARD
(F)	FUTURE	SWGR	SWITCHGEAR
FA	FIRE ALARM	SYM	SYMMETRICAL
FACP	FIRE ALARM CONTROL PANEL	SYNC	SYNCHRONIZER
FBO	FURNISHED BY OTHERS	2S1W	TWO SPEED, ONE WINDING
FCS	FACILITY CONTROL SYSTEM	2S2W	TWO SPEED, TWO WINDING
FDR	FEEDER	TSTAT	THERMOSTAT
FU	FUSE	TB	TERMINAL BLOCK
FVNR	FULL VOLTAGE NON-REVERSING	TBD	TO BE DETERMINED
FVR	FULL VOLTAGE REVERSING	TDR	TIME DELAY RELAY
GND	GROUND	TS	TAMPER SWITCH
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TSP	TWISTED SHIELDED PAIR
HH	HANDHOLE	TYP	TYPICAL
HID	HIGH INTENSITY DISCHARGE	UPS	UNINTERRUPTIBLE POWER SUPPLY
HOA	HAND-OFF-AUTOMATIC	UNO	UNLESS NOTED OTHERWISE
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	V	VOLTMETER, VOLT
HP	HORSEPOWER	VA	VOLT-AMPERE
I.D.	IDENTIFICATION	VESDA	VERY EARLY SMOKE DETECTION APPARATUS
IER	INTEGRATED EQUIPMENT RATING	VFD	VARIABLE FREQUENCY DRIVE
I&C	INSTRUMENTATION AND CONTROL	VIF	VERIFY IN FIELD
IMC	INTERMEDIATE METALLIC CONDUIT	W	WATT, WIRE
I/O	INPUT/OUTPUT	WHD	WATTHOUR DEMAND METER
J, JB	JUNCTION BOX	WP	WEATHERPROOF
KCMIL	1000 CIRCULAR MIL	XP	EXPLOSION-PROOF
KV	KILOVOLT	XFMR	TRANSFORMER
KVA	KILOVOLT-AMPERE	Y	WYE-CONNECTED
KVAR	KILOVAR	Z	IMPEDANCE
KW	KILOWATT		
KWH	KILOWATT-HOUR		
LAN	LOCAL AREA NETWORK		
LTG	LIGHTING		
LV	LOW VOLTAGE		

SHEET INDEX

REV NO	DATE	DESC.
A	01/04/20	60% SET
B	02/21/20	90% SET
0	06/25/20	FOR PERMIT

SHEET NO	SHEET TITLE	REV NO	DATE	HIST.
E0.0	ELECTRICAL COVER SHEET	0	06/25/20	A,B,0
E0.1	ELECTRICAL LEGEND	0	06/25/20	A,B,0
E0.2	ELECTRICAL SPECIFICATIONS	0	06/25/20	A,B,0
E0.3	LIGHTING SPECIFICATIONS	0	06/25/20	A,B,0
E0.4	FIRE ALARM RISER DIAGRAM	0	06/25/20	0
E2.0	POWER PLAN	0	06/25/20	A,B,0
E2.1	ROOF AND DEMOLITION PLANS	0	06/25/20	A,B,0
E3.0	LIGHTING PLAN	0	06/25/20	A,B,0
E4.0	FIRE ALARM PLAN	0	06/25/20	0
E6.0	ONE-LINE DIAGRAM & SCHEDULES	0	06/25/20	A,B,0
E7.0	PANEL SCHEDULES	0	06/25/20	A,B,0
E8.0	ELECTRICAL DETAILS	0	06/25/20	A,B,0

DESCRIPTION OF WORK

DESCRIPTION OF WORK:

THE WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING THE FOLLOWING:

REMOVAL AND REPLACEMENT OF EXISTING UTILITY SERVICE AND SERVICE ENTRANCE SECTION.

INSTALLATION OF A COMPLETE FIRE ALARM SYSTEM.

INSTALLATION OF DISTRIBUTION EQUIPMENT, BRANCH WIRING, LIGHTING, EMERGENCY LIGHTING, EXTERIOR LIGHTING, LIGHTING CONTROLS, SPECIAL SYSTEM ROUGH-IN AND RACEWAYS.

ELECTRICAL DEMOLITION

UTILITY SERVICE CONDUIT, TRENCHING, EQUIPMENT.

GENERAL POWER DISTRIBUTION SYSTEM.

GROUND ELECTRODE SYSTEM.

GENERAL LIGHTING AND LIGHTING CONTROLS.

EMERGENCY LIGHTING.

ELECTRICAL EQUIPMENT INSTALLATION:

SPECIFIC EQUIPMENT INSTALLATIONS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

SERVICE ENTRANCE SWITCHBOARD(S).
PANELBOARD(S).

ESTIMATED POINT(S) OF CONNECTION & METERING:

ELECTRIC UTILITY SERVICE, LOCATION AS DIRECTED BY UTILITY.

CODES & STANDARDS

CODES & STANDARDS:

ALL OF THE PRECEDING ARE HEREBY MADE A PART OF THESE SPECIFICATIONS. THEY SHALL BE SATISFIED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.

GENERAL	EDITION
NATIONAL ELECTRICAL CODE (NFPA 70)	2017*
LOCAL AND STATE CODES AND CODE AMENDMENTS	BUCKEYE, AZ
AMERICANS WITH DISABILITIES ACT (ADA)	LATEST
INTERNATIONAL BUILDING CODE (IBC)	2018*
INTERNATIONAL EXISTING BUILDING CODE (IEBC)	2018*
INTERNATIONAL MECHANICAL CODE (IMC)	2018*

FIRE & LIFE SAFETY CODES	EDITION
INTERNATIONAL FIRE CODE (IFC)	2012*
NFPA 72 – NATIONAL FIRE ALARM CODE	LATEST
NFPA 101 – LIFE SAFETY CODE	LATEST
NFPA 13 – FIRE SPRINKLER CODE	LATEST
NATIONAL ELECTRICAL SAFETY CODE (NESC)	LATEST

ENERGY CODES	EDITION
INTERNATIONAL ENERGY CONSERVATION CODE (IECC)	2018*

ENERGY CODE CALCULATIONS

INTERIOR ENERGY CALCULATIONS. SEE SHEET E0.3.

FIRE ALARM REQUIREMENTS:

FIRE ALARM SYSTEM (SEE BELOW).
NEW – INSTALL A COMPLETE FIRE ALARM SYSTEM.

THE FIRE ALARM DESIGN INCLUDED IN THIS PACKAGE IS:

CONCEPTUAL – INCLUDES SYSTEM CONFIGURATION, SPECIFICATIONS, AND GENERAL EQUIPMENT AND DEVICE LAYOUT. ENGINEERED PLANS SHALL BE SUBMITTED BY THE FIRE ALARM SYSTEM INSTALLER AS DEFERRED SUBMITTAL. FINAL DEVICE LOCATIONS AND QUANTITIES ARE SUBJECT TO AHJ REVIEW.

VoltaUS CONSULTING
2633 E. Indian School Rd., Ste. 210, Phoenix, AZ 85016
Tel. (480) 659-0511, VoltaUS.com

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06.25.20

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly - Architects, Ltd. -
331 North 1st Avenue / Suite 108
Phoenix, Arizona 85003 (480) 829-7667

Revisions:

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical)
CERTIFICATE NO.
30536
WILLIAM J. BETHURUM, IV
Scottsdale, Arizona

SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

ELECTRICAL COVER SHEET

E0.0

WIRING DEVICES AND BOXES

JUNCTION BOXES, HANDHOLES, AND MANHOLES

EMH — ELECTRICAL MANHOLE OR HANDHOLE (EHH)

J J — JUNCTION BOX, SIZED PER NEC (U.N.O.)

WIRING DEVICES - POWER

CONNECTION POINT TO EQUIPMENT SPECIFIED, SUPPLIED AND INSTALLED UNDER OTHER DIVISIONS. RACEWAY, CONDUCTORS AND CONNECTIONS UNDER THIS DIVISION.

L5–30 — SPECIAL PURPOSE RECEPTACLE NEMA CONFIGURATION AND AMPERAGE AS INDICATED.

CONVENIENCE RECEPTACLE–SINGLE, DUPLEX, 4–PLEX, MTD @ 18" AFF, UNLESS NOTED OTHERWISE.
WP – WEATHERPROOF "EXTRA DUTY" IN–USE METALLIC, COOPER #WIUMV(H*)–1 [*HORIZONTAL AS NEEDED]
WPF – WEATHERPROOF, "EXTRA DUTY", FLUSH SERVICE, COOPER #WBR(VS/VM/HR/HB)C (STYLE TO SUIT)
GFCI – GROUND FAULT CIRCUIT INTERRUPTER
IG – ISOLATED GROUND

FLOOR BOX, ROUND, COMBINATION POWER/DATA OR POWER ONLY, NON–METALLIC, 6" DIA., T&B STEEL CITY #68P, RECESSED COVER, STEEL CITY #68–R–CST–(BLK OR BRN OR BGE) COVER PLATE.

FLOOR BOX, SQUARE, COMBINATION POWER/DATA OR POWER ONLY, NON–METALLIC, T&B #STEEL CITY 664–CI, RECESSED COVER STEEL CITY #664–CST–SW–ALM COVER PLATE.

FLOOR BOX, SQUARE, FOUR GANG, POWER & DATA, NON–METALLIC, T&B STEEL CITY #665–CST–SC, RECESSED COVER STEEL CITY #65–CST–SWR–(ALM OR BRS) COVER PLATE.

CLG — SAME AS ABOVE, CEILING MOUNTED

SAME AS ABOVE, MOUNTED ABOVE COUNTER

TMB — 3/4" THICK FIRE–TREATED PLYWOOD (8ft HIGH) FOR TELEPHONE MOUNTING BOARD WITH (1) DEDICATED FOURPLEX OUTLET AND #6 COPPER BOND TO BUILDING GROUND ELECTRODE SYSTEM. TELEPHONE CONDUIT PER UTILITY SPECIFICATIONS.

WIRING DEVICES - MISC

T — THERMOSTAT

PUSHBUTTON OR CONTROL DEVICE (SEE ABBREVIATION FOR TYPE).

$M — MOTOR RATED SWITCH OR MANUAL MOTOR STARTER WITH OVERLOADS (WHEN NOT INTERAL TO MOTOR)

$ML — SAME AS ABOVE, LOCKABLE

R — RELAY

WIRING DEVICES - SPECIAL SYSTEMS

TAG — TAG:
CR = CARD READER,
DC = DOOR CONTACTS,
KP = KEY PAD

DOOR CONTACTS

S — SPEAKER/HORN

TV — TELEVISION

CCTV — CAMERA

LIGHTING

FA 10 — FIXTURE TYPE. SEE SCHEDULE.
SOLID = EMERGENCY BACKUP (REQUIRES HOT LEG)

FA 9Lo — CIRCUIT NUMBER. SUCCEEDING LETTERS INDICATE CONTROLS.
L = VIA LIGHTING CONTROLLER
N = NIGHT LIGHT (UNSWITCHED) (REQUIRES HOT LEG)
a = LOCAL SWITCH (LOWER CASE LETTER)
ab = TANDEM SWITCHING. PROVIDE FIXTURE W/ (2) BALLASTS. (LOWER CASE LETTER)

POLE MOUNTED FIXTURE

H — SURFACE, PENDANT OR WALL MOUNTED LUMINAIRE

RECESSED DOWN LIGHT

LANDSCAPE OR SPECIALTY LIGHT FIXTURE

EXIT LIGHT–CEILING OR WALL MOUNTED, ARROW INDICATES DIRECTION. SHADING INDICATES FACE OF SIGN. TYPE AS SHOWN.

BATTERY OPERATED EMERGENCY LIGHT WITH EXIT SIGN WHEN INDICATED

SAME AS ABOVE, CEILING MOUNTED

BATT — REMOTE BATTERY

LIGHTING CONTROLS

$2 — WALL SWITCH, SUBSCRIPT INDICATES TYPE:
2=DOUBLE POLE, 3=THREE WAY, 4=FOUR WAY
D=DIMMER, K=KEY OPERATED, LV=LOW VOLTAGE
P=PILOT LIGHT, T=TIMED SWITCH, WP=WEATHERPROOF

$xy — TANDEM SWITCH (PROVIDE FIXTURE W/ 2 BALLASTS) OR ALTERNATE FIXTURE SWITCHING.

$M.O. — MANUAL OVERRIDE SWITCH. SEE LIGHTING CONTROLLER SPECIFICATIONS.

PC — PHOTOELECTRIC LIGHTING CONTROL, SENSOR AIMED NORTH UNLESS OTHERWISE NOTED.

TC — ASTRONOMICAL TIME CLOCK.

OCCUPANCY SENSORS

$OC — WALL MOUNTED. SEE LIGHTING DETAIL INDICATED.

OC — CEILING MOUNTED. SEE LIGHTING DETAIL INDICATED.

PRIMARY EQUIPMENT

1-LINE PLAN — UTILITY POWER POLE

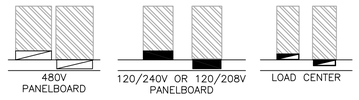
UTILITY PAD MOUNT TRANSFORMER

PLAN — MAJOR EQUIPMENT

MAJOR ELECTRICAL EQUIPMENT OR DEVICE, i.e., MOTOR CONTROL CENTER, SWITCHBOARD, ETC.

SWITCHBOARDS AND PANELBOARDS

PANELBOARD – SURFACE OR FLUSH MOUNTED AS INDICATED. 'HATCHED' AREA REPRESENTS NEC REQUIRED CLEARANCE. WIDTH MINIMUM OF 30". DEPTH AS REQUIRED BY NEC ART 110, HATCHED AREA NOT DRAWN TO SCALE.



1-LINE PLAN — T — TRANSFORMERS

POWER TRANSFORMER SUBSTATION OR DISTRIBUTION TYPE. KVA, IMPEDANCE, VOLTAGE, AND CONNECTIONS ARE AS NOTED.

1-LINE PLAN — TRIP FRAME CB 30 — CIRCUIT BREAKERS

CIRCUIT BREAKER, TRIP/FRAME RATING AS SHOWN. ENCLOSED WHEN SHOWN ON PLAN.

1-LINE PLAN — FUSE/SWITCH F 30 — DISCONNECTS & FUSES

DISCONNECT SWITCH, RATING AS SHOWN, NF = NON–FUSED. ENCLOSED WHEN SHOWN ON PLAN.

1-LINE PLAN — M M — MOTORS & MOTOR STARTERS

MOTOR CONNECTION. FOR HORSEPOWER, REFER TO ONE–LINE DIAGRAM OR EQUIPMENT SCHEDULE

1 — 1 — CONTACTOR, NEMA SIZE AS SHOWN. ENCLOSED WHEN SHOWN ON PLAN.

1 — 1 OL — STARTER, NEMA SIZE AS SHOWN. ENCLOSED WHEN SHOWN ON PLAN.

FUSE/SWITCH — 1 — 1 OL — COMBINATION STARTER, NEMA SIZE AS SHOWN CIRCUIT BREAKER OR FUSED DISCONNECT SWITCH TYPE. ENCLOSED WHEN SHOWN ON PLAN.

RACEWAYS, WIRE, & CABLE

BRANCH CIRCUIT(S) HOMERUN TO PANELBOARD, 3/4" CONDUIT UNLESS NOTED OTHERWISE. FIELD ROUTE. SUPPORT PER NEC.

7#12 AWG CONDUCTORS, (3) NEUTRALS, (3) HOT, 1 GROUND IN 3/4" CONDUIT.

7#10 AWG CONDUCTORS, (3) NEUTRALS, (3) HOT, 1 GROUND IN 3/4" CONDUIT.

NO MULTI–WIRE BRANCH CIRCUITS PERMITTED.

CONDUIT AND CONDUCTORS ABOVE GRADE

CONDUIT AND CONDUCTORS BELOW GRADE OR SLAB.

CONDUIT TURN DOWN/CONDUIT TURN UP

CONDUIT, STUBBED AND CAPPED

G — G=GROUND ELECTRODE CONDUCTOR

CONDUIT SEAL FITTING

POWER CONDUIT FILL EXAMPLE: (2) 4"C., 4 #500, 1 #1/0G.
- GROUND CONDUCTOR SIZE
- QUANTITY OF GROUND CONDUCTORS
- CONDUCTOR SIZE (AWG OR KCMIL)
- QUANTITY OF PHASE, NEUTRAL, OR CONTROL CONDUCTORS (NEUTRAL CONDUCTORS MAY BE SPECIFIED WITH AN 'N' SUFFIX)
- CONDUIT SIZE (SEE SPECIFICATION FOR TYPES)
- TOTAL QUANTITY OF IDENTICAL CONDUITS AS SPECIFIED (IF MULTIPLE)

EQUIPMENT SCHEDULE REFERENCE INDICATOR. REFER TO SHEET # INDICATED ON PLAN.

GROUNDING

GROUND ROD, GROUND WELL

COPPER GROUNDING BUS W/ STANDOFF INSULATORS, 1/4"x4"Hx24"W U.N.O.

EXOTHERMIC WELD, COMPRESSION CONNECTION

SURGE PROTECTION DEVICE (SPD)

WIRING DEVICES AND BOXES

WIRING DEVICES - COMMUNICATIONS

DATA/TELEPHONE/COMBINATION TEL./DATA OUTLET

TELEVISION OUTLET

EQUIP TAG	QTY	DESCRIPTION	LOAD DATA WATTS (HP)	KVA	V	PH	FLA	MCA	OCPD	CONDUIT FILL C	WIRE(CU)	GND(CU)	CONNECTION TYPE/HT.	SCCR	KEYED NOTES	COMMENTS	DATA BASIS/ DATE
OWNER EQUIPMENT																	
E1	1	AIR CURTAIN		0.3	120	1	2.4		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E5	1	EXISTING		0.0													
E6	1	BREW STATION TABLE		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E7	1	COFFEE BREWER		6.0	240	1	25		35	3/4"	2#10	#10	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E8	1	TEA BREWER		1.7	120	1	14.4		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E11	1	REACH–IN FREEZER		1.1	120	1	9.2		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E15	2	WALK–IN FREEZER UNIT		0.6	120	1	5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E16	1	COOLER EVAP COIL		0.2	208	1	1		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E17	1	COOLER CONDENSING UNIT		5.2	208	3	14.4		20	3/4"	3#12	#12	30A/3P/3F/N1 DISCONNECT				02/20/20 PDF ARCH
E18	1	FREEZER EVAP COIL		1.7	208	1	8.2		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E19	1	FREEZER CONDENSING UNIT		4.9	208	3	13.7		20	3/4"	3#12	#12	30A/3P/3F/N1 DISCONNECT				02/20/20 PDF ARCH
E26	1	WORK TABLE		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E34	1	SLICER		0.2	120	1	2		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E35	1	FOOD PROCESSOR		0.8	120	1	7		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E38	1	PREP TABLE		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E40	1	EXHAUST HOOD		0.6	120	1	5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E41	1	FIRE SUPPRESSION SYSTEM		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E42	1	ELECTRICAL CONTROL PACKAGE		0.0													02/20/20 PDF ARCH
E44	1	OVEN		0.9	120	1	7.7		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E45	1	STEAMER		8.6	208	3	23.8		30	3/4"	3#10	#10	30A/3P/3F/N1 DISCONNECT				02/20/20 PDF ARCH
E46	1	TILT SKILLET		0.6	120	1	5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E48	1	RANGE WITH OVEN		0.6	120	1	5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E52	1	COUNTER TOP MIXER		0.6	120	1	5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E53	1	60 QT. MIXER		4.8	208	1	23		30	3/4"	2#10	#10	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E55	1	REFRIG BASE		1.0	120	1	8.1		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E56	1	HOT FOOD WELL		1.2	120	1	10		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E57	2	ISLAND PREP TABLE		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E59	1	PASS THRU REFRIG		0.3	120	1	2.2		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E60	1	PASS THRU HEATED CABINET		2.0	120	1	16.7		25	3/4"	2#10	#10	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E61	1	ISLAND PREP TABLE		2.4	120	1	20		25	3/4"	2#10	#10	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E62	1	SERVING COUNTER		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E63	1	SNEEZE GUARD		4.2	208	1	20		25	3/4"	2#10	#10	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E64	1	COLD FOOD WELL		0.9	120	1	7.8		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E65	1	HOT FOOD WELL		1.9	120	1	15.8		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E66	1	HOT/COLD WELL		1.9	120	1	15.8		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E67	1	HOT/COLD WELL		0.4	120	1	3.5		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E69	3	SERVICE COUNTER		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E75	1	DISH MACHINE		30.7	208	3	85.3		110	1–1/4"	3#2	#6	200A/3P/3F/N1 DISCONNECT			LOCK–OFF TAB	02/20/20 PDF ARCH
E89	1	ICE DISPENSER		0.4	120	1	3		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E90	1	ICE MACHINE		1.4	120	1	11.3		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E91	1	TOASTER		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E92	1	MICROWAVE OVEN		1.8	120	1	15		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E93	2	U/C REFRIGERATOR		0.5	120	1	3.8		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
E94	2	U/C HEATED CABINET		1.1	120	1	9		20	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/20 PDF ARCH
MECHANICAL EQUIPMENT																	
AC–4	1	A/C SYSTEM		8.0	208	3	22.3		30	3/4"	3#10	#10	30A/3P/3F/3R DISCONNECT				02/20/2020 PDF MECH
AC–2	1	A/C SYSTEM		3.8	208	1	18.5		25	3/4"	2#10	#10	30A/2P/NF/3R DISCONNECT				02/20/2020 PDF MECH
FF1	1	FLY FAN	(1/6)	0.2	120	1	1.66		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/2020 PDF MECH
EF1	1	EXHAUST FAN	29	0.0	120	1	0.2		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/2020 PDF MECH
KEF–1	1	EXHAUST FAN		1.4	208	3	3.8		15	3/4"	3#12	#12	30A/3P/3F/3R DISCONNECT				02/20/2020 PDF MECH
KEF–2	1	EXHAUST FAN		1.4	208	3	3.8		15	3/4"	3#12	#12	30A/3P/3F/3R DISCONNECT				02/20/2020 PDF MECH
KEF–3	1	EXHAUST FAN		0.7	115	1	6.3		15	3/4"	3#12	#12	TOGGLE SWITCH				02/20/2020 PDF MECH
MAU–1	1	MUA FAN		3.0	208	3	8.3		15	3/4"	3#12	#12	30A/3P/3F/3R DISCONNECT				02/20/2020 PDF MECH
PLUMBING EQUIPMENT																	
CP–1	1	CIRCULATING PUMP	(1/35)	0.12	120	1	1		15	3/4"	2#12	#12	DUPLEX RECEPTACLE / GFCI				02/20/2020 PDF PLMB

1 EQUIPMENT SCHEDULE
NO SCALE

EQUIPMENT SCHEDULE KEYED NOTES (BY TYPE)

ELECTRICAL HARDWARE

A1. PROVIDE MANUAL MOTOR STARTER.
B1. PROVIDE & INSTALL VFD. SEE SPECIFICATIONS.
C1. PROVIDE & INSTALL COMBINATION MOTOR STARTER WITH CONTROL POWER TRANSFORMER, HAND–OFF–AUTO, & PILOT LIGHTS, NEMA 1 OR 3R AS APPLICABLE.
D1. PROVIDE BUCK–BOOST TRANSFORMER AT EQUIPMENT.
E1. EQUIPMENT IS PROVIDED WITH INTEGRAL DISCONNECTING MEANS.

EQUIPMENT RATINGS

A2. CONFIRM EQUIPMENT SCCR (SHORT CIRCUIT CURRENT RATING).

EQUIPMENT CONTROLS

A3. CONTINUOUS OPERATION.
B3. INTERLOCK WITH AREA OCCUPANCY SENSORS.

EQUIPMENT TYPE LEGEND

LCP – LOCAL CONTROL PANEL.
MTR – MOTOR
SKD – EQUIPMENT SKID
IMAC – INDUSTRIAL MACHINERY
APP – APPLIANCE

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06.25.20

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Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical) CERTIFICATE NO. 30536 WILLIAM J. BETHURUM, IV
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

ELECTRICAL LEGEND AND EQUIPMENT SCHEDULE

E0.1

265100 INTERIOR AND EXTERIOR LIGHTING

PRODUCTS

1. PRODUCTS DESCRIBED IN THE LUMINARIES SCHEDULE AS SHOWN ON THE DRAWINGS SHALL REPRESENT MINIMUM ACCEPTABLE QUALITY STANDARDS.

2. UL/ETL LISTINGS

   A. ALL LUMINARIES AND COMPONENTS SHALL BE UL OR ETL TESTED, LISTED, AND LABELED.

   B. LUMINARIES INSTALLED UNDER CANOPIES, ROOFS, OR SIMILAR DAMP OR WET LOCATIONS SHALL BE UL OR ETL LISTED AND LABELED AS SUITABLE FOR DAMP OR WET LOCATIONS.

   C. RECESSED LUMINARIES INSTALLED IN FIRE RATED CEILINGS AND USING A FIRE RATED PROTECTIVE COVER SHALL BE THERMALLY PROTECTED FOR THIS APPLICATION AND SHALL BE APPROVED FOR THE INSTALLATION IN A FIRE–RATED CEILING.

3. INTERIOR AND EXTERIOR LUMINARIES AND ACCESSORIES

   A. AS SCHEDULED ON DRAWINGS.

   B. VERIFY ALL FINISHES WITH ARCHITECT.

INSTALLATION

A. VERIFY ALL CEILING TYPES AND COORDINATE WITH LUMINARIES AND ACCESSORIES.

B. FURNISH AND INSTALL LAMPS IN LUMINARIES AND LAMPHOLDERS.

C. RECESSED LUMINARIES TRIMS SHALL FIT SNUGLY TO THE MOUNTING SURFACE AND SHALL NOT EXHIBIT LIGHT LEAKS OR GAPS. PROVIDE HEAT RESISTANT RUBBER GASKETING WHERE NECESSARY. PROVIDE FEED–THROUGH JUNCTION BOXES OR PROVIDE SEPARATE JUNCTION BOXES. ALL COMPONENTS SHALL BE ACCESSIBLE THROUGH THE CEILING OPENING.

D. MARK STANDARD LUMINARIES EQUIPPED WITH EMERGENCY POWER WITH A RED ADHESIVE STICKER (NOT MORE THAN 3/8–INCH IN DIAMETER) MOUNTED ON METAL DOOR FRAME.

E. PROVIDE IN–LINE FUSING AT HANDHOLE FOR ALL POLE MOUNTED LUMINARIES.

F. LEAVE LUMINARIES CLEAN AND FREE OF ANY VISIBLE DUST, DEBRIS, OR FINGERPRINTS WITH ALL LAMPS OPERATIONAL AT TIME OF ACCEPTANCE OF WORK. RELAMP INOPERABLE LAMPS AT COMPLETION OF WORK.

G. COORDINATE WITH OTHER CRAFTS TO AVOID CONFLICTS BETWEEN LUMINAIRES, SUPPORTS, FITTINGS AND MECHANICAL EQUIPMENT.

H. RECESSED LIGHT FIXTURES:

- ALL RECESSED TROFFERS SHALL BE SUPPORTED FROM BUILDING STRUCTURE ABOVE CEILING WITH GALVANIZED STEEL WIRE AT NOT LESS THAN 4 POINTS NEAR CORNERS OF FIXTURE. SIZE OF WIRE SHALL BE CAPABLE OF SUPPORTING WEIGHT OF FIXTURES.
- RECESSED LUMINARIES: PROVIDE TRIM TYPE AND ACCESSORIES REQUIRED FOR INSTALLATION IN CEILING SYSTEM (INCLUDING SLOPED CEILINGS, FIRE RATED CEILINGS, ETC.) AS INDICATED PER LUMINAIRE SCHEDULE.

REFER TO SHEET E0.4 FOR 28 31 00 FIRE DETECTION AND ALARM SPECIFICATIONS

262726 WIRING DEVICES

A. PROVIDE WIRING DEVICES, IN TYPES, CHARACTERISTICS, AND ELECTRICAL RATINGS FOR APPLICATIONS INDICATED WHICH ARE UL LISTED AND WHICH COMPLY WITH APPLICABLE UL AND NEMA STANDARDS. ALL DEVICES AND WALL BOXES SHALL BE PROVIDED WITH A WALL PLATE DESIGNED TO MATCH THE DEVICE. THE COLOR OF ALL DEVICES SHALL BE APPROVED BY THE ARCHITECT PRIOR TO ORDER OF DEVICES. WHERE THE ARCHITECT HAS NO COLOR PREFERENCE PROVIDE WHITE COLOR DEVICES WITH WALL PLATES EXCEPT AS OTHERWISE INDICATED. PROVIDE HEAVY DUTY DEVICES UNLESS OTHERWISE INDICATED. MANUFACTURER'S CATALOG NUMBERS LISTED BELOW INDICATE QUALITY OF BASIS OF DESIGN.

B. MODULAR "PLUG–IN" WIRING SYSTEMS ARE NOT PERMITTED.

C. SIMPLEX, DUPLEX, OR GFCI RECEPTACLE: 125V, 20A, 5–20R CONFIGURATION. PROVIDE ONE OF THE FOLLOWING:

1. COOPER; 5351 (SINGLE), CR5362 (DUPLEX), VGF20 (GFCI)
2. HUBBELL; HBL5351 (SINGLE), HBL5352 (DUPLEX), GFR5352L (GFCI)
3. LEVITON; 5891 (SINGLE), 5352 (DUPLEX), 7590 (GFCI)
4. PASS & SEYMOUR; 5361 (SINGLE), 5362 (DUPLEX), 2095 (GFCI)

D. SINGLE POLE / DOUBLE POLE / 3–WAY / 4–WAY / LIGHTED OR KEY OPERATED SWITCH: 20A, 120–277V. PROVIDE ONE OF THE FOLLOWING:

1. COOPER; AH1221 / AH1222 / AH1223 / AH1224 / AH1221PL FOR 120 AND 277 V / AH1221L
2. HUBBELL; HBL1221 / HBL1222 / HBL1223 / HBL1224 / HBL1221PL FOR 120 AND 277 V / HBL1221L
3. LEVITON; 1221–2 / 1222–2 / 1223–2 / 1224–2 / 1221–LH1 / 1221–2L
4. PASS & SEYMOUR; CSB20AC1 / CSB20AC2 / CSB20AC3 / CSB20AC4 / PS20AC1RPL FOR 120 V, PS20AC1RPL7 FOR 277 V / PS20AC1–L

E. DECORATOR–STYLE DEVICES: (REQUIRES PRIOR APPROVAL)

1. CONVENIENCE RECEPTACLES: SQUARE FACE, 125 V, 15 A; 5–15R.
2. GFCI CONVENIENCE RECEPTACLES: SQUARE FACE, 125 V, 15 A; 5–15R.
3. TOGGLE SWITCHES, SQUARE FACE, 120/277 V, 15 A.
4. LIGHTED TOGGLE SWITCHES, SQUARE FACE, 120 V, 15 A WITH LIGHTED HANDLE, ILLUMINATED WHEN SWITCH IS "OFF."
   - MANUFACTURER; 1 / 2 / 3 / 4 (SEE ABOVE)
     a. COOPER; 6252 / VGF15 / 7621 (SINGLE POLE), 7623 (THREE WAY) / 7631 (SINGLE POLE), 7633 (THREE WAY)
     b. HUBBELL; DR15 / GF15LA / DS115 (SINGLE POLE), DS315 (THREE WAY) / DS120IL (SINGLE POLE), DS320 (THREE WAY)
     c. LEVITON; 16252 / 8599 / 56291–2 (SINGLE POLE), 5623–2 (THREE WAY) / 5631–2 (SINGLE POLE), 5633–2 (THREE WAY)
     d. PASS & SEYMOUR; 26252 / 1594 / 2621 (SINGLE POLE), 2623 (THREE WAY) / 2625 (SINGLE POLE), 2626 (THREE WAY)

F. WALL PLATES

1. SINGLE AND COMBINATION TYPES SHALL MATCH CORRESPONDING WIRING DEVICES.
   - MATERIAL FOR FINISHED SPACES: TYPE 302 STAINLESS STEEL.
   - MATERIAL FOR UNFINISHED SPACES: HIGH–IMPACT THERMOPLASTIC.
   - MATERIAL FOR DAMP LOCATIONS: CAST ALUMINUM WITH SPRING–LOADED LIFT COVER, AND LISTED AND LABELED FOR USE IN WET AND DAMP LOCATIONS.
2. WET–LOCATION, WEATHERPROOF COVER PLATES: NEMA 250, COMPLYING WITH TYPE 3R, WEATHER–RESISTANT, DIE–CAST ALUMINUM WITH LOCKABLE COVER.

G. FINISHES

1. DEVICE COLOR: AS SELECTED BY ARCHITECT, WHITE, UNLESS OTHERWISE INDICATED. EMERGENCY POWER SYSTEM: RED. TVSS DEVICES: BLUE.
2. WALL PLATE COLOR: FOR PLASTIC COVERS, MATCH DEVICE COLOR.

H. LOCATION OF OUTLETS AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATELY CORRECT. HOWEVER, THE EXACT CENTER OF ALL OUTLETS SHALL BE PLACED IN COOPERATION WITH THE GENERAL CONTRACTOR TO CENTER OUTLETS WITH THE CEILING TILE, TRUSSES AND JOINTS, AND MASONRY UNITS.

I. COORDINATE LOCATIONS WITH ARCHITECTURAL PLANS AND ELEVATIONS IN ORDER TO AVOID INTERFERENCES WITH CASEWORK, FURNITURE, WINDOWS, EQUIPMENT, AND DOOR SWINGS.

J. INSTALLATION

1. PROTECT INSTALLED DEVICES AND THEIR BOXES. KEEP OUTLET BOXES FREE OF PLASTER, DRYWALL JOINT COMPOUND, MORTAR, CEMENT, CONCRETE, DUST, PAINT, AND OTHER MATERIAL. INSTALL WIRING DEVICES AFTER ALL WALL PREPARATION, INCLUDING PAINTING, IS COMPLETE.
2. CONDUCTORS:
   - STRIP INSULATION EVENLY AROUND THE CONDUCTOR USING TOOLS DESIGNED FOR THE PURPOSE. AVOID SCORING OR NICKING WIRE. THE LENGTH OF FREE CONDUCTORS AT OUTLETS FOR DEVICES SHALL BE 6 INCHES MINIMUM.
   - EXISTING CONDUCTORS: CUT BACK AND PIGTAIL, OR REPLACE ALL DAMAGED CONDUCTORS. PIGTAILING EXISTING CONDUCTORS IS PERMITTED, PROVIDED THE OUTLET BOX IS LARGE ENOUGH.
3. DEVICE INSTALLATION:
   - WHEN THERE IS A CHOICE, USE SIDE WIRING WITH BINDING–HEAD SCREW TERMINALS. WRAP SOLID CONDUCTOR TIGHTLY CLOCKWISE, TWO–THIRDS TO THREE–FOURTHS OF THE WAY AROUND TERMINAL SCREW. USE A TORQUE SCREWDRIVER WHEN A TORQUE IS RECOMMENDED OR REQUIRED BY MANUFACTURER.
   - WHEN CONDUCTORS LARGER THAN NO. 12 AWG ARE INSTALLED ON 15– OR 20–A CIRCUITS, SPLICE NO. 12 AWG PIGTAILS FOR DEVICE CONNECTIONS.
4. MOUNTING HEIGHTS, FINISHED FLOOR TO DEVICE CENTERLINE (U.N.O.):
   - SWITCH 42", OVER OBSTRUCTION 44"
   - RECEPTACLE, TELEPHONE/DATA OUTLET, 18"
   - FIRE ALARM PULL STATIONS 44"
   - FIRE ALARM A/V UNITS 80" (OR 6" BELOW CEILING, IF LOWER)
5. RECEPTACLE ORIENTATION:
   - INSTALL GROUND PIN OF VERTICALLY MOUNTED RECEPTACLES UP, AND ON HORIZONTALLY MOUNTED RECEPTACLES TO THE LEFT.

K. GFCI RECEPTACLES: INSTALL NON–FEED–THROUGH–TYPE GFCI RECEPTACLES WHERE PROTECTION OF DOWNSTREAM RECEPTACLES IS NOT REQUIRED.

260553 IDENTIFICATION FOR ELECTRICAL SYSTEMS

A. UNDERGROUND LINE MARKING TAPE: PERMANENT, BRIGHT–COLORED, CONTINUOUS–PRINTED, PLASTIC TAPE COMPOUNDED FOR DIRECT–BURIAL SERVICE NOT LESS THAN 6 INCHES WIDE BY 4 MILS THICK.

B. ENGRAVED, PLASTIC–LAMINATED LABELS AND SIGNS, ENGRAVING STOCK MELAMINE PLASTIC LAMINATE, 1/16–INCH MINIMUM THICK FOR SIGNS UP TO 20 SQUARE INCHES, OR 8 INCHES IN LENGTH; 1/8–INCH THICK FOR LARGER SIZES. ENGRAVED LEGEND IN WHITE LETTERS ON BLACK FACE AND PUNCHED FOR MECHANICAL FASTENERS.

C. FASTENERS FOR PLASTIC–LAMINATED AND METAL SIGNS: SELF–TAPPING STAINLESS STEEL SCREWS OR NUMBER 10/32 STAINLESS STEEL MACHINE SCREWS WITH NUTS AND FLAT LOCK WASHERS.

D. DURING TRENCH BACKFILLING, FOR EXTERIOR UNDERGROUND POWER, AND COMMUNICATIONS LINES, INSTALL CONTINUOUS UNDERGROUND PLASTIC LINE MARKER, LOCATED DIRECTLY ABOVE LINE AT 12" INCHES BELOW GRADE.

E. INSTALL BRASS TAG ON EACH UNDERGROUND CONDUIT, IDENTIFYING SOURCE AND SERVICE AT EACH END.

F. INSTALL WARNING OR CAUTION SIGNS WHERE REQUIRED BY NEC, WHERE INDICATED, OR WHERE REASONABLY REQUIRED TO ASSURE SAFE OPERATION AND MAINTENANCE OF ELECTRICAL SYSTEMS.

G. COLOR CODE SECONDARY SERVICE, FEEDER, & BRANCH CIRCUIT CONDUCTORS AS FOLLOWS:

208Y/120	PHASE	480Y/277V
RED	A	BROWN
BLACK	B	ORANGE
BLUE	C	YELLOW
WHITE	NEUTRAL	GRAY
GREEN	GROUND	GREEN
GRN/YL	ISO GND	GRN/YL

- USE CONDUCTORS WITH COLOR FACTORY–APPLIED THE ENTIRE LENGTH OF THE CONDUCTORS EXCEPT AS FOLLOWS. THE FOLLOWING FIELD–APPLIED COLOR–CODING METHODS MAY BE USED IN LIEU OF FACTORY–CODED WIRE NO. 10 AWG & LARGER.
  APPLY COLORED, PRESSURE–SENSITIVE PLASTIC TAPE IN HALF–LAPPED TURNS FOR A DISTANCE OF 6 INCHES FROM TERMINAL POINTS. IN LIEU OF PRESSURE–SENSITIVE TAPE, COLORED CABLE TIES MAY BE USED. APPLY THREE TIES OF SPECIFIED COLOR TO EACH WIRE AT EACH TERMINAL STARTING 3 INCHES FROM THE TERMINAL & SPACED 3 INCHES APART.

262300 INDOOR & OUTDOOR SERVICE ENTRANCE GEAR (480V & BELOW)

A. GENERAL: PROVIDE UTILITY METER SECTION PER UTILITY STANDARDS WHEN INDICATED ON THE PLANS.

- UTILITY METERING COMPARTMENT: THE UTILITY CURRENT TRANSFORMER COMPARTMENT SHALL COMPLY WITH THE LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- SHORT CIRCUIT CURRENT RATING AS INDICATED ON ONE–LINE.
- FUTURE PROVISIONS: ALL UNUSED SPACES PROVIDED, UNLESS OTHERWISE SPECIFIED, SHALL BE FULLY EQUIPPED FOR FUTURE DEVICES, INCLUDING ALL APPROPRIATE CONNECTORS AND MOUNTING HARDWARE.
- ENCLOSURE: TYPE 1 OR TYPE 3R AS INDICATED ON THE PLANS.

B. THE SWITCHGEAR ENCLOSURE SHALL BE PAINTED MEDIUM GRAY, ANSI #49.

C. ALL FRONT COVERS SHALL BE SCREW REMOVABLE WITH A SINGLE TOOL AND ALL DOORS SHALL BE HINGED.

D. TOP AND BOTTOM CONDUIT AREAS SHALL BE CLEARLY INDICATED ON SHOP DRAWINGS.

- NAMEPLATES: PROVIDE 1 INCH HIGH X 3 INCHES ENGRAVED LAMINATED NAMEPLATES FOR EACH DEVICE. FURNISH BLACK LETTERS ON A WHITE BACKGROUND FOR ALL VOLTAGES.
- BUS COMPOSITION: SHALL BE PLATED COPPER OR ALUMINUM. FULL PROVISIONS FOR THE ADDITION OF FUTURE SECTIONS SHALL BE PROVIDED. BUSSING SHALL INCLUDE ALL NECESSARY HARDWARE TO ACCOMMODATE SPLICING FOR FUTURE ADDITIONS.
- GROUND BUS: SHALL EXTEND THE ENTIRE LENGTH OF THE SWITCHGEAR.
- ALL LUGS SHALL BE UL LISTED TO ACCEPT SOLID AND/OR STRANDED COPPER AND ALUMINUM CONDUCTORS.
- PROVIDE MECHANICAL TYPE LUGS TO ACCOMMODATE THE CONDUCTOR SHOWN ON THE ASSOCIATED DRAWINGS.

E. SWITCHGEAR SHALL BE COMPLETELY ASSEMBLED, WIRED, ADJUSTED, AND TESTED AT THE FACTORY.

F. CONTRACTOR SHALL INSTALL EQUIPMENT DESCRIBED IN THIS SPECIFICATION, PER MANUFACTURER'S RECOMMENDED PRACTICE, AS LOCATED ON DRAWINGS.

- CONTRACTOR SHALL COORDINATE INSTALLATION WITH MANUFACTURER FOR START–UP AND CERTIFICATION.
- CONTRACTOR SHALL PROVIDE CONCRETE PADS FOR EQUIPMENT.

G. MANUFACTURER SHALL PROVIDE THE SERVICES OF A COMPETENT FIELD SERVICE REPRESENTATIVE AS NEEDED TO RESOLVE ANY MALFUNCTIONS AND TO MAKE ANY INSPECTIONS, CHECKS, ETC. NEEDED TO PROVIDE MANUFACTURER'S CERTIFICATION. A MANUFACTURER'S CERTIFICATION SHALL BE PROVIDED PRIOR TO EQUIPMENT BEING ENERGIZED.

262413 SWITCHBOARDS AND PANELBOARDS

A. PROVIDE FACTORY–ASSEMBLED, DEAD–FRONT, METAL–ENCLOSED, SWITCHBOARDS AND PANELBOARDS, OF TYPES, SIZES, ELECTRICAL RATINGS AND CHARACTERISTICS INDICATED.
- INDOORS: NEMA TYPE 1
- OUTDOORS: NEMA TYPE 3R

B. BUSSING: COPPER OR ALUMINUM WITH AMPACITY RATING AND SHORT–CIRCUIT CURRENT RATING AS INDICATED ON ONE–LINE.

C. FUSIBLE SWITCHES: PROVIDE FUSIBLE SWITCH ASSEMBLIES, 3–POLE, QUICK–MAKE, QUICK–BREAK TYPES MOUNTED IN METAL ENCLOSURES WHICH ARE OPERATED BY EXTERNALLY LOCATED HANDLES WHICH CAN BE LOCKED IN ON OR OFF POSITIONS.

D. METERING: WHERE INDICATED PROVIDE METERING COMPARTMENTS FOR CT'S, PT'S AND INSTRUMENTS.

E. FASTEN ENCLOSURES FIRMLY TO WALLS AND STRUCTURAL SURFACES, ENSURING THEY ARE PERMANENTLY & MECHANICALLY ANCHORED.

F. FILL OUT PANELBOARD'S CIRCUIT DIRECTORY CARD UPON COMPLETION OF INSTALLATION WORK.

260529 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

A. RACEWAY SUPPORTS: CLEVIS HANGERS, RISER CLAMPS, CONDUIT STRAPS, THREADED C–CLAMPS WITH RETAINERS, CEILING TRAPEZE HANGERS, WALL BRACKETS, & SPRING STEEL CLAMPS.

B. U–CHANNEL SYSTEMS: 16GAGE STEEL CHANNELS, WITH 9/16 INCH DIAMETER HOLES, AT A MINIMUM OF 8 INCHES ON CENTER. PROVIDE FITTINGS & ACCESSORIES THAT MATCH WITH U–CHANNEL.

C. INSTALL SUPPORTING DEVICES TO FASTEN ELECTRICAL COMPONENTS SECURELY & PERMANENTLY IN ACCORDANCE WITH NEC REQUIREMENTS.

D. COORDINATE INSTALLATION OF SUPPORTING DEVICES WITH STRUCTURAL SYSTEMS & OTHER ELECTRICAL INSTALLATIONS.

E. RACEWAY SUPPORTS: COMPLY WITH THE NEC & THE FOLLOWING:

- CONFORM TO MANUFACTURER'S RECOMMENDATIONS FOR SELECTION & INSTALLATION OF SUPPORTS.
- STRENGTH OF EACH SUPPORT SHALL BE ADEQUATE TO CARRY PRESENT & FUTURE LOAD MULTIPLIED BY A SAFETY FACTOR OF AT LEAST FOUR OR 200 LBS SAFETY ALLOWANCE MINIMUM.
- INSTALL INDIVIDUAL & MULTIPLE (TRAPEZE) RACEWAY HANGERS & RISER CLAMPS AS NECESSARY TO SUPPORT RACEWAYS. PROVIDE U–BOLTS, CLAMPS, ATTACHMENTS, & OTHER HARDWARE AS NECESSARY.
- SUPPORT PARALLEL RUNS OF HORIZONTAL RACEWAYS TOGETHER ON TRAPEZE–TYPE HANGERS.
- SUPPORT INDIVIDUAL HORIZONTAL RACEWAYS BY SEPARATE PIPE HANGERS. SPRING STEEL FASTENERS MAY BE USED IN LIEU OF HANGERS ONLY FOR 1–1/2 INCHES & SMALLER RACEWAYS SERVING LIGHTING & RECEPTACLE BRANCH CIRCUITS ABOVE SUSPENDED CEILINGS ONLY. FOR HANGER RODS WITH SPRING STEEL FASTENERS, USE 1/4 INCH DIAMETER OR LARGER THREADED STEEL. USE SPRING STEEL FASTENERS SPECIFICALLY DESIGNED FOR SUPPORTING SINGLE CONDUITS.
- SPACE SUPPORTS FOR RACEWAYS IN ACCORDANCE WITH NEC.
- SUPPORT EXPOSED & CONCEALED RACEWAY WITHIN 1 FOOT OF AN UNSUPPORTED BOX & ACCESS FITTINGS. IN HORIZONTAL RUNS, SUPPORT AT THE BOX & ACCESS FITTINGS MAY BE OMITTED WHERE BOX OR ACCESS FITTINGS ARE INDEPENDENTLY SUPPORTED & RACEWAY TERMINALS ARE NOT MADE WITH CHASE NIPPLES OR THREADLESS BOX CONNECTORS.
- IN VERTICAL RUNS, ARRANGE SUPPORT SO THE LOAD PRODUCED BY THE WEIGHT OF THE RACEWAY & THE ENCLOSED CONDUCTORS IS CARRIED ENTIRELY BY THE CONDUIT SUPPORTS WITH NO WEIGHT LOAD ON RACEWAY TERMINALS.

G. INSTALL VERTICAL CONDUCTOR SUPPORTS SIMULTANEOUSLY WITH INSTALLATION OF CONDUCTORS.

H. SUPPORT MISCELLANEOUS ELECTRICAL COMPONENTS AS REQUIRED TO PRODUCE THE SAME STRUCTURAL SAFETY FACTORS AS SPECIFIED FOR RACEWAY SUPPORTS. INSTALL METAL CHANNEL RACKS FOR MOUNTING CABINETS, PANELBOARDS, DISCONNECTS, CONTROL ENCLOSURES, PULL BOXES, JUNCTION BOXES, TRANSFORMERS, & OTHER DEVICES.

I. IN OPEN OVERHEAD SPACES, CAST BOXES THREADED TO RACEWAYS NEED NOT BE SUPPORTED SEPARATELY EXCEPT WHERE USED FOR FIXTURE SUPPORT; SUPPORT SHEET METAL BOXES DIRECTLY FROM THE BUILDING STRUCTURE OR BY BAR HANGERS.

260533 RACEWAYS & BOXES FOR ELECTRICAL SYSTEMS

A. COORDINATE WITH OTHER WORK, AS NECESSARY TO INTERFACE INSTALLATION OF ELECTRICAL RACEWAYS WITH OTHER DISCIPLINES. PROVIDE SUPPORTS PER NEC.

B. OUTDOORS: APPLY AS SPECIFIED BELOW (UNLESS NOTED OTHERWISE)

- EXPOSED CONDUIT (DAMP, DRY, OR CONCEALED LOCATIONS): ELECTRICAL METALLIC TUBING (EMT), COMPRESSION FITTINGS.
- EXPOSED CONDUIT (WET LOCATIONS): ELECTRICAL METALLIC TUBING (EMT), LISTED WEATHERPROOF COMPRESSION FITTINGS
- EXPOSED CONDUIT (WHERE SUBJECT TO PHYSICAL DAMAGE): GALVANIZED RIGID CONDUIT (GRC), INTERMEDIATE METAL CONDUIT (IMC).
- UNDERGROUND CONDUIT: RIGID NONMETALLIC CONDUIT, MINIMUM SCHEDULE 40.
- CONNECTION TO VIBRATING EQUIPMENT: LIQUID–TIGHT FLEX METAL CONDUIT 18" MAX.
- BOXES AND ENCLOSURES, ABOVE GROUND: NEMA 250, TYPE 3R.

C. INDOORS APPLY AS SPECIFIED BELOW (UNLESS NOTED OTHERWISE):

- EXPOSED: ELECTRICAL METALLIC TUBING (EMT).
- EXPOSED (WHERE SUBJECT TO PHYSICAL DAMAGE): GALVANIZED RIGID CONDUIT (GRC), INTERMEDIATE METAL CONDUIT (IMC).
- CONCEALED: ELECTRICAL METALLIC TUBING (EMT).
- CONCEALED, FROM JUNCTION BOX TO CONCEALED WIRING DEVICE BOX(ES): ELECTRICAL METALLIC TUBING (EMT).
- EMBEDDED IN SLAB: RIGID NONMETALLIC CONDUIT, SCHEDULE 40 MIN.
- WITHIN PLENUMS: NO LIQUID–TIGHT FLEXIBLE METAL CONDUIT.
- CONNECTION TO VIBRATING EQUIPMENT: LIQUID–TIGHT FLEXIBLE METAL CONDUIT 18" MAX.
- TYPE NM CABLE (ROMEX) IS NOT PERMITTED IN COMMERCIAL APPLICATIONS.
- BOXES AND ENCLOSURES: NEMA 250, TYPE 1, EXCEPT USE NEMA 250, TYPE 4 STAINLESS STEEL OR NONMETALLIC IN INSTITUTIONAL AND COMMERCIAL KITCHENS AND DAMP OR WET LOCATIONS. 4" SQUARE x 2–1/8" DEEP BOXES.
- EMT FITTINGS (INDOORS): COMPRESSION.

D. MINIMUM RACEWAY SIZE: 3/4–INCH (21–MM) TRADE SIZE. 1" MINIMUM, UNDERGROUND.

E. DO NOT INSTALL ALUMINUM CONDUITS, BOXES, OR FITTINGS IN CONTACT WITH CONCRETE OR EARTH.

F. CONCEAL CONDUIT AND EMT, UNLESS INDICATED OTHERWISE (EXCEPTION: ELECTRICAL AND MECHANICAL ROOMS), WITHIN FINISHED WALLS, CEILINGS, AND FLOORS. KEEP RACEWAYS AT LEAST 6 INCHES AWAY FROM FLUES, STEAM OR HOT WATER PIPES.

G. COMPLY WITH REQUIREMENTS IN SECTION 260529 "HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS" FOR HANGERS AND SUPPORTS.

H. INSTALL NO MORE THAN THE EQUIVALENT OF THREE 90–DEGREE BENDS IN ANY CONDUIT RUN EXCEPT FOR CONTROL WIRING CONDUITS, FOR WHICH FEWER BENDS ARE ALLOWED. SUPPORT WITHIN 12 INCHES (300 MM) OF CHANGES IN DIRECTION.

I. SUPPORT CONDUIT WITHIN 12 INCHES (300 MM) OF ENCLOSURES TO WHICH ATTACHED.

J. RACEWAYS EMBEDDED IN SLABS:

- RUN CONDUIT LARGER THAN 1–INCH (27–MM) TRADE SIZE, PARALLEL OR AT RIGHT ANGLES TO MAIN REINFORCEMENT. WHERE AT RIGHT ANGLES TO REINFORCEMENT, PLACE CONDUIT CLOSE TO SLAB SUPPORT. SECURE RACEWAYS TO REINFORCEMENT AT MAXIMUM 10–FOOT (3–M) INTERVALS.
- ARRANGE RACEWAYS TO CROSS BUILDING EXPANSION JOINTS AT RIGHT ANGLES WITH EXPANSION FITTINGS.

K. STUB–UPS TO ABOVE RECESSED CEILINGS:

- USE EMT, IMC, OR RMC FOR RACEWAYS.
- USE A CONDUIT BUSHING OR INSULATED FITTING TO TERMINATE STUB–UPS NOT TERMINATED IN HUBS OR IN AN ENCLOSURE.

L. PROVIDE APPROVED FIRE SEALS AND SEALING MATERIAL WHEREVER CONDUIT PASSES THROUGH FIRE–RATED WALLS OR FLOORS. (SEE ARCHITECTURAL PLANS)

M. INSTALL PULL WIRES IN EMPTY RACEWAYS. USE NO. 14 AWG ZINC –COATED STEEL OR MONOFILAMENT PLASTIC LINE HAVING NOT LESS THAN 200 LBS TENSILE STRENGTH. LEAVE NOT LESS THAN 12 INCHES OF SLACK AT EACH END OF THE PULL WIRE.

260519 LOW VOLTAGE (600V AND BELOW) ELECTRICAL POWER CONDUCTORS AND CABLES

ALUMINUM AND COPPER CONDUCTORS: COMPLY WITH NEMA WC 70/ICEA S–95–658.

CONDUCTOR MATERIAL APPLICATIONS:

A. FEEDERS: COPPER FOR FEEDERS SMALLER THAN 100A RATING; COPPER OR ALUMINUM FOR FEEDERS 100A AND LARGER. SOLID FOR NO. 12 AWG AND SMALLER; STRANDED FOR NO. 10 AWG AND LARGER.

B. BRANCH CIRCUITS: COPPER. SOLID FOR NO. 12 AWG AND SMALLER; STRANDED FOR NO. 10 AWG AND LARGER.

CONDUCTOR INSULATION:

A. FEEDERS: TYPE XHHW–2, SINGLE CONDUCTORS IN RACEWAY.

B. BRANCH CIRCUITS, TYPE THHN/THWN–2, SINGLE CONDUCTORS IN RACEWAY.

C. CONCEAL CABLES IN FINISHED WALLS, CEILINGS, AND FLOORS UNLESS OTHERWISE INDICATED.

D. USE MANUFACTURER APPROVED PULLING COMPOUND OR LUBRICANT WHERE NECESSARY; COMPOUND USED MUST NOT DETERIORATE CONDUCTOR OR INSULATION. DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM PULLING TENSIONS AND SIDEWALL PRESSURE VALUES.

E. USE PULLING MEANS, INCLUDING FISH TAPE, CABLE, ROPE, AND BASKET–WEAVE WIRE/CABLE GRIPS, THAT WILL NOT DAMAGE CABLES OR RACEWAY.

F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE–TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL486A–486B.

G. MAKE SPLICES, TERMINATIONS, AND TAPS THAT ARE COMPATIBLE WITH CONDUCTOR MATERIAL. USE OXIDE INHIBITOR IN EACH SPLICE, TERMINATION, AND TAP FOR ALUMINUM CONDUCTORS.

H. WIRING AT OUTLETS: INSTALL CONDUCTOR AT EACH OUTLET, WITH AT LEAST 6 INCHES OF SLACK.

I. APPLY FIRESTOPPING TO ELECTRICAL PENETRATIONS OF FIRE–RATED FLOOR AND WALL ASSEMBLIES TO RESTORE ORIGINAL FIRE–RESISTANCE RATING OF ASSEMBLY.

J. AFTER INSTALLING CONDUCTORS AND CABLES AND BEFORE ELECTRICAL CIRCUITRY HAS BEEN ENERGIZED, TEST SERVICE ENTRANCE AND FEEDER CONDUCTORS. PERFORM EACH VISUAL AND MECHANICAL INSPECTION AND ELECTRICAL TEST STATED IN NETA ACCEPTANCE TESTING SPECIFICATION. CERTIFY COMPLIANCE WITH TEST PARAMETERS.

- PERFORM INSULATION RESISTANCE ON EACH CONDUCTOR WITH RESPECT TO GROUND AND ADJACENT CONDUCTORS. 1000 VOLTS DC FOR 600 VOLT RATED CABLE. TEST DURATION SHALL BE ON MINUTE.
- MINIMUM INSULATION RESISTANCE VALUES SHOULD NOT BE LESS THAN 50 MEGOHMS.

260526 GROUNDING

1. WIRE AND CABLE CONDUCTORS

   A. GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE ELECTRICAL GROUNDING CONDUCTORS FOR EQUIPMENT, SYSTEM, AND SEPARATELY DERIVED SYSTEM GROUNDING CONNECTIONS THAT MATCH POWER SUPPLY WIRING MATERIALS AND ARE SIZED ACCORDING TO NEC.

   B. EQUIPMENT GROUNDING CONDUCTOR: GREEN INSULATED.

   C. GROUNDING ELECTRODE CONDUCTOR: STRANDED BARE CU.

2. CONNECTOR PRODUCTS

   A. GENERAL: LISTED AND LABELED AS GROUNDING CONNECTORS FOR THE MATERIALS USED.

3. GROUNDING ELECTRODES

   A. GROUND RODS: COPPER–CLAD STEEL 5/8" X 8'–0" (U.N.O)

   B. PLATE ELECTRODES: COPPER PLATES, MINIMUM 0.10 INCH THICK.

   C. GROUND WELLS: CONCRETE, 9" DIA. X 24" DEEP (U.N.O.), WITH COVER MARKED "GROUND".

4. APPLICATION

   A. EQUIPMENT GROUNDING CONDUCTOR APPLICATION: COMPLY WITH NEC ARTICLE 250 FOR SIZES AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, EXCEPT WHERE LARGER SIZES OR MORE CONDUCTORS ARE INDICATED.
      - A SEPARATE GREEN GROUND WIRE SHALL BE PROVIDED BETWEEN THE LOAD AND DISTRIBUTION SOURCE FOR ALL BRANCH CIRCUITS AND FEEDERS (U.N.O)

   B. SIGNAL AND COMMUNICATIONS: FOR TELEPHONE, ALARM, AND COMMUNICATION SYSTEMS, PROVIDE A #4 AWG MINIMUM GREEN INSULATED COPPER CONDUCTOR IN RACEWAY FROM THE GROUNDING ELECTRODE SYSTEM TO EACH TERMINAL CABINET OR CENTRAL EQUIPMENT LOCATION.

   C. METAL POLES SUPPORTING OUTDOOR LIGHTING FIXTURES: GROUND POLE TO A GROUNDING ELECTRODE AS INDICATED IN ADDITION TO SEPARATE EQUIPMENT GROUNDING CONDUCTOR RUN WITH SUPPLY BRANCH CIRCUIT.

   D. CONNECTIONS TO LIGHTNING PROTECTION SYSTEM: (WHEN APPLICABLE) COORDINATE WITH LIGHTNING PROTECTION CONTRACTOR FOR ALL GROUND CONNECTIONS TO THE LIGHTNING PROTECTION SYSTEM PER NFPA 78 "LIGHTNING PROTECTION CODE." LIGHTNING PROTECTION CONTRACTOR SHALL INSTALL SYSTEM WITH 'MASTER LABEL'.

   E. GENERAL: GROUND ELECTRICAL SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH NEC REQUIREMENTS EXCEPT WHERE THE DRAWINGS OR SPEC. EXCEED NEC REQUIREMENTS.
      - ALL EQUIPMENT, GROUND PADS, ENCLOSURES, DEVICES, ETC. SHALL BE BONDED TOGETHER.
      - GROUND ELECTRICAL SERVICE SYSTEM NEUTRAL AT SERVICE ENTRANCE EQUIPMENT TO GROUND ELECTRODE SYSTEM.
      - GROUND EACH SEPARATELY–DERIVED SYSTEM NEUTRAL TO GROUND ELECTRODE SYSTEM.

   F. TIGHTEN GROUNDING AND BONDING CONNECTORS AND TERMINALS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES OR UL 486A.

5. FIELD QUALITY CONTROL

   A. TESTS: SUBJECT THE COMPLETED GROUNDING SYSTEM TO A MEGGER TEST (THIRD–PARTY).

   B. GROUND/RESISTANCE MAXIMUM VALUES SHALL BE AS FOLLOWS:
      - EQUIPMENT RATED 500 KV

AREA SERVED:	VARIES	BASIS:	IECC 2018
SQUARE-FOOTAGE:	3743 SF		
ALLOWED WATTS /FT2:	0.79 W/FT		
TOTAL ALLOWED WATTS:	2957 WATTS		
PROPOSED (SEE BELOW)	2083 WATTS		
PROJECT COMPLIANCE	874 WATTS	30%	

A		B	C	D	E
FIXTURE DESCRIPTION	TAG	LAMPS/ FIXT	NUM FIXT	FIXT WATT	(C X D)
SEE FIXT SCHEDULE (TYP)	FA/FAA	1	6	38	228
	FAA/FAAE	1	2	38	76
	FA2/FA2E	1	7	38	266
	L7	1	3	75	225
	LS4/LS4E	1	4	42	168
	R4/R4E	1	20	18	360
	XFB	1	19	40	760
			TOTAL		2083

1 INTERIOR ENERGY CALCS
NO SCALE

FIXTURE SCHEDULE

PROJ. TAG	DESCRIPTION	LOCATION(S): RM # OR SHEET #	MOUNTING	FINISH	VOLTS	LAMP(S)/ WATTS	TYPE	FIXT WATTS	TEMP. (K)	EMERG.	CONTROL	ENVIR. WET/DAMP	IC RATING	MANUFACTURER/CAT# (BASIS OF DESIGN)	ALTERNATE MANUFACTURERS	KEYED NOTES & COMMENTS
EMERGENCY LIGHTING AND EXIT SIGNS																
EX	EXIT SIGN, LED, BATTERY BACKUP, THERMOPLASTIC, GREEN LETTERS	VARIES	SURFACE	TBD	MV		LED		N/A	X	N/A			LITHONIA LQM-S-W-3-R-120/277-EL-N	OR EQUAL	
EY	EXIT SIGN WITH EMERGENCY LIGHTS COMBINATION TYPE	VARIES	SURFACE	WHT	MV	2-1.5W	LED		N/A	X	N/A			LITHONIA QUANTUM LHQM-LED SERIES	OR EQUAL	
INTERIOR AND EXTERIOR LIGHTING																
BW	WALL PACK, FULL CUT-OFF, LED, MEDIUM DISTRIBUTION	EXTERIOR WALLS	SURFACE		MV	1-15W	LED	15W	4000K			WET	–	LITHONIA WEDGE 1-LED-(1/2)-4000K-(DIST)-MVOLT-(MOUNTING)-(OPTIONS)-(FINISH)	OR EQUAL	
BWE	SAME TYPE AS 'BW' WITH EMERGENCY BATTERY BACK UP	EXTERIOR DOORS	SURFACE		MV	1-15W	LED	15W	4000K	YES		WET	–	LITHONIA WEDGE 1-LED-(1/2)-4000K-(DIST)-MVOLT-(MOUNTING)-(OPTIONS)-(FINISH)	OR EQUAL	
FA	RECESSED, 2x4, TROFFER, LED WITH ACRYLIC LENS	PREP 119	GRID	WHITE	MV	1-38W	LED	38W	3500K	–	DIMMING	–		LITHONIA EPANL-2x4-48L-80-35-MIN1-ZT-MV-PWS	OR EQUAL	2
FAE	SAME TYPE AS 'FA' WITH EMERGENCY BATTERY BACK UP									YES				-E10WCP	OR EQUAL	2
FAA	SAME TYPE AS 'FA' WITH GYPBOARD CEILING ADAPTOR	SERVICE 121	GRID	WHITE	MV	1-38W	LED	38W	3500K	–	DIMMING	–		LITHONIA EPANL-2x4-48L-80-35-MIN1-ZT-MV-PWS-WITH GYBOARD ADAPTOR-DGA24	OR EQUAL	2
FAAE	SAME TYPE AS 'FAA' WITH EMERGENCY BATTERY BACK UP									YES				-E10WCP	OR EQUAL	2
FA2	RECESSED, 2x2, TROFFER, LED WITH ACRYLIC LENS		GRID	WHITE	MV	1-38W	LED	38W	3500K	–	DIMMING	–		LITHONIA EPANL-2x2-40L-80-35-MIN1-ZT-MV-PWS	OR EQUAL	2
FA2E	SAME TYPE AS 'FA2' WITH EMERGENCY BATTERY BACK UP									YES				-E10WCP	OR EQUAL	2
L7	COOLER LIGHTS LED VAPORTIGHT. BRANCH WIRING & CONTROLS BY ELECTRICAL CONTRACTOR	FREEZER/COOLER	SURFACE	WHITE	120V	1-75W	LED	75W	3500K		N/A	FREEZER	–	LITHONIA VAP LED	OR EQUAL	
LS4	LED STRIP, HEAVY DUTY, 4 FT, WITH WIRE GUARD, HANGERS AS NEEDED	JANITOR/STORAGE	SURFACE	WHITE	MV	1-42W	LED	42W	3500K		N/A		–	LITHONIA ZL1N SERIES	OR EQUAL	2
LS4E	SAME TYPE AS 'LS4' WITH EMERGENCY BATTERY BACK UP									YES				LITHONIA ZL1N SERIES-E7W	OR EQUAL	2
R4	RECESSED DOWNLIGHT, 4", ROUND		RECESSED	WHITE	MV	1-17.5W	LED	18W	3500K	–	DIMMING	WET	–	LITHONIA #LDN4-35/15-LO4-AR-LSS-MV-EZ1	OR EQUAL	2
R4E	SAME TYPE AS 'R4' WITH EMERGENCY BATTERY BACK UP									YES					OR EQUAL	2
XFB	EXISTING RECESSED, 2x4, TROFFER WITH RETROFIT T8 LED	VARIES	GRID	WHITE	MV	3-15W	LED	45W	3500K		DIMMING		–	RAB, GREEN CREATIVE, SYLVANIA. COMPATIBLE RETRO-FIT T8 LED 15W	OR EQUAL	1
LIGHTING CONTROLS																
DOW	OCCUPANCY SENSOR, WALL MOUNT, DIMMING, LINE VOLTAGE	VARIES	WALL	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, WSX-D-WH	OR EQUAL	
OC	OCCUPANCY SENSOR, CEILING MOUNT, PIR, LINE VOLTAGE, STANDARD RANGE	VARIES	CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-9-WH	OR EQUAL	
OC2	OCCUPANCY SENSOR, CEILING MOUNT, PIR, 2 CIRCUIT, STANDARD RANGE	VARIES	CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-9-2P-WH	OR EQUAL	
OCD	OCCUPANCY SENSOR, CEILING MOUNT, DUAL TECHNOLOGY, STANDARD RANGE	VARIES	CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-PDT-9-WH	OR EQUAL	
OC2D	OCCUPANCY SENSOR, CEILING MOUNT, 2 CIRCUIT, DUAL TECHNOLOGY, STANDARD RANGE		CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-PDT-9-2P-WH	OR EQUAL	
OCX	OCCUPANCY SENSOR, CEILING MOUNT, PIR, LINE VOLTAGE, EXTENDED RANGE		CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-10-WH	OR EQUAL	
OC2X	OCCUPANCY SENSOR, CEILING MOUNT, PIR, 2 CIRCUIT, EXTENDED RANGE		CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-10-2P-WH	OR EQUAL	
OCDX	OCCUPANCY SENSOR, CEILING MOUNT, DUAL TECHNOLOGY, EXTENDED RANGE		CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-PDT-10-WH	OR EQUAL	
OC2DX	OCCUPANCY SENSOR, CEILING MOUNT, 2 CIRCUIT, DUAL TECHNOLOGY, EXTENDED RANGE		CEILING	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, CMR-PDT-10-2P-WH	OR EQUAL	
OW	OCCUPANCY SENSOR, WALL MOUNT, PIR, LINE VOLTAGE	VARIES	WALL	WHITE	N/A	–	N/A	–	–	–	–	–	–	SENSORSWITCH, WSD-WH	OR EQUAL	
TIME CLOCKS																
TC	ASTRONOMICAL 7-DAY TIME SWITCH, 1 OR 2 CIRCUITS, HOLIDAY OVERRIDE, NEMA 1 OR 3R ENCL.	VARIES	SURFACE	GRAY	VARIES	–	N/A	–	–	–	–	–	–	INTERMATIC ETC-8000 SERIES (120/208/240/277VAC), # CIRCUITS (1 OR 2), (SPST/SPDT, ENCLOSURE TO SUIT)	OR EQUAL	

KEYED NOTES:
1. CONFIRM T8, LAMP QUANTITY & TEMPERATURE.
2. CONFIRM PREFERED LAMP TEMPERATURE.

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06.25.20

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1
2
3
4

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical)
CERTIFICATE NO.
30536
WILLIAM J. BETHURUM, IV
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

LIGHTING SPECIFICATIONS

E0.3

283100 FIRE DETECTION AND ALARM

CONTINUED:

J. SPRINKLER SYSTEM MONITORING: PROVIDE INTERFACE MODULES AT EACH SPRINKLER SYSTEM FLOW AND TAMPER SWITCH. IF MORE THAN ONE TAMPER SWITCH IS LOCATED IN ONE AREA, ONLY ONE INTERFACE MODULE IS REQUIRED FOR THE TAMPER SWITCHES.

K. ELEVATOR RETURN CONTROL: PROVIDE CONTROLS REQUIRED FOR ELEVATOR RETURN, TO OPERATE AS FOLLOWS:

- ALARM AT ANY FLOOR OTHER THAN GRADE LEVEL, ELEVATOR SHAFT OR ELEVATOR CONTROL ROOM, ELEVATOR SHALL RETURN TO GRADE LEVEL.
- ALARM AT GRADE LEVEL: ELEVATOR SHALL RETURN TO ALTERNATE FLOOR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.

L. BEAM DETECTORS: PROVIDE COMBINATION HEAT AND SMOKE DETECTION BEAM DETECTORS THAT OPERATE WITH TRANSMITTED INFRARED LIGHT TO A RECEIVER UNIT. THE UNIT SHALL BE CAPABLE OF DETECTING ABNORMAL HEAT OR SMOKE IN ITS FIELD OF VIEW AND CONNECT TO AN INTERFACE MODULE OF THE FIRE ALARM SYSTEM.

M. SPRINKLER FLOW SWITCHES: PROVIDE A VANE–TYPE WATER FLOW SWITCH (WHERE SHOWN ON DRAWINGS) DESIGNATED TO DETECT A SUSTAINED FLOW OF WATER EXCEEDING 10 GPM. THE SWITCH SHALL HAVE A BUILT–IN ADJUSTABLE PNEUMATIC RETARD DEVICE TO DELAY ACTUATION OF ELECTRICAL SWITCHES AND TWO SINGLE–POLE DOUBLE–THROW SNAP ACTION MICRO SWITCHES RATED AT 10 AMPS, 125 VAC, EACH. THE FLOW SWITCH SHALL BE RATED FOR A MINIMUM OF 450 PSI WORKING SERVICE PRESSURE.

N. SPRINKLER TAMPER SWITCHES: PROVIDE A SCREW AND YOKE–TYPE GATE VALVE TAMPER SWITCH (WHERE SHOWN ON DRAWINGS). THE TAMPER SWITCH SHALL HAVE ONE SINGLE–POLE DOUBLE–THROW MICRO SWITCH RATED AT 10 AMPS, 125 VAC.

O. KNOX BOXES: PROVIDE A KNOX BOX AT LOCATION AS DIRECTED BY THE OWNER. KNOX BOXES SHALL ONLY BE PURCHASED THROUGH THE LOCAL FIRE DEPARTMENT.

P. ELECTRIC DOOR HOLDERS: PROVIDE ELECTRIC WALL–MOUNTED DOOR HOLDERS THAT ARE POWERED AND CONTROLLED FROM THE FIRE ALARM SYSTEM.

Q. INTERFACE MODULES: PROVIDE INTERFACE MODULES FOR THE MONITORING AND CONTROL OF REMOTE FUNCTIONS SUCH AS SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES, ELEVATOR RECALL, DOOR HOLDER OPERATION, SECURITY SYSTEM INTERFACE, KNOX BOX CONNECTION AND ANY OTHER AUXILIARY FUNCTIONS. THESE DEVICES SHALL BE CONNECTED TO THE INPUT DEVICE CIRCUIT FOR THE AREA IN WHICH THEY ARE INSTALLED, AND SUPERVISE THOSE INPUT DEVICE FIELD CONNECTIONS.

INSTALLATION OF BASIC WIRING SYSTEM MATERIALS

A. WIRING: WIRING OF FIRE ALARM AND DETECTION SYSTEM IS WORK OF THIS SECTION, BUT IS NOT SPECIFICALLY DETAILED ON DRAWINGS.

B. CONTRACTOR SHALL PROVIDE WIRING IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. COLOR CODE WIRING AND INSTALL PER MANUFACTURER'S POINT–TO–POINT WIRING DIAGRAM. DETERMINE EXACT NUMBER OF WIRES FOR EACH FIRE AREA ZONE FROM NUMBER AND TYPES OF DEVICES INSTALLED. CONNECT EACH DEVICE WITH SUFFICIENT WIRING TO COMPLETE ITS INTENDED OPERATION. POWER SHALL NOT BE APPLIED TO THE SYSTEM UNTIL THE REPRESENTATIVE OF THE MANUFACTURER AND THE FIRE MARSHALL HAS APPROVED THE CONNECTIONS TO THE CONTROL EQUIPMENT.

C. THE SYSTEM SHALL BE INSTALLED UTILIZING CONDUIT, APPROVED METAL RACEWAY OR UL–APPROVED FIRE CABLE FOR USE IN PLENUM SPACES.

D. WHERE THERE ARE A NUMBER OF DEVICES REQUIRING POWER SUCH AS SMOKE DETECTORS, FAN RELAYS, DOOR HOLDERS AND SMOKE DAMPER OPERATORS INSTALLED IN A CIRCUIT, GROUP IN NUMBERS SO POWER REQUIRED DOES NOT EXCEED 80% OF MANUFACTURER'S POWER SUPPLY RATING. PROVIDE EXTRA WIRING, OR EXTRA POWER SUPPLIES REQUIRED TO FULFILL THAT REQUIREMENT. IN ADDITION, PROVIDE EXTRA OR LARGER SIZE WIRING TO ALLEVIATE VOLTAGE DROPS WHICH MAKES DEVICE OPERATE BEYOND VOLTAGE LIMITS FOR WHICH IT WAS DESIGNED.

E. AFTER INSTALLATION OF SMOKE DETECTORS AND WIRING, CONTRACTOR SHALL PROVIDE A COVER OVER THE UNITS UNTIL THE TIME OF ACCEPTANCE TO KEEP CONTAMINANTS FROM ENTERING THE UNITS.

F. INSTALL WIRING, RACEWAYS, AND ELECTRICAL BOXES AND FITTINGS IN ACCORDANCE WITH DIVISION 16 SPECIFICATIONS. ANY CONDUCTORS, WIRE OR CABLE NOT INSTALLED IN CONDUIT SHALL BE U.L. APPROVED FIRE RATED PLENUM CABLE. THE SYSTEM CONDUIT AND WIRE SHALL BE SOLELY FOR THE PURPOSE OF THE FIRE ALARM SYSTEM.

G. INSTALL WIRES AND CABLES WITHOUT SPLICES. MAKE CONNECTIONS AT TERMINAL STRIPS IN CABINETS OR AT EQUIPMENT TERMINALS.

H. POWER FOR THE FIRE ALARM PANEL SHALL BE CONNECTED TO THE CIRCUIT BREAKER AS INDICATED ON THE DRAWINGS OR (IF NOT INDICATED) TO THE NEAREST AVAILABLE PANELBOARD ON A 20A,1P CIRCUIT BREAKER. PROVIDE A HANDLE LOCKING DEVICE FOR BREAKER INSTALLED IN THE "ON" POSITION.

4. FIELD QUALITY CONTROL

A. CONNECTION, DEMONSTRATION, AND SUPERVISION: MAKE CONNECTIONS TO PANEL UNDER MANUFACTURER'S SUPERVISION. RUN WIRING TO MAIN FIRE ALARM PANEL AND COMPLETE CONNECTIONS TO PANEL UTILIZING MANUFACTURER'S TECHNICIANS.

B. WHERE WORK CONSISTS OF ADDITIONS OR EXTENSIONS TO EXISTING SYSTEM, PRIOR TO STARTING WORK, ESTABLISH THAT SYSTEM IS IN PROPER WORKING ORDER. IF CONDITION EXISTS WHICH PREVENTS NORMAL OPERATION OF SPECIFIED ADDITIONS AND EXTENSIONS, BRING THIS FACT TO ENGINEER'S ATTENTION PRIOR TO DOING WORK AFFECTING EXISTING SYSTEM. WHERE WORK IS DONE WITHOUT SUCH NOTIFICATION, IT IS ASSUMED THAT CONNECTIONS HAVE BEEN MADE TO A WORKING SYSTEM, AND PERFORMANCE REQUIREMENTS AND GUARANTEE WILL APPLY TO ENTIRE SYSTEM.

C. DURING THE INSTALLATION PERIOD, THE EQUIPMENT SUPPLIER SHALL HAVE A REPRESENTATIVE VISIT THE JOB SITE TO REVIEW THE WIRING AND INSTALLATION WITH THE INSTALLING CONTRACTOR. AFTER THE SYSTEM IS COMPLETED, A REPRESENTATIVE OF THE SUPPLIER SHALL TEST THE ENTIRE SYSTEM FOR PROPER OPERATION. FURNISH DOCUMENTATION SHOWING TESTING WAS COMPLETED. A MEETING SHALL THEN BE ARRANGED BY THE ELECTRICAL CONTRACTOR FOR DEMONSTRATION ON THE OPERATION OF THE SYSTEM WITH THE OWNER'S REPRESENTATIVE AND LOCAL FIRE DEPARTMENT.

5. WARRANTY

A. THE ENTIRE INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE SYSTEM BY THE OWNER'S REPRESENTATIVE. THE GUARANTEE SHALL INCLUDE ALL PARTS, LABOR, TRAVEL AND ANY OTHER ITEMS REQUIRED TO KEEP THE SYSTEM IN A FIRST CLASS OPERATING CONDITION. THE OWNER SHALL BE OFFERED A FIRE ALARM SERVICE AGREEMENT TO COVER THE RECOMMENDED PERIODIC INSPECTION AND TESTING FREQUENCY.

B. SERVICE TECHNICIANS AND REPLACEMENT COMPONENTS FOR THE SYSTEM SPECIFIED SHALL BE AVAILABLE LOCALLY FROM AN AUTHORIZED SERVICE REPRESENTATIVE OF THE MANUFACTURER WHO IS ABLE TO PROVIDE EVIDENCE OF TECHNICAL TRAINING AND AUTHORIZATION BY THE MANUFACTURER.

283100 FIRE DETECTION AND ALARM

QUALITY ASSURANCE

A. MANUFACTURERS: FIRMS REGULARLY ENGAGED IN MANUFACTURE OF FIRE ALARM AND DETECTION SYSTEMS OF THE TYPE, OPERATION, AND CHARACTERISTICS REQUIRED WITH SYSTEMS THAT HAVE BEEN INSTALLED IN SIMILAR SERVICE FOR NOT LESS THAN 3 YEARS.

B. EQUIPMENT SUPPLIER: FIRMS THAT HAVE BEEN IN BUSINESS OF PROVIDING FIRE ALARM AND DETECTION SYSTEMS ON A CONTINUOUS BASIS FOR NOT LESS THAN 3 YEARS AND WHO CAN DEMONSTRATE THAT THEIR PRESENT BUSINESS HAS PROVIDED SATISFACTORY SALES AND SERVICE OF THE TYPE SYSTEM REQUIRED IN THESE SPECIFICATIONS. THE EQUIPMENT SUPPLIER SHALL BE REQUIRED TO DEMONSTRATE THAT IT MAINTAINS A FULLY STAFFED SERVICE DEPARTMENT, TRAINED ON EQUIPMENT SIMILAR TO THAT REQUIRED IN THESE SPECIFICATIONS, WITHIN A NORMAL 1–HOUR DRIVING DISTANCE OF THE PROJECT SITE.

C. INSTALLER: FIRMS QUALIFIED WITH AT LEAST 5 YEARS OF SUCCESSFUL INSTALLATION EXPERIENCE ON PROJECTS WITH FIRE ALARM AND DETECTION SYSTEM INSTALLATION WORK SIMILAR TO THIS PROJECT.

CODES AND STANDARDS:

A. COMPLY WITH THE FOLLOWING:

- NATIONAL ELECTRICAL CODE (NEC)
- NFPA STANDARDS: 72A, 72E, AND 71
- AMERICANS WITH DISABILITIES ACT (ADA)
- LATEST CODES AS ADOPTED BY THE LOCAL AUTHORITY. THE CONTRACTOR AND EQUIPMENT SUPPLIER SHALL ASSIST THE BUILDING CODE INSPECTORS IN THE FINAL TEST OF EQUIPMENT AND OPERATION OF THE SYSTEM.

B. UL COMPLIANCE AND LABELING: PROVIDE FIRE ALARM AND DETECTION SYSTEM COMPONENTS WHICH ARE UL–LISTED AND LABELED FOR THEIR INTENDED USE AND SERVICE.

SUBMITTALS

A. PRODUCT DATA: SUBMIT MANUFACTURER'S DATA ON FIRE ALARM SYSTEMS INCLUDING, BUT NOT LIMITED TO, WIRING DIAGRAMS, CONTROL PANEL LAYOUTS, DEVICE LOCATIONS, INSTRUCTIONS FOR INSTALLATION, AND OPERATION AND MAINTENANCE MANUALS.

B. SHOP DRAWINGS: PROVIDE SHOP DRAWINGS SHOWING EQUIPMENT/DEVICE LOCATIONS AND CONNECTING WIRING OF ENTIRE FIRE ALARM SYSTEM. INCLUDE WIRING AND RISER DIAGRAMS.

PRODUCTS

ACCEPTABLE MANUFACTURERS

A. NOTIFIER, EMHART INDUSTRIES INC, FIRE LITE, EST, RADIONICS, OR APPROVED EQUAL.

FIRE ALARM AND DETECTION SYSTEMS

A. GENERAL: PROVIDE COMPLETE FIRE ALARM AND DETECTION SYSTEM PRODUCTS OF TYPES, SIZES, AND CAPACITIES INDICATED, WHICH COMPLY WITH MANUFACTURER'S STANDARD DESIGN, MATERIALS, COMPONENTS; CONSTRUCTED IN ACCORDANCE WITH PUBLISHED PRODUCT INFORMATION, AND AS REQUIRED FOR COMPLETE AND OPERATING INSTALLATION.

B. NOTE: MANUFACTURER'S CATALOG NUMBERS (INDICATED IN SCHEDULE) ARE TO ESTABLISH A BASIS OF DESIGN QUALITY MINIMUM STANDARD ONLY AND IS NOT INTENDED TO ESTABLISH A DICTATORIAL OR PROPRIETARY MANUFACTURER.

C. OPERATION: THE SYSTEM SPECIFIED IS A ZONED TYPE SYSTEM THAT PROVIDES THE CAPABILITY OF MONITORING DEVICES, SUCH AS SMOKE DETECTORS, DUCT DETECTORS, HEAT DETECTORS, MANUAL PULL STATIONS, SPRINKLER ACTIVATING DEVICES, AND OTHER AUXILIARY FUNCTIONS FOR ALARM AND TROUBLE INDICATIONS. ALL ITEMS MONITORED SHALL BE CONNECTED TO A ZONE INDICATED ON THE DRAWINGS. THE ACTUATION OF AN ALARM INITIATION DEVICE SHALL CAUSE THE FOLLOWING OPERATION:

- ILLUMINATE THE APPROPRIATE ZONE INDICATOR LED ON THE ASSOCIATED FIRE ALARM CONTROL PANEL.
- OPERATE ALL SIGNALING DEVICES ON A CONTINUOUS BASIS UNTIL EITHER MANUALLY SILENCED OR AUTOMATICALLY AFTER 10 MINUTES.
- PROVIDE OUTPUTS FOR CONNECTION TO THE SITE SECURITY AND FIRE CONTROL CENTER.

D. BATTERY STANDBY: PROVIDE IN THE CONTROL UNIT CABINET, BATTERIES THAT WILL PROVIDE SUFFICIENT POWER TO ALLOW FULL SUPERVISORY CONDITIONS FOR ALL CONNECTED DEVICES AND OPERATE THE SIGNAL DEVICES FOR A MINIMUM OF FIVE MINUTES IF AN ALARM OCCURS AT THE END OF THE 24–HOUR PERIOD. THE BATTERIES SHALL BE THE SEALED TYPE AND AUTOMATICALLY RECHARGE AFTER NORMAL POWER IS RESTORED.

FIRE DOORS (AS APPLICABLE):

A. DOORS HELD OPEN BY ELECTRIC DOOR HOLDERS SHALL BE ALLOWED TO AUTOMATICALLY CLOSE DURING ANY FIRE ALARM CONDITION IN THE FACILITY. THESE DOORS SHALL NOT BE ABLE TO BE AUTOMATICALLY HELD OPEN UNTIL THE FIRE ALARM SYSTEM HAS BEEN RESET.

SECURITY SYSTEM DOORS (AS APPLICABLE):

A. DOORS THAT ARE LOCKED BY THE SECURITY SYSTEM THROUGH ELECTRIC DOOR STRIKES, SHALL BE AUTOMATICALLY UNLOCKED DURING FIRE ALARM CONDITION IN THE RESPECTIVE AREA IN WHICH THEY ARE INSTALLED. OUTPUT SHALL BE PROVIDED TO INTERFACE WITH EACH INDIVIDUALLY SECURED AREA IN THE SECURITY SYSTEM.

MATERIALS AND EQUIPMENT

A. WIRE AND CABLE FOR ALL FIRE ALARM SYSTEM AUXILIARY EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

B. FIRE ALARM CONTROL PANELS: PROVIDE WALL–MOUNTED CABINETS THAT INCLUDE THE REQUIRED POWER SUPPLY, ZONE INDICATING DISPLAY UNIT WITH REQUIRED ZONES, BATTERY PACK, AND SILENCE AND RESET SWITCHES FOR THE OPERATION DESCRIBED ABOVE.

C. MANUAL FIRE ALARM PULL STATIONS: PROVIDE DOUBLE–ACTION MANUAL STATIONS WITH KEYED LOCK RESET AND MATCHING BACKBOXES FOR SURFACE LOCATIONS. MOUNT 42 INCHES ABOVE FINISHED FLOOR TO CENTER LINE OF PULL STATION.

D. AUTOMATIC FIRE DETECTORS: PROVIDE RATE COMPENSATED HEAT DETECTORS THAT OPERATE IN COMBINATION WITH 135–DEGREE FIXED TEMPERATURE ELEMENT. THE HEAT DETECTOR SHALL MOUNT IN A STANDARD DETECTOR BASE AND INCLUDE AN LED THAT ILLUMINATES DURING AN ALARM CONDITION OF THE UNIT. IN AREAS WHERE THERE IS HIGH AMBIENT TEMPERATURE, FIXED TEMPERATURE DETECTORS SHALL BE PROVIDED COMMENSURATE WITH THE AREA INSTALLED.

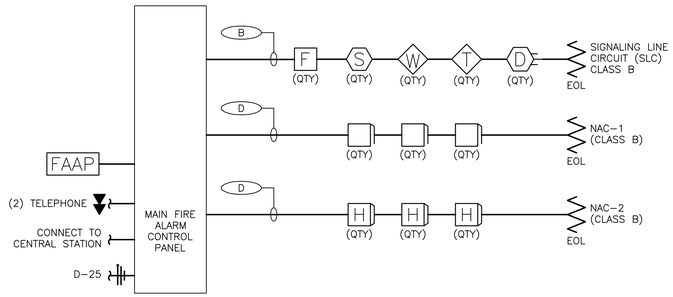
E. AUTOMATIC SMOKE DETECTORS: PROVIDE SMOKE DETECTORS THAT MOUNT ON STANDARD BASES COMMON TO ALL AUTOMATIC DETECTION DEVICES. THE DETECTORS SHALL BE EITHER THE PHOTOELECTRIC TYPE OR IONIZATION PRODUCTS OF COMBUSTION TYPE AS INDICATED ON THE DRAWINGS. EACH SMOKE DETECTOR SHALL CONTAIN AN LED THAT ILLUMINATES WHEN THE DEVICE IS IN ALARM CONDITION.

F. DUCT SMOKE DETECTORS: PROVIDE DUCT–MOUNTED IONIZATION TYPE SMOKE DETECTORS THAT UTILIZE SAMPLING TUBES LENGTH AS REQUIRED FOR SENSING SMOKE CONDITIONS IN DUCTS OF AIR HANDLING UNITS. EACH DUCT ASSEMBLY SHALL CONTAIN AN AUXILIARY RELAY THAT SHUTS DOWN ITS RESPECTIVE AIR HANDLING UNIT IF AN ALARM OCCURS ON THE DUCT DETECTOR.

G. AIR SAMPLING SMOKE DETECTION: PROVIDE HIGH–SENSITIVITY AIR–SAMPLING SMOKE DETECTION SYSTEMS WITHIN CLEANROOMS TO MEET THE REQUIREMENTS OF NFPA 318.

H. AUDIBLE/VISUAL UNITS: PROVIDE COMBINATION HORN/STROBE INDICATORS THAT MOUNT ON A STANDARD FOUR–INCH SQUARE OUTLET BOX. PROVIDE MATCHING RED BOXES FOR SURFACE MOUNTING OR ADAPTER PLATES IF HORN/STROBES MOUNT OVER EXISTING SINGLE GANG BOXES.

I. FIRE ALARM BELLS (EXTERIOR): PROVIDE VIBRATING TEN INCH D.C. ALARM BELLS THAT MOUNT ON A STANDARD FOUR INCH SQUARE WEATHERPROOF OUTLET BOX. PROVIDE MATCHING RED BOXES FOR SURFACE MOUNTING OR ADAPTER PLATES IF BELLS MOUNT OVER EXISTING SINGLE GANG BOXES. BELLS SHALL PRODUCE A SOUND LEVEL OF 90DB AT 10FT.



1 FIRE ALARM RISER DIAGRAM
NO SCALE

FIRE ALARM SYMBOLS

NOTE: NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

- FACP — FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR
- H — HORN STROBE (SHOW CANDELA)
- H — HORN STROBE (SHOW CANDELA/ CEILING MOUNTED)
- S — SPEAKER STROBE (SHOW CANDELA)
- STROBE ONLY (SHOW CANDELA)
- F — MANUAL PULL STATION
- S — SMOKE DETECTOR (ADD TYPE)
- C — CARBON MONOXIDE DETECTOR
- H — HEAT DETECTOR (SHOW TEMP RATING)
- D — DUCT SMOKE DETECTOR
- MAGNETIC DOOR HOLDER
- FIRE SPRINKLER TAMPER / OSY / PIV VALVE SUPERVISORY SWITCH
- W — WATERFLOW DEVICE
- B — FIRE ALARM BELL
- RBPS — REMOTE BOOSTER POWER SUPPLY
- CR — ADDRESSABLE RELAY POINT / ZONE MODULE
- C H S — CHIME, HORN, SPEAKER ONLY
- F — FIRE FIGHTERS TELEPHONE JACK STATION
- F — FIRE FIGHTERS PERMANENT STATION
- D — DAMPER POSITION SWITCH
- E — ELEVATOR RECALL DESIGNATION
- K — INTERFACE TO KITCHEN HOOD
- S — ELEVATOR SHUNT TRIP
- ESRP — ELEVATOR SUPERVISORY RECALL PANEL

FIRE ALARM NOTES

1. INSTALL, FIRE ALARM CONTROL PANEL. PROVIDE A PLACARD ON THE FIRE ALARM CONTROL PANEL IDENTIFYING THE CENTRAL STATION BY NAME AND TELEPHONE NUMBER.

   TYPE OF SYSTEM
   - CENTRAL STATION
   - HARDWIRE ADDRESSABLE
   - CLASS B WIRING
   - TEMPORAL SOUNDERS
2. INDICATING DEVICES WILL BE LOCATED AS REQUIRED TO MEET CODE REQUIREMENTS.
3. INITIATING DEVICES WILL BE LOCATED AS REQUIRED TO MEET CODE REQUIREMENTS.
4. ALL FIRE ALARM WIRES WILL BE POWER LIMITED, FIRE RATED WIRE. IT WILL BE RUN IN CONDUIT WHERE REQUIRED BY CODE.
5. ALL CONDUCTORS FOR FIRE ALARM SYSTEM SHALL BE MIN. 18ga (CU).
6. ALL F/A DEVICES e.g. (HORNS, PULL STATIONS, DETECTORS, ETC.) SHALL BE RIGIDLY AND SECURE FASTENED TO WALLS OR CEILINGS.
7. NO SMOKE DETECTOR SHALL BE LOCATED CLOSER THAN 36" TO ANY AIR REGISTER OF DIFFUSER.
8. NO HEAT DETECTOR SHALL BE LOCATED CLOSER THAN 18" TO ANY AIR REGISTER OR DIFFUSER.
9. NO HEAT DETECTOR SHALL BE LOCATED CLOSER THAN 36" TO ANY PART OF ANY HEAT GENERATING DEVICE IN MECHANICAL ROOMS SUCH AS FLUES, BOILERS, WATER HEATERS, ETC.
10. NO HEAT DETECTOR SHALL BE LOCATED CLOSER THAN 12" TO ANY PART OF ANY LIGHT FIXTURE.
11. ALL FIRE ALARM DEVICES TO COMPLY FULLY WITH ALL A.D.A. REQUIREMENTS.
12. CALCULATION BOOKLETS ARE TO BE KEPT WITH AND MADE A PART OF THESE APPROVED PLANS. THEY ARE SUBJECT TO REVIEW BY THE FIRE INSPECTOR.
13. DEVICE MOUNTING HEIGHTS: PULL STATIONS @ 48" AFF. WALL MOUNTED NOTIFICATION DEVICE–MOUNT AREAS, AND 80" AFF. (6" BELOW CEILING MIN.)

FIRE ALARM WIRE SPECIFICATIONS

FIRE ALARM WIRE DESIGNATION CHART

CABLE SPECIFICATIONS				MANUFACTURER		MANUFACTURER	
WIRE SYMBOL	WIRE USE	DESCRIPTION	CONDUCTOR	WEST PENN–PART # T.P		WEST PENN–PART # T.S.P	
				O.D INCHES	AREA	O.D INCHES	AREA
A	485 NETWORK LOOP	#18 TW PAIR	SOLID	D980 FPL / 60980 FPLP		D975 FPL / 60975 FPLP	
				0.182/0.138	0.026/0.015	0.210/0.143	0.040/0.020
B	SIGNATURE LOOP (DATA) & NETWORK LOOP	#16 TW PAIR	SOLID	990 FPL / 60991 FPLP		991 FPL / 60990 FPLP	
				0.165/0.156	0.022/0.020	0.170/0.160	0.023/0.020
D	24 Vdc HORN CIRCUIT	#14 TW PAIR OR #12 TW PAIR	SOLID	994 FPL / 60993 FPLP		995 FPL / 60992 FPLP	
				0.205/0.200	0.033/0.032	0.211/0.205	0.040/0.033
E	24 Vdc VISUAL CIRCUIT	#12 TW PAIR	SOLID	998 FPL / 60995 FPLP		999 FPL / 60994 FPLP	
				0.235/0.228	0.044/0.041	0.240/0.244	0.045/0.050
F	AUDIO CIRCUIT	#16 TW PAIR	SOLID	990 FPL / 60991 FPLP		991 FPL / 60990 FPLP	
				0.165/0.156	0.022/0.020	0.170/0.160	0.023/0.020
G	FIRE FIGHTER PHONE	#18 TW SH PAIR	SOLID	D980 FPL / 60980 FPLP		D975 FPL / 60975 FPLP	
				0.182/0.138	0.026/0.015	0.210/0.143	0.040/0.020
NOTE 1: Must use West Penn Wire Corp or Direct Equivalent							
NOTE 2: All wire symbols listed may not be used							

SEQUENCE OF OPERATION

A. THE ACTIVATION OF MANUAL PULL STATIONS, AREA SMOKE DETECTORS, AND HEAT DETECTORS SHALL CAUSE FIRE ALARM OPERATION AS FOLLOWS:
   1. AUDIBLE APPLIANCES (HORNS) TO SOUND AT A TEMPORAL PATTERN THROUGHOUT THE FACILITY.
   2. VISUAL APPLIANCES (STROBE LIGHTS) TO ACTIVATE THROUGHOUT THE FACILITY.
   3. THE VISUAL INDICATION OF THE ALARM INITIATING AREA OF INCIDENCE BY DEVICE TYPE AND LOCATION AT THE FIRE ALARM CONTROL PANEL.
   4. ACTIVATION OF AN AUDIBLE SIGNAL AT THE FIRE ALARM CONTROL PANEL AND REMOTE ANNUNCIATION PANELS.
   5. DACT REPORTS FIRE ALARM TO CENTRAL STATION (CENTRAL STATION WILL DISPATCH TO FIRE DEPT.)

B. DISPLAY INITIATING DEVICE CIRCUIT TROUBLE CONDITIONS, SINGLE OPENS AND SINGLE GROUNDS, FOR EACH FIRE ALARM AND SUPERVISORY INITIATING CIRCUITS, AND PROVIDE A COMMON SYSTEM TROUBLE AT THE LOCAL FIRE ALARM CONTROL PANELS.

C. DISPLAY NOTIFICATION APPLIANCE CIRCUIT TROUBLE CONDITIONS, SINGLE OPENS, SHORTS, AND SINGLE GROUNDS, FOR EACH CIRCUIT, AND A COMMON SYSTEM TROUBLE AT THE FIRE ALARM CONTROL PANELS.

D. THE EFFECTIVE INTENSITY OF ALL NOTIFICATION STROBES SHALL BE A MINIMUM FOR 15 CANDELA PRODUCING AN EQUIVALENT ILLUMINANCE OF 0.03 LUMENS / SQ. FT. AT 50 FEET ON A HORIZONTAL AXIS.

E. SYSTEM OPERATION SHALL BE LOW VOLTAGE (24 VOLTS DC) INCLUDING ALL SUPERVISORY AND CONTROL FUNCTIONS.

F. UPON LOSS OF 120 VAC OPERATING POWER, THE ENTIRE SYSTEM SHALL OPERATE ON STANDBY BATTERY POWER FOR 24 HOURS IN SUPERVISORY MODE AND THEN BE CAPABLE OF ALARM OPERATION FOR 5 MINUTES.

G. THE TRANSFER TO STANDBY POWER SHALL NOT CAUSE A GENERAL ALARM TO BE GENERATED BUT SHALL BE INDICATED AT THE FIRE ALARM PANEL AND THE REMOTE ANNUNCIATION AS SYSTEM AND BATTERY TROUBLE.

H. AUDIBLE AND VISUAL EVACUATION SIGNALS SHALL MEET THE REQUIREMENTS AND RECOMMENDATIONS OF NFPA–72 AND THE AMERICANS WITH DISABILITIES ACT(ADA).

I. THE ACTIVATION OF DUCT SMOKE DETECTORS SHALL CAUSE THE FIRE ALARM OPERATION AS FOLLOWS:
   1. ACTIVATION OF AN AUDIBLE SUPERVISORY SIGNAL AT THE FIRE ALARM CONTROL PANEL AND THE REMOTE ANNUNCIATION PANEL.
   2. DUCT SMOKE DETECTORS SHALL BE ZONED ON A PER DEVICE BASIS AND BY LOCATION.
   3. DACT REPORTS FIRE ALARM TO CENTRAL STATION (CENTRAL STATION WILL DISPATCH TO FIRE DEPT.)

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06.25.20

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BUCKEYE SENIOR CENTER
KITCHEN ADDITION
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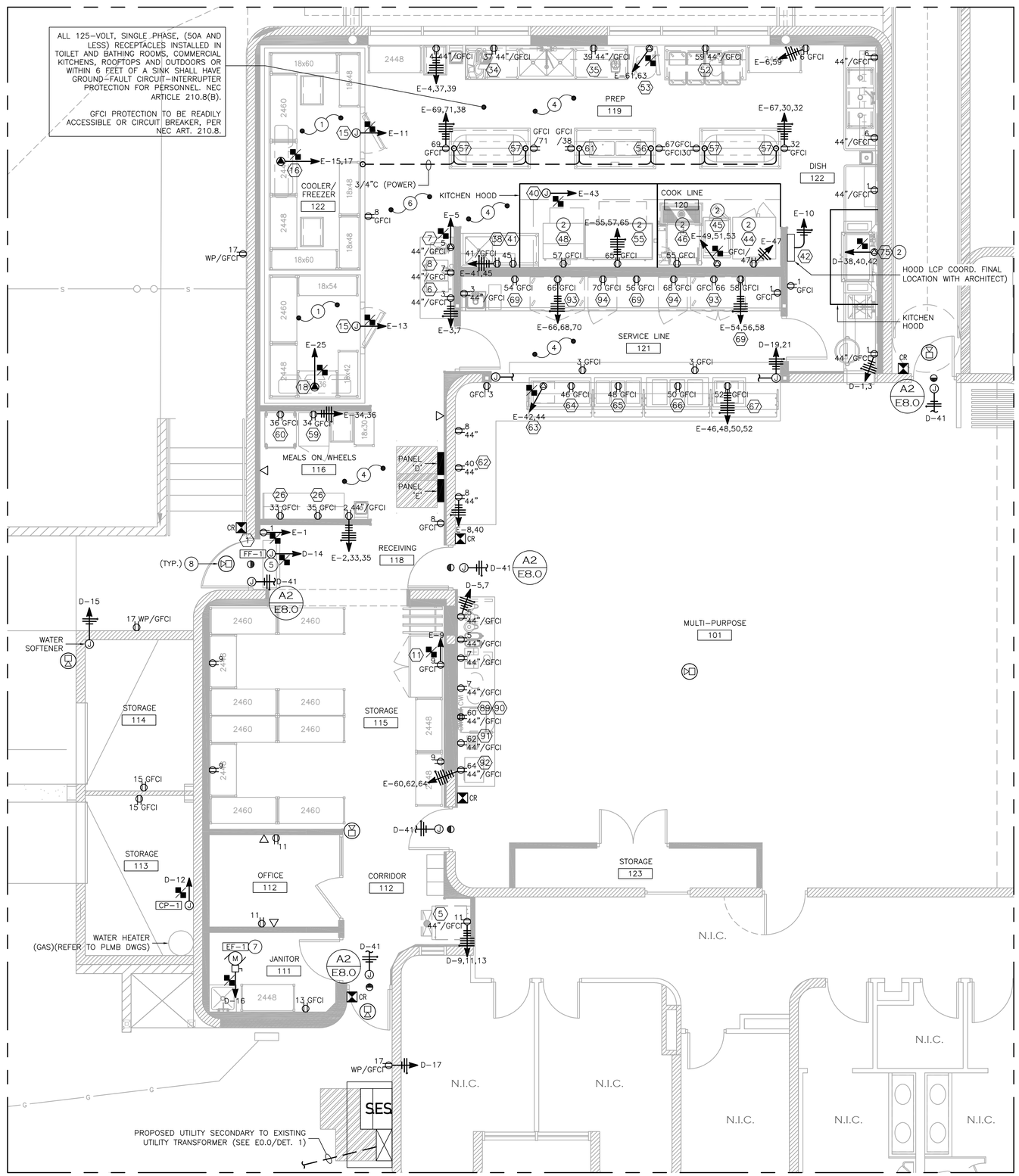
06/25/20
Registered Professional Engineer (Electrical) CERTIFICATE NO. 30536 WILLIAM J. BETHURUM, IV

SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

FIRE ALARM RISER DIAGRAM

E0.4



1 POWER PLAN
SCALE: 1/4"=1'-0"

KEYED NOTES

1. WHERE RACEWAYS ARE EXPOSED TO DIFFERENT TEMPERATURES SEAL CONDUITS PER NEC ART. 300.7.
2. ALL KITCHEN EQUIPMENT LOCATED UNDER HOOD AND MAKE UP UNIT SHALL BE SHUT DOWN VIA SHUNT TRIP IN HOOD LOCAL CONTROL PANEL INCLUDING GAS SOLENOID SHUTOFF. THE EXHAUST FANS SHALL RUN CONTINUOUSLY DURING THE SHUTDOWN SEQUENCE. COORDINATE HARDWARE REQUIREMENTS AND TERMINATIONS WITH KITCHEN EQUIPMENT SUPPLIER REFER TO HOOD CONTROL PANEL SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
3. COORDINATE THE FINAL LOCATION OF ALL TV POWER & SIGNAL WIRING DEVICES IN THE FIELD.
4. COORDINATE DEVICE MOUNTING HEIGHTS, LOCATIONS, AND CONNECTION TYPES WITH FINAL KITCHEN EQUIPMENT SHOP DRAWINGS.
5. PROVIDE & INSTALL AIR CURTAIN CONNECTION AND CONTROL WIRING TO DOOR SWITCH. INSTALL TOGGLE DISCONNECT SWITCH HIGH ON INTERIOR WALL ABOVE CURTAIN, TYPICAL.
6. PROVIDE & INSTALL IOT SENSOR(S), CAT6, TYP. 4. COORDINATE FINAL LOCATIONS IN THE FIELD WITH OWNER'S IT REPRESENTATIVE.
7. CONFIRM CONTROLS WITH MECHANICAL PRIOR TO INSTALLATION.
8. INSTALL ROUGH-IN FOR CAMERAS TO BE PROVIDED BY OWNER OR OTHERS.

LEGEND

REFER TO EQUIPMENT SCHEDULE FOR CONNECTION TYPE AND RATING, CONDUIT FILL AND ADDITIONAL BRANCH CIRCUIT REQUIREMENTS.

GENERAL NOTES

A. COORDINATE ALL CONSTRUCTION WITH OTHER TRADES INCLUDING LOCATION OF MECHANICAL EQUIPMENT AND ROUTING OF PIPING, RACEWAYS, DUCTWORK, ETC.

B. SUPPORT ALL RACEWAYS PER NEC. INSTALL CONDUIT WITH 270 DEGREES IN BENDS MAXIMUM WITHOUT PULL POINT. INSTALL JUNCTION / PULL BOXES AS NECESSARY. WHEN SIZES ARE NOT SPECIFIED, SIZE BOXES BASED ON CONDUIT SIZES / FILL PER NEC.

C. MAINTAIN WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT PER NEC ART. 110.

D. CONDUIT AND WIRE IS SHOWN DIAGRAMMATICALLY. ACTUAL ROUTING AND REQUIRED NUMBER OF SUPPORTS SHALL BE DETERMINED BY THE CONTRACTOR.

UNLESS CONDUIT ROUTING CLEARLY INDICATES AS SUCH, DO NOT ROUTE CONDUIT ON OR ABOVE ROOFTOPS WITHOUT CONSULTING ENGINEER TO DETERMINE ANY POTENTIAL IMPACT TO RACEWAY OR CONDUCTOR SIZE DUE TO ADDITIONAL AMBIENT DERATING FOR ROOFTOP INSTALLATION.

E. WHERE TELEPHONE, DATA, OR SECURITY DEVICES ARE SHOWN, INSTALL OUTLET BOX AND CONDUIT (3/4" UNLESS NOTED OTHERWISE) ABOVE THE CEILING.

F. VERIFY ALL EQUIPMENT LOCATIONS AND DIMENSIONS IN THE FIELD PRIOR TO INSTALLING RACEWAYS AND WIRING.

G. HVAC EQUIPMENT

DISCONNECTING MEANS: PROVIDE AND INSTALL HEAVY DUTY FUSED DISCONNECT (NEMA 3R OUTDOORS) AND SINGLE POINT POWER CONNECTION TO EQUIPMENT (UNLESS NOTED OTHERWISE). IF STARTERS ARE REQUIRED FOR MECHANICAL EQUIPMENT, ADDITIONAL REQUIREMENTS WILL BE INDICATED ON ONE-LINES, PLAN DRAWINGS, AND MECHANICAL PLANS.

CONTROLS: INSTALL 3/4" CONDUIT (UNLESS NOTED OTHERWISE) FROM HVAC CONTROLS (T-STAT OR OTHER*) TO UNIT. CONTROL WIRING WILL BE INSTALLED BY OTHERS. COORDINATE WITH MECHANICAL CONTRACTOR.
* THIS INCLUDES OTHER EQUIPMENT OR DEVICES WHICH ARE INTERLOCKED WITH THE MECHANICAL UNIT AND INDICATED ON THE MECHANICAL PLANS. COORDINATE RACEWAY REQUIREMENTS WITH MECHANICAL PLANS AND THE MECHANICAL CONTRACTOR.

SMOKE DETECTION: WHEN THE DUCT MOUNTED SMOKE DETECTORS ARE INDICATED, PROVIDE SHUTDOWN WIRING FROM DETECTOR (PROVIDED BY MECHANICAL UNLESS NOTED OTHERWISE) TO HVAC UNIT AND VISIBLE/AUDIBLE SIGNALS IN ACCORDANCE WITH IMC SECTION 606. WHEN A FIRE ALARM SYSTEM IS PRESENT, THE DETECTOR SHALL ALSO BE CONNECTED TO THE FIRE ALARM CONTROL PANEL. PROVIDE 120V BRANCH CIRCUIT FOR DETECTOR POWER (2#12, #12G) WHEN REQUIRED. A DEDICATED BRANCH CIRCUIT WITH "LOCK-ON" TAB WILL BE AVAILABLE IN PANEL SCHEDULE FOR THIS PURPOSE IF NECESSARY.

UNLESS EXISTING, PROVIDE AND INSTALL MAINTENANCE RECEPTACLES WITHIN 25FT OF MECHANICAL EQUIPMENT, PER NEC ART. 610.23.

H. VERIFY THE LOCATION OF FIRE RATED WALLS WITH ARCHITECTURAL DRAWINGS TO DETERMINE APPLICABLE CONDUIT PENETRATION DETAILS.

I. CONTRACTOR SHALL IDENTIFY EACH INDIVIDUAL BRANCH CIRCUIT WITHIN THE PROJECT AREA BY PERMANENT MEANS. ACCEPTABLE METHODS INCLUDE USING PERMANENT MARKER ON JUNCTION BOX COVER PLATES AND BACKSIDE OF DEVICE COVER PLATES OR IDENTIFYING BRANCH WIRING WITHIN JUNCTION BOXES. STICK ON LABELS ARE NOT ACCEPTABLE. [REFERENCE ART. 408.4]

J. CONCEAL CONDUITS IN ALL FINISHED AREAS INCLUDING CONCEALMENT WITHIN MASONRY WALLS WHEN PRESENT. (EXCEPTION: ELECTRICAL, MECHANICAL, AND JANITOR ROOMS).

WHEN OVERHEAD ELECTRICAL WORK IS EXPOSED: MOUNTING OF ALL ELECTRICAL WORK/CONDUIT SHALL RUN IN DECK FLUTES AND/OR TIGHT WITH DECK. CONTRACTOR MAY RUN CONDUIT UNDER FLOOR AS NECESSARY TO FACILITATE CONCEALMENT OF CONDUITS.

NEC ART. 300.4(E) CABLES, RACEWAYS, OR BOXES INSTALLED IN OR UNDER ROOF DECKING. A CABLE, RACEWAY, OR BOX, INSTALLED IN EXPOSED OR CONCEALED LOCATIONS UNDER METAL-CORRUGATED SHEET ROOF DECKING, SHALL BE INSTALLED AND SUPPORTED SO THERE IS NOT LESS THAN 38 MM (1½ IN.) MEASURED FROM THE LOWEST SURFACE OF THE ROOF DECKING TO THE TOP OF THE CABLE, RACEWAY, OR BOX. A CABLE, RACEWAY, OR BOX SHALL NOT BE INSTALLED IN CONCEALED LOCATIONS IN METAL-CORRUGATED, SHEET DECKING-TYPE ROOF.

EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

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Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER

KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical) CERTIFICATE NO. 30536 WILLIAM J. BETHURUM, IV
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

POWER PLAN

E2.0

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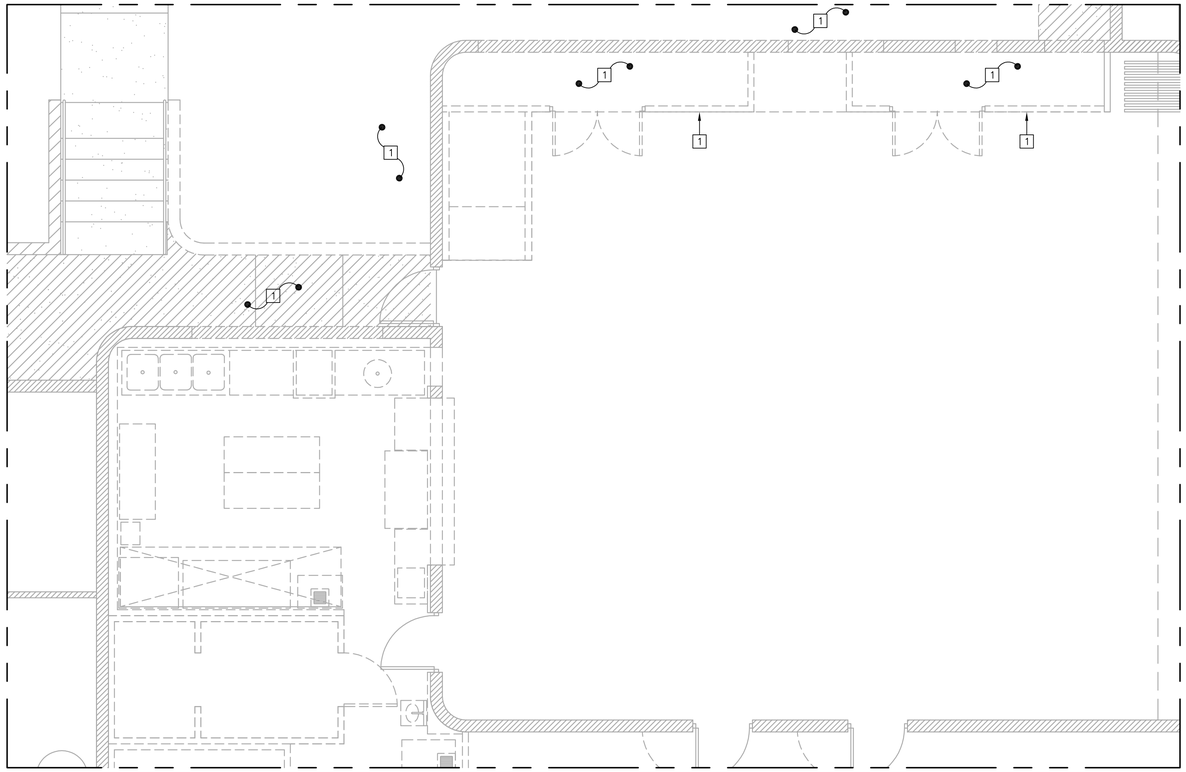
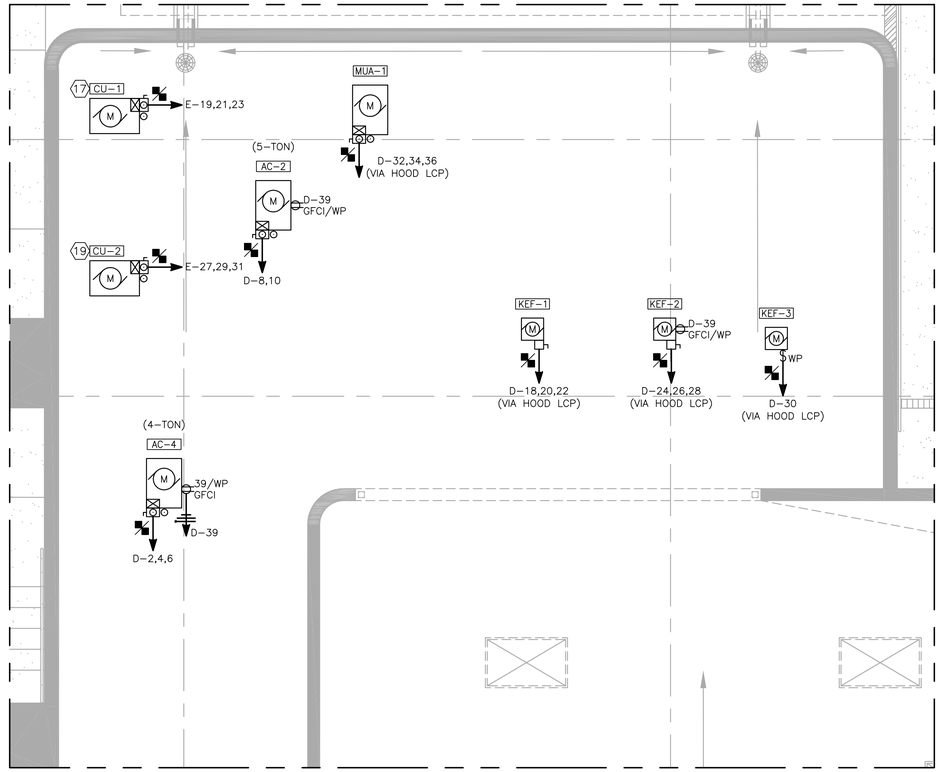
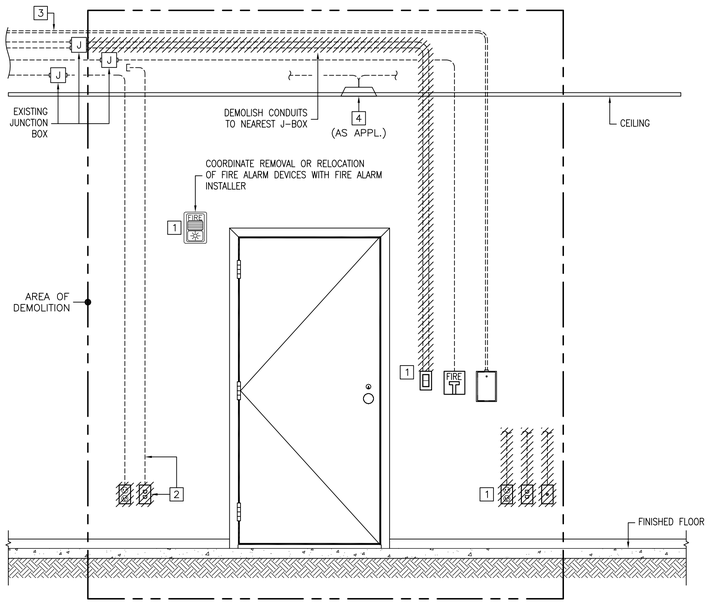
05.25.20



2 PARTIAL DEMOLITION PLAN
SCALE: 1/4"=1'-0"



1 PARTIAL ROOF POWER PLAN
SCALE: 1/4"=1'-0"



1 WALL, CEILING, FLOOR, OR AREA TO BE DEMOLISHED.
- a. REMOVE WIRING DEVICES.
- b. REMOVE BRANCH RACEWAYS & WIRING TO NEAREST JUNCTION BOX OUTSIDE OF DEMOLITION.
- c. REMOVE AND (IF NECESSARY) RELOCATE ANY FIRE ALARM DEVICES. COORDINATE ALL WORK WITH THE FIRE ALARM INSTALLER.
- d. REMOVE ANY UNUSED LOW VOLTAGE WIRING DEVICES.
- e. REMOVE LIGHT FIXTURES, CONTROLS, WIRING.

2 WHEN INDICATED REMOVE & REPLACE WIRING DEVICE(S) & COVER PLATE(S) ONLY (SEE WIRING DEVICE SPECIFICATIONS). EXISTING BRANCH WIRING & RACEWAYS TO THESE DEVICES ARE TO BE UTILIZED WHEN INSTALLED PER NEC AND IN GOOD CONDITION. IDENTIFY EXISTING BRANCH CIRCUITS AT WIRING DEVICES AND AT PANEL PER NEC 408.4.

3 EXISTING BRANCH RACEWAYS & WIRING BEYOND AREA OF DEMOLITION MAY BE RE-USED WHEN INSTALLED PER NEC, AND WHERE IN "LIKE NEW" CONDITION. ALL LIGHTING CONTROLS, RECEPTACLES, BRANCH WIRING AND OTHER WIRING DEVICES SHALL BE REPLACED WITHIN AREAS OF CONSTRUCTION.

4 EXISTING LIGHTING FIXTURES ARE TO REMAIN (E) OR SHALL BE RELOCATED (R) AND ARE TO BE CLEANED & RE-LAMPED WHEN INDICATED WITH THIS MODIFIER.

A3 DEMOLITION DETAIL
NO SCALE

LEGEND

REFER TO EQUIPMENT SCHEDULE FOR CONNECTION TYPE AND RATING, CONDUIT FILL AND ADDITIONAL BRANCH CIRCUIT REQUIREMENTS.

GENERAL NOTES

A. COORDINATE ALL CONSTRUCTION WITH OTHER TRADES INCLUDING LOCATION OF MECHANICAL EQUIPMENT AND ROUTING OF PIPING, RACEWAYS, DUCTWORK, ETC.

B. SUPPORT ALL RACEWAYS PER NEC. INSTALL CONDUIT WITH 360 DEGREES IN BENDS MAXIMUM WITHOUT PULL POINT. INSTALL JUNCTION / PULL BOXES AS NECESSARY. WHEN SIZES ARE NOT SPECIFIED, SIZE BOXES BASED ON CONDUIT SIZES / FILL PER NEC.

C. MAINTAIN WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT PER NEC ART. 110, (30"W MINIMUM), DEPTH PER NEC, (36" MINIMUM).

D. CONDUIT AND WIRE IS SHOWN DIAGRAMMATICALLY. ACTUAL ROUTING AND REQUIRED NUMBER OF SUPPORTS SHALL BE DETERMINED BY THE CONTRACTOR.

UNLESS CONDUIT ROUTING CLEARLY INDICATES AS SUCH, DO NOT ROUTE CONDUIT ON OR ABOVE ROOFTOPS WITHOUT CONSULTING ENGINEER TO DETERMINE ANY POTENTIAL IMPACT TO RACEWAY OR CONDUCTOR SIZE DUE TO ADDITIONAL AMBIENT DERATING FOR ROOFTOP INSTALLATION.

E. EQUIPMENT LOCATIONS AND DIMENSIONS – VERIFY ALL EQUIPMENT LOCATIONS AND DIMENSIONS IN THE FIELD PRIOR TO INSTALLING RACEWAYS AND WIRING.

F. HVAC EQUIPMENT

DISCONNECTING MEANS: PROVIDE AND INSTALL HEAVY DUTY FUSED DISCONNECT (NEMA 3R OUTDOORS) AND SINGLE POINT POWER CONNECTION TO EQUIPMENT (UNLESS NOTED OTHERWISE). IF STARTERS ARE REQUIRED FOR MECHANICAL EQUIPMENT, ADDITIONAL REQUIREMENTS WILL BE INDICATED ON ONE-LINES, PLAN DRAWINGS, AND MECHANICAL PLANS.

CONTROLS: INSTALL 3/4" CONDUIT (UNLESS NOTED OTHERWISE) FROM HVAC CONTROLS (T-STAT OR OTHER*) TO UNIT. CONTROL WIRING WILL BE INSTALLED BY OTHERS. COORDINATE WITH MECHANICAL CONTRACTOR.
* THIS INCLUDES OTHER EQUIPMENT OR DEVICES WHICH ARE INTERLOCKED WITH THE MECHANICAL UNIT AND INDICATED ON THE MECHANICAL PLANS. COORDINATE RACEWAY REQUIREMENTS WITH MECHANICAL PLANS AND THE MECHANICAL CONTRACTOR.

SMOKE DETECTION: WHEN THE DUCT MOUNTED SMOKE DETECTORS ARE INDICATED, PROVIDE SHUTDOWN WIRING FROM DETECTOR (PROVIDED BY MECHANICAL UNLESS NOTED OTHERWISE) TO HVAC UNIT AND VISIBLE/AUDIBLE SIGNALS IN ACCORDANCE WITH IMC SECTION 606. WHEN A FIRE ALARM SYSTEM IS PRESENT, THE DETECTOR SHALL ALSO BE CONNECTED TO THE FIRE ALARM CONTROL PANEL. PROVIDE 120V BRANCH CIRCUIT FOR DETECTOR POWER (2#12, #12G) WHEN REQUIRED. A DEDICATED BRANCH CIRCUIT WITH "LOCK-ON" TAB WILL BE AVAILABLE IN PANEL SCHEDULE FOR THIS PURPOSE IF NECESSARY.

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G. CONTRACTOR SHALL IDENTIFY EACH INDIVIDUAL BRANCH CIRCUIT WITHIN THE PROJECT AREA BY PERMANENT MEANS. ACCEPTABLE METHODS INCLUDE USING PERMANENT MARKER ON JUNCTION BOX COVER PLATES AND BACKSIDE OF DEVICE COVER PLATES OR IDENTIFYING BRANCH WIRING WITHIN JUNCTION BOXES. STICK ON LABELS ARE NOT ACCEPTABLE. [REFERENCE ART. 408.4]

H. FEEDERS AND BRANCH CIRCUITS INDICATED ON ROOF PLANS ARE NOT INTENDED TO BE ROUTED ABOVE ROOFTOPS EXPOSED TO DIRECT SUNLIGHT UNLESS SO INDICATED. CONDUITS EXPOSED TO SUNLIGHT ON ROOFTOPS SHALL COMPLY WITH NEC ART. 310.15(B)(2)(C) FOR ADDITIONAL DERATING BASED ON DISTANCE ABOVE ROOF PER TABLE 310.15(B)(2)(C). CONSULT ENGINEER FOR POSSIBLE REQUIRED REVISIONS TO CONDUCTORS & CONDUIT SIZES.

I. NEC ART. 300.4(E) CABLES, RACEWAYS, OR BOXES INSTALLED IN OR UNDER ROOF DECKING. A CABLE, RACEWAY, OR BOX, INSTALLED IN EXPOSED OR CONCEALED LOCATIONS UNDER METAL-CORRUGATED SHEET ROOF DECKING, SHALL BE INSTALLED AND SUPPORTED SO THERE IS NOT LESS THAN 38 MM (1½ IN.) MEASURED FROM THE LOWEST SURFACE OF THE ROOF DECKING TO THE TOP OF THE CABLE, RACEWAY, OR BOX. A CABLE, RACEWAY, OR BOX SHALL NOT BE INSTALLED IN CONCEALED LOCATIONS IN METAL-CORRUGATED, SHEET DECKING-TYPE ROOF.

EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

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Revisions:

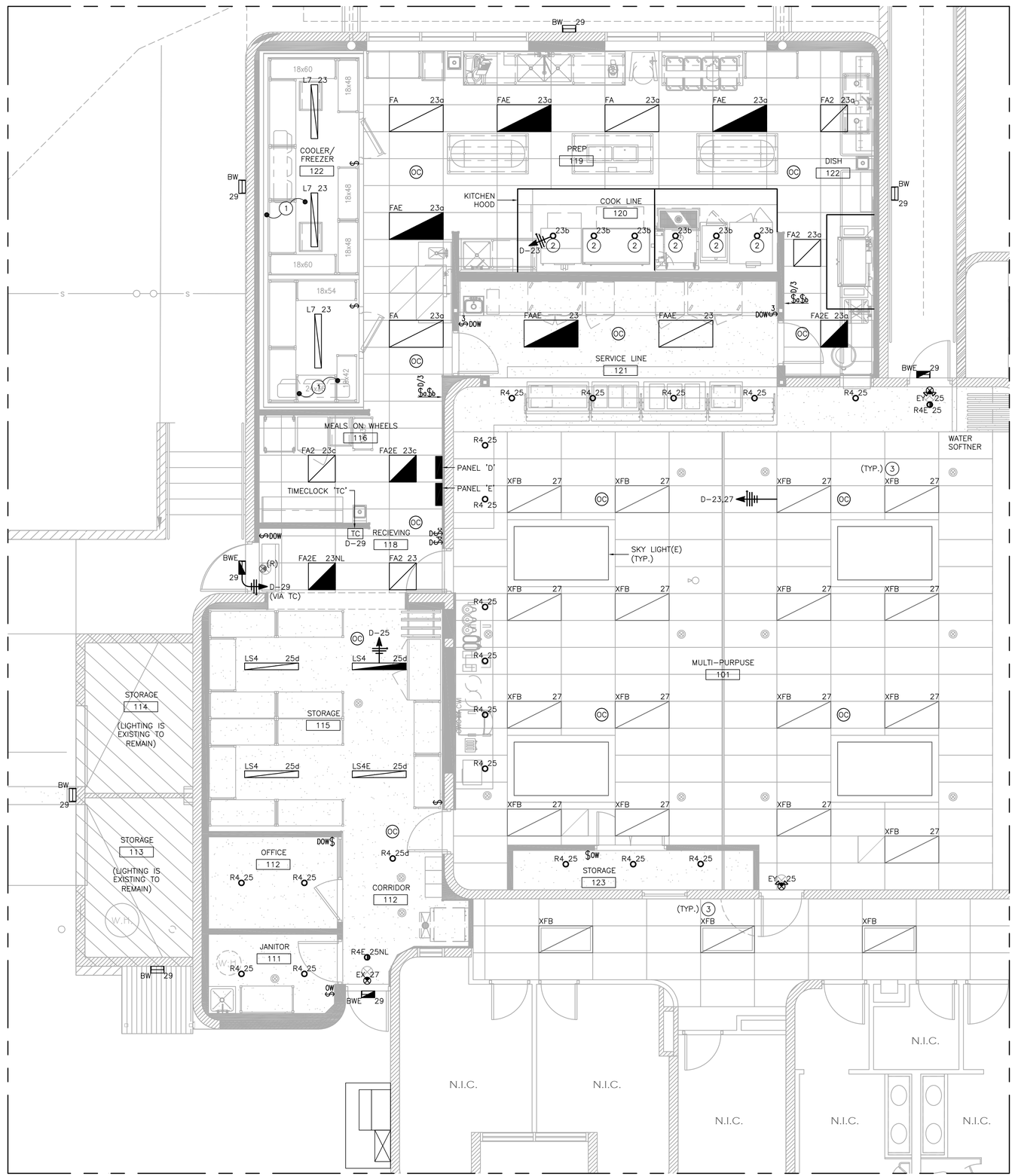
BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Mechanical Professional Engineer Registration
CERTIFICATE NO.
30536
WILLIAM J.
BETHURUM, IV
Electrical
ARIZONA

SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

ROOF AND DEMOLITION PLANS
E2.1



1 LIGHTING PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES

A. EMERGENCY AND EXIT SIGNS SHALL BE CONNECTED TO A NON-SWITCHED LEG OF THE NEAREST BRANCH LIGHTING CIRCUIT, 2#12, 1#12G UNLESS NOTED OTHERWISE. REFER TO LEGEND FOR EMERGENCY LIGHT FIXTURE SYMBOLS.

B. FIXTURES DESIGNATED AS NIGHT LIGHTS SHALL BE SUPPLIED FROM A NON-SWITCHED LEG OF THE BRANCH LIGHTING CIRCUIT FOR ONE BALLAST OF EACH NIGHT LIGHT FIXTURE. IN MANY CASES, EMERGENCY FIXTURES WILL BE DESIGNATED AS NIGHT LIGHTS FOR CONVENIENCE.

C. IN GENERAL, NON-SWITCHED LEGS FOR NIGHT LIGHTS AND EMERGENCY LIGHTS AND TRAVELLER CONDUCTORS FOR 3-WAY SWITCHING ARE NOT SHOWN ON THE PLANS. INSTALL THESE CONDUCTORS AS REQUIRED FOR PROPER OPERATION OF THE LIGHT FIXTURES.

D. INSTALL FLEXIBLE CONDUIT CONNECTIONS TO FIXTURES (NOT TO EXCEED 6' IN LENGTH) WHEN NECESSARY.

E. WHEN LIGHTING CONTROL DEVICES ARE INDICATED ON PLANS AND DETAILS, THE CONTRACTOR SHALL INSTALL ANY ASSOCIATED CONTROL WIRING REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.

F. CONCEAL CONDUITS IN ALL FINISHED AREAS INCLUDING CONCEALMENT WITHIN MASONRY WALLS WHEN PRESENT. (EXCEPTION: ELECTRICAL, MECHANICAL, AND JANITOR ROOMS).

WHEN OVERHEAD ELECTRICAL WORK IS EXPOSED: MOUNTING OF ALL ELECTRICAL WORK/CONDUIT SHALL RUN IN DECK FLUTES AND/OR TIGHT WITH DECK IN A CLEAN AND WORKMAN LIKE MANNER. CONTRACTOR MAY RUN CONDUIT UNDER FLOOR AS NECESSARY TO FACILITATE CONCEALMENT OF CONDUITS.

NEC ART. 300.4(E) CABLES, RACEWAYS, OR BOXES INSTALLED IN OR UNDER ROOF DECKING. A CABLE, RACEWAY, OR BOX, INSTALLED IN EXPOSED OR CONCEALED LOCATIONS UNDER METAL-CORRUGATED SHEET ROOF DECKING, SHALL BE INSTALLED AND SUPPORTED SO THERE IS NOT LESS THAN 38 MM (1½ IN.) MEASURED FROM THE LOWEST SURFACE OF THE ROOF DECKING TO THE TOP OF THE CABLE, RACEWAY, OR BOX. A CABLE, RACEWAY, OR BOX SHALL NOT BE INSTALLED IN CONCEALED LOCATIONS IN METAL-CORRUGATED, SHEET DECKING-TYPE ROOF.

EXCEPTION: RIGID METAL CONDUIT AND INTERMEDIATE METAL CONDUIT SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

KEYED NOTES

1. WHERE RACEWAYS ARE EXPOSED TO DIFFERENT TEMPERATURES SEAL CONDUITS PER NEC ART. 300.7.
2. INTEGRAL HOOD LIGHTING PER HOOD MANUFACTURER. CONNECT HOOD LIGHTS TO VENTILATION CONTROL PANEL LOCAL CONTROLS AS APPLICABLE. COORDINATE SWITCH LOCATION IN THE FIELD.
3. TYPE XFB FIXTURES ARE EXISTING AND/OR RELOCATED. CLEAN & RE-LAMP WITH BALLAST READY T8 RETROFIT LED, COMPATIBLE WITH EXISTING FIXTURE. CONFIRM LAMP QUANTITY AND TEMPERATURE.

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Revisions:

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KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20

Registered Professional Engineer (Electrical)
CERTIFICATE NO.
30536
WILLIAM J.
BETHURUM, IV
Date Signed

SEAL: EXPIRES: 09/30/20

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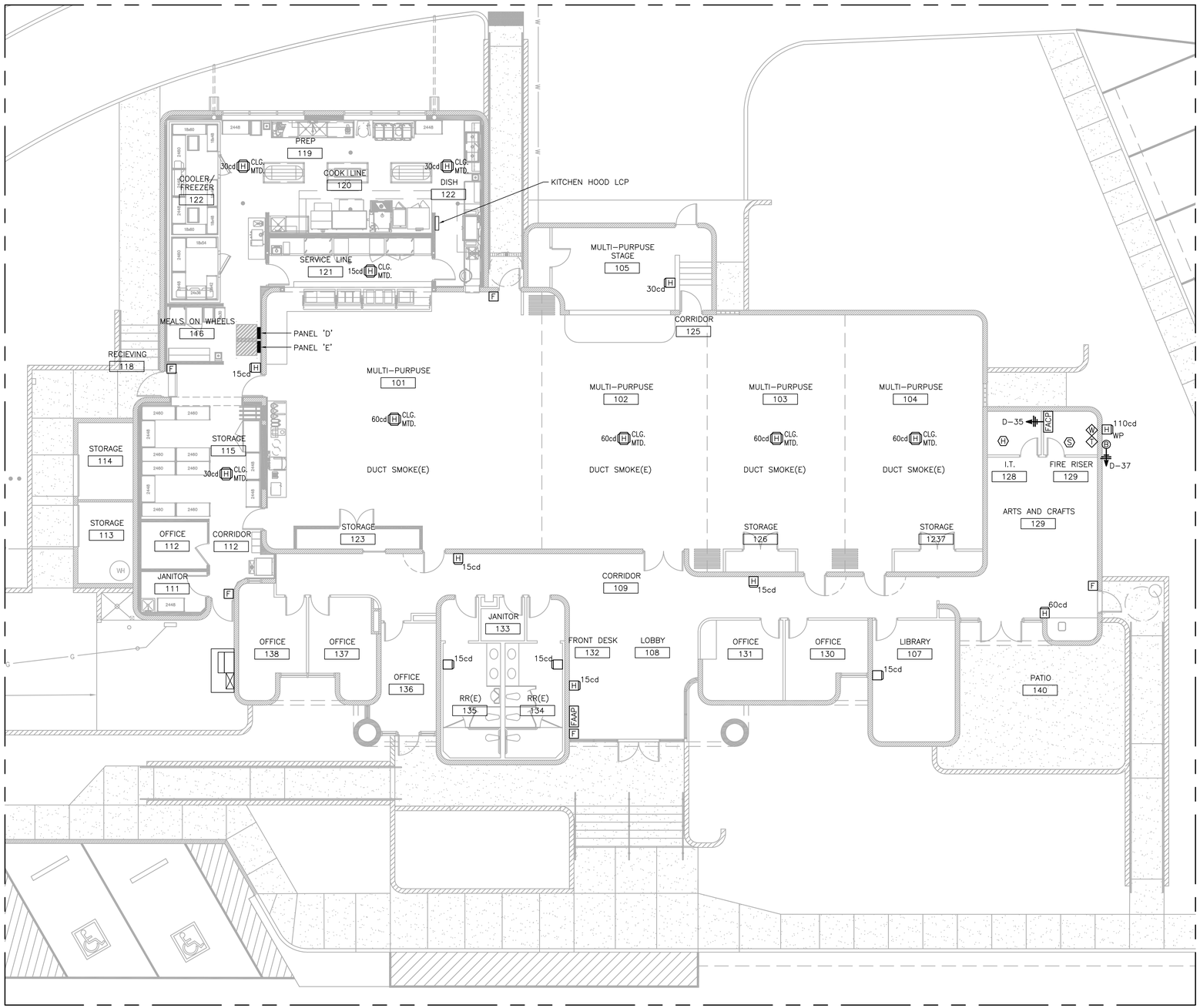
LIGHTING PLAN

E3.0



1 FIRE ALARM PLAN
SCALE: 1/8"=1'-0"

KEYED NOTES

1. CONNECT ALL EXISTING DUCT SMOKE DETECTORS TO THE FIRE ALARM PANEL BY WAY OF SLC LOOP. COORDINATE WITH MECHANICAL CONTRACTOR. ADD ANY CONTROL MODULES AS REQUIRED.

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FIRE ALARM PLAN

E4.0

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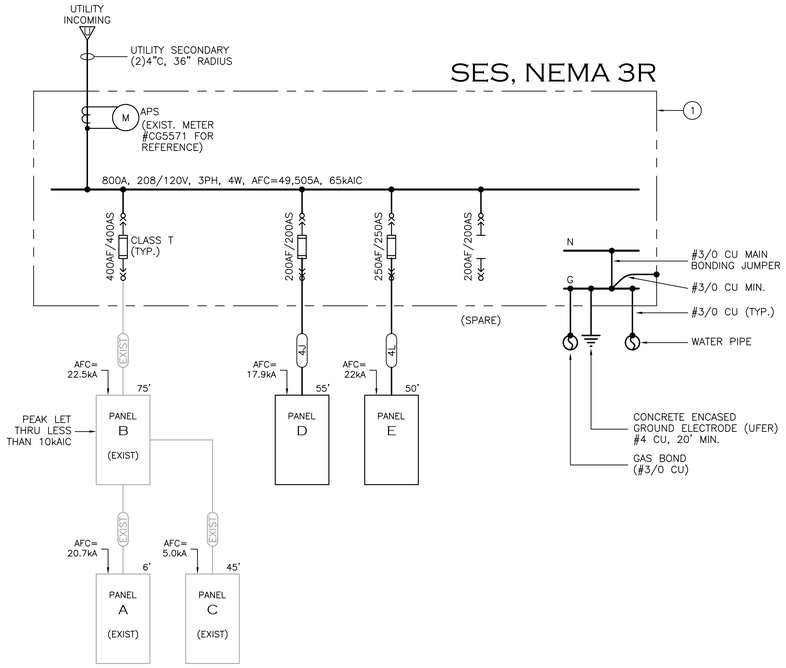
TAG			CONDUIT		CONDUCTOR		GROUND MODIFIER			
PRI	SEC	MOD	SETS	SIZE	SIZE	GND	1	2	3	4
2	A	*	1	3/4"	2#12	#12				
2	B	*	1	3/4"	2#10	#10				
2	C	*	1	3/4"	2#8	#10	#8			
2	D	*	1	1"	2#6	#10	#8	#6		
2	E	*	1	1-1/4"	2#4	#10	#8	#6	#4	
2	F	*	1	1-1/4"	2#2	#8	#6	#4	#2	
2	G	*	1	1-1/2"	2#1	#8	#6	#4	#2	#1
3	A	*	1	3/4"	3#12	#12				
3	B	*	1	3/4"	3#10	#10				
3	C	*	1	3/4"	3#8	#10	#8			
3	D	*	1	1"	3#6	#10	#8	#6		
3	E	*	1	1-1/4"	3#4	#10	#8	#6	#4	
3	F	*	1	1-1/4"	3#2	#6	#4	#2		
3	G	*	1	1-1/2"	3#1	#6	#4	#2	#1	
3	H	*	1	2"	3#1/0	#6	#4	#2	#1	#1/0
3	I	*	1	2"	3#2/0	#6	#4	#2	#1	#1/0
3	J	*	1	2"	3#3/0	#6	#4	#2	#1	#1/0
3	K	*	1	2-1/2"	3#4/0	#4	#2	#1	#1/0	#2/0
3	L	*	1	2-1/2"	3#250	#4	#2	#1	#1/0	#2/0
3	M	*	1	3-1/2"	3#350	#4	#2	#1	#1/0	#2/0
3	N	*	2	2"	3#3/0	#2	#1	#1/0	#2/0	#3/0
3	NA	*	1	4"	3#600	#2	#1	#1/0	#2/0	#3/0
3	O	*	2	2-1/2"	3#4/0	#2	#1	#1/0	#2/0	#3/0
3	P	*	2	2-1/2"	3#250	#2	#1	#1/0	#2/0	#3/0
3	Q	*	2	3-1/2"	3#350	#1	#1/0	#2/0	#3/0	#4/0
3	R	*	2	4"	3#600	#1/0	#2/0	#3/0	#4/0	#250
3	S	*	3	3"	3#350	#2/0	#3/0	#4/0	#250	#350
3	T	*	3	4"	3#600	#3/0	#4/0	#250	#350	#400
3	U	*	4	4"	3#600	#4/0	#250	#350	#400	#500
3	V	*	5	4"	3#600	#250	#350	#400	#500	#600
3	W	*	6	4"	3#600	#350	#400	#500	#600	#700
3	X	*	8	3-1/2"	3#500	#400	#500	#600	#700	#750
4	A	*	1	3/4"	4#12	#12				
4	B	*	1	3/4"	4#10	#10				
4	C	*	1	3/4"	4#8	#10	#8			
4	D	*	1	1"	4#6	#10	#8	#6		
4	E	*	1	1-1/4"	4#4	#10	#8	#6	#4	
4	F	*	1	1-1/4"	4#2	#6	#4	#2		
4	G	*	1	1-1/2"	4#1	#6	#4	#2	#1	
4	H	*	1	2"	4#1/0	#6	#4	#2	#1	#1/0
4	I	*	1	2"	4#2/0	#6	#4	#2	#1	#1/0
4	J	*	1	2"	4#3/0	#6	#4	#2	#1	#1/0
4	K	*	1	2-1/2"	4#4/0	#4	#2	#1	#1/0	#2/0
4	L	*	1	3"	4#250	#4	#2	#1	#1/0	#2/0
4	M	*	1	3-1/2"	4#350	#4	#2	#1	#1/0	#2/0
4	N	*	2	2-1/2"	4#3/0	#2	#1	#1/0	#2/0	#3/0
4	NA	*	1	4"	4#600	#2	#1	#1/0	#2/0	#3/0
4	O	*	2	2-1/2"	4#4/0	#2	#1	#1/0	#2/0	#3/0
4	P	*	2	3"	4#250	#2	#1	#1/0	#2/0	#3/0
4	Q	*	2	3-1/2"	4#350	#1	#1/0	#2/0	#3/0	#4/0
4	R	*	2	4"	4#600	#1/0	#2/0	#3/0	#4/0	#250
4	S	*	3	3"	4#350	#2/0	#3/0	#4/0	#250	#350
4	T	*	3	4"	4#600	#3/0	#4/0	#250	#350	#400
4	U	*	4	4"	4#600	#4/0	#250	#350	#400	#500
4	V	*	5	4"	4#600	#250	#350	#400	#500	#600
4	W	*	6	4"	4#600	#350	#400	#500	#600	#700
4	X	*	8	4"	4#500	#400	#500	#600	#700	#750

SUFFIX INDICATES INCREASED GROUND SIZE, SEE THE CORRESPONDING COLUMN.
EXAMPLE: 4R2 – (2) 4"C., 4#600, 1#3/0G.
ALL GROUNDS ARE COPPER.
WHEN USING ALUMINUM EQUIVALENTS, VERY LUG CAPABILITIES ON ALL TERMINATIONS.

3 FEEDER SCHEDULES
NO SCALE



1 ONE LINE DIAGRAM
NO SCALE

LOAD SCHEDULE											
RATINGS			LOADING (KVA)								
Bus ID	VOLTS	AMPS	EXIST LOAD	REMOV. LOAD	ADDED LOAD	TOTAL OPER.	25% EXIST.	25% LG MOTOR	CODE KVA	CODE AMPS	NOTES
SES	208	800	73	0	143	216	18	0	234	650	1
PANEL D	208	200	0	0	60	60	0		60	166	
PANEL E	208	250	0	0	84	84	0		84	232	

1. EXISTING 12 MONTH PEAK DEMAND PER APS, 58KW,72.5KVA @0.8PF.

2 LOAD CALCULATIONS
NO SCALE

GENERAL NOTES

A. ALL WORK SHALL COMPLY WITH NEC AND LOCAL CODES.

B. ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED. ALL EQUIPMENT AND FIXTURES SHALL BE UL LISTED.

C. REFER TO PLANS FOR SES AND PANEL LOCATIONS.

D. MAINTAIN WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT PER NEC ART. 110, (30"W MIN), DEPTH PER NEC, (36" MIN).

E. VERIFY MECHANICAL EQUIPMENT NAMEPLATE RATINGS PRIOR TO INSTALLATION. INSTALL FUSED DISCONNECTS AT EACH A/C UNIT. INSTALL MOTOR RATED SWITCH OR DISCONNECT AT EACH AIR HANDLER AS DISCONNECTING MEANS. INSTALL THERMAL OVERLOAD PROTECTION (MANUAL MOTOR STARTER) FOR ANY MOTORS NOT PROVIDED WITH INTEGRAL THERMAL PROTECTION.

F. GROUNDING – PROVIDE AND INSTALL GROUND ELECTRODES AND CONNECTIONS AS INDICATED AND ADDITIONAL AS REQUIRED PER NEC AND AHJ. UFER SHALL BE REQUIRED ON ALL NEW CONSTRUCTION. GROUND ALL TRANSFORMERS TO THE GROUND ELECTRODE SYSTEM.

G. UTILITY SERVICE – WHEN A UTILITY CONNECTION IS SHOWN ON THE ONE–LINE DIAGRAM (SEE SYMBOL LEGEND), COORDINATE ALL SERVICE REQUIREMENTS WITH UTILITY. PROVIDE AND INSTALL ALL NECESSARY PRIMARY / SECONDARY CONDUIT, TRANSFORMER PADS, ETC. AS REQUIRED BY THE UTILITY PER UTILITY SPECIFICATIONS. WITHIN (2) WEEKS OF PROJECT AWARD CONTRACTOR SHALL SUBMIT ELECTRICAL PLANS AND SERVICE ENTRANCE SHOP DRAWINGS TO THE UTILITY FOR REVIEW.

H. SES – WHEN INDICATED ON ONE–LINE, PROVIDE AND INSTALL SES, RATINGS AS INDICATED. VERIFY ALL DIMENSIONS. MAINTAIN WORKING CLEARANCE PER NEC AND UTILITY REQUIREMENTS. PROVIDE 4" HOUSE KEEPING PAD FOR GROUND MOUNTED SES. CONTRACTOR SHALL SUBMIT SES/METER SHOP DRAWINGS TO UTILITY METER SHOP FOR APPROVAL.

I. CABLE LENGTHS WHEN INDICATED ON ONE–LINE ARE APPROXIMATE AND ARE FOR REFERENCE ONLY FOR CALCULATIONS AND ARE NOT TO BE USED FOR MATERIAL TAKEOFFS.

KEYED NOTES

1. REMOVE AND REPLACE EXISTING SERVICE ENTRANCE AS COORDINATED WITH UTILITY.

FAULT CURRENT NOTES

1. UTILITY FAULT CURRENT VALUES ARE OBTAINED FROM PUBLISHED UTILITY DATA BASED ON SERVICE SIZE.

2. FAULT CURRENT CALCULATIONS ARE COMPLETED USING ETAP (ELECTRICAL TRANSIENT ANALYZER PROGRAM). STANDARD INPUT PARAMETERS ARE AS FOLLOWS:
   - PRE–FAULT VOLTAGE = 100%
   - CABLE IMPEDANCE PER NEC STANDARD LIBRARY.
   - TRANSFORMER IMPEDANCE AND X/R RATIOS ARE PER TYPICAL MANUFACTURERS DATA UNLESS NOTED OTHERWISE.
   - FAULT CURRENT VALUES SHOWN ARE 3 PHASE, 30 CYCLE, RMS SYMMETRICAL UNLESS NOTED OTHERWISE.
   - FOR SINGLE PHASE SYSTEMS, BUSSMANN CALCULATIONS ARE USED.

3. COMPLETE FAULT CURRENT REPORTS ARE AVAILABLE UPON REQUEST.

SERIES RATED SYSTEMS

1. "SERIES–RATED SYSTEMS" SHALL CONSIST OF EITHER A CIRCUIT BREAKER OR FUSE CONNECTED IN SERIES WITH A DOWNSTREAM CIRCUIT BREAKER, DESIGNED AND LISTED FOR USE AS A SINGLE INTEGRATED SYSTEM.

2. THESE NOTES SHALL APPLY WHEN PANELBOARDS OR PROTECTIVE DEVICES ARE IDENTIFIED AS 'SERIES RATED'. OTHERWISE, SYSTEMS SHALL BE FULLY RATED.

3. THE MINIMUM kAIC SHOWN FOR SERIES RATED EQUIPMENT REFERS TO THE 'SERIES CONNECTED SHORT CIRCUIT CURRENT RATING' (SCCR) OF EQUIPMENT.

4. ALL SERIES RATED DEVICE COMBINATIONS SHALL BE UL LISTED & LABELED. SUBSTITUTION OF COMPONENTS HAVING DIFFERENT SPECIFICATIONS OR INTERRUPTING RATING IS SPECIFICALLY PROHIBITED.

5. SYSTEMS ARE IDENTIFIED AS TWO–TIER OR THREE–TIER (EX. 22/10; 65/42/10). RATINGS SHOWN ARE AIC RATING OF INDIVIDUAL DEVICES.

6. WHEN SERIES–RATED SYSTEMS ARE SPECIFIED, MOTOR FLA HAS BEEN CALCULATED AT LESS THAN 1% OF THE DOWNSTREAM BREAKER AIC RATING.

7. CONTRACTOR SHALL INSTALL / VERIFY MARKING ON SERIES RATED EQUIPMENT PER NEC 110–22, EX. "CAUTION–SERIES RATED SYSTEM (ENTER TIER RATING ex. '22/10'). (ENTER VALUE FROM ONE–LINE 'XX')KA AVAILABLE. IDENTIFIED REPLACEMENT COMPONENT REQUIRED".

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BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer Certificate No. 30536 WILLIAM J. BETHURUM, IV Date Signed
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

ONE-LINE DIAGRAM AND SCHEDULES
E6.0

D

MANUFACTURE:	LOCATION:	VOLTAGE:		PANEL NAME:
SEE SPECIFICATIONS	KITCHEN	208/ 120V		
MOUNTING:	FED FROM:	PHASE:	WIRE:	
SURFACE/N1	SES	3	4	
NOTES:	DIMS:	MIN kAIC: 100/10 kAIC	RATING: SERIES	MAINS: 200A MLO

BUS NO:	AMP	POLE	C	LOAD (Dvrsty)	NO.	PHASE A	PHASE B	PHASE C	NO.	LOAD (Dvrsty)	C	AMP	POLE	
RECEPTACLE RM 122	20	1		720	1	3396			2	2676		30	3	AC-4 22.3FLA
RECEPTACLE RM 121	20	1		720	3		3396		4	2676		30	3	AC-4 22.3FLA
RECEPTACLE RM101	20	1		360	5			3036	6	2676		30	3	AC-4 22.3FLA
RECEPTACLE RM101	20	1		360	7	2580			8	2220		25	2	AC-2 18.5FLA
RECEPTACLE RM115	20	1		540	9		2760		10	2220		25	2	AC-2 15FLA
RECEPTACLE RM112	20	1		540	11			660	12	120		20	1	CIRC PUMP (CP-1) 1/35HP
RECEPTACLE RM112	20	1		180	13	379			14	199		15	1	FF-1 (1/6)HP
RECEPTACLE RM113,114	20	1		360	15		389		16	29		15	1	EF-1 29W
RECEPTACLE EXTERIOR	20	1		540	17			996	18	456		15	3	KEF-1 3.8FLA
FOOD WARMER (AS APPL.) RM 121	20	1		1500	19	1956			20	456		15	3	KEF-1 3.8FLA
FOOD WARMER (AS APPL.) RM 121	20	1		1500	21		1956		22	456		15	3	KEF-1 3.8FLA
LIGHTING COOK LINE AREA RM120	20	1	C	690	23			1146	24	456		15	3	KEF-2 3.8FLA
LIGHTING - STOR 115, CORR 112, OFF 112, JAN 111, 101	20	1	C	904	25	1360			26	456		15	3	KEF-2 3.8FLA
LIGHTING MULTI-PURPOSE RM101	20	1	C	404	27		860		28	456		15	3	KEF-2 3.8FLA
LIGHTING EXTERIOR	20	1	C	192	29			948	30	756		15	1	KEF-3 6.3FLA
WATER SOFTENER STORAGE 114	20	1		250	31	1246			32	996		15	3	MAU-1 8.3FLA
SPARE	20	1		0	33		996		34	996		15	3	MAU-1 8.3FLA
FACP - RED HANDLE, LOCK-ON	20	1		100	35			1096	36	996		15	3	MAU-1 8.3FLA
FIRE BELL	20	1		500	37	10736			38	10236		110	3	E75 DISH MACHINE 85.3A
ROOF MAINTENANCE RECEPTS	20	1		900	39		11136		40	10236		110	3	E75 DISH MACHINE 85.3A
ACCESS CONTROLS -	20	1		500	41			10736	42	10236		110	3	E75 DISH MACHINE 85.3A
BUSSED SPACE					43	0			44	0		20	1	SPARE
BUSSED SPACE					45		0		46	0		20	1	SPARE
BUSSED SPACE					47			0	48	0		20	1	SPARE
BUSSED SPACE					49	0			50	0		20	1	SPARE
BUSSED SPACE					51		0		52					BUSSED SPACE
BUSSED SPACE					53			0	54					BUSSED SPACE

100% CONTIN. + NON-CONTIN. LOAD	21,653	21,493	18,618
25% CONTINUOUS LOAD	226	101	221
FEED THRU LOAD			
PER PHASE	21,879	21,594	18,839

TOTAL 3PH. VA: 62312 VA
PEAK PHASE: 182 AMPS
BUS LOADING: 91%

MEASURED PEAK DEMAND: [ ] AMPS DATE: [ ]

[903107_schedules.xlsx]D

E

MANUFACTURE:	LOCATION:	VOLTAGE:		PANEL NAME:
SEE SPECIFICATIONS	KITCHEN	208/ 120V		
MOUNTING:	FED FROM:	PHASE:	WIRE:	
SURFACE/N1	SES	3	4	
NOTES:	DIMS:	MIN kAIC: 100/10 kAIC	RATING: SERIES	MAINS: 250A MCB SHUNT-TRIP

BUS NO:	AMP	POLE	C	LOAD (Dvrsty)	NO.	PHASE A	PHASE B	PHASE C	NO.	LOAD (Dvrsty)	C	AMP	POLE	
E1 AIR CURTAIN 2.4A	15	1		288	1	468			2	180		20	1	RECEPTACLE RM 116
E6 BREW STATION TABLE 15A	20	1		1800	3		1980		4	180		20	1	RECEPTACLE RM 119
E7 COFFEE BREWER 25A	35	1		3000	5			3360	6	360		20	1	RECEPTACLE RM 119
E8 TEA BREWER 14.4A	20	1		1728	7	2088			8	360		20	1	RECEPTACLE RM 101
E11 REACH-IN FREEZER 9.2A	15	1		1104	9		2104		10	1000		20	1	HOOD LCP DISH 122
E15 WALK-IN FREEZER 5A	15	1		600	11			600	12	0		20	1	SPARE
E15 WALK-IN FREEZER 5A	15	1		600	13	1500			14	900		20	3	E42 ELECTRICAL CONTROL PACKAGE (KITCHEN)
E16 COOLER EVAP 1A	20	2		104	15		1004		16	900		20	3	E42 ELECTRICAL CONTROL PACKAGE (KITCHEN)
E16 COOLER EVAP 1A	20	2		104	17			1004	18	900		20	3	E42 ELECTRICAL CONTROL PACKAGE (KITCHEN)
E17 COOLER CONDENSING UNIT 14.4A	20	3		1728	19	1728			20	0		20	1	SPARE
E17 COOLER CONDENSING UNIT 14.4A	20	3		1728	21		1728		22	0		20	1	SPARE
E17 COOLER CONDENSING UNIT 14.4A	20	3		1728	23			1728	24	0		20	1	SPARE
E18 FREEZER EVAP 6.2A	15	1		744	25	744			26	0		20	1	SPARE
E19 COOLER CONDENSING UNIT 13.7A	20	3		1644	27		1644		28	0		20	1	SPARE
E19 COOLER CONDENSING UNIT 13.7A	20	3		1644	29			2244	30	600		20	1	E57 ISLAND PREP TABLE 15A
E19 COOLER CONDENSING UNIT 13.7A	20	3		1644	31	2244			32	600		20	1	E57 ISLAND PREP TABLE 15A
E26 WORK TABLE 15A	20	1		1800	33		2064		34	264		15	1	E59 PASS THRU REFRIG 2.2A
E26 WORK TABLE 15A	20	1		1800	35			3804	36	2004		25	1	E60 PASS THRU HEATED CABINET 16.7A
E34 SLICER 2A	20	1		240	37	2640			38	2400		25	1	E61 ISLAND PREP TABLE 20A
E35 FOOD PROCESSOR 7A	20	1		840	39		2640		40	1800		20	1	E62 SERVING COUNTER 15A
E38 PREP TABLE 15A	20	1		1800	41			3880	42	2080		25	2	E63 SNEEZE GUARD 20A
E40 EXHAUST HOOD 5A	15	1		600	43	2680			44	2080		25	2	E63 SNEEZE GUARD 20A
E41 FIRE SYSTEM 15A	20	1		1800	45		2736		46	936		15	1	E64 COLD FOOD WELL 7.8A
E44 OVEN 7.7A	15	1		924	47			2820	48	1896		20	1	E65 HOT FOOD WELLS 15.8A
E45 STEAMER 23.8A	30	3		2856	49	4752			50	1896		20	1	E66 HOT/COLD WELLS 15.8A
E45 STEAMER 23.8A	30	3		2856	51		3276		52	420		15	1	E67 HOT/COLD WELLS 3.5A
E45 STEAMER 23.8A	30	3		2856	53			4656	54	1800		20	1	E69 SERVICE COUNTER 15A
E46 TILT SKILLET 5A	15	1		600	55	2400			56	1800		20	1	E69 SERVICE COUNTER 15A
E48 RANGE WITH OVEN 5A	15	1		600	57		2400		58	1800		20	1	E69 SERVICE COUNTER 15A
E52 COUNTER TOP MIXER 5A	15	1		600	59			2316	60	1716		20	1	E89,90 ICE MACHINE 3A,11.3A
E53 60QT. MIXER 23A	30	2		2392	61	4192			62	1800		20	1	E91 TOASTER 15A
E53 60QT. MIXER 23A	30	2		2392	63		4192		64	1800		20	1	E92 MICROWAVE OVEN 15A
E55 REFRIG BASE 8.1A	15	1		972	65			1884	66	912		20	1	(2) E93 U/C REFRIGERATOR 3.8A
E56 HOT FOOD WELLS 10A	15	1		1200	67	2280			68	1080		20	1	E94 U/C HEAT CABINET 9A
E57 ISLAND PREP TABLE 15A	20	1		1800	69		2880		70	1080		20	1	E94 U/C HEAT CABINET 9A
E57 ISLAND PREP TABLE 15A	20	1		1800	71			1800	72					BUSSED SPACE

100% CONTIN. + NON-CONTIN. LOAD	27,716	28,648	30,096
25% CONTINUOUS LOAD	0	0	0
FEED THRU LOAD			
PER PHASE	27,716	28,648	30,096

TOTAL 3PH.VA: 86460 VA
PEAK PHASE: 251 AMPS
BUS LOADING: SEE LOAD CALC

MEASURED PEAK DEMAND: [ ] AMPS DATE: [ ]

[903107_schedules.xlsx]E

1 PANEL SCHEDULES
NO SCALE

GENERAL NOTES

A. COMPLY WITH NEC ART. 408.4. IDENTIFY EACH BRANCH CIRCUIT AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE. THE IDENTIFICATION SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS. COMPLETE THE PANEL SCHEDULE(S) BASED ON AS-BUILT CONDITIONS AND LOCATE IN PANELBOARD(S). IDENTIFY ALL SPARES ACCORDINGLY AND SET TO 'OFF' POSITION.

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly - Architects, Ltd. -
331 North 1st Avenue / Suite 108
Phoenix, Arizona 85003 (480) 829-7667

Revisions:
1
2
3
4

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical) CERTIFICATE NO. 30536 WILLIAM J. BETHURUM, IV
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

PANEL SCHEDULES

E7.0

VoltaUS CONSULTING
2633 E. Indian School Rd., Ste. 210, Phoenix, AZ 85016
Tel. (480) 659-0511, VoltaUS.com

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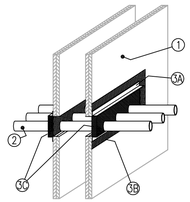
06.25.20



1. Wall Assembly – Constructed in the manner specified in the U300 or U400 series designs as shown in the UL Fire Resistance Directory. The annular space is 0 to 2 inches.
2. Metallic Pipes – Maximum 5 pipes, 2 inch nominal diameter Type L or heavier copper tubing or 1 inch nominal diameter Sch. 5 or heavier steel pipe, RMC, or EMT.

3A. Steel Frame – Constructed of 7/8" X 7/8", nominal 16 gauge, steel angle secured to the studs with self tapping screws and fender washers.

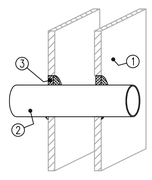
3B. Forming Material – Diamond shaped steel mesh, or metal fabric, is secured under the steel frame to provide backer support for the FSP Putty.

3C. Nelson FSP Putty – Install FSP to fill all remaining voids within the confines of the steel frame to a minimum 1 inch depth on both sides of the wall.

F Rating – 2 Hr.
T Rating – 0 Hr.
UL System W-L-1031
MEA # 196-84-M Vol. 3

The system described in this detail has tested successfully to ASTM E-814 and ANSI/UL 1479 and has achieved F and T ratings as shown in the illustration box.

All technical information and recommendations contained herein are based on tests we believe to be reliable, however, since the conditions of use and application are beyond our control, Nelson Firestop Products shall not be liable for any damage, direct or consequential, resulting from the use of this material or design. User determines all risks and liabilities when determining suitability for an application.		F Rating 2 Hours	Metallic Pipes Gypsum Wall Assembly	
		T Rating 0 Hour	Nelson Firestop Products P.O. Box 726, Tulsa, OK 74101 (800)-331-7325 / (918)-627-5530	FS-0098
Date 04/03/99	Revision No. 1			

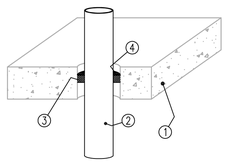


1. Wall Assembly – Constructed in the manner specified in the U300 or U400 series designs as shown in the UL Fire Resistance Directory. The annular space range is 0 inch (point contact) to 2 inches.
2. Metallic Pipe or Conduit – Maximum nominal 20 inch diameter, or smaller, Sch. 10 or heavier steel or cast iron pipe, or maximum 2 inch nominal diameter EMT or, Type L or heavier copper tubing or pipe.
3. Nelson LBS+ Sealant – Apply to fill the annular space around the pipe to a minimum 1/2 inch depth, with an additional 1/4 inch bead around the pipe, at areas of point contact, on both sides of the wall.

F Rating – 1 Hr.
T Rating – 0 Hr.
UL System W-L-1185
MEA # 135-00-M

The system described in this detail has tested successfully to ASTM E-814 and ANSI/UL 1479 and has achieved F and T ratings as shown in the illustration box.

All technical information and recommendations contained herein are based on tests we believe to be reliable, however, since the conditions of use and application are beyond our control, Nelson Firestop Products shall not be liable for any damage, direct or consequential, resulting from the use of this material or design. User determines all risks and liabilities when determining suitability for an application.		F Rating 1 Hours	Steel Pipe or Conduit Gypsum Wall Assembly	
		T Rating 0 Hour	Nelson Firestop Products P.O. Box 726, Tulsa, OK 74101 (800)-331-7325 / (918)-627-5530	FS-0230
Date 12/27/99	Revision No. 0			

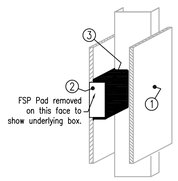


1. Floor or Wall Assembly – Minimum 4-1/2 inch thick lightweight or normal weight concrete floor or wall, or CMU block wall. The maximum annular space is 1/4 inch.
2. Metallic Pipe or Conduit – Maximum nominal 4 inch diameter, Sch. 5 or heavier, steel pipe, RMC, or EMT.
3. Nelson FSP Putty – Minimum 1 inch thick layer of FSP recessed 1 inch from the top surface of the floor or centered within the wall.
4. Steel Tie Wire – Nominal 12 gauge steel tie wire tightly wrapped around the pipe and placed over the top surface of the FSP putty in floor applications or both surfaces in wall applications.

F Rating – 2 Hr.
T Rating – 0 Hr.
UL System C-AJ-1054
MEA # 196-84-M Vol. 3

The system described in this detail has tested successfully to ASTM E-814 and ANSI/UL 1479 and has achieved F and T ratings as shown in the illustration box.

All technical information and recommendations contained herein are based on tests we believe to be reliable, however, since the conditions of use and application are beyond our control, Nelson Firestop Products shall not be liable for any damage, direct or consequential, resulting from the use of this material or design. User determines all risks and liabilities when determining suitability for an application.		F Rating 2 Hour	Steel Pipe or Conduit Concrete Floor or Wall Assembly	
		T Rating 0 Hour	Nelson Firestop Products P.O. Box 726, Tulsa, OK 74101 (800)-331-7325 / (918)-627-5530	FS-0092
Date 04/03/99	Revision No. 1			



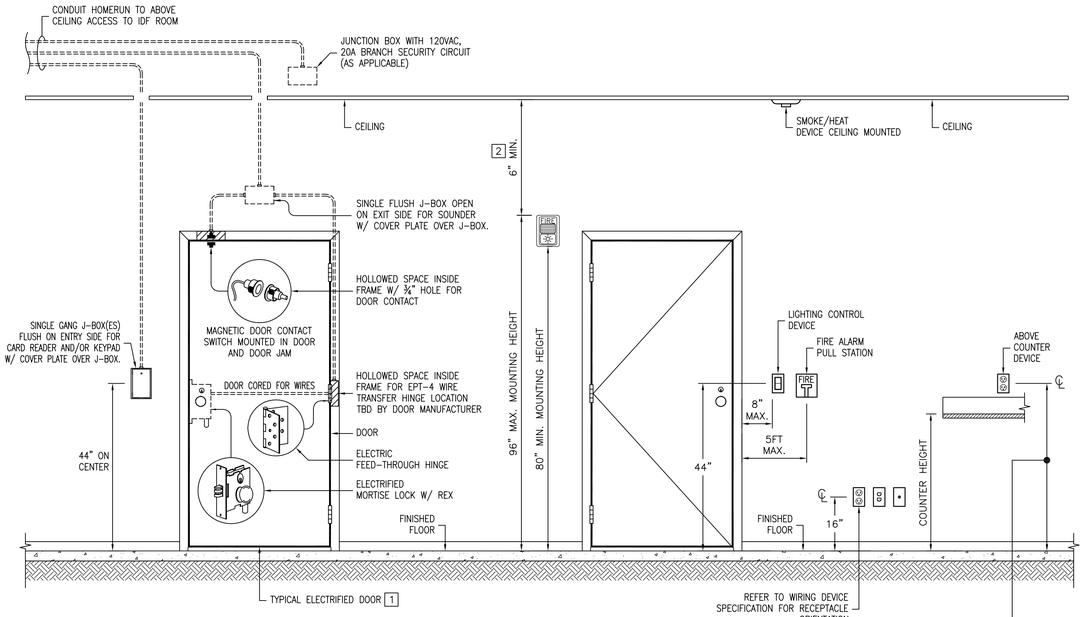
1. Wall Assembly – Constructed in the manner specified in the U300 or U400 series designs as shown in the UL Fire Resistance Directory. The annular space range is 0 inch (point contact) to 2 inches.
2. Metallic Pipe or Conduit – Maximum nominal 20 inch diameter, or smaller, Sch. 10 or heavier steel or cast iron pipe, or maximum 2 inch nominal diameter EMT or, Type L or heavier copper tubing or pipe.
3. Nelson LBS+ Sealant – Apply to fill the annular space around the pipe to a minimum 1/2 inch depth, with an additional 1/4 inch bead around the pipe, at areas of point contact, on both sides of the wall.

F Rating – 1 Hr.
T Rating – 0 Hr.
UL System Report 98NK34847
MEA # 196-84-M Vol. 2

The system described in this detail has tested successfully to ASTM E-814 and ANSI/UL 1479 and has achieved F and T ratings as shown in the illustration box.

All technical information and recommendations contained herein are based on tests we believe to be reliable, however, since the conditions of use and application are beyond our control, Nelson Firestop Products shall not be liable for any damage, direct or consequential, resulting from the use of this material or design. User determines all risks and liabilities when determining suitability for an application.		F Rating 1 Hour	Electrical Outlet Box Gypsum Wall Assembly	
			Nelson Firestop Products P.O. Box 726, Tulsa, OK 74101 (800)-331-7325 / (918)-627-5530	FS-0216
Date 04/03/99	Revision No. 1			

P1 FIRE PENETRATION DETAILS
NO SCALE

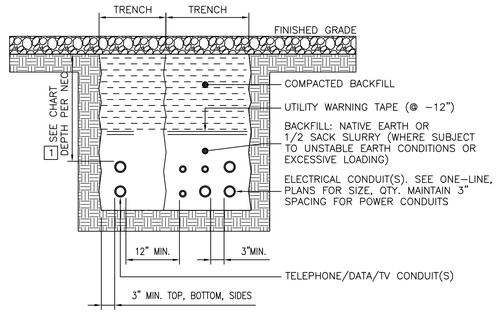


1 DETAIL REPRESENTS TYPICAL INSTALLATION. THE ACTUAL NUMBER OF CONNECTION, POWER REQUIREMENTS, WIRING REQUIREMENTS WILL VARY. COORDINATE WITH ACCESS CONTROLS INSTALLER AND SHOP DRAWINGS ACCORDINGLY.

2 INSTALL NOTIFICATION DEVICES AT 80"AFF (82" TO DEVICE BOX CENTERLINE) UNLESS NOTED OTHERWISE OR UNLESS MINIMUM CEILING SPACING CANNOT BE MAINTAINED. (REF. NFPA 72)

A2 ELECTRIFIED DOOR
NO SCALE (AS APPLICABLE)

A1 DEVICE MOUNTING HEIGHTS
NO SCALE



1 MINIMUM DEPTH (TABLE 300.5)	
LOCATIONS	DEPTH
ALL LOCATIONS NOT SPECIFIED.	18"
UNDER 4" THICK (MIN) CONCRETE WITH NO VEHICULAR TRAFFIC.	4"
UNDER STREETS, HIGHWAYS, ROADS, ALLEYS, DRIVEWAYS AND PARKING LOTS.	24"

U1 UNDERGROUND DUCTBANK
NO SCALE

VoltaUS CONSULTING
2633 E. Indian School Rd., Ste. 210, Phoenix, AZ 85016
Tel. (480) 659-0511, VoltaUS.com

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06.25.20

MWKARCH
Architecture
Planning
Interiors
History
Arts
Michael Wilson Kelly - Architects, Ltd. -
331 North 1st Avenue / Suite 108
Phoenix, Arizona 85003 (480) 829-7667

Revisions:

BUCKEYE SENIOR CENTER
KITCHEN ADDITION
201 E CENTRE AVENUE BUCKEYE, ARIZONA 85326

06/25/20
Registered Professional Engineer (Electrical) CERTIFICATE NO. 30536 WILLIAM J. BETHURUM, IV
SEAL: EXPIRES: 09/30/20

Drawn by:	Checked by:
ETS/JG	WB
Project No.	Date:
903107	10JUN2020

ELECTRICAL DETAILS

E8.0

EXHIBIT D
BID FORMS

SECTION 300
BID FORMS/BASE BID

City Project Name: **BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION**

Date: 10/18/21

Bid from: GCON Inc.
(Name of Firm)

To: City of Buckeye

The following bid is made for construction services for the City of Buckeye, Arizona, in accordance with Construction Documents. The undersigned certifies that the Construction Documents, as well as the proposed construction site and conditions affecting the Work have been carefully examined; that the amount and nature of the Work to be done is thoroughly understood; and that at no time will misunderstanding of the drawings, specifications, or conditions to be overcome be pleaded.

The undersigned certifies that he or his firm is currently licensed under the provisions of ARS Sections 32-1151 and 32-1169. The undersigned further certifies that he or his firm has a privilege license pursuant to ARS Section 42-5005.

The undersigned has read "Instructions to Bidders", paragraph "Sales and Use Tax" and understands that all sales and use taxes applicable to this project are included in all bid prices. The undersigned has read the Construction Contract between the City of Buckeye and Contractor, and will execute said agreement if awarded the Contract. Any exceptions to the terms and conditions have been stated in writing and submitted on a separate sheet with this bid. The undersigned understands that any exceptions taken to the Construction Contract that are not accepted and/or approved by the City may be a basis for rejection of the Bid as nonresponsive.

RECEIPT BY THE UNDERSIGNED OF THE FOLLOWING ADDENDA IS HEREBY ACKNOWLEDGED:

ADDENDUM NUMBER:	1	DATED:	9/21/21
ADDENDUM NUMBER:	2	DATED:	9/28/21
ADDENDUM NUMBER:	3	DATED:	10/11/21
ADDENDUM NUMBER:	4	DATED:	10/12/21

Submitted by: GCON Inc.

SIGNATURE: J. Fisher

NAME: Tiffany Fisher

TITLE: Executive Vice President

Principal Office: GCON Inc. Phoenix

Address: 1606 W Whispering Wind Dr.

Phoenix, AZ 85085

Telephone: 480-322-8636

Facsimile: 623-581-3302

M s. Tiffany Fisher being duly sworn deposes and says that he/she is the Exec. V.P. of GCON Inc. Contractor(s), and that answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this 18th day of October, 2021

Notary Public: Sarah Titterington - Sarah Titterington

My Commission Expires: 17th day or July, 2023

SARAH TITTERINGTON
Notary Public - Arizona
Maricopa County
Commission # 567094
My Comm. Expires Jul 17, 2023

LUMP SUM PROPOSAL: This is a Firm Fixed Price (Lump sum) Contract

Item No.	Description	Amount	Extended Amount
01	Division 1 – General Requirements		
01a	General Conditions/Requirements	$ 202,120	
01b	Builders Risk Insurance	$ 1,125	
01c	Performance & Payment Bond	$ 15,212	
01d	Insurance	$ 16,209	
01e	Fee	$ 72,930	
01f	Tax	$ 98,335	
01g	Furnishings, FF&E	$ 314,064	
		Subtotal Division 1	$ 719,995
02	Division 2 – Existing Conditions		$ 37,900
03	Division 3 – Concrete		$ 75,950
04	Division 4 – Masonry		$ 81,490
05	Division 5 – Metals		$ 19,810
06	Division 6 – Wood and Plastic		$ 51,486
07	Division 7 - Thermal and Moisture Protection		$ 23,564
08	Division 8 – Openings		$ 45,400
09	Division 9 – Finishes		$ 101,323
10	Division 10 – Specialties		N/A
11	Division 11 – Equipment		$ 2,500
12	Division 15 – Fire Protection		
12a	Plumbing	$ 120,178	
12B	HVAC	$ 104,357	
		Subtotal Division 12	$ 663,958
13	Division 16 – Electrical, Fire Alarm & Special System Infrastructure		$ 125,582
14	Division 31 – Earth Work		$ 46,615
15	Division 32 – Exterior Improvements		$ 24,393
16	Division 33 – Site Utilities		$ 71,500
17	Owners Contingency		$ 73,000
		TOTAL	**$ 1,725,043**

Total calendar days for completion of work 152.

The undersigned proposes to complete all of the Work in accordance with said Construction Documents, plans, specification and all associated addenda for the sum of

One Million Seven Hundred Twenty Five Thousand and Forty Three Dollars ($1,725,043).

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in Words shall govern.)

QUALIFICATION STATEMENT

THE CITY OF BUCKEYE ARIZONA

CONTRACTOR'S QUALIFICATION STATEMENT

Name of Firm: GCON Inc.
Address: 1606 W Whispering Wind Dr.
City, State, Zip Code: Phoenix, AZ 85085
Telephone No: 623-581-6300
DUNS or CAGE NO.: 189633568

The undersigned certifies under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

1. How many years has your firm been in business as a general contractor?
   18 years - GCON was incorporated February 2003

1.1 How many years has your firm been in business as a general contractor in the State of Arizona?
   18 years - GCON was incorporated February 2003

2. How many years has your firm been in business under its present business name?
   18 years - GCON was incorporated February 2003

3. List states and categories in which your firm is legally qualified to do business.
   GCON has a General Contractor licenses in the following states: Georgia, Arizona, California, New Mexico, Oregon, Tennessee, Virginia, Washington, Colorado, Idaho, Minnesota, Nevada, North Carolina and, Texas

4. List the percentage of work normally accomplished with your own forces.
   GCON does not self perform work.

4.1 Will you need to expand your work force for this project?
   We will not need to expand our work force.

4.2 Present number of personnel employed.
   125

5. Have you ever failed to complete any project awarded to your firm? If so, explain circumstances.
   No

5.1 Within the past five (5) years, has any officer or partner of your firm ever been an officer or partner of another firm that failed to complete any project awarded to it?

No

6. Has the firm had experience with HUD/CDBG funded projects or other federally funded projects that included Davis Bacon, Section 3 and other applicable regulations. If so, provide the project name, Name of Jurisdiction, and contact name, phone, and email.

To date GCON has not completed a project that has Davis Bacon reporting requirements, however GCON's staff have previous experience with other firms in Davis Bacon projects, noting experience in subcontractor compliance and weekly salary reporting. Please see attached Kraig Hills resume as Senior PM for this project.

7. On a separate sheet, list the construction experience and provide resumes of key individuals of your firm.

Include the Project Manager, Superintendent, and Assistant Superintendent for this project; and identify their previous levels of responsibility for those projects listed in Paragraph 6.

See attached.

8. References: (Bank, Trade, and Professional) Provide name, address, and telephone number. List three.

National Bank of Arizona
6001 N. 24th Street
Phoenix, AZ 85016
602-212-5524

Nolin Fire Sprinkler
Glen Jones
7313 N. 45th Ave
Glendale, AZ 85301
623-931-0895

City of Buckeye
Scott Tijerina
23454 MC 85
Buckeye, AZ 85326
623-764-4859

9. Name of bonding company and name and phone number of agent.

Bonding & Insurance Solutions, LLC
Nikki Johnson
816-944-2233

10. Scheduling techniques to be employed by your firm to expedite construction.

- Procure long lead items prior to start of construction, including masonry, roofing, metal deck.
- Procure OF kitchen equipment in advance to ensure on-time delivery for scheduled installation.
- Ensure that Maricopa County Health Department permit is obtained prior to start of construction.
- Ensure the AHJ hood inspection is scheduled in advance.

11. List your Arizona Contractor's License Number(s) and category.

B1-ROC 182765

Name of Organization: GCON Inc.

(Check One)

Corporation X Partnership ___ Individual ___

Joint Venture ___ Other ___

Submitted by:

SIGNATURE: _____

NAME: Tiffany Fisher

TITLE: Executive Vice President

Principal Office: GCON Inc. Phoenix

Address: 1606 W. Whispering Wind Dr.

Phoenix, AZ 85085

Telephone: 480-322-8636

Facsimile: 623-581-3302

Email: tiffanyf@gconinc.com

Ms. Fisher being duly sworn deposes and says that he/she is the Exec. V.P. of GCON Inc. Contractor(s), and that answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this 18th day of October, 2021

Notary Public: Sarah Titterington - _____

My Commission Expires: 17th day or July, 2023

SARAH TITTERINGTON
Notary Public - Arizona
Maricopa County
Commission # 567094
My Comm. Expires Jul 17, 2023

SOLICITATION ADDENDUM
IFB NO. 2022012
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION
623.349.6174

ADDENDUM #1

NOTE: Attach to Original Invitation for Bid. However, if Bid has already been returned, complete this addendum and return for attachment to your Bid by 10:0am, October 14, 2021

.

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Debby Fasano

SOLICITATION: IFB No. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK

NOTICE TO CONTRACTORS:
This Addendum forms a part of the Contract and clarifies, corrects, or modifies the original Invitation for Bid documents prepared by the City of Buckeye.

Bid Due Date and Time: **October 14, 2021 no later than 10:00am local time**

Last Day for Questions: **October 4, 2021 at 5:00pm**

The following change has been made:

Delete the Davis Bacon Wage Determination No. AZ20210017 dated 08/06/2021 and replace it with Davis Bacon Wage Determination No. AZ20210031 dated 09/10/2021 and attached as Exhibit A.

The balance of the specifications and instructions remain the same. Offerors must acknowledge receipt and acceptance of this addendum by returning the entire addendum with the Bid.

PLEASE ACKNOWLEDGE YOUR RECEIPT OF THIS Addendum BY SIGNING THE ATTACHED SOLICITATION ADDENDUM ACKNOWLEDGEMENT.

SOLICITATION ADDENDUM ACKNOWLEDGEMENT

IFB NO. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK
ADDENDUM NUMBER 1
ADDENDUM ISSUE DATE: September 21, 2021

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this Request for Proposals, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: GCON Inc.

Authorized Signature: 

Print Name and Title: Tiffany Fisher Executive Vice President

Date: 09/21/21

Address: 1606 W Whispering Wind Dr.

City, State, Zip Code: Phoenix, AZ 85085

Telephone Number: 480-322-8636

Email Address: tiffanyf@gconinc

SOLICITATION ADDENDUM
IFB NO. 2022012
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION
623.349.6174

ADDENDUM #2

NOTE: Attach to Original Invitation for Bid. However, if Bid has already been returned, complete this addendum and return for attachment to your Bid by 10:0am, October 14, 2021

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Debby Fasano

SOLICITATION: IFB No. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK

NOTICE TO CONTRACTORS:
This Addendum forms a part of the Contract and clarifies, corrects, or modifies the original Invitation for Bid documents prepared by the City of Buckeye.

Bid Due Date and Time: **October 14, 2021 no later than 10:00am local time**

Last Day for Questions: **October 4, 2021 at 5:00pm**

The following questions have been asked by Contractors:

Q1. Subs want to know estimated start date of this project. If you have a requested end date as well that would be great, but for labor/material purposes they need to know when this project might start if possible.
A1. November 29, 2021 is the anticipated start date for mobilization and the project is expected to take four to six months.

Q2. HVAC Units on this project are scheduled Fraser-Johnston, which is JCI/York... the 2 ton unit scheduled has a 39 week lead time, while the (2) 4 ton units have a lead-time of 23 weeks. This is a very long lead-time on ordering these items and might not work with your schedule. Let us know if we have the option to find alternate/comparable products with quicker lead times for you.
.A2. Please bid as stated in the schedule and the City will go through the submittal process after award and will entertain any comparable/alternate units if spec'd unit has long lead times.

The balance of the specifications and instructions remain the same. Offerors must acknowledge receipt and acceptance of this addendum by returning the entire addendum with the Bid.

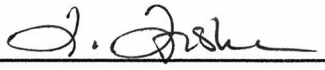
PLEASE ACKNOWLEDGE YOUR RECEIPT OF THIS Addendum BY SIGNING THE ATTACHED SOLICITATION ADDENDUM ACKNOWLEDGEMENT.

SOLICITATION ADDENDUM ACKNOWLEDGEMENT

IFB NO. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK
ADDENDUM NUMBER 2
ADDENDUM ISSUE DATE: September 28, 2021

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this Request for Proposals, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: GCON Inc.

Authorized Signature: 

Print Name and Title: Tiffany Fisher Executive Vice President

Date: 9/28/21

Address: 1606 W. Whispering Wind Dr.

City, State, Zip Code: Phoenix, AZ, 85085

Telephone Number: 480-322-8636

Email Address: tiffanyf@gconinc.com

SOLICITATION ADDENDUM
IFB NO. 2022012
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION
623.349.6174

ADDENDUM #3

NOTE: Attach to Original Invitation for Bid. However, if Bid has already been returned, complete this addendum and return for attachment to your Bid by 10:0am, October 14, 2021

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Debby Fasano

SOLICITATION: IFB No. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK

NOTICE TO CONTRACTORS:
This Addendum forms a part of the Contract and clarifies, corrects, or modifies the original Invitation for Bid documents prepared by the City of Buckeye.

Bid Due Date and Time: **October 18, 2021 no later than 10:00am local time**

Last Day for Questions: **October 4, 2021 at 5:00pm**

The following changes have been made:

1. The bid due date has been changed to October 18, 2021 no later than 10:00am local time.

2. Add Technical Specification, pursuant to Exhibit A.

3. Revise Drawing Sheets:
   a. A00.00 Dover Sheet – Fire Department Review Items, Clarification of Deferred Submittals by Contractor, separate Permits.
   b. A00.06 Enlarged Site Plan – Clarified relations of 2 existing wall mounted fire extinguishers, and addition of one new fire extinguisher in a semi-recessed fire extinguisher cabinet.
   c. A02.07 Finishes Schedule – Clarification of finishes matching Floor Plan & RCP. Added Mini-Blinds for sidelight at Office 112.

4. HVAC Units: equivalents based on better availability are acceptable, subject to review and approval by Mechanical Engineer & City Facilities Dept. The units are specified more for performance and a standard of quality than for a specific manufacturer. We do not expect the specifications to be proprietary and lock out other manufacturers. Lennox, Trane, York etc. all OK as long as the cooling capacities are equal or better.

The following questions have been asked by Contractors:

Q1. Can you provide the information for the Floor sinks and Floor drains? There is no schedule or spec. I did find the Zurn roof drain.
A1. Jay R. Smith #2005 series floor drain and #3411 floor sink or equivalents from Zurn, Wade, and Josam are a fair standard of quality.

Q2. Room finish says ac-1 for rooms 110, 111 and 115, which is in phase 2. Yet the plans and cross sections say these rooms to be drywall. Please advise.
A2. See Exhibit D.

Q3. Can we get the voltage and phase on the Bell & Gossett Sump Pump?
A3. See Exhibit C.

Q4. Can we get a model # for the sewer backwater valve?
A4. Please see cut sheet, pursuant to Exhibit B.

Q5. Can we get some details for the sewer backwater valve box?
A5. See Exhibit B.

Q6. What is the depth of the existing sewer?
A6. The depth needs to be field verified.

Q7. Does the grease interceptor require asphalt coating?
A7. FROM MANUFACTURER'S DATA SHEET: Watertightness - All Jensen Precast grease interceptors are designed and tested to be 100% watertight. Our manufacturing processes follow detailed & comprehensive quality control procedures consistent with the NPCA Plant Certification Program. Inlet and outlet pipe connections are all gasketed.

Q8. What size chambers are the Stormtech retention system? It seems highly unlikely the layout shown on the plans will cover the 2250cf of required storage.
A8. Stormtech design is to be separate design and submittal to Engineer.

Q9. How much stone is required below and above the chambers?
A9. Stormtech design is to be separate design and submittal to Engineer.

Q10. What is the circular structure labelled # 21, "TEE" by ADS? Is this supposed to be a drain basin?
A10. Stormtech design is to be separate design and submittal to Engineer.

Q11. Is an isolation row required on the retention system?
A11. Stormtech design is to be separate design and submittal to Engineer.

Q12. Can we get more information on the sump pump? HP, phase, control panel, explosion proof, pull-out system?
A12. Specification: See attached Data Sheet Exhibit C.
Power: Sump pump branch circuit:
- Provide and install 20A / 2P breaker in panel D.
- Install 3/4"C, 2#10, #10G from panel D to sump pump as located on plumbing plans.

- Install weatherproof junction box, disconnecting means, and connection to pump.
- Controls will be integral to pump. See pump cut sheet and plumbing plans.

Q13. What is the "bubbler box", # 17? Open bottom catch basin, drain basin with perforated bottom, vertical RGRCP with frame & grate?

A13. Stormtech design is to be separate design and submittal to Engineer.

The balance of the specifications and instructions remain the same. Offerors must acknowledge receipt and acceptance of this addendum by returning the entire addendum with the Bid.

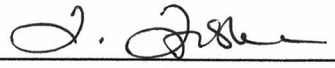
PLEASE ACKNOWLEDGE YOUR RECEIPT OF THIS Addendum BY SIGNING THE ATTACHED SOLICITATION ADDENDUM ACKNOWLEDGEMENT.

SOLICITATION ADDENDUM ACKNOWLEDGEMENT

IFB NO. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK
ADDENDUM No. 3
ADDENDUM ISSUE DATE: October 11, 2021

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this Request for Proposals, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: GCON Inc.

Authorized Signature: 

Print Name and Title: Tiffany Fisher Executive Vice President

Date: 10/11/21

Address: 1606 W. Whispering Wind Dr.

City, State, Zip Code: Phoenix, AZ, 85085

Telephone Number: 480-322-8636

Email Address: tiffanyf@gconinc.com

SOLICITATION ADDENDUM
IFB NO. 2022012
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION
623.349.6174

ADDENDUM #4

NOTE: Attach to Original Invitation for Bid. However, if Bid has already been returned, complete this addendum and return for attachment to your Bid by 10:0am, October 14, 2021

.

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Debby Fasano

SOLICITATION: IFB No. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK

NOTICE TO CONTRACTORS:
This Addendum forms a part of the Contract and clarifies, corrects, or modifies the original Invitation for Bid documents prepared by the City of Buckeye.

Bid Due Date and Time: **October 18, 2021 no later than 10:00am local time**

Last Day for Questions: **October 4, 2021 at 5:00pm**

The following changes have been made:

1. The incorrect version of Addendum No. 3 was posted on the City's website. The correct version is attached as Exhibit A.

The balance of the specifications and instructions remain the same. Offerors must acknowledge receipt and acceptance of this addendum by returning the entire addendum with the Bid.

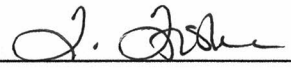
PLEASE ACKNOWLEDGE YOUR RECEIPT OF THIS Addendum BY SIGNING THE ATTACHED SOLICITATION ADDENDUM ACKNOWLEDGEMENT.

SOLICITATION ADDENDUM ACKNOWLEDGEMENT

IFB NO. 2022012: BUCKEYE COMMUNITY CENTER KITCHEN REMODEL AND ADDITION – CDBG21BK
ADDENDUM No.4
ADDENDUM ISSUE DATE: October 12, 2021

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this Request for Proposals, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: GCON Inc.

Authorized Signature: 

Print Name and Title: Tiffany Fisher Executive Vice President

Date: 10/11/21

Address: 1606 W. Whispering Wind Dr.

City, State, Zip Code: Phoenix, AZ, 85085

Telephone Number: 480-322-8636

Email Address: tiffanyf@gconinc.com


E Centre Ave
E Centre Ave
S Miller Rd
201 E Centre Ave,
Buckeye, AZ 85326
S Parkside Ln E
Earl Edgar
Recreational Park
S Miller Rd
Earl Edgar
Recreational
Facility
Buckeye Senior
Apartments
Google

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.M. Bulletproof Vest Partnership Grant
DATE PREPARED: 12/16/21	**DISTRICT NO.:** ALL
STAFF LIAISON: Larry Hall, Police Chief, lhall@buckeyeaz.gov, (623) 349-6438	
DEPARTMENT: Police	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 95-21 accepting and approving a grant from the Department of Justice relating to the partial reimbursement for the purchase of bulletproof vests for Police Officers of the City of Buckeye.

RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:

The Buckeye Police Department to purchase bulletproof vests for its officers, and the cost of the vests paid by the City are reimbursed (50/50) by the U.S. Department of Justice up to $12,500 total. Award notification and grant management are through the Bulletproof Vest Partnership website.

BENEFITS:
Fifty percent of the City's costs for the vests are reimbursed by the the U.S. Department of Justice. Due to the contributions by the City and the Department of Justice, Officers do not have to pay the full costs of a vest which is a crucial part of personal protective gear.

FUTURE ACTION:
If Council authorizes Resolution No. 95-21 the Police Department Grant Programs Administrator will manage the grant award according to the terms and conditions detailed on the Bulletproof Vest Partnership website. Hard copies of the award notification or documentation are not sent to the Police Department. It is conducted entirely online.

FINANCIAL IMPACT STATEMENT:

The U.S. Department of Justice Bulletproof Vest Partnership will provide reimbursement up to $12,500 for vests purchased for eligible Police Officers, reducing the City's cost from $25,000 to $12,500.

CURRENT FISCAL YEAR TOTAL COST:
$25,000.
Fifty percent of vests costs are reimbursed to the City of Buckeye once vest purchases has been verified by Department of Justice.

BUDGETED:

Yes

FISCAL YEAR:
2021-2023

FUND/DEPARTMENT:
35732121-523106

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Grant Award
Memo - BVP Process.pdf
RES 95-21 Bulletproof Vest Partnership Award.pdf

APPLICATION DETAILS

APPLICATION PROFILE

Participant	BUCKEYE TOWN
Fiscal Year	2021
Number of Agencies Applied	0
Total Number of Officers for Application	104
Number of Officers on Approved Applications	104

APPLICATION PROFILE

Fiscal Year		2021
Vest Replacement Cycle		5
Number of Officers		104
Number of Emergency Replacement Needs	**Number of Stolen or Damaged**	1
	Number of Officer Turnover	6

APPLICATION DETAILS

NIJ#	Quantity	Unit Price	Extended Cost	Tax Shipping and Handling	Total Cost
AXIIIA	20	$923.00	$18,460.00	$1,540.00	$20,000.00
AXIIIAF-1	5	$923.00	$4,615.00	$385.00	$5,000.00
Grand Totals	**25**		**$23,075.00**	**$1,925.00**	**$25,000.00**

AWARD SUMMARY FOR FY2021 REGULAR SOLICITATION

Funds Type	Eligible Amount	Award	Date Approved	Status
Regular Fund	$25,000.00	$12,500.00	10/18/21	Approved by BVP
Grand Totals:	$25,000.00	$12,500.00		

RETURN

Federal Bulletproof Vest Grant Reimbursement Process

Bulletproof Vest Requirement

Pursuant to Policy 1024, all Buckeye Police Department ("BPD") Officers are required to wear body armor while in uniform, while involved in field activities, and in high-risk situations. For this reason all sworn officers, including reserve officers, are issued a full set of body armor (carrier and plate). A full set of body armor (carrier and plate) is also known as a "bulletproof vest."

Bulletproof Vest Issuance

The process officers follow to obtain a bulletproof vest is as follows:

Officers must go to FX Tactical and get fitted for a bulletproof vest including any additional accessories they prefer on the vest carrier. Once the vest is fitted and accessories are selected, officers purchase their vests on a City of Buckeye open purchase order with FX Tactical. Any dollar amount over $1,000 is the responsibility of the officer and must be paid out of pocket. Once paid the officer provides the receipt and the serial numbers from the vest panels to BPD. FX Tactical also provides a copy of the receipt and vest serial numbers for accuracy of purchases and tracking of PO amount remaining.

Partial Grant Reimbursement to Buckeye Police Department

BPD is eligible for partial reimbursement from the Department of Justice for its expenditure on bulletproof vests. This reimbursement has a matching requirement, which means the DOJ will reimburse 50% of BPD's expense. BPD spends up to $1000 per vest; therefore, it is eligible for reimbursement of up to $500 per vest.

Once the receipt for a bulletproof vest is received, the Grant Programs Administrator enters the vest serial number and cost for each vest into the DOJ vests database for vest serial number tracking and reimbursement of costs to the City of Buckeye. Funds for 50% of each vest purchased, up to $1,000 are sent to the City of Buckeye finance department to complete the grant reimbursement process.

For FY 2021, DOJ has awarded BPD up to $12,500, which represents 50% reimbursement for 25 bulletproof vests.

The DOJ grant comes with several conditions. Most importantly, the grant requires "uniquely fitted vests" and BPD complies with this requirement through the fitting process at FX Tactical. The grant also requires BPD to keep documentation supporting BVP vest application and payment requests for at least three years. The grant specifically prohibits BPD from applying other federal funds to meet the 50% match requirement.

RESOLUTION NO. 95-21

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, ACCEPTING AND APPROVING A GRANT FROM THE DEPARTMENT OF JUSTICE RELATING TO PARTIAL REIMBURSEMENT FOR THE PURCHASE OF BULLETPROOF VESTS FOR POLICE OFFICERS OF THE CITY OF BUCKEYE.

WHEREAS, pursuant to Policy 1024, the Buckeye Police Department ("BPD") requires all officers to wear approved body armor when in uniform or involved in field activities or high-risk situations; and

WHEREAS, BPD requires all body armor to meet or exceed the National Institute of Justice Threat Level III Standards, and provides one full set of approved body armor to every sworn officer; and

WHEREAS, the Department of Justice offers partial reimbursement to police departments for the cost of body armor, through the Patrick Leahy Bulletproof Vest Partnership (the "Partnership"); and

WHEREAS, for Fiscal Year 2021, the Partnership has awarded BPD a total grant of $12,500, representing a $500 reimbursement for each of 25 approved body armor purchases.

BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. The recitals above are hereby incorporated as if fully set forth herein.

Section 2. The FY 2021 Patrick Leahy Bulletproof Vest Partnership award to the Buckeye Police Department is hereby accepted and approved.

Section 3. The Mayor, the City Manager, the City Attorney, and the Police Chief are hereby authorized and directed to take any and all steps necessary to comply with the conditions of the award accepted and approved in Section 2 and to carry out the purpose and intent of this Resolution.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
Shiela B. Schmidt, City Attorney

JAG:jag 4311022.1 12/2/2021

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.N. Commercial Vehicle Code Amendment
DATE PREPARED: 12/16/21	**DISTRICT NO.:** ALL
STAFF LIAISON: Michael Saltz, Lieutenant - Legal Advisor, msaltz@buckeyeaz.gov, (623) 349-6417	
DEPARTMENT: Police	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Ordinance No. 19-21 declaring as a public record that document on file with the City Clerk entitled the "City of Buckeye Commercial Vehicle Amendments, December 2021"; adopting the "City of Buckeye Commercial Vehicle Amendments, December 2021" by reference; and amending the City of Buckeye Code, Chapter 12 Traffic Code, Article 12-2 Traffic Regulations, by amending Section 12-2-8 Commercial Vehicle Restrictions; providing for repeal of conflicting ordinances; providing for severability; providing for penalties; and declaring an emergency.

RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:
Article 12-2 Traffic Regulations Section 12-2-8 Commercial Vehicle; Weight Restrictions language will be changed as detailed in the City of Buckeye Commercial Vehicle Code Amendments

BENEFITS:
Language change will be more precise and provide clarification for commercial vehicle traffic regulations.

FUTURE ACTION:
No future action is required at this time.

FINANCIAL IMPACT STATEMENT:
No financial impact

CURRENT FISCAL YEAR TOTAL COST:
None

FISCAL YEAR:
2021

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
ORD 19-21 - Amending Commercial Vehicle Code.pdf
Commercial Vehicle Code Amendments for Ordinance 19-21 - Legislative Format (002).pdf

WHEN RECORDED RETURN TO:

City of Buckeye
ATTN: City Clerk, Lucinda J. Aja
530 East Monroe Avenue
Buckeye, Arizona 85326

ORDINANCE NO. 19-21

AN ORDINANCE BY THE MAYOR AND COUNCIL OF THE CITY OF BUCKEYE, DECLARING AS A PUBLIC RECORD THAT CERTAIN DOCUMENT ON FILE WITH THE CITY CLERK ENTITLED THE "CITY OF BUCKEYE COMMERCIAL VEHICLE AMENDMENTS, DECEMBER 2021"; ADOPTING THE "CITY OF BUCKEYE COMMERCIAL VEHICLE CODE AMENDMENTS, DECEMBER 2021" BY REFERENCE; AND AMENDING THE CITY OF BUCKEYE CODE, CHAPTER 12 TRAFFIC CODE, ARTICLE 12-2 TRAFFIC REGULATIONS, BY AMENDING SECTION 12-2-8 COMMERCIAL VEHICLE RESTRICTIONS; PROVIDING FOR REPEAL OF CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR PENALTIES; AND DECLARING AN EMERGENCY.

WHEREAS, that certain document entitled the "City of Buckeye Commercial Vehicle Code Amendments, December 2021," of which at least three paper copies or one paper copy and one electronic copy are on file in the Office of the City Clerk and open for public inspection during normal business hours, is hereby declared to be a public record and said copies are ordered to remain on file with the City Clerk; and

WHEREAS, the Mayor and City Council of the City of Buckeye, Arizona, believe that it is in the best interest of the City to amend various sections of the City Code of the City of Buckeye related to commercial vehicle restrictions to promote the health, safety and welfare of the City's residents.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. The recitals set forth above are hereby incorporated as if fully set forth herein.

Section 2. That certain document entitled the "City of Buckeye Commercial Vehicle Code Amendments, December 2021," is hereby referred to, adopted and made a part hereof as if fully set out in this Ordinance.

Section 3. The City Code is hereby amended by amending the sections referenced in the "City of Buckeye Commercial Vehicle Code Amendments, December 2021," as provided therein in Chapter 12 Traffic Code, Article 12-2 Traffic Regulations, by amending Section 12-2-8 Commercial Vehicle Restrictions.

Section 4. All ordinances and parts of ordinances in conflict with the provisions of this Ordinance or any part of the City Code are hereby repealed.

Section 5. If any section, subsection, sentence, clause, phrase or portion of this Ordinance or any part of the City Code adopted herein by reference, is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions thereof.

Section 6. Violations of any provision of Chapter 12, Article 12-2, Section 12-2-8 of the "City of Buckeye Commercial Vehicle Code Amendments, December 2021," adopted herein shall be subject to the enforcement provisions below:

F. The axle loads and the gross weight and loads of any truck or truck and load driven upon city streets shall not exceed the loads and weights set forth in A.R.S. §§ 28-1099 and 28-1100, the provisions of which are hereby adopted by this reference as though fully set forth herein word for word.

G. Any person driving any truck upon any street under the jurisdiction of the city shall be liable for all damage to any street, light or sign of the city as a result of any illegal operation, driving or moving of the truck, or as a result of operating, driving or moving any truck weighing or measuring in excess of the maximum weight provided in this section.

When the driver is not the owner of the truck, but is so operating, driving or moving the same with the express or implied permission of the owner, then the owner and driver shall be jointly and severally liable for any damage.

Such damage may be recovered in a civil action brought by the city.

H. A person in violation of the provisions of this section shall be

1. Subject to a civil sanction unless the ordinance defining the offense provides for a different classification.

2. Notwithstanding the provisions of subsection (3) of this section, a conviction for a violation of this section in which the weight is two thousand five hundred one pounds or greater is a class 1 misdemeanor.

3. A person who violates any provision of this section which is declared to be a civil traffic violation is subject to the civil sanction set forth in the following table. A second violation of any such provision within six months of a preceding civil judgment is a class 1 misdemeanor. In addition to any other penalties which the court may impose, in all cases the court shall impose the fine or civil sanction in the amount set forth in the following table:

IF THE EXCESS WEIGHT IS:	THE MINIMUM FINE OR CIVIL SANCTION IS:	
	SANCTION	CLASS 1
1,001 to 1,250 pounds	$ 50.00	$ 100.00
1,251 to 1,500 pounds	100.00	200.00
1,501 to 2,000 pounds	150.00	300.00
2,001 to 2,500 pounds	200.00	400.00
2,501 to 3,000 pounds		500.00
3,001 to 3,500 pounds		600.00
3,501 to 4,000 pounds		700.00
4,001 to 4,500 pounds		800.00
4,501 to 4,750 pounds		900.00
4,751 to 10,000 pounds		1,000.00
10,001 to 15,000 pounds		1,250.00
15,001 to 20,000 pounds		1,500.00
20,001 pounds and over		1,800.00

I. If any officer finds that the person has violated only the axle weight limitation and not the total weight limitation, the officer shall request the driver to reload the vehicle to comply with the axle weight limitation, and if the driver so complies, he shall not be subject to arrest or fine. If the driver does not comply with the request of the officer to reload, the driver shall be subject to a civil sanction.

J. The monetary penalties (base fees) collected under the provisions of this section shall be placed in a special fund account to be used for the enforcement of the provisions of this chapter and the regulations promulgated thereunder.

K. The prohibitions of this section shall not apply to trucks operating pursuant to a special permit for the movement of over-dimensional vehicles as permitted by law.

L. Notwithstanding this section, a person who operates or who causes, permits or authorizes the operation on the city's streets of a vehicle singly or in a vehicle

combination with a gross weight in excess of the vehicle's or vehicle combination's declared gross weight is guilty of a class 1 misdemeanor.

Section 7. The Mayor, the City Manager, the City Clerk and the City Attorney are hereby authorized and directed to take all steps and to execute all documents necessary to carry out the purpose and intent of this Ordinance.

Section 8. The immediate operation of the provisions of this Ordinance is necessary for the preservation of the public peace, health and safety of the City of Buckeye and an emergency is hereby declared to exist. This Ordinance shall be in full force and effect from and after its passage, adoption and approval by the City Council of the City of Buckeye.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

_____
Shiela Schmidt, City Attorney

CITY OF BUCKEYE COMMERCIAL VEHICLE CODE AMENDMENTS, DECEMBER 2021

Amending the City of Buckeye Code of Ordinances, Chapter 12 – TRAFFIC CODE, Article 12-2 – TRAFFIC REGULATIONS by amending Section 12-2-8 – Commercial Vehicle Restrictions, to read as follows:

Chapter 12 – TRAFFIC CODE

* * *

Article 12-2 – TRAFFIC REGULATIONS

* * *

Section 12-2-8 - Commercial Vehicle; Weight Restrictions

A. For purposes of this section, the following terms shall have the following meanings:

1. "Commercial vehicle" ~~means a truck tractor, trailer or semi-trailer, or any other truck or vehicle used for commercial purposes, whether or not in use, with a gross vehicle weight rating (GVWR) exceeding 26,000 pounds. City vehicles and governmental vehicles operating for governmental purposes are exempt from the restrictions in this section.~~ HAS THE SAME MEANING AS PRESCRIBED TO "COMMERCIAL MOTOR VEHICLE" IN A.R.S. § 28-5201, AS AMENDED.

2. "Declared gross weight" means the gross weight in pounds ascribed to a motor vehicle, trailer, semitrailer or vehicle combination by the applicant for registration.

3. "Gross weight" means the sum of the empty weight in pounds of a motor vehicle combination plus the weight in pounds of the maximum load to be carried on the motor vehicle combination at any one time, except that for tow trucks, gross weight means the sum of the empty weight in pounds of the tow truck plus the weight in pounds of operational supplies and equipment.

4. "Residential street" means any city street with residential structures on either side of the street. This definition does not include federal or state routes.

5. "~~Semi-trailer~~SEMITRAILER" means a vehicle that is with or without motive power that is designed for carrying persons or property and for being drawn by a motor vehicle and that is constructed so that some part of its weight and that of its load rests on or is carried by another vehicle.

6. "Street" means any alley, lane, court, boulevard, public way, public square, public place, public property, sidewalk or thoroughfare, including the entire width

between the boundary lines of every right-of-way, including improved or unimproved shoulder or berm.

7. "Trailer" means a vehicle that is with or without motive power that is designed for carrying persons or property and for being drawn by a motor vehicle and that is constructed so that no part of its weight rests on the towing vehicle. A semitrailer equipped with an auxiliary front axle commonly known as a dolly is deemed to be a trailer.

8. "Truck" means a motor vehicle designed or used primarily for the carrying of property other than the effects of the driver or passengers and includes a motor vehicle to which has been added a box, a platform or other equipment for such carrying.

9. "Truck tractor" means a motor vehicle that is designed and used primarily for drawing other vehicles and that is not constructed to carry a load other than a part of the weight of the vehicle and load drawn.

10. "Vehicle combination" means a motor vehicle and the trailers and semitrailer that it tows.

* * *

F. The axle loads and the gross weight and loads of any truck or truck and load driven upon city streets shall not exceed the loads and weights set forth in A.R.S. §§ 28-1099 and 28-1100, the provisions of which are hereby adopted by this reference as though fully set forth herein word for word.

G. Any person driving any truck upon any street under the jurisdiction of the city shall be liable for all damage to any street, light or sign of the city as a result of any illegal operation, driving or moving of the truck, or as a result of operating, driving or moving any truck weighing or measuring in excess of the maximum weight provided in this section.

When the driver is not the owner of the truck, but is so operating, driving or moving the same with the express or implied permission of the owner, then the owner and driver shall be jointly and severally liable for any damage.

Such damage may be recovered in a civil action brought by the city.

H. A person in violation of the provisions of this section shall be

1. Subject to a civil sanction unless the ordinance defining the offense provides for a different classification.

2. Notwithstanding the provisions of subsection (3) of this section, a conviction for a violation of this section in which the weight is two thousand five hundred one pounds or greater is a class 1 misdemeanor.

3. A person who violates any provision of this section which is declared to be a civil traffic violation is subject to the civil sanction set forth in the following table. A second violation of any such provision within six months of a preceding civil judgment is a class ~~2~~ 1 misdemeanor. ~~A second conviction for a criminal violation of said section within one year of the preceding conviction is a class 1 misdemeanor.~~ In addition to any other penalties which the court may impose, in all cases the court shall impose the fine or civil sanction in the amount set forth in the following table:

IF THE EXCESS WEIGHT IS:	THE MINIMUM FINE OR CIVIL SANCTION IS:		
	SANCTION	~~CLASS 2~~	CLASS 1
1,001 to 1,250 pounds	$ 50.00	~~$ 75.00~~	$ 100.00
1,251 to 1,500 pounds	100.00	~~150.00~~	200.00
1,501 to 2,000 pounds	150.00	~~225.00~~	300.00
2,001 to 2,500 pounds	200.00	~~300.00~~	400.00
2,501 to 3,000 pounds			500.00
3,001 to 3,500 pounds			600.00
3,501 to 4,000 pounds			700.00
4,001 to 4,500 pounds			800.00
4,501 to 4,750 pounds			900.00
4,751 ~~pounds and over~~ TO 10,000 POUNDS			1,000.00
10,001 TO 15,000 POUNDS			1,250.00
15,001 TO 20,000 POUNDS			1,500.00
20,001 POUNDS AND OVER			1,800.00

I. If any officer finds that the person has violated only the axle weight limitation and not the total weight limitation, the officer shall request the driver to reload the vehicle to comply

with the axle weight limitation, and if the driver so complies, he shall not be subject to arrest or fine. If the driver does not comply with the request of the officer to reload, the driver shall be subject to a civil sanction.

J. The monetary penalties (base fees) collected under the provisions of this section shall be placed in a special fund account to be used for the enforcement of the provisions of this chapter and the regulations promulgated thereunder.

K. The prohibitions of this section shall not apply to trucks operating pursuant to a special permit for the movement of over-dimensional vehicles as permitted by law.

L. Notwithstanding this section, a person who operates or who causes, permits or authorizes the operation on the city's streets of a vehicle singly or in a vehicle combination with a gross weight in excess of the vehicle's or vehicle combination's declared gross weight is guilty of a class ~~2~~ 1 misdemeanor ~~pursuant to A.R.S. § 28-5437~~.

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.O. PLZV-21-00035-Verrado Victory District Phase 3C Unit 1-Final Plat
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 6
STAFF LIAISON: Sean Banda, Senior Planner, sbanda@buckeyeaz.gov, (623) 349-6215	
DEPARTMENT: Development Services	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on a final plat of Verrado Victory District Phase 3C Unit 1, generally located on the northwest corner of Indian School Road and Exeter Boulevard within the Verrado Victory District.

RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

SUMMARY

PROJECT DESCRIPTION:

The applicant has requested approval of a final plat of Verrado Victory District Phase 3C Unit 1, consisting of 87 single-family lots on approximately 15 acres generally located on the northwest corner of Indian School Road and Exeter Boulevard within the Verrado Victory District. The associated preliminary plat was approved by the Planning and Zoning Commission on March 23, 2021. Approval of the requested final plat would enable the applicant to develop additional single-family homes in the Verrado Victory District. This request is in general conformance with the approved preliminary plat and the approved Verrado Community Master Plan. Reviewing departments (Planning, Engineering and Fire) have approved the request and the applicant has submitted a Certificate of Assured Water Supply pursuant to ARS 9-463.01.I. Requested by David Nilsen of Verrado ARC LLC.

BENEFITS:

The approval of the requested final plat would enable the applicant to develop additional single-family housing in the Verrado Victory District.

FUTURE ACTION:
NA

FINANCIAL IMPACT STATEMENT:
NA

CURRENT FISCAL YEAR TOTAL COST:
NA

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:

PLZV - 21-00035 Victory Verrado Ph 3C Unit 1 Final Plat - Narrative.pdf
PLZV-21-00035 - Verrado Victory District Ph 3C -Unit 1 Final PLat.pdf
PLZV-21-00035 - Vicinity Map.docx
VerradoVictoryPh3C_Certificate_Signed.pdf

1st Submittal

PLZV-21-00035

RECEIVED

APR 8 2021

CITY OF BUCKEYE by: WD

PAYMENT RECEIVED

APR 14 2021

CITY OF BUCKEYE by: wd

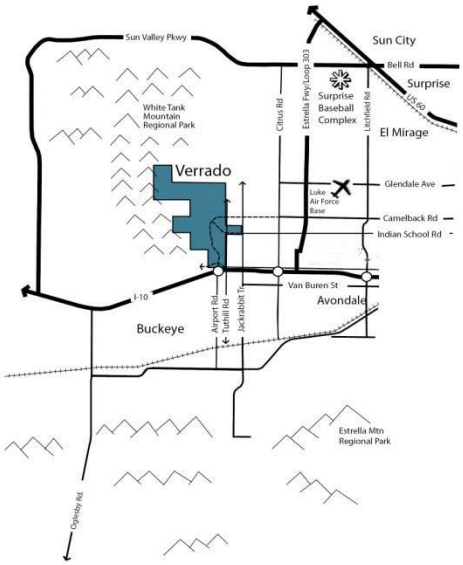
Verrado® Victory District

Final Plat – Phase 3C, Unit 1
Narrative
PLZV-20-00026
(March 31, 2021)

Background

Verrado is an 8,816 acre master planned community located north and south of I-10 and east and west of Verrado Way ("Verrado") as shown on ***Exhibit A***. In 1999, the City of Buckeye (the "City") approved the Pre-Annexation and Development Agreement (the "PADA") and the Community Master Plan ("CMP"), both of which provide the planning and zoning entitlement framework for Verrado.

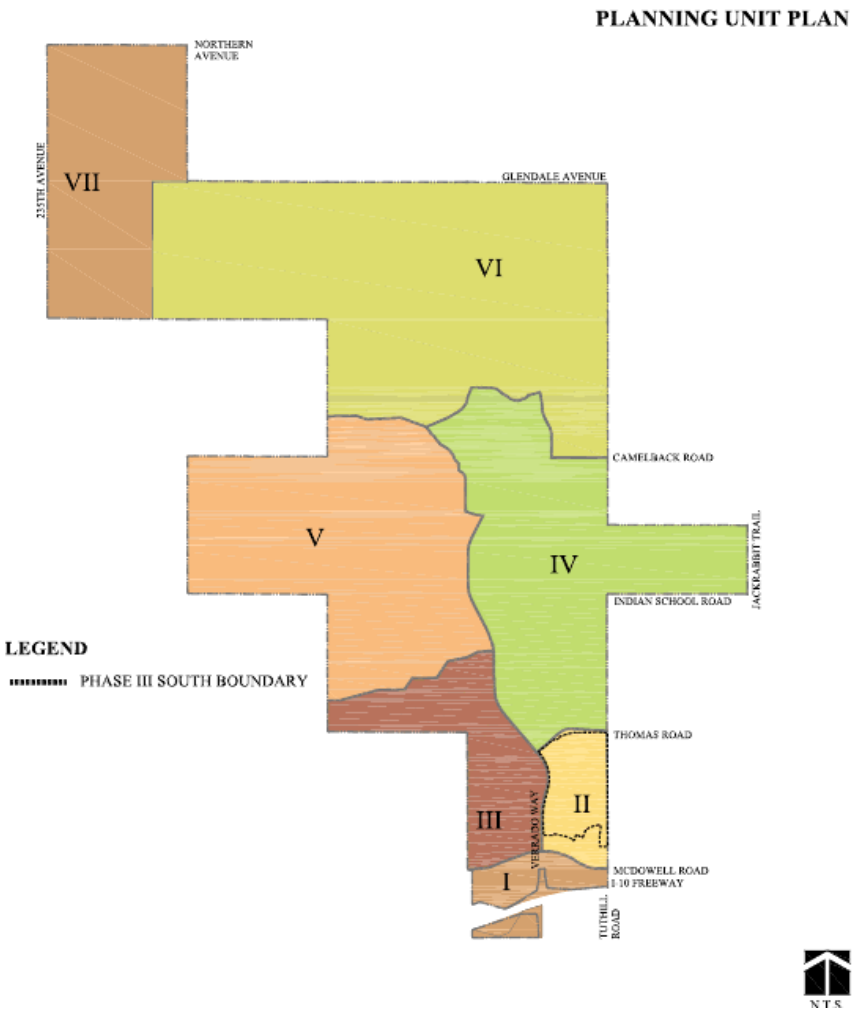
Exhibit A



In 2004, the City approved an amendment to the CMP that added an additional sixteen (16) acres to the entitlements. The CMP, as amended, allows for a maximum of 14,080 residential dwelling units, 4,234,550 square feet of commercial/mixed use and 1,000 resort rooms. A

Land Use Budget allocates these densities/intensities throughout the 8,816 acre property into seven (7) Planning Units as depicted in *Exhibit B*.

Exhibit B



Description of Request

The purpose of this submittal is to request the approval of the Final Plat for Phase 3C, Unit 1 of the Verrado Victory District ("Victory"). The proposed final plat consists of approximately fifteen (15) acres and is located at the northwest corner of Indian School Road and Exeter Boulevard (the "Property") as shown on *Exhibit C*. The parcel lies south of the platted Phase 3A and 3B parcels and abuts the Tuthill Channel along its easterly boundary.

The Final Plat will create eighty-seven (87) residential lots and multiple private tracts that will be utilized for neighborhood parks, trails and other such uses. The overall parcel will be final platted and developed in 3 separate phases called: Unit 1, 2 and 3. Each phase will be based on construction sequencing, maintaining two points of access and properly functioning utilities (wet and dry) from phase to phase.

Overall, Phase 3C has three (3) points of access: southerly access from Exeter Boulevard, and two northerly access points from the platted and constructed Phase 3A and 3B parcels. The final engineering design plans for Exeter Boulevard have been approved by the City of Buckeye and the Map of Dedication has been recorded. Construction of Exeter Boulevard to commence once the plans have been approved.

Streets in Phase 3C will be thirty-two (32) feet in width with a five foot attached sidewalk on one side only. A trail system will traverse through this subdivision and will connect with the existing trail system within the Tuthill Channel corridor.

Exhibit C



Background Victory District

The Victory District is in the area northern portions of Verrado located north of Indian School Road. Victory is an area in Verrado that is exclusively for active adults. This represents a unique opportunity to create a convergence of complementary lifestyles which will add to the diversity

and charm of Verrado. The Victory District has been planned with an emphasis on the following features:

1. Connectivity/Exclusivity in Balance
2. Emphasis on a safe and connected path and trail system within Victory which connects to Verrado and adjacent regional parks
3. Public play Golf Course
4. Age-Restricted Community Center which will be the hub of Victory and include uses such as a fitness center, pools, multi-purpose gathering spaces, kitchen, outdoor gathering spaces, tennis, pickleball and bocce courts and other such uses
5. Lifestyle programming

Consistent with planning for Verrado, DMB has conducted a significant amount of analysis and study on active adult communities with the goal of creating a place that will meet the needs of the active adult population, but also which will seamlessly blend into the community of Verrado. While Victory will have its own personality and qualities, separate and apart from the rest of Verrado, it will complement and blend so as to create the sense that you are still in the same place and that the community has developed organically over many years and phases. It will also be a place where all types of housing are available and individuals can live here from the first time homebuyer, to families to older adults.

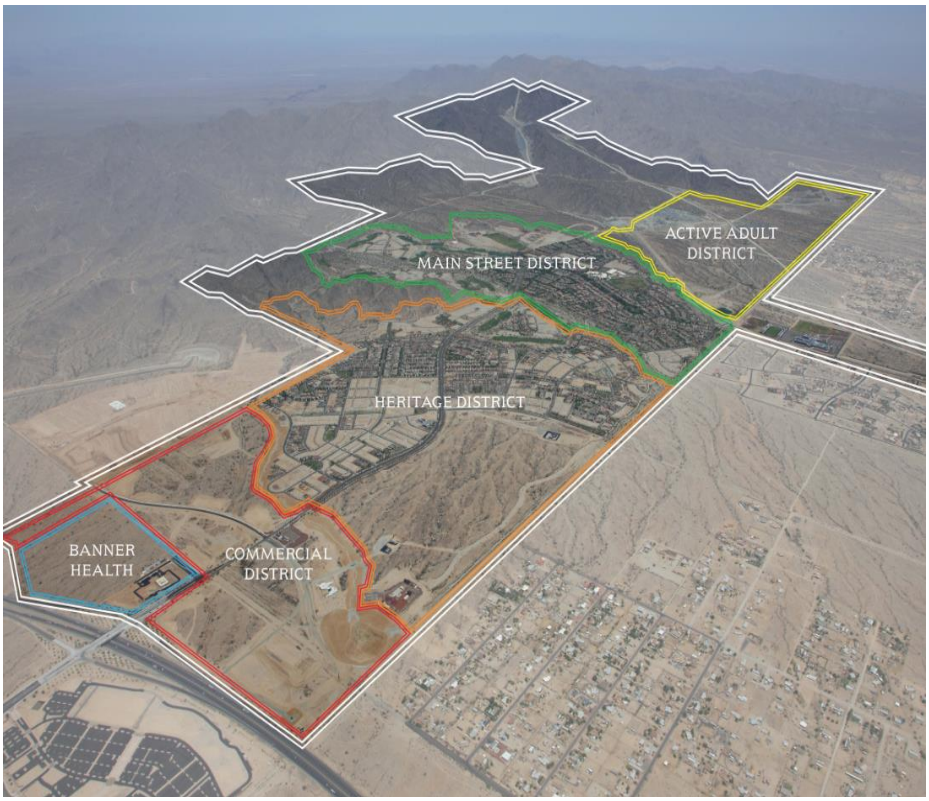
Current Site Conditions

The Property is currently undeveloped and consists of either undeveloped desert and/or areas of disturbed desert. Disturbed areas were utilized as part of the Caterpillar proving grounds operation which ceased operations approximately 30 years ago.

Current General Plan Designation

The entire 8,816 Verrado property is designated as *Master Planned Community* in the City of Buckeye General Plan (ratified by voters May 20, 2008) as shown in ***Exhibit E***. Additionally, portions of the Verrado property are show as Floodway Transition Areas. The updated Planning Unit Drainage Plan and Update to the Master Drainage Plan submittal addresses any drainage issues related to this land use designation.

Exhibit E



Current Zoning Designation

Verrado is zoned Planned Community District ("PC") with an approved CMP and PADA as noted above. The CMP identifies several Development Options which specify allowed uses and development criteria. In accordance with the CMP, Development Options are chosen at the time of preliminary plat approval. Development Options for the Phase 3C Preliminary Plat will be identified on the plat.

Planning Unit Plans

The CMP requires that a Planning Unit Environmental Design Plan ("PUEDP") be approved by the Planning Director. The purpose of the PUEDP is to provide more specificity in terms of generalized character of the area to be developed. The PUEDP addresses site conditions, paths and trails, public facilities, landscaping themes, signage, and lighting. Additionally, plans for drainage, water, sewer and transportation will be submitted concurrently with the final plats to ensure compliance with CMP requirements. A PUEDP for Victory has been approved.

The Victory District is located within two (2) planning units including Planning Units IV and VI.

Surrounding Vicinity Information

	North	South	East	West
Existing Use	Developed – Phase 3A & 3B	Undeveloped – Future Park	Tuthill Channel	Developed
Existing Zoning	PCD	PCD	PCD	PCD
Planning Unit Plan Designation	PU IV and VI	PU IV	PU IV	PU V
Verrado "Districts"	Victory	Main Street	Victory	Main Street

Water Management Plan

EPCOR Water[1] is the water service provider for Verrado. Zone 3 water systems will be extended from Exeter Boulevard to service the Property. Water storage will initially be provided by the Zone 3 South Reservoir. EPCOR Water will initiate the design and construction of the Zone 3 North Reservoir in the near future.

Wastewater Management Plan

EPCOR Water is also the wastewater service provider for Verrado. The wastewater distribution systems will be extended to service the Property from the proposed Tuthill sewer trunk line that directs the wastewater to the existing wastewater reclamation facility, located north of McDowell Road adjacent to the Tuthill Road alignment.

Fire & Police Protection

Fire, Police and emergency services are provided by the City. The Verrado Fire Station 703 is located approximately 2½ miles to the south of the Property at 2582 North Verrado Way. Station 703 is a joint fire/police station that was partially funded by Verrado through the donation of land as well as cash donation as specified in the PADA.

Impact on Local Schools

The Property is located within three (3) school districts including 1) the Litchfield Elementary School District, 2) the Agua Fria Union High School District, and 3) the Saddle Mountain Elementary School District. The proposed Preliminary Plat is in compliance with land use intensities allowed within the land use budget and further, will not impact the school districts by creating a need for additional schools because the project is age restricted. As part of the preliminary plat process, the districts will be notified of the proposed Preliminary Plat.

Transportation/Roadways

Exeter Boulevard, Hazelwood Avenue and 203rd Avenue provides access to Phase 3C. The residential streets have sidewalk on one side, five (5) feet in width. Local roadways will be

[1] EPCOR is a private utility provider service to Verrado and other areas in Maricopa County.

minimum width of thirty-two (32) feet back-of-curb, with parking allowed on both sides of the street.

Development Standards

The Final Plat illustrates 87 residential lots as well as several private "tracts" that will be used for several uses including neighborhood parks, trails and drainage. The residential lots will include different lot sizes resulting in use of several Development Options including Residential Medium and Residential High categories. Below is an abbreviated summary of the Development Options with proposed lot development standards:

Development Option	Lot Size (CMP)		Min. Width & Depth		Max. Lot Coverage	
	CMP	Prop.	CMP	Prop.	CMP	
Residential High	1,000	3,200 (40 x 80)	20'	40'	75%	
Residential Medium	3,500	3,600 (45 x 80)	50% of lots within subdivision shall be a min. of 40' and 50% a min. of 45'	40'	65%	
				45'	65%	

Verrado Design Guidelines

Design Guidelines for Victory have been developed to address the unique character that will be created in this portion of Verrado. The Victory design guidelines are similar to the existing Verrado Design Guidelines that are utilized to guide the unique architectural and land planning character that has made this community unique.

Summary

The proposed Final Plat represents Phase 3C, Unit 1 of the Victory District. Victory will blend in seamlessly with Verrado, yet will be developed with its own character and qualities which will ensure the success of the community. Overall, Victory will be internally and externally connected and will be developed with the same exacting standards as the existing portions of Verrado. The blending of different types of housing and generational housing will ensure Verrado continues to lead in creating a true mixed-use and sustainable community.

FINAL PLAT
FOR
"VERRADO VICTORY DISTRICT - PHASE 3C, UNIT 1"

A SUBDIVISION SITUATED IN A PART OF SECTION 19, TOWNSHIP 2 NORTH, RANGE 2 WEST, AND A RE-PLAT OF A PORTION OF TRACT "E" OF THE FINAL PLAT FOR "VERRADO VICTORY DISTRICT PHASE 3 - PARCEL 3B AND A RE-PLAT OF TRACT U PER VERRADO VICTORY DISTRICT - PHASE 3 - PARCEL 3A, RECORDED IN BK 1290, PG 35 MCR", RECORDED IN BOOK 1350, PAGE 3, MCR." LOCATED IN SECTION 19, TOWNSHIP 2 NORTH, RANGE 2 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA

DEDICATION

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT FIDELITY NATIONAL TITLE INSURANCE COMPANY, A FLORIDA CORPORATION, ACTING NOT IN ITS CORPORATE CAPACITY, BUT SOLELY AS TRUSTEE UNDER ITS TRUST NO. B176 ("TRUSTEE"), AS OWNER OF A PORTION OF THE LAND DESCRIBED HEREIN AND DMB WHITE TANK, LLC AN ARIZONA LIMITED LIABILITY COMPANY, AS OWNER OF A PORTION OF THE LAND DESCRIBED HEREIN, (OWNERS), AS OWNER OF A PORTION OF THE LAND DESCRIBED HEREIN, HAS SUBDIVIDED UNDER THE NAME OF "VERRADO VICTORY DISTRICT – PHASE 3C, UNIT 1" SITUATED IN A PART OF SECTION 19, TOWNSHIP 2 NORTH, RANGE 2 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA, AS SHOWN HEREON, AND HEREBY PUBLISHES THIS PLAT AS AND FOR THE FINAL PLAT OF SAID "VERRADO VICTORY DISTRICT – PHASE 3C, UNIT 1" AND HEREBY DECLARES THAT THIS PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE STREETS, LOTS, TRACTS AND EASEMENTS CONSTITUTING SAME, AND THAT THE STREETS, LOTS, TRACTS AND EASEMENTS SHALL BE KNOWN BY THE NUMBER, LETTER OR NAME GIVEN EACH RESPECTIVELY ON SAID PLAT AND THAT OWNERS, HEREBY DEDICATES TO THE PUBLIC FOR USE AS SUCH THE PUBLIC STREETS AND PUBLIC EASEMENTS AS SHOWN ON THIS PLAT AND INCLUDED IN THE ABOVE DESCRIBED PREMISES.

THE TERMS AND CONDITIONS OF THE FOREGOING DEDICATION OF PUBLIC STREETS ARE HEREBY MADE SUBJECT TO THE PROVISIONS OF THAT CERTAIN DEDICATION, EASEMENT AND MAINTENANCE AGREEMENT (VICTORY DISTRICT) RECORDED AS DOCUMENT NO. 2013-1046384 M.C.R AS SAME MAY BE AMENDED FROM TIME TO TIME (THE "DEMA") INCLUDING THE TERMS AND CONDITIONS OF CERTAIN EASEMENTS AND RIGHTS RESERVED FROM SUCH DEDICATION, THE TERMS AND CONDITIONS OF THE FOREGOING DEDICATION OF PUBLIC STREETS ARE HEREBY MADE SUBJECT TO THE PROVISIONS OF THE DEMA RELATIVE TO "RIGHT-OF-WAY" OR 'R.O.W," AND SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO AS ARE SPECIFICALLY SET FORTH IN SECTION 1.1 OF THE DEMA. THE DEMA IS INCORPORATED HEREIN AS IF SET FORTH IN ITS ENTIRETY, IT IS INTENDED THAT THIS PLAT AND THE DEMA BE READ TOGETHER TO THE EXTENT OF ALL APPLICABLE PROVISIONS OF THE DEMA.

ALL AREAS DESIGNATED HEREON AS "P.U.E" OR "PUBLIC UTILITY EASEMENT" SHALL BE UTILIZED ONLY FOR THE PURPOSES, AND SHALL BE SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO, SET FORTH IN SECTION 2.4 OF THE DEMA, AS IF THE PUBLIC UTILITY EASEMENTS WERE CREATED UNDER THE DEMA.

OWNERS, EACH TO ITS OWN LEGAL INTERESTS IN THE LAND DESCRIBED HEREIN, HEREBY GRANTS TO SOUTHWEST GAS CORPORATION, A CALIFORNIA CORPORATION ("SW GAS"), A SEPARATE EASEMENT FOR INSTALLATION AND MAINTENANCE OF NATURAL GAS PIPELINE OR PIPELINES AND APPURTENANCES OVER, UPON, AND ACROSS ALL AREAS DESIGNATED HEREON AS PUE, OR PUBLIC UTILITY EASEMENT AND ALL TRACTS REFLECTED HEREON, BUT ONLY TO THE EXTENT WITHIN AREAS CONTEMPLATED BY THE FINAL APPROVED APPLICABLE SW GAS IMPROVEMENT PLANS FOR THE SUBDIVISION, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH IN THE GRANT OF EASEMENT RECORDED AS INSTRUMENT NO 2017-0294149, M.C.R. AS IF SAID AREAS WERE EASEMENT PROPERTY THEREUNDER

OWNERS, EACH TO ITS OWN LEGAL INTERESTS IN THE LAND DESCRIBED HEREIN, HEREBY GRANTS TO THE CITY OF BUCKEYE FOR THE BENEFIT OF THE PUBLIC, A PERPETUAL VISIBILITY TRIANGLE EASEMENT OVER, UPON AND ACROSS ALL AREAS DESIGNATED HEREON AS "V.T.E." OR "VISIBILITY TRIANGLE EASEMENT" AND EACH SUCH EASEMENT AREA SHALL BE SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO, AS ARE SPECIFICALLY SET FORTH IN SECTION 2.7 OF THE DEMA.

OWNERS, EACH TO ITS OWN LEGAL INTERESTS IN THE LAND DESCRIBED HEREIN, HEREBY GRANTS TO THE CITY OF BUCKEYE FOR THE BENEFIT OF THE PUBLIC, A PERPETUAL SIGHT VISIBILITY EASEMENT OVER, UPON AND ACROSS ALL AREAS DESIGNATED HEREON AS "S.V.E." OR "SIGHT VISIBILITY EASEMENT", AND EACH SUCH EASEMENT AREA SHALL BE SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO, AS ARE SPECIFICALLY SET FORTH IN SECTION 2.8 OF THE DEMA.

OWNERS, EACH TO ITS OWN LEGAL INTERESTS IN THE LAND DESCRIBED HEREIN, HEREBY GRANTS TO THE CITY OF BUCKEYE FOR THE BENEFIT OF THE PUBLIC, A PERPETUAL LANDSCAPE AND SIDEWALK EASEMENT OVER, UNDER, UPON AND ACROSS EACH OF TRACTS "A-1", "B-1", "C-1", "D-1", "E-1", "F-1", "G-1", "H-1","I-1", "J-1", "K-1", "L-1", "N-1", "O-1", "P-1", "Q-1", "R-1", "S-1", "T-1", "U-1", "V-1", "W-1", "X-1", "Y-1" AND "Z-1", EACH SUCH EASEMENT AREA SHALL BE SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO, AS ARE SPECIFICALLY SET FORTH IN SECTION 2.6 OF THE DEMA; SUCH TRACTS BEING DESIGNATED AS "LANDSCAPE / SIDEWALK TRACTS" AS DESCRIBED IN SECTION 2.6 OF THE DEMA.

OWNERS, EACH TO ITS OWN LEGAL INTERESTS IN THE LAND DESCRIBED HEREIN, HEREBY GRANTS TO THE CITY OF BUCKEYE FOR THE BENEFIT OF THE PUBLIC, A PERPETUAL STORM DRAIN EASEMENT OVER, UPON AND ACROSS ALL AREAS DESIGNATED HEREON AS "SDE" OR "STORM DRAIN EASEMENT", AND EACH SUCH EASEMENT AREA SHALL BE UTILIZED ONLY FOR THE PURPOSES, AND SHALL BE SUBJECT TO ALL OF THE TERMS AND CONDITIONS RELATING THERETO, AS ARE SPECIFICALLY SET FORTH IN SECTION 2.10 OF THE DEMA.

IN WITNESS WHEREOF:

FIDELITY NATIONAL TITLE INSURANCE COMPANY, A FLORIDA CORPORATION, ACTING NOT IN ITS CORPORATE CAPACITY, BUT SOLELY AS TRUSTEE OF ITS TRUST NO. B176 AND DMB WHITE TANK, LLC AN ARIZONA LIMITED LIABILITY COMPANY, AS OWNERS OF THE LAND DESCRIBED HEREIN, HAS HEREUNTO CAUSED ITS NAME TO BE AFFIXED AND THE SAME TO BE ATTESTED BY THE SIGNATURES OF THE UNDERSIGNED DULY AUTHORIZED OFFICER. THE NAMES AND ADDRESSES OF THE BENEFICIARIES OF FIDELITY NATIONAL TITLE INSURANCE COMPANY TRUST NO. B176 ARE SET FORTH IN THE INSTRUMENT RECORDED AS INSTRUMENT NO. 2013-1028199, M.C.R.

FIDELITY NATIONAL TITLE INSURANCE COMPANY, A FLORIDA CORPORATION, ACTING NOT IN ITS CORPORATE CAPACITY, BUT SOLELY AS TRUSTEE OF ITS TRUST NO. B176

BY: _____

ITS: _____

DMB WHITE TANK, LLC AN ARIZONA LIMITED LIABILITY COMPANY

BY: _____
DMB ASSOCIATES, INC., AN ARIZONA CORPORATION

ITS: _____
MANAGER

ACKNOWLEDGMENT

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 20___, BY _____, THE _____, OF FIDELITY NATIONAL TITLE INSURANCE COMPANY, A FLORIDA CORPORATION, ACTING NOT IN ITS CORPORATE CAPACITY, BUT SOLELY AS TRUSTEE OF ITS TRUST NO. B176, ON BEHALF OF THE CORPORATION.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

ACKNOWLEDGMENT

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 20___, BY _____, THE _____, OF DMB ASSOCIATES, INC., AN ARIZONA CORPORATION, THE MANAGER OF DMB WHITE TANK, LLC, AN ARIZONA LIMITED LIABILITY COMPANY, FOR AND ON BEHALF THEROF.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

RATIFICATION AND APPROVAL

THE UNDERSIGNED, DULY ELECTED _____, ON BEHALF OF THE BOARD OF DIRECTORS OF VERRADO COMMUNITY ASSOCIATION, INC., AN ARIZONA NONPROFIT CORPORATION, AS REQUIRED BY THE CHARTER, RATIFIES AND APPROVES THIS PLAT AND APPROVES ALL DESIGNATIONS OF AREAS OF COMMON RESPONSIBILITY SET FORTH HEREIN.

BY: _____

ITS: _____

ACKNOWLEDGMENT

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____, 20___, BY _____, THE _____, OF VERRADO COMMUNITY ASSOCIATION, INC., AN ARIZONA NON-PROFIT CORPORATION, ON BEHALF OF THE NON-PROFIT CORPORATION.

_____
NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

APPROVAL

APPROVED BY THE COUNCIL OF THE CITY OF BUCKEYE ON THIS ____ DAY OF _____, 20___.

BY: _____
MAYOR

ATTEST: _____
CITY CLERK

I HEREBY CERTIFY THAT ALL ENGINEERING CONDITIONS AND REQUIREMENTS OF THE CMP, INCLUDING ALL MAJOR AND MINOR AMENDMENTS THERETO, HAVE BEEN COMPLIED WITH.

BY: _____ DATE: _____
BUCKEYE CITY ENGINEER

I HEREBY CERTIFY THAT THIS PLAT SUBSTANTIALLY CONFORMS TO THE APPROVED PRELIMINARY PLAT AND THAT ALL TRACTS SHOWN UPON THIS PLAT CONFORM TO THE VERRADO (FORMERLY CATERPILLAR) COMMUNITY MASTER PLAN APPROVED BY THE CITY OF BUCKEYE AND INCORPORATED BY REFERENCE INTO THAT CERTAIN PRE-ANNEXATION AND DEVELOPMENT AGREEMENT BY AND BETWEEN THE CITY OF BUCKEYE AND DMB WHITE TANK, LLC, AN ARIZONA LIMITED LIABILITY COMPANY, RECORDED AS DOCUMENT NO 99-1071208, M.C.R. THE "CMP", INCLUDING ALL MAJOR AND MINOR AMENDMENTS THERETO, AND ARE SUITABLE FOR THE PURPOSE FOR WHICH THEY ARE SUBDIVIDED.

BY: _____ DATE: _____
DEVELOPMENT SERVICES DIRECTOR

CMP DEVELOPMENT OPTION

ALL SETBACKS SHALL CONFORM TO THE CMP, INCLUDING ALL MAJOR AND MINOR AMENDMENTS THERETO, DEVELOPMENT OPTION – RESIDENTIAL MEDIUM AND RESIDENTIAL LOW.

NOTES

1. THE LAND DESCRIBED HEREIN IS OR WILL BE SUBJECT TO THE COVENANTS, CONDITIONS, RESTRICTIONS AND OTHER PROVISIONS CONTAINED IN THAT CERTAIN COVENANT FOR COMMUNITY FOR VERRADO RECORDED IN DOCUMENT NO. 2003-0531387, M.C.R., AS SAME MAY BE AMENDED FROM TIME TO TIME, AND IS OR WILL BE SUBJECT TO THAT CERTAIN COMMUNITY CHARTER FOR VERRADO (THE "CHARTER") RECORDED IN DOCUMENT NO. 2002-1008906, M.C.R., AS SAME MAY BE AMENDED FROM TIME TO TIME AND IS OR WILL BE SUBJECT TO THAT CERTAIN DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR THE VICTORY DISTRICT (THE "VICTORY CC&R'S") RECORDED IN DOCUMENT NO. 2014-0004847, M.C.R., AS SAME MAY BE AMENDED FROM TIME TO TIME. PURSUANT TO THE CHARTER, VERRADO COMMUNITY ASSOCIATION, INC., AN ARIZONA NONPROFIT CORPORATION (THE "COMMUNITY ASSOCIATION") WAS FORMED TO, AMONG OTHER THINGS, GOVERN THE USE AND MAINTENANCE OF PORTIONS OF THE "VILLAGE" AS DEFINED IN THE CHARTER. PURSUANT TO THE VICTORY CC&R'S, VICTORY DISTRICT ASSOCIATION, INC., AN ARIZONA NONPROFIT CORPORATION (THE "VICTORY ASSOCIATION") WAS FORMED TO, AMONG OTHER THINGS, GOVERN THE USE AND MAINTENANCE OF PORTIONS OF THE "VICTORY DISTRICT" AS DEFINED IN THE VICTORY CC&R'S. ALL OWNERS OF LOTS SHALL BE MEMBERS OF BOTH THE COMMUNITY ASSOCIATION AND THE VICTORY ASSOCIATION. ALL TRACTS ARE AREAS OF COMMON RESPONSIBILITY.
2. CONSTRUCTION WITHIN UTILITY EASEMENTS, EXCEPT BY PUBLIC AGENCIES AND UTILITY COMPANIES, SHALL BE LIMITED TO WOOD, WIRE, OR REMOVABLE SECTION-TYPE FENCING AND MUST BE IN CONFORMANCE WITH THE CHARTER.
3. ALL SETBACKS SHALL CONFORM WITH THE CMP, INCLUDING ALL MAJOR AND MINOR AMENDMENTS THERETO.
4. THE LAND DESCRIBED IN THIS PLAT IS LOCATED WITHIN THE SERVICE AREA OF EPCOR WATER ARIZONA INC. CERTIFICATE OF ASSURED WATER SUPPLY NO. ADWR#_____ FOR "VERRADO VICTORY DISTRICT – PHASE 3C, UNIT 1" HAS BEEN SUBMITTED WITH THE PLAT.
5. ALL TRACTS IDENTIFIED AS AREAS OF COMMON RESPONSIBILITY SHALL BE CONVEYED TO THE COMMUNITY ASSOCIATION, AND SHALL BE MAINTAINED AS AREAS OF COMMON RESPONSIBILITY BY THE COMMUNITY ASSOCIATION AND SHALL NOT BE ACCEPTED FOR MAINTENANCE OR OWNERSHIP BY THE CITY.
6. THE LAND DESCRIBED IN THIS PLAT IS SUBJECT TO THAT CERTAIN DECLARATION OF COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS RELATING TO TELECOMMUNICATIONS RECORDED AS DOCUMENT NO. 2002-1008905, M.C.R" AS SAME MAY BE AMENDED FROM TIME TO TIME.
7. REFERENCE THE "RESULTS OF SURVEY, VERRADO" RECORDED IN BOOK 602, PAGE 30, M.C.R., FOR THE DOCUMENTATION REGARDING THE BASIS OF BEARING FOR THIS PLAT, THE PROJECT BOUNDARY FOR VERRADO AND RELATED SECTION CORNER AND SECTION LINE INFORMATION.
8. ALL CORNERS SHALL BE MONUMENTED WITH 1/2" REBAR AND CAPPED OR TAGGED. BEARING THE REGISTRATION NUMBER OF THE SURVEYOR RESPONSIBLE FOR THEIR PLACEMENT AT TIME OF CONSTRUCTION.
9. NO TREES ARE ALLOWED WITHIN THE VISIBILITY TRIANGLE EASEMENT AREA OR SIGHT VISIBILITY EASEMENT. NO OBJECT, WALL, STRUCTURE, MOUND OR LANDSCAPING (MATURE) OVER 24" IN HEIGHT IS ALLOWED WITHIN THE VISIBILITY TRIANGLE EASEMENT AREA. TREE CANOPIES OVERHANGING THE VISIBILITY TRIANGLE EASEMENT AREA AND SIGHT VISIBILITY EASEMENT SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7 FEET.
10. PURSUANT TO AND SUBJECT TO THE PROVISIONS OF SECTION 13.8 OF THE CHARTER, AN EASEMENT IS ESTABLISHED OVER THE PORTIONS OF THE TRACTS DESIGNATED AS TRACTS "F-1", "G-1", "I-1", "K-1", "O-1", "P-1", "S-1" AND "X-1" THAT ARE NOT ADJOINING AN AREA SUBJECT TO A VEHICULAR NON-ACCESS EASEMENT PROVIDING PEDESTRIAN AND VEHICULAR ACCESS TO THE LOTS AND, SUBJECT TO FIRST OBTAINING ALL NECESSARY APPROVALS REQUIRED BY THE CHARTER, GRANTING OWNERS OF SUCH LOTS THE RIGHT TO INSTALL DRIVEWAY AND UNDERGROUND UTILITY IMPROVEMENTS TRANSECTING THE TRACTS.
11. THE SUBDIVISION DEPICTED ON THIS PLAT IS LOCATED WITHIN TERRITORY, IN THE VICINITY OF A MILITARY AIRPORT (LUKE AIR FORCE BASE) AND MAY BE SUBJECT TO INCREASED NOISE, ACCIDENT POTENTIAL AND JET AIRCRAFT OVERFLIGHTS, AS PER INSTRUMENT NUMBER 2001-0743413.
12. DEVELOPMENT WITHIN THIS SUBDIVISION WILL COMPLY WITH THE APPLICABLE FIRE CODES REGARDING SUPPRESSION, PURSUANT TO CITY OF BUCKEYE CODE 152-10, SECTION 903.2.8.
13. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND EXCEPT POWER LINES 69KV AND LARGER.

FLOODPLAIN INFORMATION

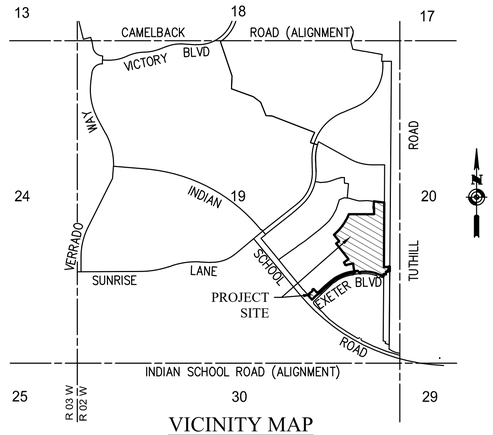
THE MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 04013C1665L, 04013C2110L, AND 04013C2130L DATED OCTOBER 16, 2013 INDICATES THAT THE SITE FALLS WITHIN ZONES "AE", AND "X" (SHADED).

ZONE "AE" IS DEFINED BY FEMA AND PER THE FIRM PANEL AS FOLLOWS:
SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD; BASE FLOOD ELEVATIONS DETERMINED.

ZONE "X" (SHADED) IS DEFINED BY FEMA AND PER THE FIRM PANEL AS FOLLOWS:
AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FORM 1% ANNUAL CHANCE FLOOD.

PROJECT SUMMARY

RESIDENTIAL	AREA (Acres)
LOT AREAS	7.5788
TRACTS	4.7819
RIGHT OF WAY AREA	2.6402
"VERRADO VICTORY DISTRICT – PHASE 3C, UNIT 1" TOTAL	15.0009 AC



VICINITY MAP
SECTION 19, T2N, R2W
NOT TO SCALE

PROPERTY OWNERS

FIDELITY NATIONAL TITLE
14000 N. PIMA ROAD, SUITE 100
SCOTTSDALE, ARIZONA 85260
TEL (480) 367-7619
CONTACT: DAVE NILSEN
EMAIL: DNILSEN@DMBINC.COM

DMB WHITE TANK, LLC
6263 N. SCOTTSDALE ROAD, SUITE 330
SCOTTSDALE, ARIZONA 85288
TEL: (480) 367-7619
CONTACT: DAVE NILSEN
EMAIL: DNILSEN@DMBINC.COM

ENGINEER/SURVEYOR

HUITT-ZOLLARS, INC
5050 N. 40TH STREET, SUITE 100
PHOENIX, AZ. 85018
TEL (602) 252-8384, EXT. 11304
FAX (602) 252-8385
CONTACT: DENNIS HARMON, JR
EMAIL: DHARMON@HUITT-ZOLLARS.COM

BASIS OF BEARING

THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 2 NORTH, RANGE 2 WEST, OF THE GILA & SALT RIVER BASE & MERIDIAN, HAVING A BEARING OF SOUTH 89°52'23" WEST, AS SHOWN ON RESULTS OF SURVEY RECORDED IN BOOK 602 OF MAPS, PAGE 30, RECORDS OF MARICOPA COUNTY, ARIZONA.

SURVEY BENCHMARK

MARICOPA COUNTY GEODETIC CONTROL MONUMENT
BRASS CAP FLUSH IN CONCRETE
NATIONAL GEODETIC SURVEY PID BBCM34
PROJECT BASED ON NGVD29 DATUM=1063.15
LOCATED 430 FEET SOUTH OF SOUTH OFFRAMP OF JACKRABBIT ROAD OFF-10
7 FEET NORTH OF CANAL ACCESS GATE
7 FEET WEST OF GUARDRAIL ON WEST SIDE OF JACKRABBIT ROAD
PROJECT DATA (NGVD29) +2.04=NAVD 88

VERRADO SITE BENCHMARK #1
BRASS MONUMENT ON HEADWALL AT INDIAN SCHOOL ROAD
AND VERRADO WAY = 1305.85 (NGVD29 DATUM)

VERRADO SITE BENCHMARK #2
BRASS MONUMENT ON HEADWALL AT INDIAN SCHOOL ROAD
AND ACACIA WAY = 1219.86 (NGVD29 DATUM)

PLZV-21-00035

3RD REVIEW
RECEIVED
Oct 27 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

SHEET INDEX

SHEET 1	COVER, APPROVALS, NOTES, PROJECT SUMMARY AND SITE INFO
SHEET 2	BOUNDARY & KEY MAP AND LINE & CURVE TABLES
SHEET 3	LEGEND, LOT AREA AND TRACT AREA & USE TABLE, AND DETAILS
SHEET 4 – 5	PLAT SHEETS

SURVEYOR'S CERTIFICATION

I, DENNIS HARMON, JR., A DULY REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, DO HEREBY CERTIFY THAT THE SUBDIVISION PLATTED HEREON, CONSISTING OF FIVE (5) SHEETS, HAS BEEN PREPARED FROM A SURVEY MADE UNDER MY DIRECT SUPERVISION DURING THE MONTH OF MARCH 2020, AND ACCURATELY REPRESENTS THE PROPERTY DESCRIBED HEREON. I FURTHER CERTIFY THAT THE EXTERIOR BOUNDARIES OF SAID SUBDIVISION ARE, OR WILL BE MONUMENTED IN ACCORDANCE WITH THE "ARIZONA BOUNDARY SURVEY MINIMUM STANDARDS" ADOPTED ON 13 FEBRUARY 2002, AND THAT THE SIZE, LOCATION AND MATERIAL AS SHOWN HEREON ARE ACCURATE AS OF THE DATE OF THIS CERTIFICATION.

REGISTERED LAND SURVEYOR
68083
DENNIS
HARMON JR.
10/21/21
Signed
ARIZONA U.S.A.

DENNIS HARMON, JR., RLS
ARIZONA R.L.S. 68083

10/21/2021
DATE

EXPIRES 03/31/2022

SEE SHEET 2 - KEY MAP AND LINE & CURVE TABLES
SEE SHEET 3 - LEGEND, LOT, TRACT & RIGHT OF WAY TABLES

AREA 15.0009 AC

PLZV - 21-00035

SHEET 1 OF 5

G:\projects\R311900.01 - Victory Parcel 3C Prelim Plat\10 CADD & BIM\10.13 Survey\DWG\PH3C U1\311900S-FP01.dwg

Job No: R311900.01

Date: 10/21/2021

HUITT-ZOLLARS
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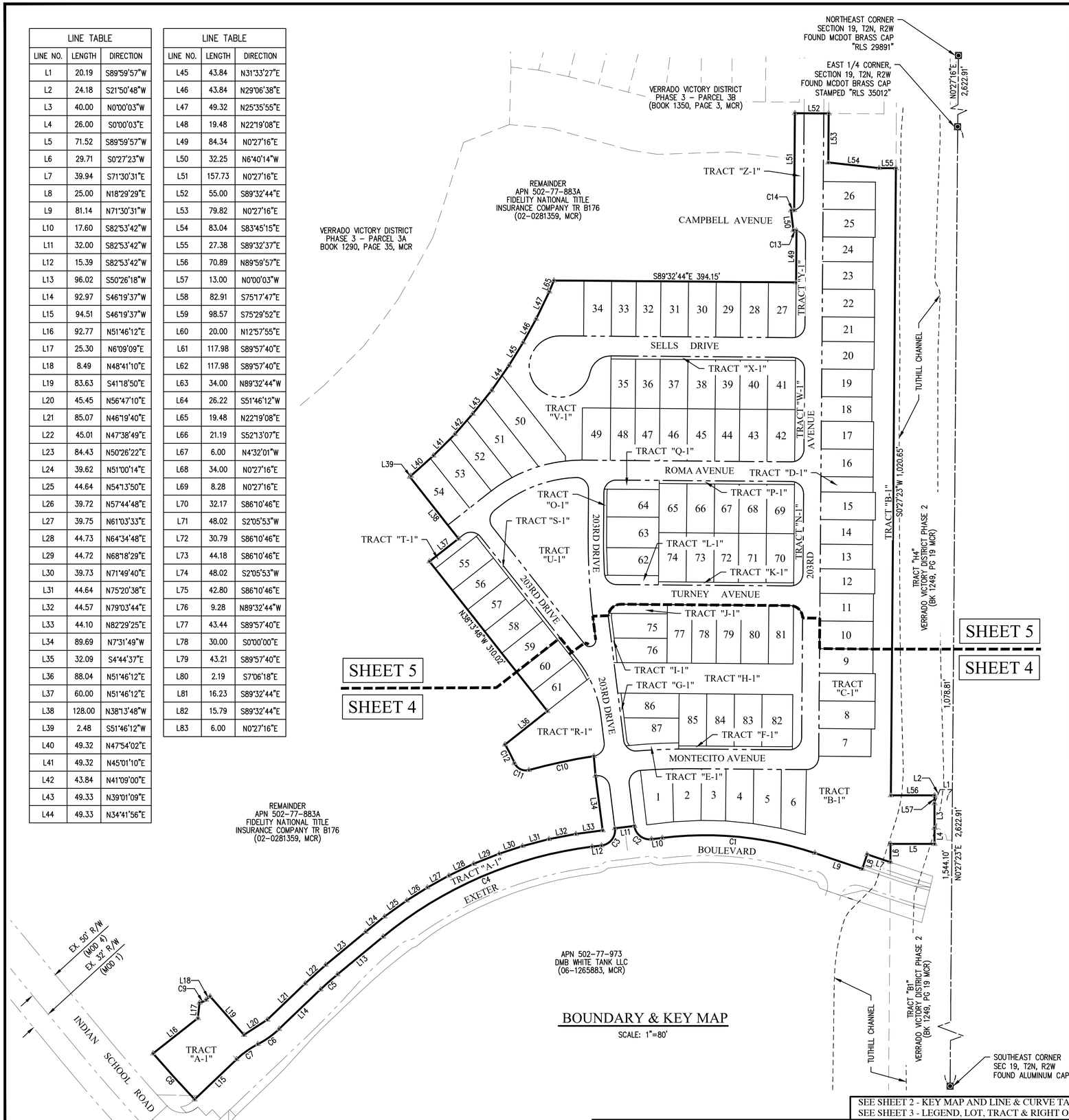
Office (928) 445-5595
www.huitt-zollars.com
ADVANCEDESIGN™
Land Planning • Hydrology • Land Development • Civil Engineering • Surveying

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	20.19	S89°59'57"W
L2	24.18	S21°50'48"W
L3	40.00	N0°00'03"W
L4	26.00	S0°00'03"E
L5	71.52	S89°59'57"W
L6	29.71	S0°27'23"W
L7	39.94	S71°30'31"E
L8	25.00	N18°29'29"E
L9	81.14	N71°30'31"W
L10	17.60	S82°53'42"W
L11	32.00	S82°53'42"W
L12	15.39	S82°53'42"W
L13	96.02	S50°26'18"W
L14	92.97	S46°19'37"W
L15	94.51	S46°19'37"W
L16	92.77	N51°46'12"E
L17	25.30	N6°09'09"E
L18	8.49	N48°41'10"E
L19	83.63	S41°18'50"E
L20	45.45	N56°47'10"E
L21	85.07	N46°19'40"E
L22	45.01	N47°38'49"E
L23	84.43	N50°26'22"E
L24	39.62	N51°00'14"E
L25	44.64	N54°13'50"E
L26	39.72	N57°44'48"E
L27	39.75	N61°03'33"E
L28	44.73	N64°34'48"E
L29	44.72	N68°18'29"E
L30	39.73	N71°49'40"E
L31	44.64	N75°20'38"E
L32	44.57	N79°03'44"E
L33	44.10	N82°29'25"E
L34	89.69	N7°31'49"W
L35	32.09	S4°44'37"E
L36	88.04	N51°46'12"E
L37	60.00	N51°46'12"E
L38	128.00	N38°13'48"W
L39	2.48	S51°46'12"W
L40	49.32	N47°54'02"E
L41	49.32	N45°01'10"E
L42	43.84	N41°09'00"E
L43	49.33	N39°01'09"E
L44	49.33	N34°41'56"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L45	43.84	N31°33'27"E
L46	43.84	N29°06'38"E
L47	49.32	N25°35'55"E
L48	19.48	N22°19'08"E
L49	84.34	N0°27'16"E
L50	32.25	N6°40'14"W
L51	157.73	N0°27'16"E
L52	55.00	S89°32'44"E
L53	79.82	N0°27'16"E
L54	83.04	S83°45'15"E
L55	27.38	S89°32'37"E
L56	70.89	N89°59'57"E
L57	13.00	N0°00'03"W
L58	82.91	S75°17'47"E
L59	98.57	S75°29'52"E
L60	20.00	N12°57'55"E
L61	117.98	S89°57'40"E
L62	117.98	S89°57'40"E
L63	34.00	N89°32'44"W
L64	26.22	S51°46'12"W
L65	19.48	N22°19'08"E
L66	21.19	S52°13'07"E
L67	6.00	N4°32'01"W
L68	34.00	N0°27'16"E
L69	8.28	N0°27'16"E
L70	32.17	S86°10'46"E
L71	48.02	S2°05'53"W
L72	30.79	S86°10'46"E
L73	44.18	S86°10'46"E
L74	48.02	S2°05'53"W
L75	42.80	S86°10'46"E
L76	9.28	N89°32'44"W
L77	43.44	S89°57'40"E
L78	30.00	S0°00'00"E
L79	43.21	S89°57'40"E
L80	2.19	S7°06'18"E
L81	16.23	S89°32'44"E
L82	15.79	S89°32'44"E
L83	6.00	N0°27'16"E

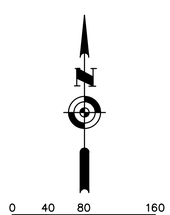


BOUNDARY & KEY MAP

SCALE: 1"=80'

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C1	563.50'	25°35'46"	251.74'	249.65	N84°18'24"W
C2	25.00'	90°00'00"	39.27'	35.36	S52°06'18"E
C3	25.00'	90°00'00"	39.27'	35.36	N37°53'42"E
C4	663.50'	32°27'24"	375.86'	370.85	S66°40'00"W
C5	514.00'	4°06'42"	36.89'	36.88	S48°22'57"W
C6	150.00'	16°15'37"	42.57'	42.43	N54°27'25"E
C7	150.00'	16°15'37"	42.57'	42.43	S54°27'25"W
C8	2,999.00'	1°55'29"	100.75'	100.74	S42°06'00"E
C9	20.00'	34°05'40"	11.90'	11.73	N65°44'00"E
C10	966.00'	6°24'39"	108.09'	108.03	S77°54'43"W
C11	20.00'	81°11'47"	28.34'	26.03	S64°41'43"E
C12	316.00'	6°10'43"	34.08'	34.06	N27°11'11"W
C13	20.00'	14°42'40"	5.14'	5.12	N82°11'24"W
C14	20.00'	14°28'39"	5.05'	5.04	N83°12'57"E
C15	15.00'	39°43'44"	10.40'	10.19	S26°58'10"E
C16	950.00'	9°24'32"	156.00'	155.83	S85°45'07"W
C17	225.00'	38°41'05"	151.91'	149.04	S71°06'44"W
C18	200.00'	31°07'31"	108.65'	107.32	N22°40'03"W
C19	1,000.00'	7°33'34"	131.94'	131.84	S3°19'31"E
C20	20.00'	88°13'20"	30.80'	27.84	N37°00'22"E
C21	20.00'	92°00'35"	32.12'	28.78	N53°06'36"W
C22	20.00'	92°35'48"	32.32'	28.92	S39°11'37"W
C23	20.00'	87°35'35"	30.58'	27.68	S50°54'05"E
C24	966.00'	5°09'15"	86.90'	86.87	S87°52'45"W
C25	934.00'	4°57'52"	80.93'	80.90	S87°58'27"W
C26	20.00'	90°00'06"	31.42'	28.28	N45°27'19"E
C27	20.00'	90°00'06"	31.42'	28.28	N45°27'19"E
C28	20.00'	90°00'00"	31.42'	28.28	N44°32'44"W
C29	20.00'	90°00'00"	31.42'	28.28	N45°27'16"E
C30	20.00'	90°00'00"	31.42'	28.28	N44°32'44"W
C31	20.00'	90°00'00"	31.42'	28.28	N45°27'16"E
C32	20.00'	90°00'00"	31.42'	28.28	N44°32'44"W
C33	20.00'	90°00'00"	31.42'	28.28	N45°27'16"E
C34	20.00'	90°00'00"	31.42'	28.28	N44°32'44"W
C35	20.00'	90°00'00"	31.42'	28.28	N45°27'16"E
C36	35.00'	78°27'47"	47.93'	44.27	S51°13'23"W
C37	50.00'	258°27'47"	225.55'	77.46	S38°46'37"E
C38	20.00'	90°00'00"	31.42'	28.28	S45°27'16"W
C39	20.00'	93°02'52"	32.48'	29.03	N46°04'10"W
C40	241.00'	38°41'06"	162.72'	159.64	S71°06'44"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C41	213.00'	35°38'12"	132.48'	130.36	S69°35'18"W
C42	20.00'	90°00'00"	31.42'	28.28	N83°13'48"W
C43	20.00'	90°00'00"	31.42'	28.28	S6°46'12"W
C44	184.00'	31°07'31"	99.96'	98.73	N22°40'03"W
C45	10.00'	148°52'29"	25.98'	19.27	N67°19'57"E
C46	20.00'	97°33'34"	34.05'	30.09	S41°40'29"W
C47	20.00'	86°30'15"	30.20'	27.41	S46°17'36"E
C48	984.00'	3°29'45"	60.04'	60.03	S1°17'36"E
C49	1,009.00'	7°33'34"	133.12'	133.03	S3°19'31"E
C50	15.00'	19°28'16"	5.10'	5.07	N47°57'56"W
C51	179.00'	11°22'44"	35.55'	35.49	N32°32'26"W
C52	15.00'	19°47'28"	5.18'	5.16	N79°39'00"W
C53	15.00'	15°58'32"	4.18'	4.17	S11°01'44"E
C54	979.00'	1°05'57"	18.78'	18.78	S0°05'42"E
C55	15.00'	19°28'16"	5.10'	5.07	S10°11'25"W
C56	15.00'	19°47'28"	5.18'	5.16	N79°39'00"W
C57	15.00'	19°47'28"	5.18'	5.16	N80°33'32"E
C58	15.00'	27°01'50"	7.08'	7.01	S6°24'38"W
C59	15.00'	19°47'34"	5.18'	5.16	N80°33'35"E
C60	976.00'	4°42'03"	80.07'	80.05	S86°59'58"W
C61	970.00'	0°57'06"	16.11'	16.11	S85°17'09"W
C62	976.00'	0°57'42"	16.38'	16.38	S85°16'44"W
C63	973.00'	0°12'13"	3.46'	3.46	S3°59'46"E
C64	973.00'	0°14'10"	4.01'	4.01	S3°25'19"E





EXPIRES 03/31/2022

SEE SHEET 2 - KEY MAP AND LINE & CURVE TABLES
SEE SHEET 3 - LEGEND, LOT, TRACT & RIGHT OF WAY TABLES

AREA 15.0009 AC

PLZV - 21-00035

SHEET 2 OF 5

Job No: R311900.01

Date: 10/21/2021

G:\projects\R311900.01 – Victory Parcel 3C Prelim Plat\10 CADD & BIM\10.13 Survey\DWG\PH3C U1\311900S-FP02.dwg

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LEGEND

◙	INDICATES SECTION CORNER, AS NOTED		
◬	INDICATES CORNER OF SUBDIVISION SET 1/2" REBAR WITH CAP OF RLS# 68083		
◉	SET CENTERLINE MONUMENT. SET BRASS CAP PER MAG STD DET 120, TYPE "B" (UNLESS OTHERWISE SPECIFIED), IN CONJUNCTION WITH THE CONSTRUCTION PER THE APPROVED IMPROVEMENT PLANS.		
◎	EXISTING CENTERLINE MONUMENT		
C#	CURVE NUMBER	MOD1	MAP OF DEDICATION FOR VERRADO PHASE 1 SUNRISE LANE & INDIAN SCHOOL ROAD, BOOK 707, PAGE 37, MCR
L#	LINE NUMBER		
SEC	SECTION	MOD2	MAP OF DEDICATION FOR VERRADO PHASE 1 BOOK 612, PAGE 39, MCR
COR	CORNER		
FD	FOUND	MOD3	MAP OF DEDICATION FOR VERRADO PHASE 3 EAST INDIAN SCHOOL ROAD BOOK 864, PAGE 11, MCR
NE	NORTHEAST		
NW	NORTHWEST		
SE	SOUTHEAST	MOD4	MAP OF DEDICATION FOR SUNRISE LANE AND INDIAN SCHOOL ROAD BOOK 1459, PAGE 4, MCR
SW	SOUTHWEST		
BK	BOOK	R1	FINAL PLAT FOR VERRADO VICTORY DISTRICT PHASE 3 – PARCEL 3B BOOK 1350, PAGE 3, MCR
PG	PAGE		
DKT	DOCKET		
MCR	MARICOPA COUNTY RECORDS	LSWE	LANDSCAPE AND SIDEWALK EASEMENT
EX.	EXISTING	PUE	PUBLIC UTILITY EASEMENT
ESMT	EASEMENT	SDE	STORM DRAIN EASEMENT
DE	DRAINAGE EASEMENT	SSE	SANITARY SEWER EASEMENT
R/W	RIGHT-OF-WAY	VNAE	VEHICULAR NON-ACCESS EASEMENT
S/W	SIDEWALK	SVE	SIGHT VISIBILITY EASEMENT
		SWE	SIDEWALK EASEMENT
		VTE	VISIBILITY TRIANGLE EASEMENT
			EASEMENT
			RIGHT-OF-WAY
			LOT & TRACT LINE
			CENTERLINE
			BOUNDARY LINE
			MATCH LINE
			DENOTES EXISTING FLOODPLAIN
			SECTION LINE
			MID-SECTION LINE
①			VISIBILITY TRIANGLE EASEMENT
②			SIGHT VISIBILITY EASEMENT

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
1	4,218	0.0968
2	3,929	0.0902
3	3,373	0.0774
4	3,897	0.0895
5	4,155	0.0954
6	4,061	0.0932
7	3,829	0.0879
8	4,099	0.0941
9	3,483	0.0800
10	3,919	0.0900
11	3,919	0.0900
12	3,563	0.0818
13	3,403	0.0781
14	3,403	0.0781
15	4,009	0.0920

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
16	3,829	0.0879
17	3,829	0.0879
18	3,283	0.0754
19	3,694	0.0848
20	3,829	0.0879
21	3,403	0.0781
22	3,829	0.0879
23	3,694	0.0848
24	3,283	0.0754
25	3,829	0.0879
26	3,829	0.0879
27	4,051	0.0930
28	4,050	0.0930
29	3,600	0.0826
30	4,050	0.0930

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
31	4,050	0.0930
32	3,600	0.0826
33	3,600	0.0826
34	4,050	0.0930
35	3,200	0.0735
36	3,200	0.0735
37	3,600	0.0826
38	3,600	0.0826
39	3,200	0.0735
40	3,600	0.0826
41	3,600	0.0826
42	3,826	0.0878
43	3,825	0.0878
44	3,400	0.0781
45	3,825	0.0878

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
46	3,825	0.0878
47	3,400	0.0781
48	3,400	0.0781
49	3,910	0.0898
50	7,051	0.1619
51	5,789	0.1329
52	4,493	0.1031
53	4,735	0.1087
54	4,561	0.1047
55	3,827	0.0878
56	3,401	0.0781
57	3,826	0.0878
58	3,826	0.0878
59	3,401	0.0781
60	3,401	0.0781

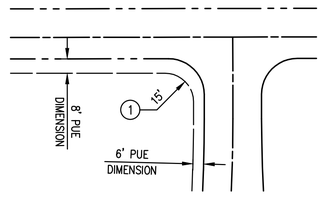
LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
61	3,360	0.0771
62	3,780	0.0868
63	4,248	0.0975
64	3,823	0.0878
65	3,600	0.0826
66	3,600	0.0826
67	3,200	0.0735
68	3,600	0.0826
69	3,600	0.0826
70	3,600	0.0826
71	3,600	0.0826
72	3,200	0.0735
73	3,600	0.0826
74	3,600	0.0826
75	3,558	0.0817

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
76	3,350	0.0769
77	3,800	0.0872
78	3,800	0.0872
79	3,800	0.0872
80	4,275	0.0981
81	3,816	0.0876
82	4,249	0.0975
83	3,825	0.0878
84	3,825	0.0878
85	3,826	0.0878
86	3,681	0.0845
87	3,642	0.0836

TRACT AREA & USE TABLE			
TRACT NAME	AREA (SF)	AREA (ACRE)	USE
TRACT "A-1"	31,325	0.719	LANDSCAPE & SIDEWALK
TRACT "B-1"	70,600	1.621	DRAINAGE, SEWER EASEMENT, LANDSCAPE & SIDEWALK
TRACT "C-1"	4,099	0.094	DRAINAGE, LANDSCAPE & SIDEWALK
TRACT "D-1"	2,127	0.049	DRAINAGE, LANDSCAPE & SIDEWALK
TRACT "E-1"	807	0.019	LANDSCAPE & SIDEWALK
TRACT "F-1"	925	0.021	LOT ACCESS & SIDEWALK
TRACT "G-1"	435	0.010	DRAINAGE, LOT ACCESS & SIDEWALK
TRACT "H-1"	17,638	0.405	DRAINAGE, LANDSCAPE & SIDEWALK
TRACT "I-1"	404	0.009	LOT ACCESS & SIDEWALK
TRACT "J-1"	1,354	0.031	LANDSCAPE & SIDEWALK
TRACT "K-1"	1,100	0.025	LOT ACCESS & SIDEWALK
TRACT "L-1"	1,238	0.028	LANDSCAPE & SIDEWALK
TRACT "N-1"	2,367	0.054	LANDSCAPE & SIDEWALK

TRACT AREA & USE TABLE			
TRACT NAME	AREA (SF)	AREA (ACRE)	USE
TRACT "O-1"	701	0.016	LOT ACCESS & SIDEWALK
TRACT "P-1"	1,100	0.025	LOT ACCESS & SIDEWALK
TRACT "Q-1"	1,265	0.029	LANDSCAPE & SIDEWALK
TRACT "R-1"	13,596	0.312	DRAINAGE, LANDSCAPE & SIDEWALK
TRACT "S-1"	1,477	0.034	LOT ACCESS & SIDEWALK
TRACT "T-1"	1,266	0.029	LANDSCAPE & SIDEWALK
TRACT "U-1"	26,211	0.602	DRAINAGE, LANDSCAPE & SIDEWALK
TRACT "V-1"	19,655	0.451	LANDSCAPE & SIDEWALK
TRACT "W-1"	2,367	0.054	LANDSCAPE & SIDEWALK
TRACT "X-1"	1,500	0.034	LOT ACCESS & SIDEWALK
TRACT "Y-1"	2,442	0.056	LANDSCAPE & SIDEWALK
TRACT "Z-1"	2,291	0.053	LANDSCAPE & SIDEWALK

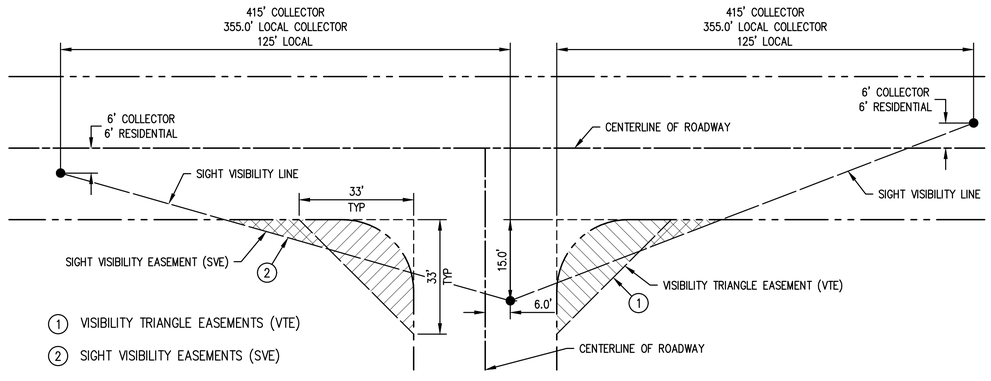
RIGHT OF WAY AREA TABLE		
RIGHT OF WAY	AREA (SF)	AREA (ACRE)
203RD AVENUE	30,178	0.6928
203RD DRIVE	24,651	0.5659
CAMPBELL AVENUE	812	0.0186
MONTECITO AVENUE	10,532	0.2418
ROMA AVENUE	18,338	0.4210
SELLS DRIVE	19,922	0.4573
TURNEY AVENUE	10,576	0.2428
TOTAL	115,009	2.6402



PUE TYPICAL DIMENSION DETAIL

NOT TO SCALE

① RADIUS FOR TRANSITION (TYPICAL)



VISIBILITY EASEMENTS DETAIL

NOT TO SCALE



EXPIRES 03/31/2022

SEE SHEET 2 - KEY MAP AND LINE & CURVE TABLES
SEE SHEET 3 - LEGEND, LOT, TRACT & RIGHT OF WAY TABLES

AREA 15.0009 AC

PLZV - 21-00035

SHEET 3 OF 5

G:\projects\R311900.01 – Victory Parcel 3C Prelim Plat\10 CADD & BIM\10.13 Survey\DWG\PH3C U1\311900S-FP03.dwg

Job No: R311900.01

Date: 10/21/2021

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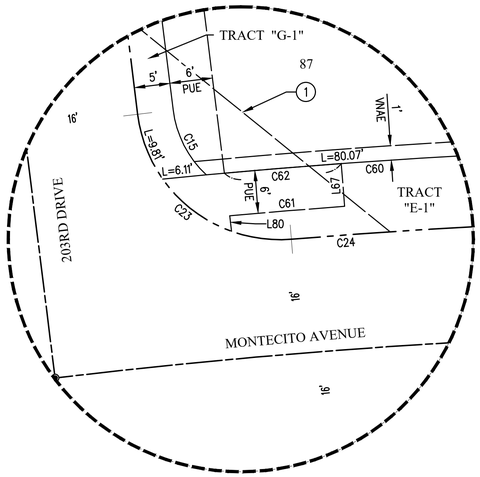

DETAIL "A"

SCALE: 1"=10'

SHEET 5

0 20 40 80

SCALE: 1"=40'

REGISTERED LAND SURVEYOR
68083
DENNIS HARMON JR.
10/21/21
ARIZONA U.S.A.
EXPIRES 03/31/2022

SEE SHEET 2 - KEY MAP AND LINE & CURVE TABLES
SEE SHEET 3 - LEGEND, LOT, TRACT & RIGHT OF WAY TABLES

AREA 15.0009 AC

Job No: R311900.01

PLZV - 21-00035

SHEET 4 OF 5

Date: 10/21/2021

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VERRADO VICTORY DISTRICT
PHASE 3 – PARCEL 3A
BOOK 1290, PAGE 35, MCR

APN 502-92-561
TRACT "E", VERRADO VICTORY DISTRICT
PHASE 3 – PARCEL 3B
BOOK 1350, PAGE 3, MCR

EXISTING DRAINAGE EASEMENT
VERRADO VICTORY DISTRICT PHASE 3 – PARCEL 3A
BK 1290, PG 35, MCR

REMAINDER
APN 502-77-883A
FIDELITY NATIONAL TITLE
INSURANCE COMPANY TR B176
(02-0281359, MCR)

EAST 1/4 CORNER,
SECTION 19, T2N, R2W
FOUND MCDOT BRASS CAP
STAMPED "RLS 35012"

EXISTING 20'
SEWER ESMT
DKT# 2017-0376933, MCR

100 YEAR FLOODPLAIN
ZONE "AE"

EX. TRACT "H4"
BOOK 1249, PAGE 19, MCR

CAMPBELL AVENUE

SELLS DRIVE

ROMA AVENUE

TURNEY AVENUE

203RD DRIVE

203RD AVENUE

TRACT "Z-1"

TRACT "X-1"

TRACT "V-1"

TRACT "T-1"

TRACT "S-1"

TRACT "U-1"

TRACT "Q-1"

TRACT "O-1"

TRACT "L-1"

TRACT "K-1"

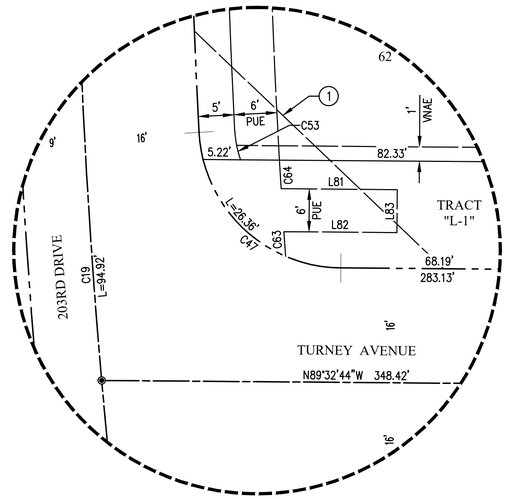
TRACT "P-1"

TRACT "N-1"

TRACT "W-1"

TRACT "D-1"

TRACT "B-1"



DETAIL "B"
SCALE: 1"=10'

SEE DETAIL "B" THIS SHEET

SHEET 4

SEE SHEET 2 - KEY MAP AND LINE & CURVE TABLES
SEE SHEET 3 - LEGEND, LOT, TRACT & RIGHT OF WAY TABLES

AREA 15.0009 AC

Job No: R311900.01

PLZV - 21-00035

SHEET 5 OF 5

Date: 10/21/2021

0 20 40 80
SCALE: 1"=40'

REGISTERED LAND SURVEYOR
68083
DENNIS
HARMON JR.
10/21/21
Date Signed
ARIZONA U.S.A.

EXPIRES 03/31/2022

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C:\projects\R311900.01 - Victory Parcel 3C Prelim Plat\10 CADD & BIM\10.13 Survey\DWG\PH3C_01\311900S-FP05.dwg

1006


Subject Property
INDIAN SCHOOL RD
W INDIAN SCHOOL RD
W INDIAN SCHOOL RD
W INDIAN SCHO

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

ARIZONA DEPARTMENT of WATER RESOURCES
1110 West Washington Street, Suite 310
Phoenix, Arizona 85007
602.771.8500

azwater.gov

Via Electronic and Certified Mail

December 8, 2021

Annie Stewart
Fennemore Craig, PC
2394 E Camelback Road, Suite 600
Phoenix, AZ 85016

Re: Certificate of Assured Water Supply
Verrado Victory District Phase 3C Units 1-3
DWR File No. 27-701191.0000

Dear Ms. Stewart:

The Arizona Department of Water Resources (Department) has determined that the criteria for an Assured Water Supply pursuant to A.R.S. § 45-576 and A.A.C. R12-15-701 *et seq.* have been met, and therefore the Director has decided to issue Certificate of Assured Water Supply No. 27-701191.0000, attached.

EPCOR – Agua Fria will provide water to the subdivision. The source of supply will be groundwater. The annual estimated water demand of the subdivision is 78.40 acre-feet per year for 246 lots, and the groundwater allowance for the subdivision for the 100-year period is 78.40 acre-feet. Pursuant to A.R.S. § 45-578(F), the total projected average annual replenishment obligation at build-out for each plat under the Certificate is 77.62 acre-feet per year.

The Department suggests you record your Certificate of Assured Water Supply in the appropriate county recorder's office. This will provide you with a permanent public record of the Certificate. This determination is applicable only to the persons or entities specified on the Certificate and for the plat reviewed by the Department, including non-material plat changes pursuant to A.A.C. R12-15-708.

Pursuant to A.R.S. § 41-1092.03, the Director's determination and decision to issue the Certificate is an appealable agency action. You are entitled to appeal this action. If you wish to appeal this action, you must file a written appeal within thirty (30) days from receipt of this letter. A summary of the appeal process and an appeal form are attached, should you elect to pursue this option.

Sincerely,
Carol M. Ward
Carol M. Ward (Dec 8, 2021 15:30 MST)
Carol M. Ward
Deputy Assistant Director

CMW/ncs

Adobe Sign Transaction Number: CBJCHBCAABAATO6ClbqTwmlf1lxalfyPHlGpk1LUZAW2

CC: Via Electronic Mail:

CAGRD
Arizona Department of Real Estate
Arizona Corporation Commission
Arizona Department of Environmental Quality
Arizona State Land Department

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
CERTIFICATE OF ASSURED WATER SUPPLY

This is to certify that

Fidelity National Title Insurance Company, a Florida corporation, as Trustee of its Trust number B176, which acquired title as Fidelity National Title Insurance Company, a California corporation, as Trustee of its Trust number B176, as to Parcel 1, Owner, and DMB White Tank, LLC, an Arizona limited liability company, as to Parcel 2, Owner,

have met the requirements of A.R.S. §§ 45-576 and A.A.C.R12-15-701 et. seq., and

By powers vested in the Director of the Arizona Department of Water Resources by the State of Arizona, and subject to the conditions contained in A.A.C. R12-15-701 et seq.,

Are issued this Certificate of Assured Water Supply for

Verrado Victory District Phase 3C Units 1-3
Township 2 North, Range 2 West, Section 19
GSRB&M Maricopa County, PHOENIX AMA

The referenced subdivision consists of **246 lots** as described in the preliminary plat on file with the Department, and has an estimated water demand of **78.40 acre-feet per year.** The subdivision will be served **groundwater** by **EPCOR - Agua Fria.**

This Certificate is invalid as to any entity not named above.
This Certificate may be assigned pursuant to A.A.C. R12-15-705.

Certificate Number: 27-701191.0000

ARIZONA DEPARTMENT OF WATER RESOURCES

Carol M. Ward
Carol M. Ward (Dec 8, 2021 15:30 MST)

Deputy Assistant Director

12/08/21
Date

TYPE A CERTIFICATE

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.P. PLZS-21-00119 Sienna Hills Parcels 4 North 6 North Final Plat
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 6
STAFF LIAISON: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220	
DEPARTMENT: Development Services	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on a final plat titled Sienna Hills - Parcels 4 North 6 North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

ADDITIONAL RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

SUMMARY

PROJECT DESCRIPTION:
Huitt-Zollars, Inc., on behalf of JEN Arizona 40 LLC, is requesting final plat approval of a 111.6-acre property located at the northwest corner of McDowell Road and the 211th Avenue alignment. This plat is part of the Sienna Hills 444-acre Community Master Plan, the majority of the CMP has been built-out with an exception of parcel 3B North which is currently under development. The proposed plat includes 127 lots consisting of 50-foot wide lots. The overall density is 2.5 dwelling units per acre, which is consistent with the CMP development standards. Sienna Hills, at build-out, will have a total of 1,112 lots, one charter school, a community park, a community swimming pool, gym, and approximately 82 acres of open space, in which 66 acres, identified as tract "I" is preserved for open space within the Sienna Hills CMP. This final plat will include new trails, trail look out points, seating areas, and the Tortuga Trail tie-in to the Regional Skyline Park.

Primary access to the proposed development site will be from the existing Sienna Hills Parkway off of McDowell Road to the projects site's southwest corner, just north of the Swim Club and the intersection of Roanoke Avenue and 212th Drive. Due to the concerns of the current Sienna Hills site being a land locked development, City Council requested during the Sienna Hills CMP 4th amendment approval, that the developer and the neighboring property owner provide an emergency access easement. The developer, and the neighboring Home Owners Association (HOA) and the City agreed to, and designed, a 20-foot emergency access off of 214th Drive in Parcels 4 North 6 North to cross over to the neighboring Verrado master planned community to the north. This access will require the City of Buckeye to obtain an easement across the Verrado Assembly property to the platted public streets within the Verrado subdivision.

BENEFITS:

Approval of this plat will create new lots for development for future single family residential home product.

FUTURE ACTION:
None.

FINANCIAL IMPACT STATEMENT:
N/A

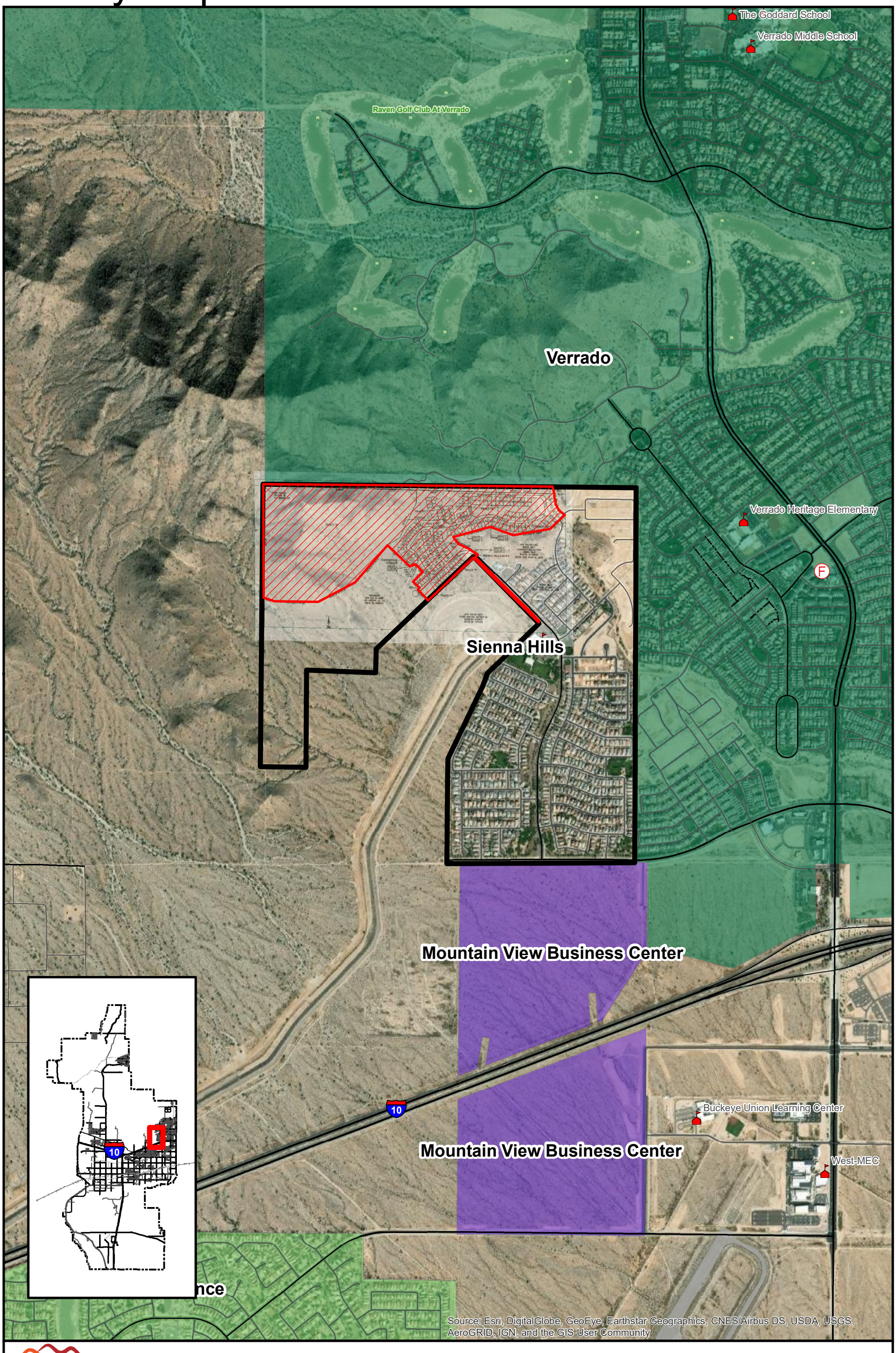
CURRENT FISCAL YEAR TOTAL COST:
N/A

FISCAL YEAR:
N/A

FUND/DEPARTMENT:
N/A

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Sienna Hills Vicinity Map.pdf
3R - PLZS-21-00119 SIENNA HILLS 4N & 6N FINAL PLAT_R01sm UPDATED 12-15-21.pdf
2R - PLZS-21-00119 SIENNA HILLS Parcels 4N 6N FINAL PLAT - Narrative.pdf
SWCA Archaeology report - White Tank Mountian Foothills.pdf
3R PLZS-21-00119 SIENNA HILLS Parcels 4N 6N FINAL PLAT - CAWS (2).pdf
3R PLZS-21-00119 SIENNA HILLS Parcels 4N 6N FINAL PLAT - CAWS.pdf

Vicinity Map



BUCKEYE, AZ

While every effort has been made to ensure the accuracy of this information, the City of Buckeye makes no warranty, expressed or implied, as to its absolute accuracy and expressly disclaims liability for the accuracy thereof.

Buckeye

0 0.15 0.3 0.6 Miles

SIENNA HILLS PARCEL 4 NORTH & 6 NORTH

N

Sienna Hills Final Plat 4N 6N Date: 11/23/2021

RECEIVED
DEC 15 2021
CITY OF BUCKEYE by: AM

FINAL PLAT FOR "SIENNA HILLS - PARCELS 4 NORTH 6 NORTH"

SITUATED IN A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA

DEDICATION

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER"), HAS SUBDIVIDED UNDER THE NAME "SIENNA HILLS – PARCELS 4 NORTH 6 NORTH", A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA, AS SHOWN PLATTED HEREON, AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF "SIENNA HILLS – PARCELS 4 NORTH 6 NORTH", HEREBY DECLARES THAT SAID PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE LOTS, PARCELS, STREETS, TRACTS, AND EASEMENTS CONSTITUTING SAME AND THAT EACH LOT, PARCEL, STREET, TRACT AND EASEMENT SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH, RESPECTIVELY ON SAID PLAT. JEN ARIZONA 40 LLC., AS OWNER, HEREBY DEDICATES TO THE PUBLIC FOR USE AS SUCH THE STREETS, AND EASEMENTS AS SHOWN ON SAID PLAT AND INCLUDED IN THE ABOVE DESCRIBED PREMISES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE FEE TITLE TO ALL PUBLIC RIGHT–OF–WAYS AS SHOWN ON THE PLAT.

THE CITY OF BUCKEYE IS HEREBY GRANTED A ROADWAY EASEMENT, AS SHOWN HEREON, FOR EMERGENCY AND MAINTENANCE TYPE VEHICLE ACCESS PURPOSES.

ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY OWNER WITHIN THE PUBLIC RIGHT–OF–WAYS, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF BUCKEYE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY OF BUCKEYE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL ACTION.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ACCESS EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF EMERGENCY AND SERVICE TYPE VEHICLE ACCESS PURPOSES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS LIMITED PURPOSE PUBLIC UTILITY EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIDEWALK EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING SIDEWALKS.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ROADWAY EASEMENT AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING STREETS PER THE CITY OF BUCKEYE ENGINEERING DESIGN STANDARDS.

PERPETUAL WATER AND SEWER EASEMENT ("EASEMENTS") AS DESCRIBED IN THE PLAT ARE GRANTED TO EPCOR WATER ARIZONA, INC. AND ITS SUCCESSORS AND ASSIGNS (COLLECTIVELY, "GRANTEE"), TO CONSTRUCT, OPERATE, AND MAINTAIN WATER AND SEWER LINES AND APPURTENANT FACILITIES (COLLECTIVELY, "FACILITIES") UPON, ACROSS, OVER AND UNDER THE SURFACE OF THE EASEMENTS, TOGETHER WITH THE RIGHT TO OPERATE, REPAIR, REPLACE, MAINTAIN, AND REMOVE THE FACILITIES FROM THE PREMISES; TO ADD OR TO ALTER THE FACILITIES, AND TO PROVIDE GRANTEE WITH REASONABLE INGRESS AND EGRESS TO THE FACILITIES. GRANTEE WILL HAVE UNRESTRICTED ACCESS TO THE EASEMENT FOR THE ACTIVITIES DESCRIBED ABOVE AND FORMAL NOTIFICATION OR APPROVAL BY ANY ASSOCIATION PRIOR TO ACCESSING THE EASEMENT WILL NOT BE REQUIRED.

THE WATER EASEMENTS (WE) ARE GRANTED SUBJECT TO THE CONDITION THAT GRANTEE SHALL HOLD GRANTOR'S SUCCESSORS AND ASSIGNS HARMLESS FROM ANY AND ALL DAMAGES, CLAIMS, LIABILITIES OR EXPENSES WHICH MAY RESULT FROM GRANTEE'S USE OF THE WATER EASEMENTS. BY ACCEPTING THE WATER EASEMENTS, THE GRANTEE AGREES TO EXERCISE REASONABLE CARE TO AVOID DAMAGE TO THE PREMISES AND ALL PROPERTY THAT MAY AT ANY TIME BE THEREON.

GRANTOR SHALL NOT ERECT OR CONSTRUCT OR PERMIT TO BE ERECTED OR CONSTRUCTED ANY BUILDING, STRUCTURE OR SIMILAR IMPROVEMENT WITHIN THE LIMITS OF THE EASEMENT GRANTED HEREIN, GRANTOR SHALL NOT, NOR PERMIT, THE GRADE OVER GRANTEE'S FACILITIES TO BE SUBSTANTIALLY ALTERED WITHOUT, IN EACH INSTANCE, THE PRIOR WRITTEN CONSENT OF GRANTEE, AND GRANTOR AGREES THAT NO OTHER PIPES OR CONDUIT SHALL BE PLACED WITHIN THE PREMISES SUBJECT TO THE EASEMENT GRANTED HEREIN, EXCEPT PIPES CROSSING GRANTEE'S FACILITIES AT RIGHT ANGLES, IN WHICH CASE, A MINIMUM VERTICAL DISTANCE OF TWO (2) FEET (AS MEASURED FROM THE CLOSEST POINTS ON THE OUTSIDE EDGES) SHALL BE MAINTAINED BETWEEN GRANTEE'S FACILITIES AND SUCH OTHER PIPES OR CONDUITS. UNLESS GRANTEE EXPRESSLY CONSENTS IN WRITING OTHERWISE, ANY AND ALL SEWER PIPES CROSSING THE EASEMENT GRANTED HEREIN SHALL BE LAID BELOW GRANTEE'S FACILITIES. HOWEVER, GRANTOR SHALL HAVE THE RIGHT TO CONSTRUCT AND ERECT FENCES, TO INSTALL LANDSCAPING, PARKING FACILITIES AND DRIVEWAYS, AND TO ESTABLISH OTHER USES WHICH ARE NOT INCONSISTENT WITH USES WITHIN THE LIMITS OF SAID EASEMENT IN A MANNER WHICH WILL NOT UNREASONABLY INTERFERE WITH GRANTEE'S ACCESS TO THE FACILITIES.

THIS FINAL PLAT HEREBY GRANTS TO THE SIENNA HILLS HOMEOWNERS' ASSOCIATION, A NON–EXCLUSIVE EASEMENT OVER THOSE PORTIONS OF THE PROPERTY DESIGNATED AS TRACTS "A1," "A2" THROUGH "H", INCLUSIVE, FOR PURPOSES OF ACCESSING, MAINTAINING, REPAIRING AND REPLACING ALL OR ANY PORTION OF THE IRRIGATION SYSTEM THAT PROVIDES WATER TO LANDSCAPING WITHIN THE PUBLIC RIGHT–OF–WAY. THE IRRIGATION SYSTEM INCLUDES ITS WATER DELIVERY INFRASTRUCTURE, TIMERS, ELECTRICAL SUPPLY AND ANY ASSOCIATED LIGHTING. IF THE SIENNA HILLS HOMEOWNERS' ASSOCIATION ENTERS THOSE PORTIONS OF THE PROPERTY DESIGNATED AS COMMON AREAS, THE SIENNA HILLS HOMEOWNERS' ASSOCIATION SHALL RESTORE, AT ITS EXPENSE ANY PORTIONS OF THESE TRACTS TO ITS CONDITION PRIOR TO SUCH ENTRY.

THE CITY OF BUCKEYE IS HEREBY GRANTED AN EASEMENT FOR MAINTENANCE OF LANDSCAPING DRAINAGE AND RETENTION AREAS ON TRACTS "A–1", "A–2" THROUGH "H", INCLUSIVE. THIS EASEMENT MAY BE EXERCISED BY THE CITY OF BUCKEYE AT ANY SUCH TIME WHEN THE SIENNA HILLS HOMEOWNERS' ASSOCIATION FAILS TO EXIST AND PROVIDE THE REQUIRED MAINTENANCE AND OPERATION OF LANDSCAPING DRAINAGE AND RETENTION AREAS. AS LONG AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION IS IN EXISTENCE IT IS RESPONSIBLE FOR PROVIDING ALL MAINTENANCE OF LANDSCAPING, DRAINAGE AND RETENTION AREAS REGARDLESS OF THE GRANTING OF THE EASEMENT.

THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS, AND PARKS SHALL BE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION."

MAINTENANCE OF DRAINAGE STRUCTURES AND OTHER DRAINAGE FACILITIES OUTSIDE OF PUBLIC RIGHT–OF–WAY ARE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION."

THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHT–OF–WAYS, INCLUDING; LANDSCAPED MEDIANS, WITH COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY OWNER.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VIABILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS AS PER THE ENGINEERING DESIGN STANDARDS.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF.

TRACTS "A–1", "A–2" THROUGH "I", INCLUSIVE ARE HEREBY DECLARED AS COMMON AREAS FOR THE PURPOSES SHOWN AND FOR THE USE AND ENJOYMENT OF THE LOT OWNERS AS MORE FULLY SET FORTH IN THE

DEDICATION (CONTINUED)

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR "SIENNA HILLS" TO BE HEREAFTER RECORDED, AND WILL BE OWNED AND MAINTAINED BY THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION". THE TRACTS THAT WILL NOT BE CONVEYED TO THE CITY OF BUCKEYE AND ALL COMMON PROPERTY SHALL BE APPROVED BY THE CITY OF BUCKEYE AND SHALL BE CONVEYED BY WARRANTY (OR SPECIAL WARRANTY DEED) TO THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION." DWELLING UNITS SHALL NOT BE CONSTRUCTED ON SAID TRACTS.

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE ("USAF") AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO; THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER") DOES HEREBY (1) RELEASE AND DISCHARGE THE USAF AND THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER") DOES HEREBY; (1) RELEASE AND DISCHARGE THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT–OF–WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT–OF–WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF BUCKEYE.

IN WITNESS WHEREOF:

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY AS OWNER HAS HEREUNTO CAUSED ITS NAME TO BE AFFIXED AND THE SAME TO BE ATTESTED BY THE SIGNATURE OF THE UNDERSIGNED OFFICER, THEREUNTO DULY AUTHORIZED
THIS _____ DAY OF _____, 2021.

BY: JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY

BY: _____ DATE_____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE ____ DAY OF _____, 20___,

BY _____ THE _____ OF
JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

DEVELOPMENT AGREEMENT NOTES

1. PURSUANT TO THE AGREED–UPON PROVISIONS OF THE DEVELOPMENT AGREEMENT, AS AMENDED, THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNLESS A MULTI–USE FIRE SUPPRESSION SPRINKLER SYSTEM, APPROVED BY THE CITY, IS INSTALLED IN THE HOME CONSTRUCTED ON SUCH LOT.
2. THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNTIL A RECEIPT IS SUBMITTED SHOWING PAYMENT–IN–FULL OF WATER AND SEWER FEES TO EPCOR WATER ARIZONA, INC. (OR ITS SUCCESSOR) FOR SUCH LOT.

PUBLIC NOTICE

THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF BUCKEYE. A MAP, SIZED AT LEAST 24" X 36" DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF BUCKEYE DEVELOPMENT SERVICES DEPARTMENT.

RATIFICATIONS

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION HEREBY RATIFIES, AFFIRMS, AND APPROVES THIS FINAL PLAT FOR "SIENNA HILLS – PARCELS 4 NORTH 6 NORTH" AND THE RESPONSIBILITIES IMPOSED UPON IT UNDER THIS FINAL PLAT.

IN WITNESS WHEREOF, SIENNA HILLS HOMEOWNERS' ASSOCIATION. HAS CAUSED ITS NAME TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS _____ DAY OF _____, 20___,

SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION

BY: _____,

ITS: _____,

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE ____ DAY OF _____, 20___,

BY _____ THE _____ OF
SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

FINANCIAL ASSURANCE NOTE

FINAL PLAT APPROVAL BY THE CITY IS CONDITIONAL AND SUBJECT TO FINANCIAL ASSURANCES BEING IN PLACE FOR ALL IMPROVEMENTS AS SHOWN ON THE APPROVED PLANS. THE CITY WILL NOT RECORD ANY PLATS UNTIL SUCH TIME FINANCIAL ASSURANCES ARE IN PLACE. IF AFTER 180 DAYS FROM CITY COUNCIL APPROVAL THE FINAL PLAT HAS NOT BEEN RECORDED, THEN IT SHALL BE NULL AND VOID. A VALID PRELIMINARY PLAT NEEDS TO BE IN PLACE PRIOR TO APPROVAL OF ANY FINAL PLAT ASSOCIATED WITHIN THE PROJECT IN ACCORDANCE WITH THE DEVELOPMENT CODE. THE SIGNED PLAT WILL NOT BE SUBMITTED TO THE CITY FOR SIGNATURE AND RECORDING UNTIL FINANCIAL ASSURANCES ARE IN PLACE.

APPROVAL

APPROVED BY THE COUNCIL OF THE CITY OF BUCKEYE ON THIS _____ DAY OF _____, 20____,

BY: _____,
MAYOR

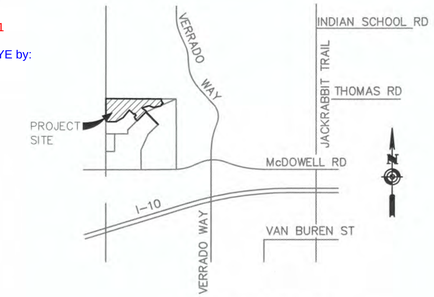
ATTEST: _____,
CITY CLERK

I CERTIFY THAT ALL ENGINEERING CONDITIONS AND REQUIREMENTS HAVE BEEN COMPLIED WITH.

BY: _____, _____
BUCKEYE CITY ENGINEER DATE

BY: _____, _____
DEVELOPMENT SERVICES DIRECTOR DATE

PROJECT SUMMARY	
PROJECT AREAS	AREA (ACRES)
PARCELS 4 NORTH / 6 NORTH	
LOT AREAS	20.1282
TRACT AREAS	85.0971
RIGHT–OF–WAY AREA	6.3670
TOTAL	111.5923 AC



VICINITY MAP

SECTION 36, T2N, R3W
NOT TO SCALE

PROPERTY OWNER

JEN ARIZONA 40 LLC.,
AN ARIZONA LIMITED LIABILITY COMPANY
2222 WEST PINNACLE PEAK ROAD, SUITE 140
PHOENIX, AZ 85027
TEL: (480) 344–2911
CONTACT: MIKE CRONIN
EMAIL: MCRONIN@TERRAWESTAZ.COM

SURVEYOR

HUITT–ZOLLARS
5050 N. 40TH STREET, SUITE 100
PHOENIX, ARIZONA 85018
TEL: (602) 252–8384
CONTACT: DENNIS HARMON, JR., RLS
EMAIL: DHARMON@HUITT–ZOLLARS.COM

BASIS OF BEARING

THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST BEARING S89°20'22W, AS RECORDED IN BOOK 893, PAGE 11, MCR

SHEET INDEX

SHEET 1	COVER, NOTES, SITE INFORMATION, PROJECT SUMMARY TABLE AND APPROVALS
SHEET 2	BOUNDARY & KEY MAP, LOT AREA, TRACT AREA & USE TABLE AND RIGHT–OF–WAY TABLE, AND TYPICAL LOT LAYOUT
SHEET 3	LINE AND CURVE TABLES, ZONING TABLE, NOTES, VISIBILITY EASEMENT DETAILS
SHEET 4 – 7	PLAT SHEETS
SHEET 8	PLAT SHEET AND LEGEND

FLOODPLAIN CLOMR/LOMR

A CLOMR/LOMR WILL BE PREPARED FOR PARCEL 4 NORTH 6 NORTH WITH FINAL ENGINEERING.

FEMA FLOODPLAIN DESIGNATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE
040039	2110	L	OCT. 16, 2013	X (SHADED) & ZONE AE & A

ZONE "X": (SHADED) AREAS OF 500–YEAR; AREAS OF 100–YEAR FLOOD WITH AN AVERAGE DEPTH OF LESS THAN ONE (1) FOOT OR WITH DRAINAGE AREAS LESS THAN ONE (1) SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM THE 100–YEAR FLOOD.

ZONE AE: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: BASE FLOOD ELEVATION DETERMINED.

ZONE A: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: NO BASE FLOOD ELEVATION DETERMINED.

THE PROPERTY IS LOCATED WITHIN AN AREA DESIGNATED AS HAVING FLOOD ZONE "X" (SHADED), ZONE AE AND ZONE A, BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 04013C2110L WITH A REVISION DATE OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040039, IN THE CITY OF BUCKEYE, COUNTY OF MARICOPA, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

ZONING

ZONING FOR THE SUBJECT PROPERTY IS PLANNED COMMUNITY (PC) PER CITY OF BUCKEYE DEVELOPMENT CODE (1996).

SURVEYOR'S CERTIFICATION

I, DENNIS HARMON, JR., HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, THAT THIS PLAT CONSISTING OF EIGHT (8) SHEETS CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME DURING THE MONTH OF MARCH 2020. THAT THE SURVEY IS TRUE AND CORRECT AS SHOWN, THAT ALL MONUMENTS EXIST OR WILL BE SET AND, THAT THEIR POSITIONS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

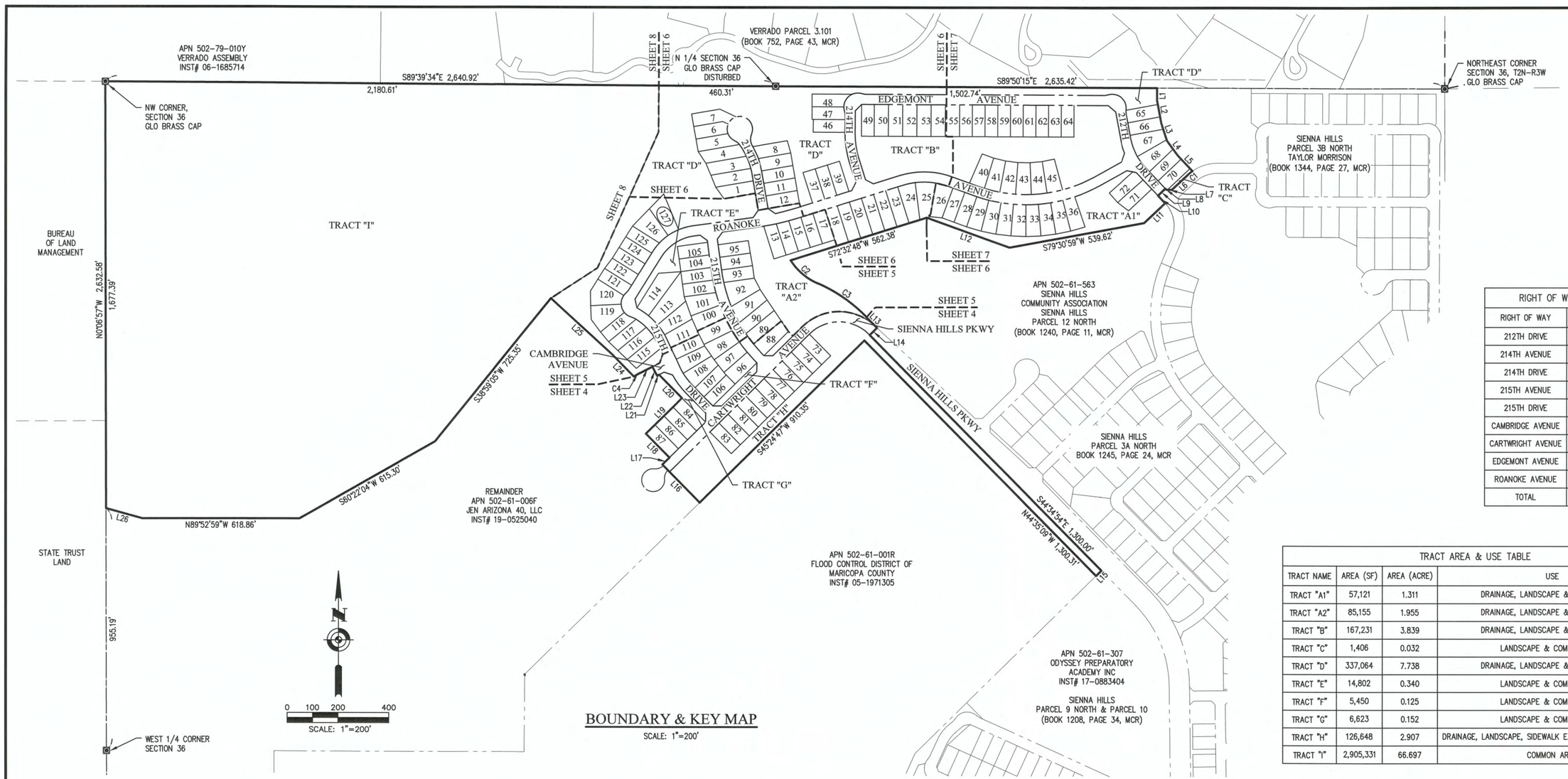
DENNIS HARMON, JR., RLS
ARIZONA R.L.S. # 68083

11/17/2021
DATE

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68083
DENNIS
HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

HUITT–ZOLLARS
5050 N. 40th Street, Suite 100 | Phoenix, AZ 85018
Office (602) 252-8384
www.huitt-zollars.com
ADVANCEDESIGN℠

LINE & CURVE TABLES - SEE SHEET 3	AREA 111.5923 AC	PLZS - 21 - 00119	
	Job No: R311080.03	SHEET 1 OF 8	
G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 4N6N\311080035-FP01.dwg		Date: 11/17/2021	Land Planning • Hydrology • Land Development • Civil Engineering • Surveying



BOUNDARY & KEY MAP

SCALE: 1"=200'

RIGHT OF WAY AREA TABLE		
RIGHT OF WAY	AREA (SF)	AREA (ACRE)
212TH DRIVE	16,686	0.3831
214TH AVENUE	14,897	0.3420
214TH DRIVE	20,968	0.4814
215TH AVENUE	23,987	0.5507
215TH DRIVE	23,269	0.5342
CAMBRIDGE AVENUE	2,894	0.0664
CARTWRIGHT AVENUE	42,821	0.9830
EDGEMONT AVENUE	42,721	0.9807
ROANOKE AVENUE	89,105	2.0456
TOTAL	277,347.37	6.3670

TRACT AREA & USE TABLE			
TRACT NAME	AREA (SF)	AREA (ACRE)	USE
TRACT "A1"	57,121	1.311	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "A2"	85,155	1.955	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "B"	167,231	3.839	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "C"	1,406	0.032	LANDSCAPE & COMMON AREA
TRACT "D"	337,064	7.738	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "E"	14,802	0.340	LANDSCAPE & COMMON AREA
TRACT "F"	5,450	0.125	LANDSCAPE & COMMON AREA
TRACT "G"	6,623	0.152	LANDSCAPE & COMMON AREA
TRACT "H"	126,648	2.907	DRAINAGE, LANDSCAPE, SIDEWALK EASEMENT & COMMON AREA
TRACT "I"	2,905,331	66.697	COMMON AREA

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
1	6,862	0.158
2	7,742	0.178
3	8,069	0.185
4	8,210	0.188
5	7,173	0.165
6	6,385	0.147
7	7,421	0.170
8	6,676	0.153
9	6,345	0.146
10	6,250	0.143
11	6,250	0.143
12	6,323	0.145
13	6,600	0.152
14	6,370	0.146
15	6,263	0.144
16	6,250	0.143

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
17	6,250	0.143
18	7,500	0.172
19	7,500	0.172
20	7,500	0.172
21	7,500	0.172
22	7,500	0.172
23	7,500	0.172
24	8,578	0.197
25	8,767	0.201
26	7,593	0.174
27	6,250	0.143
28	6,419	0.147
29	6,780	0.156
30	6,780	0.156
31	6,780	0.156
32	6,780	0.156

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
33	6,780	0.156
34	6,780	0.156
35	6,780	0.156
36	6,780	0.156
37	6,250	0.143
38	6,250	0.143
39	6,250	0.143
40	6,943	0.159
41	6,935	0.159
42	6,935	0.159
43	6,935	0.159
44	6,935	0.159
45	6,935	0.159
46	6,250	0.143
47	6,418	0.147
48	6,701	0.154

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
49	6,250	0.143
50	7,000	0.161
51	7,000	0.161
52	7,000	0.161
53	7,000	0.161
54	7,000	0.161
55	7,041	0.162
56	6,250	0.143
57	6,250	0.143
58	6,250	0.143
59	6,250	0.143
60	6,250	0.143
61	6,250	0.143
62	6,250	0.143
63	6,250	0.143
64	6,250	0.143

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
65	6,440	0.148
66	6,495	0.149
67	8,815	0.202
68	7,959	0.183
69	6,315	0.145
70	6,370	0.146
71	6,709	0.154
72	6,653	0.153
73	6,000	0.138
74	6,000	0.138
75	6,000	0.138
76	6,000	0.138
77	6,000	0.138
78	6,000	0.138
79	6,000	0.138
80	6,000	0.138

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
81	6,000	0.138
82	6,000	0.138
83	6,000	0.138
84	6,612	0.152
85	6,612	0.152
86	6,612	0.152
87	6,612	0.152
88	7,726	0.177
89	7,193	0.165
90	7,203	0.165
91	8,257	0.190
92	9,357	0.215
93	6,115	0.140
94	6,108	0.140
95	6,035	0.139
96	7,218	0.166

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
97	6,889	0.158
98	7,639	0.175
99	7,071	0.162
100	7,181	0.165
101	8,010	0.184
102	6,134	0.141
103	6,008	0.138
104	6,000	0.138
105	6,000	0.138
106	6,150	0.141
107	6,261	0.144
108	7,695	0.177
109	6,974	0.160
110	6,147	0.141
111	7,604	0.175
112	7,988	0.183

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
113	12,422	0.285
114	11,582	0.266
115	6,523	0.150
116	7,097	0.163
117	7,149	0.164
118	6,429	0.148
119	9,174	0.211
120	9,035	0.207
121	6,181	0.142
122	6,123	0.141
123	6,000	0.138
124	6,000	0.138
125	6,060	0.139
126	8,627	0.198
127	8,653	0.199

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68063
DENNIS
HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

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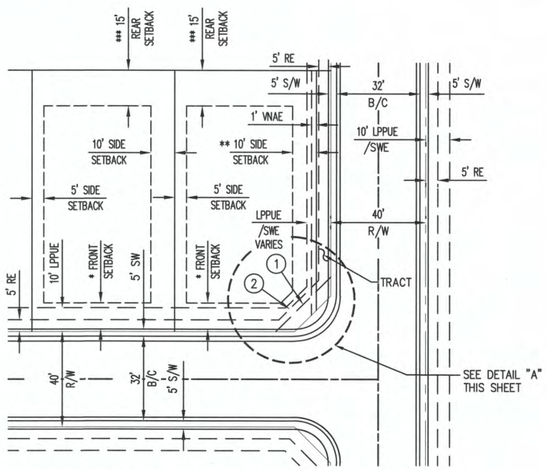
NOTES

1. THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE STATUTORILY REQUIRED SOUND ATTENUATION STANDARDS.(IF WITHIN THE VICINITY OF LAFB OR LUKE AUX)
2. THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF BUCKEYE.
3. IN ACCORDANCE WITH ARS § 9-461.07, THE CITY OF BUCKEYE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE GENERAL PLAN.
4. PURSUANT TO A.R.S. § 42-11102, THE CITY OF BUCKEYE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND 14710, WHEN APPLICABLE.
5. THIS SITE CONSISTS OF A TOTAL OF 127 LOTS AND 10 TRACTS IN THE PC ZONING DISTRICT.
6. THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED ON 03-23-2021 UNDER CASE# PLZS-20-00058.
7. THE LAND DESCRIBED IN THIS PLAT IS LOCATED WITHIN THE SERVICE AREA OF EPCOR WATER COMPANY, AN ARIZONA CORPORATION. THIS SUBDIVISION HAS BEEN ISSUED A CERTIFICATE OF ASSURED WATER SUPPLY BY ARIZONA DEPARTMENT OF WATER RESOURCES ON APRIL 4, 2012, CERTIFICATE NUMBER 29-700716.0001 AND AUGUST 6, 2007, CERTIFICATE NUMBER 29-500015.0012.
8. NO STRUCTURE OF ANY KIND SHALL BE CONSTRUCTED OR ANY VEGETATION TO BE PLANTED OR BE ALLOWED TO GROW WITHIN ANY DRAINAGE EASEMENT WHICH WOULD IMPEDE THE FLOW OF WATER OVER, UNDER, OR THROUGH EASEMENTS.
9. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND EXCEPT POWER LINES 69KV AND LARGER.
10. IT IS ACKNOWLEDGED THAT THIS PROPERTY WILL BE PART OF A PARKWAY MAINTENANCE IMPROVEMENT DISTRICT (MID) AND STREET LIGHTING IMPROVEMENT DISTRICT (SLID) AT THE TIME THAT IT IS DEVELOPED, IN ACCORDANCE WITH BUCKEYE ORDINANCES 43-05 AND 42-06.
11. ALL SETBACKS SHALL CONFORM WITH THE COMMUNITY MASTER PLAN, INCLUDING ALL MAJOR AND MINOR AMENDMENT THERETO.
12. ALL COMMON AREA TRACTS, IF ANY, AND TRACTS IDENTIFIED AS AREAS OF COMMON RESPONSIBILITY SHALL BE CONVEYED TO THE SIENNA HILLS HOMEOWNER'S ASSOCIATION, SHALL BE MAINTAINED AS AREAS OF COMMON RESPONSIBILITY BY THE ASSOCIATION AND SHALL NOT BE ACCEPTED FOR MAINTENANCE OR OWNERSHIP BY THE CITY.
13. EXCEPT FOR CONSTRUCTION AND IMPROVEMENTS BY GOVERNMENTAL ENTITIES AND CERTIFIED PUBLIC UTILITIES, CONSTRUCTION AND IMPROVEMENTS WITHIN LIMITED PURPOSE PUBLIC UTILITY EASEMENTS SHALL BE LIMITED TO ONLY THE FOLLOWING:
    A. WOOD, WIRE, OR REMOVABLE SECTION TYPE FENCING.
    B. ALL DRY PUBLIC UTILITIES WHICH USE OR MAY USE THE PUBLIC EASEMENT.
    C. LANDSCAPING.
14. HOMEOWNERS' ASSOCIATION INCLUDING ALL LOT OWNERS HAS BEEN FORMED AND HAS THE RESPONSIBILITY OF MAINTAINING ALL COMMON AREAS NOTED AS TRACTS, LANDSCAPED AREAS, AND DRAINAGE FACILITIES IN ACCORDANCE WITH THE APPROVED PLANS. THIS RESPONSIBILITY INCLUDES ALL ADJACENT RIGHT-OF-WAY. SAID HOMEOWNERS' ASSOCIATION SHALL BE REFERRED TO AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION.
15. THE CITY OF BUCKEYE IS NOT DESIGNATED AS AN ASSURED WATER PROVIDER PURSUANT TO ARS 45-576.
16. AN 18" REBAR WITH LAND SURVEYOR CAP WILL BE SET AT ALL BOUNDARY CORNERS, LOT CORNERS, POINTS OF CURVATURE, POINTS OF TANGENCY, AND ANGLE POINTS AT COMPLETION OF MASS GRADING.
17. IN EASEMENTS FOR EXCLUSIVE USE OF WATER, SANITARY SEWER, RECLAIMED WATER OR ANY COMBINATION THEREOF, ONLY GROUNDCOVER AND BUSHES ARE ALLOWED TO BE PLANTED WITHIN THE EASEMENT AREA, NO TREES OR BOULDERS ARE ALLOWED.
18. VISIBILITY RESTRICTIONS: ANY OBJECT, WALL, STRUCTURE, MOUND OR LANDSCAPING (MATURE) OVER 24" IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT. TREE CANOPIES OVERHANGING THE EASEMENT, SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7'. NO TREES ARE TO BE INSTALLED WITHIN THE 6' OF THE BACK OF CURB, OR 6' OF ANY FIRE HYDRANT. NO BOULDERS ARE TO BE INSTALLED IN THE VNAE, PUE, R/W, OR WITHIN 6' OF THE BACK OF CURB. ANY VEGETATION VIOLATING THESE RESTRICTIONS INCLUDING TREES, SHRUBS, BUSHES OR GROUND COVER MAY BE REMOVED FOR ANY REASON IF DEEMED NECESSARY BY THE CITY OF BUCKEYE.
19. LIMITED PURPOSE PUBLIC USE EASEMENT (THE LPPUE) SHALL BE RESTRICTED TO USES RELATING TO STREET AND SIDEWALK LIGHTING, CATV, NATURAL GAS, ELECTRIC, TELEPHONE, AND OTHER UTILITIES NOT INVOLVING THE CONVEYANCE OF ANY LIQUID SUBSTANCE EXCEPT AS HEREAFTER PROVIDED. NOTWITHSTANDING THE FOREGOING, UTILITIES CONVEYING A LIQUID SUBSTANCE, INCLUDING BUT NOT LIMITED TO, WATER, SEWER, EFFLUENT AND LIQUID PETROLEUM PRODUCTS MAY CROSS SUCH LPPUE AT APPROXIMATELY PERPENDICULAR ANGLE TO THE LENGTH OF THE LPPUE OR IN SUCH MANNER AS OTHERWISE DETERMINED BY THE CITY AND TO THE EXTENT NECESSARY TO PROVIDE THE SERVICE CONNECTIONS TO THE PARCEL OR LOT ADJACENT TO OR SERVED BY THE LPPUE. UTILITIES CONVEYING ANY LIQUID SUBSTANCE SHALL BE LOCATED IN PUBLIC STREETS AND RIGHT OF WAY AT THE LOCATION DESIGNATED BY THE CITY.
20. EACH HOME'S WATER CONNECTION SHALL BE PRESSURE TESTED PRIOR TO CERTIFICATE OF OCCUPANCY. IF THRESHOLD PRESSURE OF 90 PSI IS EXCEEDED, THE HOMEBUILDER SHALL INSTALL A PRESSURE REDUCING VALVE AT THE HOME CONNECTION THAT MEETS PLUMBING AND BUILDING CODES.
21. MAJOR CHANGES TO THIS FINAL PLAT WITH REGARD TO USE, DENSITY, AND INTENSITY MUST BE PROCESSED AS A REVISED APPLICATION WITH APPROVAL BY THE CITY COUNCIL UPON RECOMMENDATION OF THE PLANNING COMMISSION. THE CITY MANAGER AND THE DEVELOPMENT SERVICES DIRECTOR MAY ADMINISTRATIVELY APPROVE MINOR CHANGES TO THE FINAL PLAT.
22. IT'S THE RESPONSIBILITY OF THE HOMEOWNERS' ASSOCIATION TO TRIM TREES ON THEIR PROPERTY AND OVER ADJACENT ROADWAYS TO ALLOW FOR AND 18-FOOT HEIGHT CLEARANCE ABOVE THE ROADWAY.
23. THIS SUBDIVISION IS SUBJECT TO MAINTENANCE IMPROVEMENT DISTRICT (MID NO. 2012-01) AND STREET LIGHT IMPROVEMENT DISTRICT (SLID NO. 2012-02)

ZONING TABLE		
ZONING DISTRICT	PLANNED RESIDENTIAL(LDR)	
	4 NORTH 6 NORTH	
PARCEL	4 NORTH	6 NORTH
LAND USE DESIGNATIONS	LDR	LDR
MINIMUM LOT AREA	6,250 SF	6,000 SF
MINIMUM LOT SIZE (1)	50' x 125'	50' x 120'
MAXIMUM BUILDING HEIGHT	30' (2 STORIES)	30' (2 STORIES)
APPROXIMATE GROSS AREA	11.30 AC	8.83 AC
LAND PLAN DENSITY	6.4 (DU/AC)	6.3 (DU/AC)
LAND PLAN DWELLING UNITS	72	55
MINIMUM BUILDING SETBACKS (2)		
LIVING FRONT YARD	12'	12'
REAR YARD (3)	15'	15'
STREET SIDE YARD	10'	10'
SIDE YARD	5' & 10' 15' TOTAL	5' & 10' 15' TOTAL
MINIMUM BUILDING SEPARATION	10'	10'
MINIMUM GARAGE SETBACKS		
FRONT LOADED (4)	20'	20'
SIDE LOADED	12'	12'
MAXIMUM GARAGE WIDTH (5)	NO MAX	3 CAR WIDTHS
MAXIMUM LOT COVERAGE	60%	55%
MINIMUM PARKING REQUIREMENT	2 PER UNIT	2 PER UNIT

NOTES

1. LOT DEPTH MAY BE DECREASED BY 10-FT ON CUL-DE-SAC AND KNUCKLE LOTS AS LONG AS MINIMUM LOT AREA IS MAINTAINED.
2. BUILDING SETBACK LINE IS THE REQUIRED DISTANCE BETWEEN THE PROPERTY LINE AND THE CLOSEST POINT OF ANY BUILDING. A MINIMUM 20-FT TRACT ALONG ARTERIAL STREETS. TRACT SHALL BE IN COMMON OWNERSHIP.
3. THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS; OTHER PROJECTIONS SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.
4. THE FRONT LOADED GARAGE SETBACK IS THE REQUIRED DISTANCE BETWEEN THE FACE OF THE GARAGE AND THE BACK OF THE SIDEWALK, OR PROPERTY LINE, WHICHEVER IS CLOSER.
5. MAXIMUM DRIVEWAY WIDTH SHALL BE 28-FEET FOR GARAGES WITH THREE (3) CAR GARAGES. WHERE APPROPRIATE, SHARED DRIVEWAYS CAN BE USED FOR MUTUAL BENEFIT. MAINTENANCE TO BE COVERED WITHIN CC&R'S.

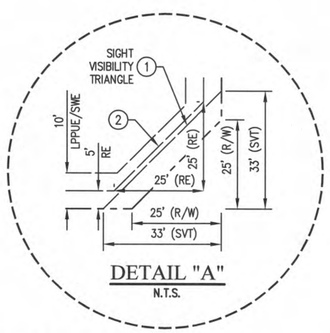


TYPICAL LOT LAYOUT NOT TO SCALE

* 12' TO LIVING AREA
20' TO GARAGE
12' TO SIDE ENTRY GARAGE
** 10' SIDE SETBACK WHEN ADJACENT TO STREET WITH NO TRACT
*** THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS; OTHER PROJECTIONS, SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.

(1) 33' X 33' TRIANGLE - SITE VISIBILITY EASEMENT RESTRICTION

(2) 25' X 25' CUTOFF FROM 5' ROADWAY EASEMENT



DETAIL "A"
N.T.S.

SIGHT VISIBILITY EASEMENT RESTRICTIONS:

- ANY OBJECT, WALL, STRUCTURE, MOUND, OR LANDSCAPING (MATURE) OVER 24-INCHES IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT.
- TREE CANOPIES OVERHANGING IN THE SIGHT VISIBILITY EASEMENT SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7-FEET.

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	48.76	S0°10'13"W
L2	89.99	S10°27'31"E
L3	73.94	S18°03'28"E
L4	74.45	S36°40'52"E
L5	81.50	S43°21'39"E
L6	85.65	S46°38'21"W
L7	21.21	N88°21'39"W
L8	6.00	N43°21'39"W
L9	40.00	S46°38'21"W

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L10	41.00	S43°21'39"E
L11	114.11	S46°38'21"W
L12	346.47	N70°04'19"W
L13	58.61	S44°34'35"E
L14	40.00	S44°44'40"W
L15	29.88	S45°25'06"W
L16	209.78	N44°34'54"W
L17	38.82	N45°25'06"E
L18	132.25	N44°34'54"W

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L19	200.00	N45°25'06"E
L20	129.06	N44°34'54"W
L21	8.66	S62°39'40"W
L22	40.00	N27°20'20"W
L23	53.97	N62°39'40"E
L24	123.82	N44°17'30"W
L25	325.53	N47°38'05"W
L26	148.10	N74°17'33"W
L27	76.84	N62°39'40"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L28	38.12	N78°40'30"W
L29	36.69	N18°14'52"E
L30	38.48	N50°08'39"W
L31	35.36	N45°10'13"E
L32	35.36	N27°32'48"E
L33	35.36	N62°27'12"W
L34	34.76	N55°49'07"W
L35	34.76	N36°05'22"E
L36	35.36	N37°02'52"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L37	35.36	N52°57'08"W
L38	35.36	N12°57'13"W
L39	65.90	N57°57'13"W
L40	20.00	N48°48'02"E
L41	36.09	N18°51'38"E
L42	35.06	N71°53'06"W
L43	35.36	N0°25'06"E
L44	35.36	N89°34'54"W
L45	35.36	N0°25'06"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L46	53.01	N44°34'54"W
L47	35.36	N89°34'54"W
L48	9.12	N45°55'45"W
L49	20.00	N41°11'58"W
L52	7.66	N0°00'00"E
L53	31.33	N44°49'47"W
L54	8.10	N0°10'13"E
L55	30.71	N44°49'47"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C1	170.00'	8°14'06"	24.43'	24.41	S50°45'24"W
C2	240.00'	33°53'19"	141.95'	139.89	S49°38'23"E
C3	600.00'	22°30'25"	235.69'	234.18	S55°19'50"E
C4	245.00'	6°42'34"	28.69'	28.67	S59°18'23"W
C5	250.00'	32°54'08"	143.56'	141.60	N26°54'35"W
C6	230.00'	32°54'08"	132.08'	130.27	N26°54'35"W
C7	270.00'	2°21'02"	11.08'	11.08	N42°11'08"W
C8	270.00'	11°26'14"	53.90'	53.81	N16°10'38"W
C9	55.00'	17°20'02"	16.64'	16.58	N1°47'30"W
C10	55.00'	114°02'20"	109.47'	92.27	N50°08'39"W
C11	55.00'	17°20'02"	16.64'	16.58	N81°30'12"E
C12	55.00'	17°20'29"	16.65'	16.58	N81°09'32"W
C13	55.00'	124°40'58"	119.69'	97.43	N45°10'13"E
C14	55.00'	17°20'29"	16.65'	16.58	N8°30'02"W
C15	350.00'	17°37'25"	107.66'	107.23	N8°38'29"W
C16	370.00'	17°37'25"	113.81'	113.36	N8°38'29"W
C17	330.00'	17°37'25"	101.50'	101.10	N8°38'29"W
C18	580.00'	49°02'34"	496.45'	481.44	N85°32'47"E
C19	560.00'	49°02'34"	479.34'	464.84	N85°32'47"E
C20	600.00'	49°02'34"	513.57'	498.04	N85°32'47"E

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C21	300.00'	37°31'15"	196.46'	192.97	N88°41'34"W
C22	320.00'	37°31'15"	209.56'	205.83	N88°41'34"W
C23	280.00'	37°31'15"	183.36'	180.10	N88°41'34"W
C24	1,000.00'	9°30'03"	165.82'	165.63	N77°17'50"E
C25	1,020.00'	9°30'03"	169.14'	168.95	N77°17'50"E
C26	980.00'	4°57'13"	84.73'	84.70	N75°01'25"E
C27	300.00'	31°19'51"	164.05'	162.01	N25°32'03"W
C28	280.00'	25°58'42"	126.95'	125.87	N22°51'28"W
C29	320.00'	20°24'09"	113.95'	113.35	N20°04'12"W
C30	50.00'	29°50'35"	26.04'	25.75	N50°46'07"W
C31	50.00'	53°25'12"	46.62'	44.95	N3°33'41"W
C32	180.00'	50°00'05"	157.08'	152.15	N57°02'49"E
C33	200.00'	50°00'05"	174.54'	169.05	N57°02'49"E
C34	55.00'	17°20'29"	16.65'	16.58	N40°43'02"E
C35	55.00'	124°40'58"	119.69'	97.43	N12°57'13"W
C36	55.00'	17°20'29"	16.65'	16.58	N66°37'28"W
C37	250.00'	33°00'49"	144.05'	142.07	N41°26'48"W
C38	270.00'	33°00'49"	155.57'	153.43	N41°26'48"W
C39	230.00'	33°00'49"	132.53'	130.70	N41°26'48"W
C40	300.00'	19°38'30"	102.84'	102.34	N34°45'39"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C41	280.00'	19°38'30"	95.99'	95.52	N34°45'39"W
C42	320.00'	16°00'28"	89.40'	89.11	N36°34'40"W
C43	600.00'	36°37'46"	383.58'	377.08	N26°16'01"W
C44	580.00'	36°37'46"	370.80'	364.51	N26°16'01"W
C45	620.00'	36°37'46"	396.37'	389.65	N26°16'01"W
C46	185.00'	88°39'09"	286.25'	258.53	N89°44'40"E
C47	205.00'	88°39'09"	317.19'	286.48	N89°44'40"E
C48	165.00'	88°39'09"	255.30'	230.58	N89°44'40"E
C49	50.00'	268°50'20"	234.61'	71.42	N68°43'45"E
C50	220.00'	50°00'05"	191.99'	185.96	N57°02'49"E
C51	50.12'	93°21'07"	81.67'	72.93	N42°56'19"W
C52	50.06'	92°08'18"	80.50'	72.10	N43°33'30"W
C53	30.00'	35°38'20"	18.66'	18.36	N71°50'06"W
C54	30.00'	49°30'49"	25.93'	25.13	N64°53'52"W
C55	45.00'	50°13'29"	39.45'	38.20	N20°18'21"E
C56	45.00'	280°26'58"	220.26'	57.58	N44°34'54"W
C57	45.00'	50°13'29"	39.45'	38.20	N70°31'50"E

REGISTERED LAND SURVEYOR CERTIFICATE NO. 68083 DENNIS HARMON JR. DATE SIGNED 11-17-21 ARIZONA U.S.A.

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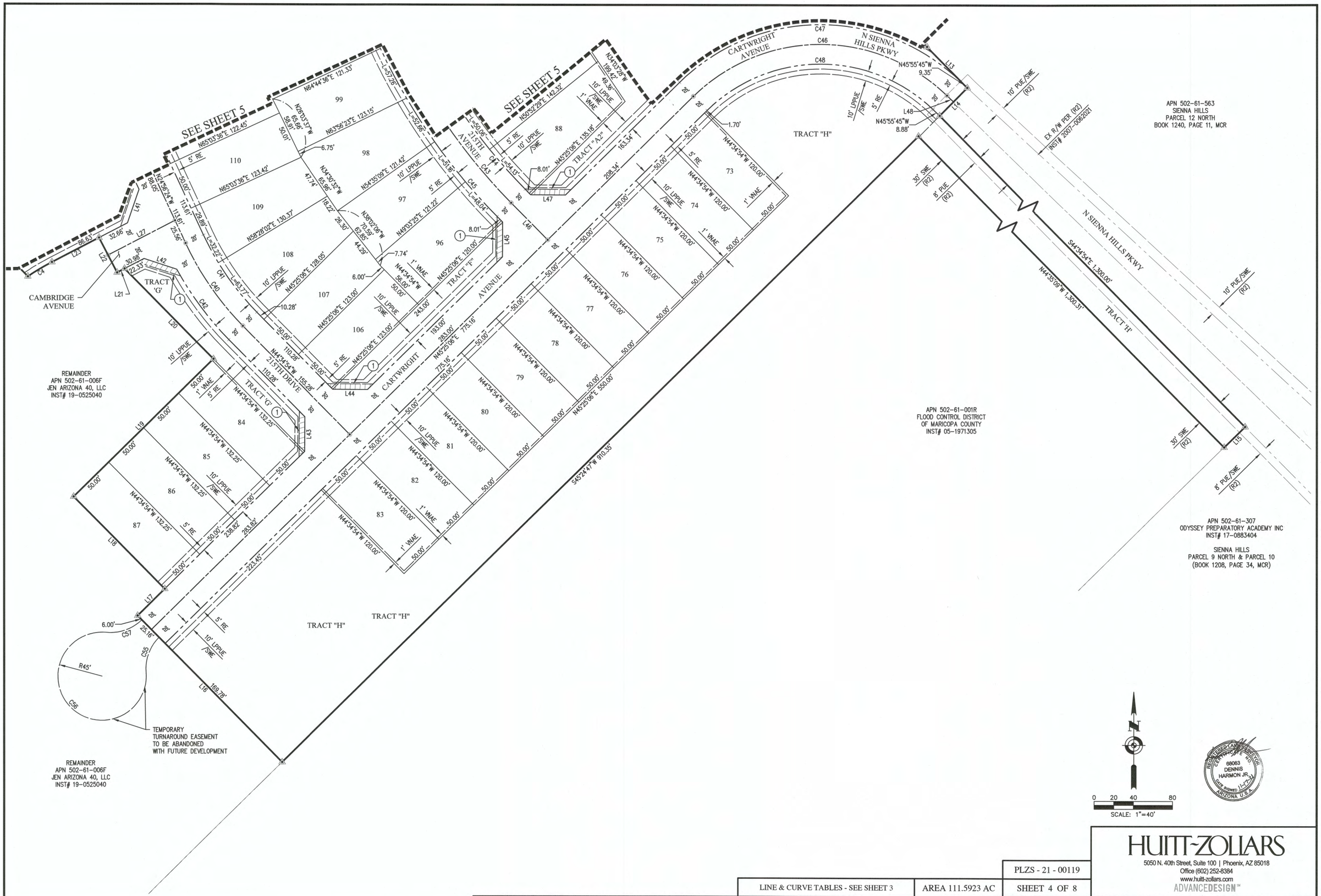
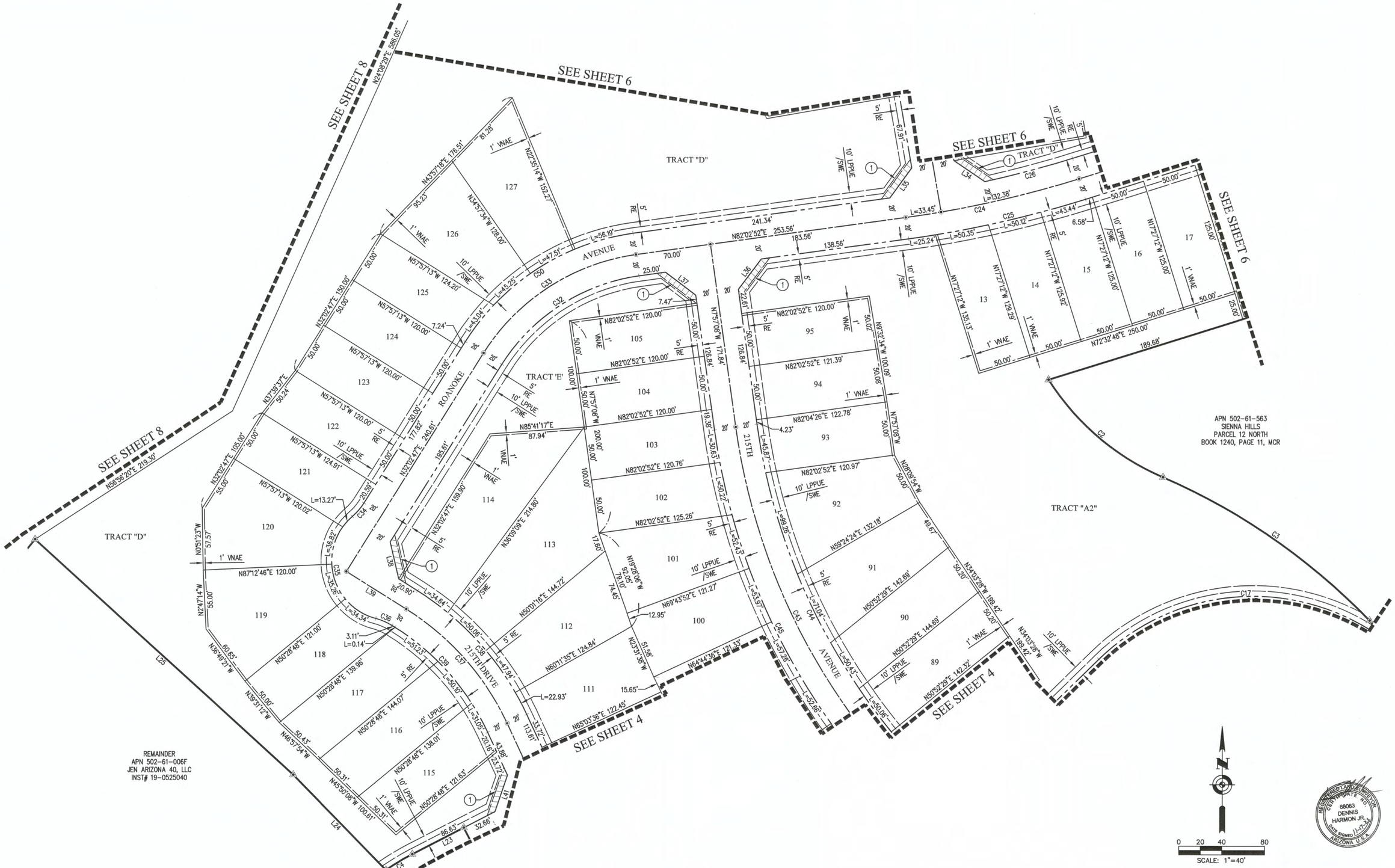

SEE SHEET 5
SEE SHEET 5
CAMBRIDGE AVENUE
CARTWRIGHT AVENUE
N SIENNA HILLS PKWY
2157TH AVENUE
2157TH DRIVE
TRACT 'G'
TRACT "H"
TRACT "I"
TRACT "A2"
TRACT "H"
TRACT "H"
N65°03'36"E 122.45'
N64°44'36"E 121.33'
N65°03'36"E 123.42'
N63°56'23"E 123.15'
N58°28'02"E 130.37'
N45°25'06"E 128.05'
N45°25'06"E 123.00'
N45°25'06"E 123.00'
N44°34'54"W 155.26'
N44°34'54"W 132.25'
N44°34'54"W 132.25'
N44°34'54"W 132.25'
N44°34'54"W 120.00'
N45°25'06"E 775.16'
N45°25'06"E 550.00'
S45°24'47"W 910.35'
S44°34'54"E 1,300.00'
N44°35'08"W 1,300.31'
N45°55'45"W 9.35'
N45°55'45"W 8.88'
N50°52'29"E 142.32'
N45°25'06"E 135.18'
N49°03'25"E 121.22'
N54°35'09"E 121.42'
N34°30'32"W 65.96'
N38°02'06"W 70.59'
N26°03'37"W 65.66'
N34°03'28"W 198.52'
N24°56'24"W 113.61'
N44°34'54"W 120.00'
N44°34'54"W 120.00'
N44°34'54"W 120.00



LINE & CURVE TABLES - SEE SHEET 3	AREA 111.5923 AC	PLZS - 21 - 00119
		SHEET 5 OF 8
G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 4N6N\31108003S-FP05.dwg	Job No: R311080.03	Date: 11/17/2021

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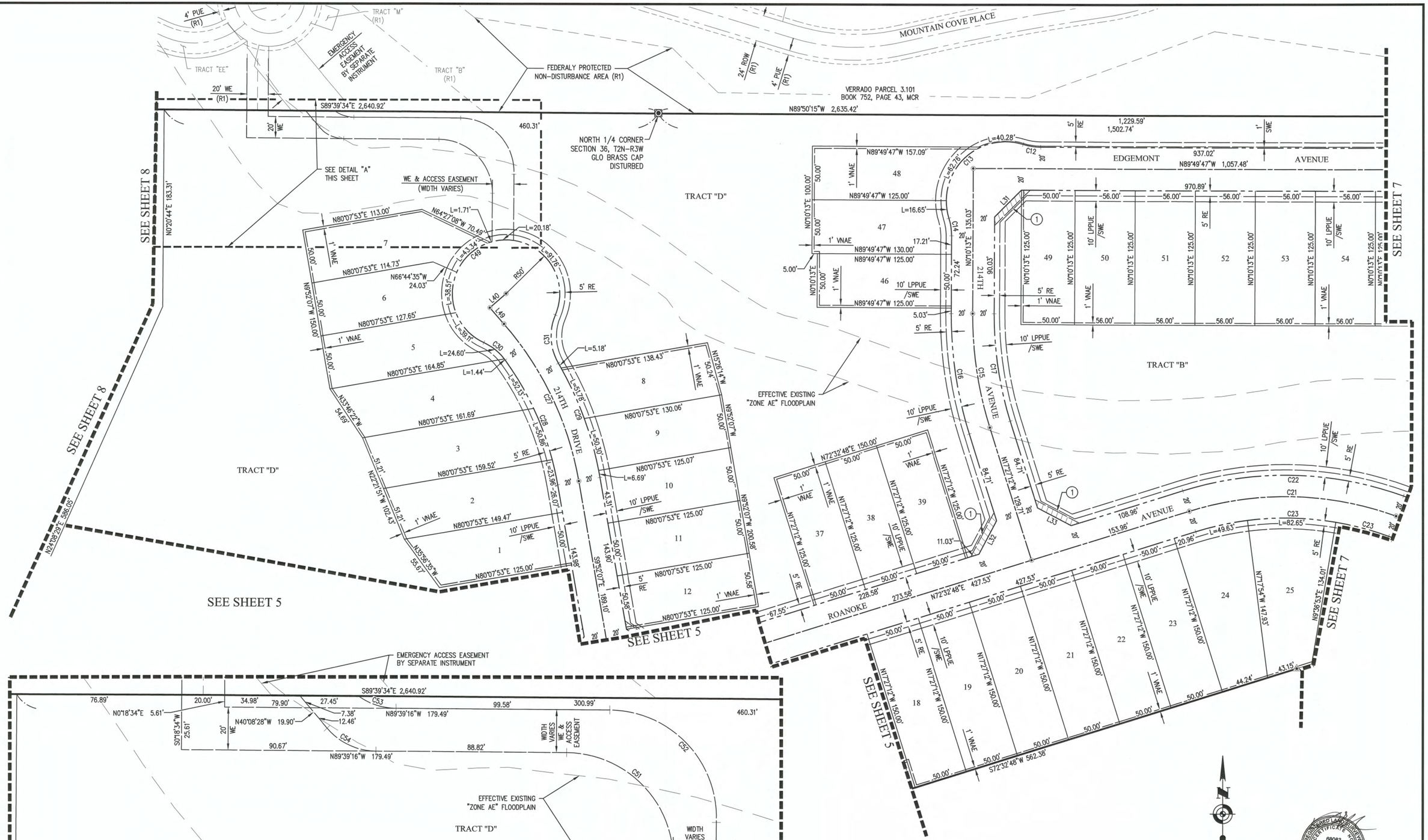

LINE & CURVE TABLES - SEE SHEET 3

AREA 111.5923 AC

Job No: R311080.03

PLZS - 21 - 00119

SHEET 6 OF 8

Date: 11/17/2021

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MOUNTAIN COVE CIRCLE

TRACT "B" (R1)

VERRADO PARCEL 3.101 (BOOK 752, PAGE 43, MCR)

DRAINAGE ESMT (R1)

WATER/SEWER ESMT (R1)

FEDERALY PROTECTED NON-DISTURBANCE AREA (R1)

WATER/SEWER ESMT (R1)

FEDERALY PROTECTED NON-DISTURBANCE AREA (R1)

WATER/SEWER ESMT (R1)

NE CORNER, SECTION 36 FOUND MCFCD ALUMINUM CAP

S89°50'15"E 2,635.42'

1,229.59'

252.66'

1,132.68'

894.96'

937.02'

EDGEMONT AVENUE

N89°49'47"W 1,057.48'

TRACT "D"

970.89'

N89°49'47"W 836.33'

SEE SHEET 6

TRACT 'B'

TRACT "A1"

APN: 502-61-980
PARCEL 11A NORTH
SIENNA HILLS
BOOK 1344, PAGE 27, MCR

APN: 502-61-981
PARCEL 11B NORTH
SIENNA HILLS
BOOK 1344, PAGE 27, MCR

5' ROADWAY EASEMENT BK. 1344, PG 27, MCR

10' LPPUE/SWE BK 1344, PG 27, MCR

212TH DRIVE

ROANOKE AVENUE

TRACT "C"

EFFECTIVE EXISTING "ZONE AE" FLOODPLAIN

EX. 10' LPPUE /SWE (R3)

EX. 40' R/W (R3)

5' ROADWAY EASEMENT (R3)

EX. 40' R/W (R3)

N

0 20 40 80

SCALE: 1"=40'

REGISTERED LAND SURVEYOR CERTIFICATE NO. 68083 DENNIS HARMON JR. DATE SIGNED 11-17-21 ARIZONA U.S.A.

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LINE & CURVE TABLES - SEE SHEET 3	AREA 111.5923 AC	PLZS - 21 - 00119	
G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 4N6N\31108003S-FP07.dwg	Job No: R311080.03	SHEET 7 OF 8	Date: 11/17/2021

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LEGEND

◙	INDICATES SECTION CORNER, AS NOTED		
◬	INDICATES CORNER OF SUBDIVISION SET 1/2" REBAR WITH CAP OF RLS# 68083		
◉	SET CENTERLINE MONUMENT. SET BRASS CAP PER MAG STD DET 120, TYPE "B" (UNLESS OTHERWISE SPECIFIED), IN CONJUNCTION WITH THE CONSTRUCTION PER THE APPROVED IMPROVEMENT PLANS.		
◎	EXISTING CENTERLINE MONUMENT		
C#	CURVE NUMBER	L#	LINE NUMBER
R/W	RIGHT-OF-WAY	COR	CORNER
SEC	SECTION	FD	FOUND
NE	NORTHEAST	SE	SOUTHEAST
NW	NORTHWEST	SW	SOUTHWEST
BK	BOOK	PG	PAGE
EXIST	EXISTING	INST	INSTRUMENT
ESMT	EASEMENT	DKT	DOCKET
LPPUE	LIMITED PURPOSE PUBLIC UTILITY EASEMENT	(R1)	FINAL PLAT FOR VERRADO PARCEL 3.101, BOOK 752, PAGE 43, MCR
MCR	MARICOPA COUNTY RECORDS	(R2)	FIRESIDE AT SIENNA HILLS MAP OF DEDICATION, BOOK 893, PAGE 11, MCR
DE	DRAINAGE EASEMENT		
PUE	PUBLIC UTILITY EASEMENT	(R3)	FINAL PLAT SIENNA HILLS – PARCEL 3B NORTH, BOOK 1344, PAGE 27, MCR
RE	ROADWAY EASEMENT		
SDE	STORM DRAIN EASEMENT	VNAE	VEHICULAR NON-ACCESS EASEMENT
SSE	SANITARY SEWER EASEMENT	VTE	VISIBILITY TRIANGLE EASEMENT
SVE	SIGHT VISIBILITY EASEMENT		
SVT	SIGHT VISIBILITY TRIANGLE	WE	WATER EASEMENT
SWE	SIDEWALK EASEMENT		

- EASEMENT LINE
- RIGHT-OF-WAY
- LOT & TRACT LINE
- CENTERLINE
- BOUNDARY LINE
- MATCH LINE
- DENOTES EXISTING FLOODPLAIN
- SECTION LINE
- MID-SECTION LINE
- (1) VISIBILITY TRIANGLE EASEMENT

APN 502-79-010Y
VERRADO ASSEMBLY
INST# 06-1685714

VERRADO PARCEL 3.101
(BOOK 752, PAGE 43, MCR)

FEDERALY PROTECTED
NON-DISTURBANCE AREA (R1)

EFFECTIVE EXISTING
"ZONE AE" FLOODPLAIN

4' PUE (R1)

DE (R1)

TRACT "EE"

DE (R1)

TRACT "B" (R1)

S89°39'34"E 2,640.92'

2,180.61'

NORTHWEST CORNER
SECTION 36, T2N-R3W
GLO BRASS CAP

N0°20'44"E 183.70'

SEE SHEET 6

N24°09'29"E 586.05'

SEE SHEET 5

N56°56'20"E 219.30'

S38°39'05"W 725.35'

S60°22'04"W 615.30'

N89°52'59"W 618.86'

L26

N0°06'57"W 2,632.58'
1,677.39'

BUREAU
OF LAND
MANAGEMENT

STATE
TRUST
LAND

TRACT "I"

REMAINDER
APN 502-61-006F
JEN ARIZONA 40, LLC
INST# 19-0525040

N

0 50 100 200
SCALE: 1"=100'

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68083
DENNIS
HARMON JR.
ARIZONA U.S.A.

LINE & CURVE TABLES - SEE SHEET 3

AREA 111.5923 AC

PLZS - 21 - 00119

SHEET 8 OF 8

Job No: R311080.03

Date: 11/17/2021

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2nd Submittal

PLZS-21-00119

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SEPT 20 2021

CITY OF BUCKEYE by: WD

FINAL PLAT NARRATIVE
FOR
SIENNA HILLS – PARCELS 4 N 6N
PLZS 20 00058

NWC McDowell Road and the 211th Avenue Alignment
Buckeye, Arizona
Prepared September 14, 2021

OWNER

JEN Arizona 40, LLC
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85282
602.374-2777
Contact: Mike Cronin

ENGINEER / PLANNER

Huitt-Zollars, Inc.
5050 North 40th Street, Suite 100
Phoenix, AZ 85018
602.252.8384
Contact: Scott Eisenhart

R311080.03

PROJECT TEAM

Land Owner:

JEN Arizona 40 LLC
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85027
602-374-2777

Developer/Applicant:

JEN Arizona 40 LLC
Attn: Mike Cronin
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85027
602-374-2777

Planning/Engineering:

Huitt-Zollars, Inc
Lawrence S. Eisenhart, PE
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Landscape Architect:

CollectiV
Jim Smith, RLA, LEED AP
1426 North 2nd Street, Suite 200
Phoenix, Arizona 85004
602.358.7711

PROJECT NARRATIVE

Executive Summary

On behalf of Jen Arizona 40 LLC, Huitt-Zollars, Inc. (HZI) respectfully submits this final plat for Parcels 4 North 6 North project referred to as "Sienna Hills Parcel 4 North 6 North". The overall Sienna Hills site is a proposed subdivision of approximately 444 acres. This portion associated with final plat application is approximately 111.6 acres. The following narrative, in conjunction with the final plat package, provides a brief description of this portion of the project, its intent, and describes current conditions and characteristics of the site.

Previously entitled Sienna Hills Community Master Plan (CMP) site is located approximately 26 miles west of the Phoenix Metropolitan Area and is adjacent to the southwest of the Verrado Master Planned Community. The project site is bound by McDowell Road to the south, the Dean Road alignment to the west, and Verrado to the north and east.

Sienna Hills CMP will add value to the City of Buckeye by providing gracious open spaces, low gross residential density, active and passive amenity, park, and recreational connectivity, various parcel sizes intended for all markets, and a landscape palette that will provide a sense of community for its residents.

Overall Site Data

The majority of the 444-acre Sienna Hills site has been built-out with the exception of 3B North which is currently under development.

The site also contains several Army Corps of Engineers 404 Jurisdictional Washes. Delineations were previously completed under the original entitlements and 404 permits have been issued and extended by SLV. No additionally planned disturbances are anticipated.

The overall site can be considered as low Sonoran Desert with elevations ranging from 1,750 at the northwest to 1,120 at the southeast. On-site slopes range from one (1) percent to twenty-five (25) percent, with approximately half of the site sloping less than five (5) percent.

In its current condition, the site is bound by the White Tank Mountains/State Land to the west, the Verrado Master Planned Community to the north and east, and vacant desert land to the east and south. The Flood Control District's Buckeye FRS Number 3 also bisects a portion of the site. Based on coordination with Staff, there are no other planned communities adjacent to the Sienna Hills Project.

Access and Circulation

The current primary access into Sienna Hills is provided by Sienna Hills Pkwy from McDowell Road to the project site's southeast corner, just north of the Swim Club in Parcel 12. There will

be two (2) connections points; 1) Sienna Hills Pkwy and 2) intersection of Roanoke Ave and 212th Ave.

Circulation patterns for the project will be consistent with the original entitlements. All improvements shall adhere to the Traffic Study completed by Task Engineering. A traffic memo has been included as part of this application.

As determined during previous entitlements, Sienna Hills Parkway (previously Fireside Parkway) provides adequate ingress/egress for the anticipated traffic demands of the Sienna Hills project. Additional ingress/egress points on McDowell Road will be provided both east and west of Sienna Hills Parkway within individual phased parcels.

As part of the Preliminary Plat approval, a gated emergency access point is being provided at the northerly boundary between Sienna Hills 4 North 6 North and Verrado. This access will require the City of Buckeye to obtain an easement across the Verrado property to the platted public streets within Verrado.

All lots and cul-de-sacs within the preliminary plat provide to sources of access via the dedication of the public improved streets.

Airport and Flight Patterns

According to original entitlement documents, the Buckeye Municipal Airport and Luke Air Force Base do not produce enough noise or flight patterns to adversely affect the site. The project is located under the return flight path from the Goldwater Ranch and planes can be as low as 1,000 feet. Therefore, noise disclosures will be included as part of the lot sale documentation, as well as dedication language on final plats.

Purpose of Request

The purpose of this application is to request Final Plat approval for this parcel within this portion of the development. Sienna Hills falls within the City's jurisdictional limits and is subject to the Sienna Hills Community Master Plans and City zoning requirements.

Based on the final plat, this parcel within Sienna Hills propose 127 single-family residential units. Table 1 displays proposed development data for this portion of Sienna Hills:

Table 1 – Development Table

					SETBACKS				
Parcel	**Land Use**	**Area (ac)**	**Lots**	**Min Lot Dimensions**	**Front to Livable**	**Front to Garage**	**Rear**	**Side**	**Lot Coverage**
4 N 6N									
4 N	LDR	28.30	72	50' x 125'	12'	20'	15'	5' & 10' – 15' Total	60%
6N	LDR	18.27	55	50' x 120'	12'	20'	15'	5' & 10' – 15' Total	55%
TOTAL		**46.57**	**127**						

Notes:

(1) Lot depth may be decreased by 10-ft on cul-de-sac and knuckle lots as long as minimum lot area is maintained.
(2) Building Setback line is the required distance between the property line and the closest point of any building. A minimum 20-foot tract along arterial streets.
(3) The rear yard setback applies only to enclosed livable areas; other projections such as patios or balconies shall have a minimum 10-foot setback.
(4) The front loaded garage setback is the required distance between the face of the garage and the back of the sidewalk.
(5) Maximum driveway width shall be 28-feet for garages with three (3) car garages. Where appropriate, shared driveways can be used for mutual benefit. Maintenance to be covered within CC&R's.

Lots 1 thru 72 will following under the current development zoning requirements for Parcel 4 North (4 N) listed in the above table, while lots 72 thru 127 will be fall under Parcel 6 North (6 N). Previous Parcel 8 of the preliminary plat will be included as Tract "I" under this final plat.

Gross Project Density

The overall projected gross density for the parcels within this portion of Sienna Hills is approximately 2.5 dwelling units per acre.

Parks and Open Space

4 North 6 North will provide its open space via dedicated open space tract, landscape tracts, storm water storage basins, drainage channels and corridors, recreational areas and natural preserve areas, including dedicating a public access trail easement for the connection from the Tortuga Trail in Skyline Regional Park to the Sienna Hills Swim Club. As shown on the preliminary plat, the open space will provide the community with active and passive opportunity for recreational enjoyment. Developer to provide enhanced recreation area to provide additional amenities for residents within the open space located within the northeast corner of Tract "H".

All basins having play areas shall have slopes no greater than 4:1. Drywells, if used, will be placed outside of usable recreation areas.

All landscaped areas will be maintained by a Homeowners' Association. Landscape design has been included as part of this final plat package and design is based upon City of Buckeye guidelines.

Water, Fire and Wastewater Services

EPCOR has expressed that capacity is available for the site and will provide water and wastewater service. As part of the project's original entitlement, master water and master wastewater designs and reports were prepared; however, water & sewer amendments to those reports have been included as part of this final plat application.

Due to topographic characteristics, Sienna Hills contains multiple water pressure zones. Connections to existing water infrastructure within the existing development and Verrado to the north are planned in order to provide domestic, irrigation and fire service to the development. This phase of construction will be provide two points of water connection.

Wastewater connection will tie into the system provided within the separate developments associated with Sienna Hills. Ultimate outfall is located at the southeast corner of the entire site within McDowell Road.

Sienna Hills falls within the City of Buckeye's fire response area limits. The water infrastructure will be designed to accommodate City fire standards. Based upon prelim nary plat approval, fire suppression systems will be installed per the project's development agreement, and will allow fire hydrant spacing to be 600-ft.

Dry Utility Service

JEN Arizona 40 LLC intends to provide private utilities to the Sienna Hills development. Anticipated utilities include telephone, cable, electricity, and natural gas. The utility providers are Qwest, Cox, APS, and Southwest Gas, respectively. Coordination with these utility providers will be completed during this final design processes.

Drainage Patterns & Requirements

Sienna Hills is bound by the White Tank Mountain foothills along the west and the north, and wraps around the Buckeye FRS Number 3. The FRS is designed to protect Interstate 10 and downstream agricultural lands from storm water runoff from the White Tank Mountains. The FRS Number 3 conveys storm water to the southwest associated with the NRCS design storm event.

Through the previous entitlement and design processes, considerable steps were taken to eliminate any possible effect the development of this property will have on FRS No. 3. Therefore, the presence of the FRS Number 3 does not restrict development on the Sienna Hills site. In addition, hydraulic modeling was completed to assure major damage to downstream housing structures would not occur from spillway outflow during a PMF flood event.

Improvements to the flow path within these areas have been made, which will aid in passing emergency spillway flow through the site.

Future homeowners will receive disclosure of the potential effects of living adjacent to a flood control structure, in compliance with the Flood Control District of Maricopa County regulations.

Drainage Patterns from northwest to southeast will be maintained and offsite drainage will be routed through the site and discharged at its historical locations.
The Site will be developed in accordance with the City of Buckeye standards. Storm drainage standards are addressed in the *Storm Water Drainage System Design Manual for the Town of Buckeye,* August 2007 (Ref. 6), *Drainage Standards and Policies for Maricopa County, Arizona,* August 2018 (Ref. 7), *Drainage Design Manual for Maricopa County, Arizona, Volume I - Hydrology,* August 2013 (Ref. 8) and the *Drainage Design Manual for Maricopa County, Arizona, Volume II - Hydraulics,* August 2013 (Ref. 9).

The development of the site will observe the following standards:

1. Natural drainage patterns will be maintained for all major watercourses. Offsite flows will enter and depart the site such that historical drainage patterns are maintained.
2. Drainage structures, culverts, or bridges for parkway, arterial, and collector roadways shall be sized to convey the 100-year storm without overtopping. Drainage structures for local roadways shall be sized to convey the 10-year storm event without overtopping.
3. Detention basins will be based on the *Drainage Design Manual for Maricopa County, Arizona - Volume II Hydraulics* (Ref. 9). Proposed detention basins shall be provided to reduce post-development flow rates such that they are equal to or less than existing peak-flow rates at the project outfall for Parcels 5N, 6N and 7B N, each of which outfall to the Buckeye FRS #3 for the 100-year storm event. A project outfall shall be defined as a natural wash corridor exiting the boundary of the site. These detention basins shall be designed and constructed as necessary with the development of individual planning units.
4. If the project will be phased, flow rates that exit the boundary of the site shall not exceed those of pre-development conditions.
5. The first 0.5-inch of direct runoff from the development shall be retained on-site to satisfy Maricopa County “first flush” requirements.
7. Local subdivision basins shall be designed with 4:1 side slopes adjacent to right-of-way and 3:1 side slopes elsewhere. All retention basins shall be limited to a maximum depth of 3-feet of water.
8. Future storm water storage basins will provide for dissipation of the entire storage volume within 36-hours following the storm event using a combination of drywells for the first flush and controlled outflow. A minimum of one (1) drywell will be required in all basins with over one-foot of depth. Storm water storage basin designs will also include provisions for safe emergency overflows.

9. Major off-site washes will not co-mingle on-site storm water storage basins but will be routed through the Site and released at the natural point of outfall.
10. Finish floor elevations shall be 1-foot above the emergency overflow elevation of any adjacent retention or detention basins or adjacent 100-year water surface elevation.
11. For Parcel 4 North only, storm water storage basins will be designed to retain the 100-year, 2-hour on-site runoff volume.

An overall preliminary drainage report has been prepared as part of this application.

Conclusion

JEN Arizona LLC and Huitt-Zollars Inc. appreciate your review of this submission and look forward to working with your staff and enhancing the City of Buckeye. We look forward to being working through the final design. If you have any questions or concerns, please do not hesitate to contact Huit-Zollars, Inc. at 602.252.8384.

02-428

LIBRARY

Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona

Prepared for

JKL Partners

Prepared by

SWCA Environmental Consultants

September 2002

ARCHAEOLOGICAL SURVEY OF APPROXIMATELY 300 ACRES FOR THE WHITE TANK MOUNTAIN FOOTHILLS DEVELOPMENT PROJECT, BUCKEYE, MARICOPA COUNTY, ARIZONA

Prepared for

Kent Olson
JKL Partners
4102 W. Hayward
Phoenix, AZ 85051

Prepared by

John M. Lindly, Ph.D.

SWCA, Inc. Environmental Consultants
2120 North Central Avenue, Suite 130
Phoenix, Arizona 85004

SWCA Cultural Resources Report No. 02-428

September 2002

PROJECT ABSTRACT

AGENCY: U. S. Army Corp of Engineers.

PROJECT TITLE: Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona (SWCA 6354-019).

PROJECT DESCRIPTION: The project involves proposed residential land development in Buckeye, Arizona.

LOCATION: The project is located in the southeast ¼ of Section 36, T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

NUMBER OF SURVEYED ACRES: 300 acres.

NUMBER OF SITES: None.

LIST OF POTENTIALLY ELIGIBLE SITES: None.

LIST OF INELIGIBLE SITES: None.

COMMENTS: No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

INTRODUCTION

This report presents the results of an archaeological survey of a proposed development north of Interstate 10 and east of Watson Road in Buckeye, Maricopa County, Arizona. The survey was conducted at the request of JKL Partners of Phoenix, Arizona to determine if any cultural resources present would be impacted by construction at this location. Approximately 300 acres of privately owned land were surveyed for this project. The U. S. Army Corps of Engineers is the lead agency coordinating the compliance process for impacts to any affected cultural resources (section 106 of the National Historic Preservation Act) because the property owners are required to apply for a permit under Section 404 of the Clean Water Act.

The project area consisted of one parcel totaling approximately 300 acres in size (Figure 1). The project is located in the southeast ¼ of Section 36 T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

PROJECT SETTING

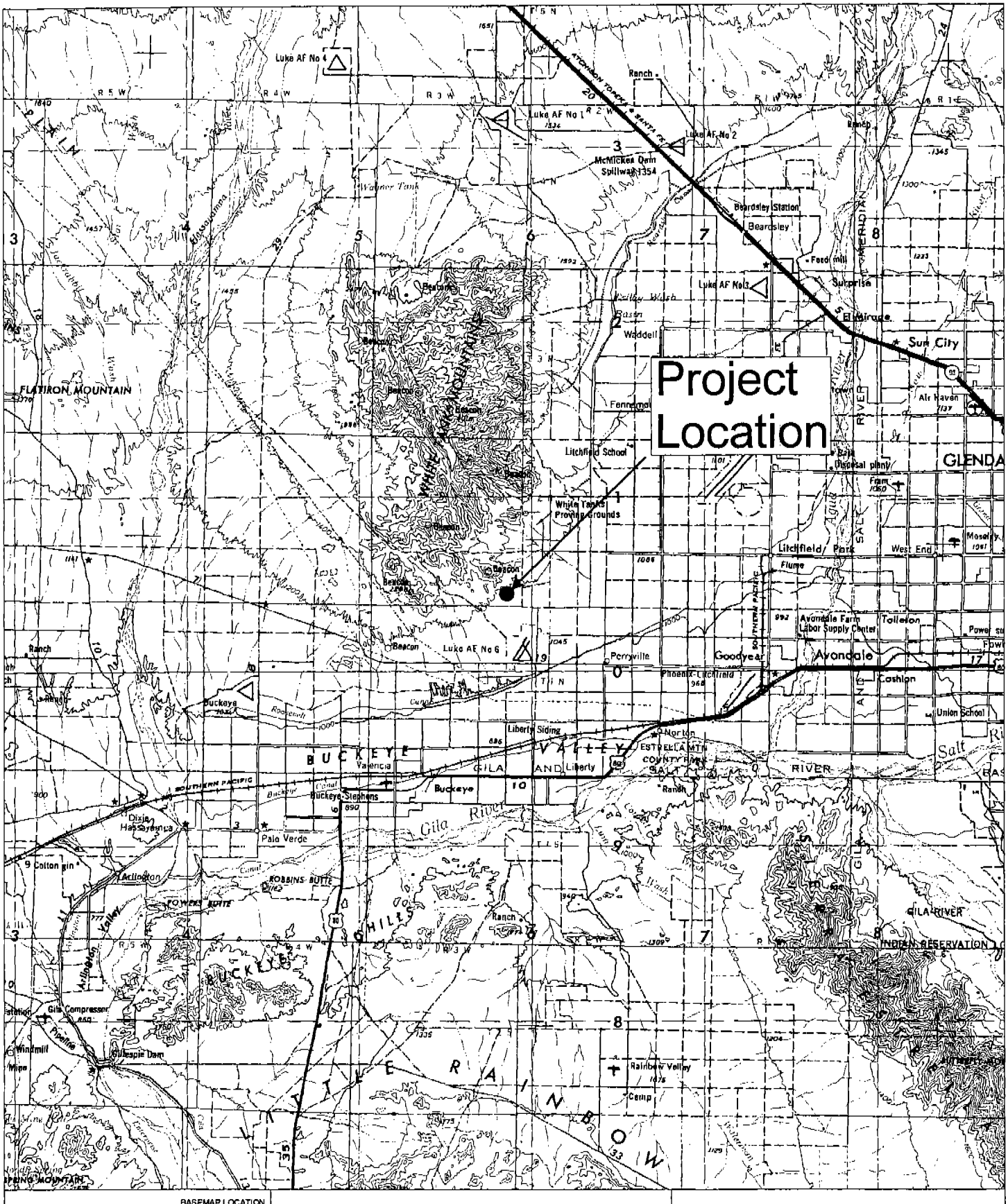
Environmental Setting

The project area is located south of the White Tank Mountains and southwest of the White Tanks Proving Grounds near Interstate 10 and Watson Road (Figure 1). Elevation of the project area ranged from 1150 to 1500 feet above mean sea level (asl). Part of this property has been used as a trash dump by local residents and for target practice by firearms owners for years.

The project area lies within the Sonoran desertscrub biome (Brown 1994) of the Lower Colorado Valley province of the Sonoran Desert (Shreve and Wiggins 1964). Vegetation representative of the area, include creosote, saguaro, mesquite, several varieties of cholla, acacia, palo verde, bursage, snakeweed rabbitbrush, and various desert grasses. Fauna known to occur in the general area include desert mule deer, desert bighorn sheep, gray fox, coyote, cottontail rabbit and jackrabbit, several species of lizards, snakes, and birds.

Cultural Setting

The project area is located in what has been termed the western desert (Stone 1986), a large, broad area stretching from west of modern Phoenix to the Colorado River. This area has received less research emphasis than other portions of the Southwest, and "presents an important but difficult problem" (Bostwick and Stone 1988:324) in terms of cultural sequences and affiliations near the geographical margins of several different cultural groups, all of which have influenced the region. The project area occurs near the western edge of Hohokam occupation, although Hohokam sites are found even further west. In addition, the northeast limits of the Papagueria, another large, arid region that has undergone a relatively small amount of research, lie slightly southwest of the project area. The Papagueria encompasses portions of northern Sonora, Mexico, and southwestern Arizona, and contains a unique, although somewhat problematical, cultural history of its own



Section 36
T. 2 N., R. 3 W.
(Maricopa County)

BASEMAP LOCATION

0 mile 5 10

0 kilometer 5 10

N

SWCA
ENVIRONMENTAL CONSULTANTS

White Tanks Mt. Foothills

Figure 1. General Location of the Project Area.

6354-019

(McGuire and Schiffer 1982).

It is within the framework of these geographical and cultural boundaries that the cultural history of the project area must be viewed. While these areas share many similarities, and indeed blend and interact, they also contain elements unique to themselves.

The earliest evidence of human occupation in the Southwest is currently from the Paleo-Indian Period, which ended approximately 9,000-10,000 years ago (Cordell 1997). In the regions surrounding the project area remains from the Paleo-Indian Period have been observed as part of separate, but similar, traditions. Evidence of the Paleo-Indian Period throughout the region is sparse, and generally consists of projectile points and other lithic tools.

Throughout the greater Southwest the Paleo-Indian Period is seen in the form of Clovis and Folsom points, generally regarded as the material remains from a widespread hunting tradition that focused on large mammals (Cordell 1997:82; McGuire and Schiffer 1982:166). Although Paleo-Indian camps have been located in southeastern Arizona (Haury 1956; Haury et al. 1959; Hemmings and Haynes 1969), remains from near the project area are rare. Isolated Clovis points have been found in central Arizona (Crownover 1994), and in the northwest Papagueria (Ezell 1954). A reworked Folsom point was recovered near Gila Bend, south of the project area (Effland et al. 1982). The only evidence of Paleo-Indian occupation from subsurface contexts was a controversially typed fluted point from Ventana Cave (Haury 1950).

Following the Paleo-Indian Period, the area was occupied by Archaic populations. While better understood than the Paleo-Indian era, the Archaic Period also suffers from problematic dating and conflicting artifact typologies. Beginning dates for the Archaic Period are unclear, but it was in place by 7000 B.C., with possibly earlier occupations (McGregor 1965:124). Ending dates for the Archaic are also somewhat vague, but are generally tied to the rise of agriculture and the production of ceramics, sometime around A.D. 1. In southern Arizona the Archaic Period has been split between two traditions that contain distinct projectile points and lithic tools. The Amargosa tradition is mainly concentrated in southern California and southwestern Arizona (Rogers 1939; Haury 1950), while the Cochise tradition is associated with southeastern Arizona (Sayles and Antevs 1941). The relationship between the two traditions is ambiguous, and materials from the various periods of each have been found to overlap geographically in places such as Ventana Cave, south of the project area (Haury 1950). It has been suggested that the two represent regional and environmental variations of the same basic toolkit (McGuire and Schiffer 1982:177-178).

Excavation of eight sites in the Harquahala Valley approximately 50 miles southwest of the project area found Archaic projectile points representative of both the Amargosa and Cochise traditions, as well as of Great Basin tradition (Bostwick 1988). Explanations of the mixture of materials included expansion of the Cochise tradition into the western desert, manufacture of similar types by the different groups, and unsystematic analysis techniques that prevent valid regional comparisons (Bostwick and Stone 1988:326-328).

The next interval of culture history within the project area is characterized by influence of the Hohokam from the south and east, and of the Patayan culture from the west. The western desert and the Papagueria have often been designated as the meeting zone of these two cultures.

The Hohokam are regarded as a hallmark prehistoric group of south central Arizona. A subsistence strategy relying on irrigated agriculture allowed a complex social system and material culture to evolve. The Hohokam are among the most extensively researched groups in the Southwest; however questions still remain, especially regarding the beginning and end of their occupation.

The core area of the Hohokam was centered along the Gila and Salt Rivers, in and around the Phoenix Basin. On the western fringe of the Phoenix Basin, numerous large Hohokam sites are found along the Gila River. These include the Gatlin and Rock Ball Court sites near Gila Bend (Wasley and Johnson 1965). The latter two sites represent the westernmost sites of the Hohokam, although trade increased the sphere of influence.

The classic Hohokam sequence is generally divided by researchers into four distinct periods, which have been further subdivided into phases. The beginnings of Hohokam culture are initially seen in the Pioneer Period, whose inception date is currently under debate by archaeologists. An early Red Mountain phase has been suggested as beginning around A.D. 1 and continuing until circa A.D. 400 (Cable and Doyel 1987; Morris 1969), and is followed by the more traditionally accepted Vahki, Estrella, Sweetwater, and Snaketown phases, that together make up the Pioneer Period (Haury 1976). The Colonial Period followed the close of the Pioneer around A.D. 550 and continued to approximately A.D. 900, containing the Gila Butte and Santa Cruz phases. The Sedentary Period, consisting of the Sacaton phase, lasted from circa A.D. 900 to 1100. The Classic Period succeeds the Sedentary Period, with dates from approximately A.D. 1100 to 1450. The Soho and Civano Phases occur within the Classic Period. A strong case has been made for a fifth period, designated the Post-Classic Polvoron phase, that would have continued from the end of the Classic Period into the 16th century (Doyel 1991; Sires 1983).

A second cultural group, roughly paralleling the time span of the Hohokam, occupied areas of the Lower Colorado River, and portions of the western desert and Papagueria. This group, known as the Patayan, has not been investigated as extensively as the Hohokam, with a resultant chronology that is less understood.

The Patayan culture first occupied the Lower Colorado River Valley sometime around A.D. 500 (Schroeder 1961). The Patayan tradition includes traits such as shallow basin metates, triangular projectile points, and red-on-buff pottery similar to the Hohokam (Rogers 1945). Patayan culture spread along the Colorado River, and by A.D. 1000 had diversified into various groups as far reaching as the Cohonina, who occupied the area south of the Grand Canyon (McGregor 1965). While it is unclear exactly what became of the Patayan culture, McGregor (1965:378) suggests it may be related to modern Yuman speaking groups. Patayan ceramics are found throughout the protohistoric period, and continue into the historic period (Waters 1982).

Following the Hohokam, and possibly coinciding with the latter stages of the Patayan, the region encompassing the project area was inhabited by a variety of groups including the western Yavapai, Papago, Pima, and the Maricopa (Bostwick 1988; Spier 1933). Studies of these groups suggest they lived in small groups, and relied on a variety of subsistence strategies including hunting and gathering, fishing, and a small amount of agriculture (McGuire and Schiffer 1982; Spier 1933:48-59). These groups continue to occupy the area on several reservations including the Gila River Indian Community, the Ak-Chin Indian Reservation, and the Gila Bend Indian Reservation.

Historic use of the area begins with Spanish missionary and mineral exploration expeditions throughout southern Arizona in the late 17th century into the 18th century, although none of these journeys are known to have passed through the project area (Walker and Bufkin 1986). The Spanish explorer Father Eusebio Francisco Kino was the first European to explore the region by roughly following the Gila and San Pedro Rivers between A.D. 1691 and 1700. Later Captain Juan Bautista de Anza and Fray Francisco Garces followed similar routes between A.D. 1774 and 1775. The first Anglo explorer to enter the region was Sylvester Pattie who with about a dozen men trapped the Gila River, approximately 20 miles to the south of the

project area, in A.D. 1826. Mining, Historic ranching and homesteading activities commenced in the latter part of the 19th century.

A check of General Land Office (GLO) and Bureau of Land Management (BLM) survey records for the area documents no roads or houses present near the project area at the time of the original survey (1936).

PREVIOUS RESEARCH

Site file searches have been conducted on AZSITE and at the Arizona State Museum (ASM) and the State Historic Preservation Office (SHPO) to determine the location and content of any previously recorded sites or archaeological work within one-half mile of the project area. Four previously recorded sites and two surveys were recorded adjacent to the project area (Figure 2). A brief review of the modern surveys reported for the area is provided in Table 1.

Table 1. List of surveys that have been conducted partly or wholly within one-half mile of the project area .

Report title	Resources found in study area
Rosenberg, Bettina H., 1984. *Inventory Report for Material Source 8486, Maricopa County, Arizona.* Arizona Department of Transportation, Phoenix.	AZ T:10:72 (ASM)
Dobschuetz, Kris and Daniel Garcia, 2000. *An Cultural Resource Survey of the Proposed Airport Road Interchange on I-10, Maricopa County, Arizona.* Report No. 97-227:141, Ecoplan Inc., Phoenix.	None

AZ T:10:72 (ASM) was located in a survey south of the project area (Rosenberg 1984). Three sites not associated with modern surveys were located south of the project area: AZ T:10:17 (ASM), AZ T:10:6 (ASU) and AZ T:10:4 (ASU). AZ T:10:4 (ASU) and AZ T:10:6 (ASU) were documented by ASU as sherd scatters in 1996 but there is no additional information about them. AZ T:10:17 (ASM) is listed as an artifact scatter of unknown origin but the additional site information file is missing at ASM.

SURVEY METHODS AND RESULTS

The project area was surveyed between September 17-19, 2002 by SWCA archaeologists John Lindly, Cara Schmidt, Matthew Peters and Cynthia Keller. Parallel transects spaced at 20 m intervals were walked in both north-south and east-west directions, depending on topography, throughout the project area to provide complete (100%) coverage. A Garmin GPS unit and Silva compass were used to align the transects, notes were taken on the project setting, and a USGS 7.5' topographical map was used. No sites and 16 isolated occurrences were found within the project area.

Isolated Occurrences

The isolated occurrences found within the project area are described in Table 2. Their locations are shown on Figure 2.

Table 2. Isolated occurrences found within the project area.

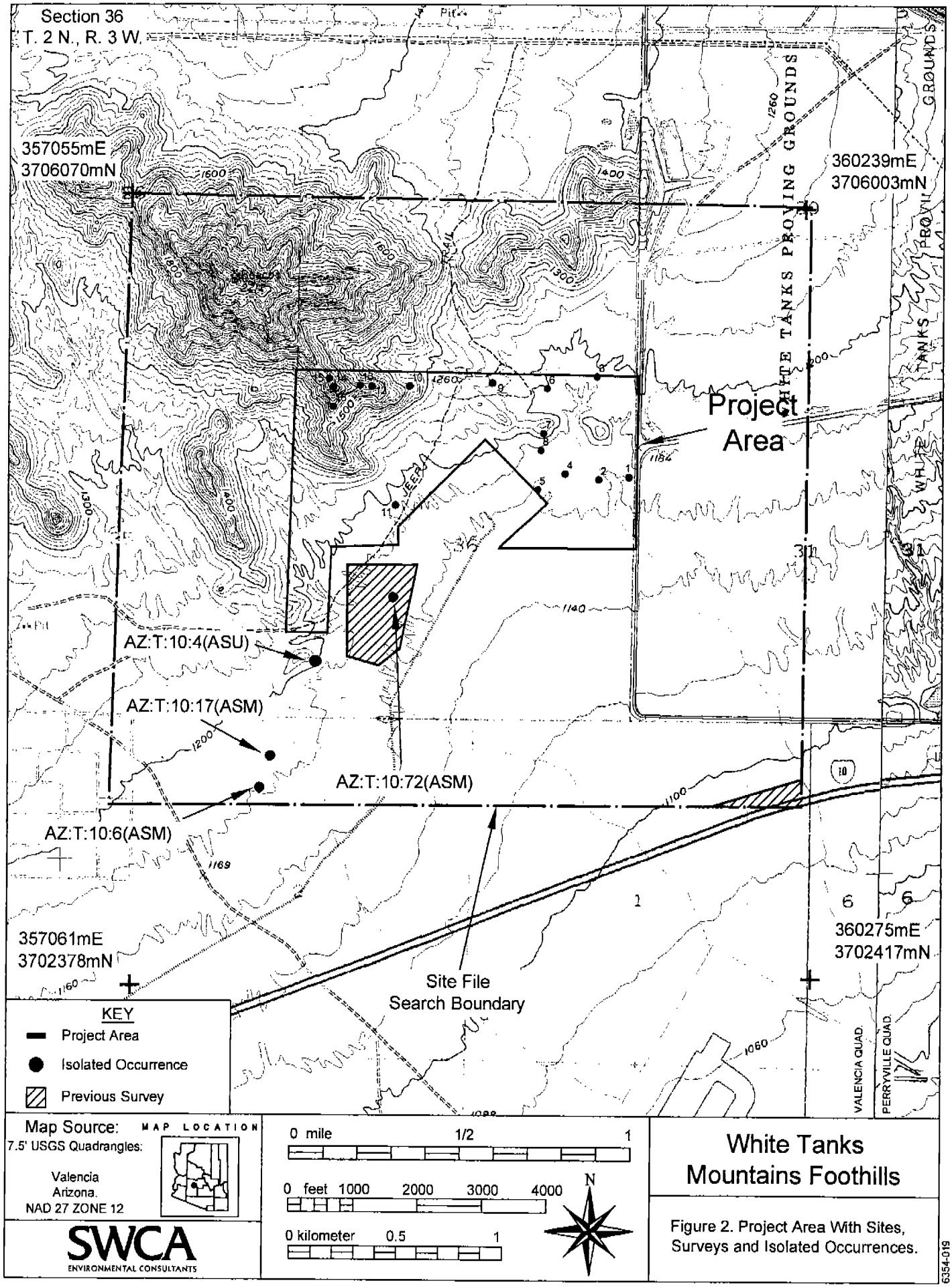
Isolated Occurrences	Description
1	1 chopper/core, basalt
2	30 Gila Plain ware, Gila variety – possible pot break 2 buff ware 1 tertiary flake, chert
3	1 tertiary flake, quartzite
4	9 Gila plain ware, Gila variety
5	rock pile – 80 x 76 cm in size, 50+ rocks avg. 10-20 cm in size each
6	1 Gila plain ware, Gila variety
7	2 petroglyphs on a single rock
8	2 historic ware – black decoration on yellow slip
9	1 petroglyph on single rock
10	rock pile – 1.7 x 1.4 m in size, 15-20 stones avg. 10-20 cm in size
11	prospect, 5 x 5 m in size
12	rock pile – 1.5 x 1 m in size, 20-25 stones avg. 20-50 cm in size
13	rock ring – 2 x 1.5 m in size, 15 slab-like stones, 50 cm to 75 cm in size, placed upright in ring
14	rock cairn – 75 cm high composed of 10-15 stones
15	rock pile – 2 m x 75 cm – 20-30 stones, 5 to 30 cm in size
16	rock feature – approximately 50 stones placed to form the letters "C" and "A"

SUMMARY AND RECOMMENDATIONS

An archaeological survey of approximately 300 acres for a proposed development in Buckeye, Arizona documented 16 isolated occurrences. There were large accumulations of trash from recent to modern periods (1960s to present) that had little or no structural integrity. The prehistoric artifacts included 4 incidences of ceramics and four of lithics. The prehistoric ceramics were identified as Gila Plain (Gila variety) and historic Euro American sherds. The two types of ceramics suggest prehistoric Hohokam groups and historic imigrants utilized this area in a limited way. No diagnostic sherds were identified but it is likely that much of the

prehistoric and historic use of this area occurred between A.D. 700-1200 and 1920-1950.

Documentation has exhausted the research potential of the isolated occurrences and no further work is recommended for them. However, if buried cultural resources should be encountered during work within these areas all ground disturbing activities should immediately cease until the nature of the remains can be evaluated by a professional archaeologist.


Section 36
T. 2 N., R. 3 W.
357055mE
3706070mN
360239mE
3706003mN
Project Area
AZ:T:10:4(ASU)
AZ:T:10:17(ASM)
AZ:T:10:72(ASM)
AZ:T:10:6(ASM)
357061mE
3702378mN
360275mE
3702417mN
Site File Search Boundary
WHITE TANKS PROVING GROUNDS
JEEP TRAIL
VALENCIA QUAD.
PERRYVILLE QUAD.
KEY
Project Area
Isolated Occurrence
Previous Survey
Map Source:
7.5' USGS Quadrangles:
Valencia
Arizona.
NAD 27 ZONE 12
MAP LOCATION
0 mile 1/2 1
0 feet 1000 2000 3000 4000
0 kilometer 0.5 1
N
SWCA
ENVIRONMENTAL CONSULTANTS
White Tanks Mountains Foothills
Figure 2. Project Area With Sites, Surveys and Isolated Occurrences.
6354-019

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DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8621
azwater.gov

PLZS-21-00119

3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

Via Electronic and Certified Mail

September 4, 2019

Michele Van Quathem
Law Offices of Michele Van Quathem, PLLC
7600 N 15th Street, Suite 150-30
Phoenix, AZ 85020

Re: Certificate of Assured Water Supply
Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
DWR File No. 29-500015.0012

Dear Ms. Van Quathem:

The Arizona Department of Water Resources (Department) has determined that the criteria for an Assured Water Supply pursuant to A.R.S. § 45-576 and A.A.C. R12-15-701 et seq. have been met, and therefore the Director has decided to issue Assured Water Supply Certificate No.29-500015.0012. EPCOR - Agua Fria will provide the water supply to the lots. The source of supply will be groundwater. Based on current information, the Department has determined that the subdivision's total projected demand is 58.22 acre-feet per year for 139 lots, and the groundwater allowance for the 100-year period is 116.44 acre-feet. The Certificate is attached. The Department suggests you record your Certificate of Assured Water Supply in the appropriate county recorder's office. This will provide you with a permanent public record of the Certificate.

This determination is applicable only to the person or entity specified on the Certificate and for the plat reviewed by the Department. Information used in evaluating this application is available for review in the Department's files. Please contact us if questions arise.

Pursuant to A.R.S. § 41-1092.03, the Department is notifying you that the Director's determination and decision to issue the Certificate is an appealable agency action. You are entitled to appeal this action. If you wish to appeal this action, you must file a written appeal within thirty (30) days from receipt of this letter. I am providing you with a summary of the appeal process and an appeal form, should you elect to pursue this option.

Sincerely,

David L. McKay
Manager, AAWS & Recharge Permitting

DLM/evs

CC: Via Electronic Mail:

CAGRD
Arizona Department of Real Estate
Arizona Corporation Commission
Arizona Department of Environmental Quality
Arizona State Land Department

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
CERTIFICATE OF ASSURED WATER SUPPLY

This is to certify that

JEN Arizona 40, LLC, an Arizona limited liability company, Owner,

has met the requirements of A.R.S. §§ 45-576 and A.A.C.R12-15-701 et. seq., and

By powers vested in the Director of the Arizona Department of Water Resources by the State of Arizona, and subject to the conditions contained in A.A.C. R12-15-701 et seq.,

Is issued this Certificate of Assured Water Supply for

Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
Township 2 North, Range 3 West, Section 36
GSRB&M Maricopa County, PHOENIX AMA

The referenced subdivision consists of **139 lots** as described in the preliminary plat on file with the Department, and has an estimated water demand of **58.22 acre-feet per year.** The subdivision will be served **groundwater** by **EPCOR - Agua Fria.**

This Certificate is invalid as to any entity not named above.
This Certificate may be assigned pursuant to A.A.C. R12-15-705.

Certificate Number: 29-500015.0012
Original Issue Date: August 6, 2007

ARIZONA DEPARTMENT OF WATER RESOURCES

David L. Mitchell
Program Manager

09/04/19
Date

TYPE A CERTIFICATE

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8621
azwater.gov

PLZS-21-00119

3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

Via Electronic and Certified Mail

September 4, 2019

Michele Van Quathem
Law Offices of Michele Van Quathem, PLLC
7600 N 15th Street, Suite 150-30
Phoenix, AZ 85020

Re: Certificate of Assured Water Supply
Sienna Hills, Unit I Parcels 4 North & 7A North
DWR File No. 29-700716.0001

Dear Ms. Van Quathem:

The Arizona Department of Water Resources (Department) has determined that the criteria for an Assured Water Supply pursuant to A.R.S. § 45-576 and A.A.C. R12-15-701 et seq. have been met, and therefore the Director has decided to issue Assured Water Supply Certificate No.29-700716.0001. EPCOR - Agua Fria will provide the water supply to the lots. The source of supply will be groundwater. Based on current information, the Department has determined that the subdivision's total projected demand is 63.18 acre-feet per year for 84 lots, and the groundwater allowance for the 100-year period is 126.36 acre-feet. The Certificate is attached. The Department suggests you record your Certificate of Assured Water Supply in the appropriate county recorder's office. This will provide you with a permanent public record of the Certificate.

This determination is applicable only to the person or entity specified on the Certificate and for the plat reviewed by the Department. Information used in evaluating this application is available for review in the Department's files. Please contact us if questions arise.

Pursuant to A.R.S. § 41-1092.03, the Department is notifying you that the Director's determination and decision to issue the Certificate is an appealable agency action. You are entitled to appeal this action. If you wish to appeal this action, you must file a written appeal within thirty (30) days from receipt of this letter. I am providing you with a summary of the appeal process and an appeal form, should you elect to pursue this option.

Sincerely,

David L. McKay
Manager, AAWS & Recharge Permitting

DLM/evs

CC: Via Electronic Mail:

CAGRD
Arizona Department of Real Estate
Arizona Corporation Commission
Arizona Department of Environmental Quality
Arizona State Land Department

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
CERTIFICATE OF ASSURED WATER SUPPLY

This is to certify that

JEN Arizona 40, LLC, an Arizona limited liability company, Owner,

has met the requirements of A.R.S. §§ 45-576 and A.A.C.R12-15-701 et. seq., and

By powers vested in the Director of the Arizona Department of Water Resources by the State of Arizona, and subject to the conditions contained in A.A.C. R12-15-701 et seq.,

Is issued this Certificate of Assured Water Supply for

Sienna Hills, Unit I Parcels 4 North & 7A North
Township 2 North, Range 3 West, Section 36
GSRB&M Maricopa County, PHOENIX AMA

The referenced subdivision consists of **84 lots** as described in the preliminary plat on file with the Department, and has an estimated water demand of **63.18 acre-feet per year.** The subdivision will be served **groundwater** by **EPCOR - Agua Fria.**

This Certificate is invalid as to any entity not named above.
This Certificate may be assigned pursuant to A.A.C. R12-15-705.

Certificate Number: 29-700716.0001
Original Issue Date: April 4, 2012

ARIZONA DEPARTMENT OF WATER RESOURCES

Program Manager

09/04/19
Date

TYPE A CERTIFICATE

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.Q. PLZS-21-00125 Sienna Hills Parcel 5 North Final Plat
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 6
STAFF LIAISON: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220	
DEPARTMENT: Development Services	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on a final plat titled Sienna Hills - Parcel 5 North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

ADDITIONAL RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

SUMMARY

PROJECT DESCRIPTION:
Huitt-Zollars, Inc., on behalf of JEN Arizona 40 LLC, is requesting final plat approval of a 19.16-acre property located at the northwest corner of McDowell Road and the 211th Ave alignment. This plat is part of the Sienna Hills 444-acre Community Master Plan, the majority of the CMP has been built-out with an exception of parcel 3B North which is currently under development. The proposed plat includes 49 lots consisting of 60-foot wide lots. The overall density is 2.53 dwelling units per acre which is consistent with the overall CMP development standards. Sienna Hills, at build-out, will have a total of 1,112 lots, one charter school, a community park, a community swimming pool and a gym. This plat will include new pedestrian sidewalks and natural trails, that will connect with the Sienna Hills existing trail network. The final plat is consistent with the approved Sienna Hills Preliminary Plat.

Primary access to the proposed development site will be from the existing Sienna Hills Parkway off of McDowell Road to the projects site's southwest corner, just north of the swim club; this plat will connect with Parcel 4N 6N at intersection Cambridge Avenue and 215th Drive.

BENEFITS:
Approval of this plat will create new lots for development for future single family residential homes.

FUTURE ACTION:
None.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:

N/A

FISCAL YEAR:
N/A

FUND/DEPARTMENT:
N/A

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:

2R PLZS-21-00125 - NARRATIVE.pdf
3R PLZS-21-00125 Sienna Hills 5N Final Plat - Plat.pdf
SIENNA HILLS Unit 2 Parcels 5 North, 6 North, 7B North CAWS.pdf
SWCA Archaeology report - White Tank Mountian Foothills.pdf
Sienna Hills Vicinity Map.pdf

FINAL PLAT NARRATIVE
FOR
SIENNA HILLS – PARCELS 5N
PLZS 20 00058

NWC McDowell Road and the 211th Avenue Alignment
Buckeye, Arizona
Prepared May 6, 2021

OWNER

JEN Arizona 40, LLC
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85282
602.374-2777
Contact: Mike Cronin

ENGINEER / PLANNER

Huitt-Zollars, Inc.
5050 North 40th Street, Suite 100
Phoenix, AZ 85018
602.252.8384
Contact: Scott Eisenhart

R311080.03

PROJECT TEAM

Land Owner:

JEN Arizona 40 LLC
2222 West Pinnacle Peak Road, Suite 140
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Developer/Applicant:

JEN Arizona 40 LLC
Attn: Mike Cronin
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85027
602-374-2777

Planning/Engineering:

Huitt-Zollars, Inc
Lawrence S. Eisenhart, PE
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Phoenix, Arizona 85018
602.252.8384

Landscape Architect:

CollectiV
Jim Smith, RLA, LEED AP
1426 North 2nd Street, Suite 200
Phoenix, Arizona 85004
602.358.7711

PROJECT NARRATIVE

Executive Summary

On behalf of Jen Arizona 40 LLC, Huitt-Zollars, Inc. (HZI) respectfully submits this final plat for Parcels 5 North project referred to as "Sienna Hills Parcel 5 North". The overall Sienna Hills site is a proposed subdivision of approximately 444 acres. This portion associated with final plat application is approximately 19.36 acres. The following narrative, in conjunction with the final plat package, provides a brief description of this portion of the project, its intent, and describes current conditions and characteristics of the site.

Previously entitled Sienna Hills Community Master Plan (CMP) site is located approximately 26 miles west of the Phoenix Metropolitan Area and is adjacent to the southwest of the Verrado Master Planned Community. The project site is bound by McDowell Road to the south, the Dean Road alignment to the west, and Verrado to the north and east.

Sienna Hills CMP will add value to the City of Buckeye by providing gracious open spaces, low gross residential density, active and passive amenity, park, and recreational connectivity, various parcel sizes intended for all markets, and a landscape palette that will provide a sense of community for its residents.

Overall Site Data

The majority of the 444-acre Sienna Hills site has been built-out with the exception of 3B North which is currently under development.

The site also contains several Army Corps of Engineers 404 Jurisdictional Washes. Delineations were previously completed under the original entitlements and 404 permits have been issued and extended by SLV. No additionally planned disturbances are anticipated.

The overall site can be considered as low Sonoran Desert with elevations ranging from 1,750 at the northwest to 1,120 at the southeast. On-site slopes range from one (1) percent to twenty-five (25) percent, with approximately half of the site sloping less than five (5) percent.

In its current condition, the site is bound by the White Tank Mountains/State Land to the west, the Verrado Master Planned Community to the north and east, and vacant desert land to the east and south. The Flood Control District's Buckeye FRS Number 3 also bisects a portion of the site. Based on coordination with Staff, there are no other planned communities adjacent to the Sienna Hills Project.

Access and Circulation

The current primary access into Sienna Hills is provided by Sienna Hills Pkwy from McDowell Road to the project site's southeast corner, just north of the Swim Club in Parcel 12. There will

be two (2) connections points; 1) Sienna Hills Pkwy and 2) intersection of Roanoke Ave and 212th Ave.

Circulation patterns for the project will be consistent with the original entitlements. All improvements shall adhere to the Traffic Study completed by Task Engineering. A traffic memo has been included as part of this application.

As determined during previous entitlements, Sienna Hills Parkway (previously Fireside Parkway) provides adequate ingress/egress for the anticipated traffic demands of the Sienna Hills project. Additional ingress/egress points on McDowell Road will be provided both east and west of Sienna Hills Parkway within individual phased parcels.

All lots and cul-de-sacs within the preliminary plat provide to sources of access via the dedication of the public improved streets.

Airport and Flight Patterns

According to original entitlement documents, the Buckeye Municipal Airport and Luke Air Force Base do not produce enough noise or flight patterns to adversely affect the site. The project is located under the return flight path from the Goldwater Ranch and planes can be as low as 1,000 feet. Therefore, noise disclosures will be included as part of the lot sale documentation, as well as dedication language on final plats.

Purpose of Request

The purpose of this application is to request Final Plat approval for this parcel within this portion of the development. Sienna Hills falls within the City's jurisdictional limits and is subject to the Sienna Hills Community Master Plans and City zoning requirements.

Based on the final plat, this parcel within Sienna Hills propose 49 single-family residential units. Table 1 displays proposed development data for this portion of Sienna Hills:

Table 1 – Development Table

					SETBACKS				
Parcel	**Land Use**	**Area (ac)**	**Lots**	**Min Lot Dimensions**	**Front to Livable**	**Front to Garage**	**Rear**	**Side**	**Lot Coverage**
5N	LDR	19.36	49	60' x 120'	12'	20'	15'	5' & 10' – 15' Total	55%
TOTAL		**46.57**	**127**						

Notes:

(1) Lot depth may be decreased by 10-ft on cul-de-sac and knuckle lots as long as minimum lot area is maintained.

(2) Building Setback line is the required distance between the property line and the closest point of any building. A minimum 20-foot tract along arterial streets.

(3) The rear yard setback applies only to enclosed livable areas; other projections such as patios or balconies shall have a minimum 10-foot setback.
(4) The front loaded garage setback is the required distance between the face of the garage and the back of the sidewalk of property line, whichever is closer.
(5) Maximum driveway width shall be 28-feet for garages with three (3) car garages. Where appropriate, shared driveways can be used for mutual benefit. Maintenance to be covered within CC&R's.

Gross Project Density

The overall projected gross density for the parcels within this portion of Sienna Hills is approximately 2.53 dwelling units per acre.

Parks and Open Space

5 North will provide its open space via dedicated open space tract, landscape tracts, storm water storage basins, drainage channels and corridors, recreational areas, and natural preserve areas.

All basins having play areas shall have slopes no greater than 4:1. Drywells, if used, will be placed outside of usable recreation areas.

All landscaped areas will be maintained by a Homeowners' Association. Landscape design has been included as part of this final plat package and design is based upon City of Buckeye guidelines.

Water, Fire and Wastewater Services

EPCOR has expressed that capacity is available for the site and will provide water and wastewater service. As part of the project's original entitlement, master water and master wastewater designs and reports were prepared; however, water & sewer amendments to those reports have been included as part of this final plat application.

Due to topographic characteristics, Sienna Hills contains multiple water pressure zones. Connections to existing water infrastructure within the existing development and Verrado to the north are planned in order to provide domestic, irrigation and fire service to the development. This phase of construction will be provide two points of water connection.

Wastewater connection will tie into the system provided within the separate developments associated with Sienna Hills. Ultimate outfall is located at the southeast corner of the entire site within McDowell Road.

Sienna Hills falls within the City of Buckeye's fire response area limits. The water infrastructure will be designed to accommodate City fire standards. Based upon prelim nary plat approval, fire suppression systems will be installed per the project's development agreement, and will allow fire hydrant spacing to be 600-ft.

Dry Utility Service

JEN Arizona 40 LLC intends to provide private utilities to the Sienna Hills development. Anticipated utilities include telephone, cable, electricity, and natural gas. The utility providers are Qwest, Cox, APS, and Southwest Gas, respectively. Coordination with these utility providers will be completed during this final design processes.

Drainage Patterns & Requirements

Sienna Hills is bound by the White Tank Mountain foothills along the west and the north, and wraps around the Buckeye FRS Number 3. The FRS is designed to protect Interstate 10 and downstream agricultural lands from storm water runoff from the White Tank Mountains. The FRS Number 3 conveys storm water to the southwest associated with the NRCS design storm event.

Through the previous entitlement and design processes, considerable steps were taken to eliminate any possible effect the development of this property will have on FRS No. 3. Therefore, the presence of the FRS Number 3 does not restrict development on the Sienna Hills site. In addition, hydraulic modeling was completed to assure major damage to downstream housing structures would not occur from spillway outflow during a PMF flood event. Improvements to the flow path within these areas have been made, which will aid in passing emergency spillway flow through the site.

Future homeowners will receive disclosure of the potential effects of living adjacent to a flood control structure, in compliance with the Flood Control District of Maricopa County regulations.

Drainage Patterns from northwest to southeast will be maintained and offsite drainage will be routed through the site and discharged at its historical locations.
The Site will be developed in accordance with the City of Buckeye standards. Storm drainage standards are addressed in the *Storm Water Drainage System Design Manual for the Town of Buckeye,* August 2007 (Ref. 6), *Drainage Standards and Policies for Maricopa County, Arizona,* August 2018 (Ref. 7), *Drainage Design Manual for Maricopa County, Arizona, Volume I - Hydrology,* August 2013 (Ref. 8) and the *Drainage Design Manual for Maricopa County, Arizona, Volume II - Hydraulics,* August 2013 (Ref. 9).

The development of the site will observe the following standards:

1. Natural drainage patterns will be maintained for all major watercourses. Offsite flows will enter and depart the site such that historical drainage patterns are maintained.
2. Drainage structures, culverts, or bridges for parkway, arterial, and collector roadways shall be sized to convey the 100-year storm without overtopping. Drainage structures for local roadways shall be sized to convey the 10-year storm event without overtopping.

3. Detention basins will be based on the *Drainage Design Manual for Maricopa County, Arizona - Volume II Hydraulics* (Ref. 9). Proposed detention basins shall be provided to reduce post-development flow rates such that they are equal to or less than existing peak-flow rates at the project outfall for Parcels 5N, 6N and 7B N, each of which outfall to the Buckeye FRS #3 for the 100-year storm event. A project outfall shall be defined as a natural wash corridor exiting the boundary of the site. These detention basins shall be designed and constructed as necessary with the development of individual planning units.
4. Flow rates that exit the boundary of the site shall not exceed those of pre-development conditions.
5. The first 0.5-inch of direct runoff from the development shall be retained on-site to satisfy Maricopa County "first flush" requirements.
7. Local subdivision basins shall be designed with 4:1 side slopes adjacent to right-of-way and 3:1 side slopes elsewhere. All retention basins shall be limited to a maximum depth of 3-feet of water.
8. Future storm water storage basins will provide for dissipation of the entire storage volume within 36-hours following the storm event using a combination of drywells for the first flush and controlled outflow. A minimum of one (1) drywell will be required in all basins with over one-foot of depth. Storm water storage basin designs will also include provisions for safe emergency overflows.
9. Major off-site washes will not co-mingle on-site storm water storage basins but will be routed through the Site and released at the natural point of outfall.
10. Finish floor elevations shall be 1-foot above the emergency overflow elevation of any adjacent retention or detention basins or adjacent 100-year water surface elevation.

A drainage report has been prepared as part of this application.

Conclusion

JEN Arizona LLC and Huitt-Zollars Inc. appreciate your review of this submission and look forward to working with your staff and enhancing the City of Buckeye. We look forward to being working through the final design. If you have any questions or concerns, please do not hesitate to contact Huit-Zollars, Inc. at 602.252.8384.

FINAL PLAT
FOR
"SIENNA HILLS - PARCEL 5 NORTH"

SITUATED IN A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA

DEDICATION

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER"), HAS SUBDIVIDED UNDER THE NAME "SIENNA HILLS – PARCEL 5 NORTH", A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA, AS SHOWN PLATTED HEREON, AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF "SIENNA HILLS – PARCEL 5 NORTH", HEREBY DECLARES THAT SAID PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE LOTS, STREETS, TRACTS, AND EASEMENTS CONSTITUTING SAME AND THAT EACH LOT, STREET, TRACT, AND EASEMENT SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH, RESPECTIVELY ON SAID PLAT. JEN ARIZONA 40 LLC., AS OWNER, HEREBY DEDICATES TO THE PUBLIC FOR USE AS SUCH THE STREETS, AND EASEMENTS AS SHOWN ON SAID PLAT AND INCLUDED IN THE ABOVE DESCRIBED PREMISES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE FEE TITLE TO ALL PUBLIC RIGHT–OF–WAYS AS SHOWN ON THE PLAT.

ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY OWNER WITHIN THE PUBLIC RIGHT–OF–WAYS, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF BUCKEYE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY OF BUCKEYE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL ACTION.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ROADWAY EASEMENT AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING STREETS PER THE CITY OF BUCKEYE ENGINEERING DESIGN STANDARDS.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ACCESS EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF EMERGENCY AND SERVICE TYPE VEHICLE ACCESS.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS LIMITED PURPOSE PUBLIC UTILITY EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIDEWALK EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING SIDEWALKS.

PERPETUAL WATER AND SEWER EASEMENT ("EASEMENTS") AS DESCRIBED IN THE PLAT ARE GRANTED TO EPCOR WATER ARIZONA, INC. AND ITS SUCCESSORS AND ASSIGNS (COLLECTIVELY, "GRANTEE"), TO CONSTRUCT, OPERATE, AND MAINTAIN WATER AND SEWER LINES AND APPURTENANT FACILITIES (COLLECTIVELY, "FACILITIES") UPON, ACROSS, OVER AND UNDER THE SURFACE OF THE EASEMENTS, TOGETHER WITH THE RIGHT TO OPERATE, REPAIR, REPLACE, MAINTAIN, AND REMOVE THE FACILITIES FROM THE PREMISES; TO ADD OR TO ALTER THE FACILITIES, AND TO PROVIDE GRANTEE WITH REASONABLE INGRESS AND EGRESS TO THE FACILITIES. GRANTEE WILL HAVE UNRESTRICTED ACCESS TO THE EASEMENT FOR THE ACTIVITIES DESCRIBED ABOVE AND FORMAL NOTIFICATION OR APPROVAL BY ANY ASSOCIATION PRIOR TO ACCESSING THE EASEMENT WILL NOT BE REQUIRED.

THE WATER EASEMENTS (WE) ARE GRANTED SUBJECT TO THE CONDITION THAT GRANTEE SHALL HOLD GRANTOR'S SUCCESSORS AND ASSIGNS HARMLESS FROM ANY AND ALL DAMAGES, CLAIMS, LIABILITIES OR EXPENSES WHICH MAY RESULT FROM GRANTEE'S USE OF THE WATER EASEMENTS. BY ACCEPTING THE WATER EASEMENTS, THE GRANTEE AGREES TO EXERCISE REASONABLE CARE TO AVOID DAMAGE TO THE PREMISES AND ALL PROPERTY THAT MAY AT ANY TIME BE THEREON.

GRANTOR SHALL NOT ERECT OR CONSTRUCT OR PERMIT TO BE ERECTED OR CONSTRUCTED ANY BUILDING, STRUCTURE OR SIMILAR IMPROVEMENT WITHIN THE LIMITS OF THE EASEMENT GRANTED HEREIN, GRANTOR SHALL NOT, NOR PERMIT, THE GRADE OVER GRANTEE'S FACILITIES TO BE SUBSTANTIALLY ALTERED WITHOUT, IN EACH INSTANCE, THE PRIOR WRITTEN CONSENT OF GRANTEE, AND GRANTOR AGREES THAT NO OTHER PIPES OR CONDUIT SHALL BE PLACED WITHIN THE PREMISES SUBJECT TO THE EASEMENT GRANTED HEREIN, EXCEPT PIPES CROSSING GRANTEE'S FACILITIES AT RIGHT ANGLES, IN WHICH CASE, A MINIMUM VERTICAL DISTANCE OF TWO (2) FEET (AS MEASURED FROM THE CLOSEST POINTS ON THE OUTSIDE EDGES) SHALL BE MAINTAINED BETWEEN GRANTEE'S FACILITIES AND SUCH OTHER PIPES OR CONDUITS. UNLESS GRANTEE EXPRESSLY CONSENTS IN WRITING OTHERWISE, ANY AND ALL SEWER PIPES CROSSING THE EASEMENT GRANTED HEREIN SHALL BE LAID BELOW GRANTEE'S FACILITIES. HOWEVER, GRANTOR SHALL HAVE THE RIGHT TO CONSTRUCT AND ERECT FENCES, TO INSTALL LANDSCAPING, PARKING FACILITIES AND DRIVEWAYS, AND TO ESTABLISH OTHER USES WHICH ARE NOT INCONSISTENT WITH USES WITHIN THE LIMITS OF SAID EASEMENT IN A MANNER WHICH WILL NOT UNREASONABLY INTERFERE WITH GRANTEE'S ACCESS TO THE FACILITIES.

THIS FINAL PLAT HEREBY GRANTS TO THE SIENNA HILLS HOMEOWNERS' ASSOCIATION, A NON–EXCLUSIVE EASEMENT OVER THOSE PORTIONS OF THE PROPERTY DESIGNATED AS TRACTS "A" AND "C" THROUGH "G", INCLUSIVE FOR PURPOSES OF ACCESSING, MAINTAINING, REPAIRING AND REPLACING ALL OR ANY PORTION OF THE IRRIGATION SYSTEM THAT PROVIDES WATER TO LANDSCAPING WITHIN THE PUBLIC RIGHT–OF–WAY. THE IRRIGATION SYSTEM INCLUDES ITS WATER DELIVERY INFRASTRUCTURE, TIMERS, ELECTRICAL SUPPLY AND ANY ASSOCIATED LIGHTING. IF THE SIENNA HILLS HOMEOWNERS' ASSOCIATION ENTERS THOSE PORTIONS OF THE PROPERTY DESIGNATED AS COMMON AREAS, THE SIENNA HILLS HOMEOWNERS' ASSOCIATION SHALL RESTORE, AT ITS EXPENSE ANY PORTIONS OF THESE TRACTS TO ITS CONDITION PRIOR TO SUCH ENTRY.

THE CITY OF BUCKEYE IS HEREBY GRANTED AN EASEMENT FOR MAINTENANCE OF LANDSCAPING, DRAINAGE AND RETENTION AREAS ON TRACTS "A", "E", "F" AND "G". THIS EASEMENT MAY BE EXERCISED BY THE CITY OF BUCKEYE AT ANY SUCH TIME WHEN THE SIENNA HILLS HOMEOWNERS' ASSOCIATION FAILS TO EXIST AND PROVIDE THE REQUIRED MAINTENANCE AND OPERATION OF LANDSCAPING DRAINAGE AND RETENTION AREAS. AS LONG AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION IS IN EXISTENCE IT IS RESPONSIBLE FOR PROVIDING ALL MAINTENANCE OF LANDSCAPING, DRAINAGE AND RETENTION AREAS REGARDLESS OF THE GRANTING OF THE EASEMENT.

THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS, AND PARKS SHALL BE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION."

MAINTENANCE OF DRAINAGE STRUCTURES AND OTHER DRAINAGE FACILITIES OUTSIDE OF PUBLIC RIGHT–OF–WAY ARE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION"

THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHT–OF–WAYS, INCLUDING; LANDSCAPED MEDIANS, WITH COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY OWNER.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VIABILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS AS PER THE ENGINEERING DESIGN STANDARDS.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF.

TRACTS "A" AND "C" THROUGH "G", INCLUSIVE ARE HEREBY DECLARED AS COMMON AREAS FOR THE PURPOSES SHOWN AND FOR THE USE AND ENJOYMENT OF THE LOT OWNERS AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR "SIENNA HILLS" TO BE HEREAFTER RECORDED, AND WILL BE OWNED AND MAINTAINED BY THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION". THE TRACTS THAT WILL NOT BE CONVEYED TO THE CITY OF BUCKEYE AND ALL COMMON PROPERTY SHALL BE APPROVED BY THE CITY OF BUCKEYE AND SHALL BE CONVEYED BY WARRANTY (OR SPECIAL WARRANTY DEED) TO THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION." DWELLING UNITS SHALL NOT BE CONSTRUCTED ON SAID TRACTS.

DEDICATION (CONTINUED)

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE ("USAF") AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ('OWNER') DOES HEREBY (1) RELEASE AND DISCHARGE THE USAF AND THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER") DOES HEREBY; (1) RELEASE AND DISCHARGE THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT–OF–WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT–OF–WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF BUCKEYE.

IN WITNESS WHEREOF:

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, AS OWNER, HAS HEREUNTO CAUSED ITS NAME TO BE AFFIXED AND THE SAME TO BE ATTESTED BY THE SIGNATURE OF THE UNDERSIGNED OFFICER, THEREUNTO DULY AUTHORIZED THIS __ DAY OF _____, 2021.

BY: JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY.

BY: _____ DATE_____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE ____ DAY OF _____, 2021.

BY _____ THE _____ OF
JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

APPROVAL

APPROVED BY THE COUNCIL OF THE CITY OF BUCKEYE ON THIS _____ DAY OF _____, 2021.

BY: _____,
MAYOR

ATTEST: _____,
CITY CLERK

I CERTIFY THAT ALL ENGINEERING CONDITIONS AND REQUIREMENTS HAVE BEEN COMPLIED WITH.

BY: _____, _____
BUCKEYE CITY ENGINEER DATE

BY: _____, _____
DEVELOPMENT SERVICES DIRECTOR DATE

RATIFICATIONS

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION, HEREBY RATIFIES, AFFIRMS, AND APPROVES THIS FINAL PLAT FOR "SIENNA HILLS – PARCEL 5 NORTH" AND THE RESPONSIBILITIES IMPOSED UPON IT UNDER THIS FINAL PLAT.

IN WITNESS WHEREOF, SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION,. HAS CAUSED ITS NAME TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS ____ DAY OF _____, 2021.

SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION.

BY: _____,

ITS: _____,

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE ____ DAY OF _____, 2021,

BY _____ THE _____ OF
SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION, FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

DEVELOPMENT AGREEMENT NOTES

1. PURSUANT TO THE AGREED–UPON PROVISIONS OF THE DEVELOPMENT AGREEMENT, AS AMENDED, THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNLESS A MULTI–USE FIRE SUPPRESSION SPRINKLER SYSTEM, APPROVED BY THE CITY, IS INSTALLED IN THE HOME CONSTRUCTED ON SUCH LOT.
2. THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNTIL A RECEIPT IS SUBMITTED SHOWING PAYMENT–IN–FULL OF WATER AND SEWER FEES TO EPCOR WATER ARIZONA, INC. (OR ITS SUCCESSOR) FOR SUCH LOT.

PUBLIC NOTICE

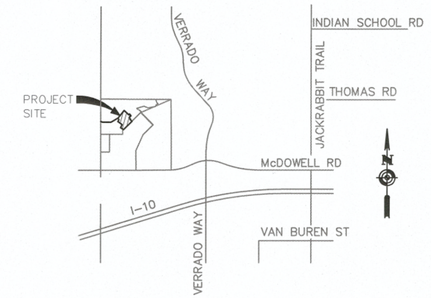
THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF BUCKEYE. A MAP, SIZED AT LEAST 24" X 36" DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF BUCKEYE DEVELOPMENT SERVICES DEPARTMENT.

FINANCIAL ASSURANCE NOTE

FINAL PLAT APPROVAL BY THE CITY IS CONDITIONAL AND SUBJECT TO FINANCIAL ASSURANCES BEING IN PLACE FOR ALL IMPROVEMENTS AS SHOWN ON THE APPROVED PLANS. THE CITY WILL NOT RECORD ANY PLATS UNTIL SUCH TIME FINANCIAL ASSURANCES ARE IN PLACE. IF AFTER 180 DAYS FROM CITY COUNCIL APPROVAL THE FINAL PLAT HAS NOT BEEN RECORDED, THEN IT SHALL BE NULL AND VOID. A VALID PRELIMINARY PLAT NEEDS TO BE IN PLACE PRIOR TO APPROVAL OF ANY FINAL PLAT ASSOCIATED WITHIN THE PROJECT IN ACCORDANCE WITH THE DEVELOPMENT CODE. THE SIGNED PLAT WILL NOT BE SUBMITTED TO THE CITY FOR SIGNATURE AND RECORDING UNTIL FINANCIAL ASSURANCES ARE IN PLACE.

PROJECT SUMMARY

PROJECT AREAS	AREA (ACRES)
PARCEL 5 NORTH	
LOT AREAS	8.8524
TRACT AREAS	7.5264
RIGHT–OF–WAY AREA	2.7901
TOTAL	19.1689 AC



VICINITY MAP

SECTION 36, T2N, R3W
NOT TO SCALE

PROPERTY OWNERS

JEN ARIZONA 40 LLC.,
AN ARIZONA LIMITED LIABILITY COMPANY
2222 WEST PINNACLE PEAK ROAD, SUITE 140
PHOENIX, ARIZONA 85027
TEL: (480) 344–2911
CONTACT: MIKE CRONIN
EMAIL: MCRONIN@TERRAWESTAZ.COM

ENGINEER/SURVEYOR

HUITT–ZOLLARS
5050 N. 40TH STREET, SUITE 100
PHOENIX, ARIZONA 85018
TEL: (602) 252–8384
FAX: (602) 252–8385
CONTACT: DENNIS HARMON, JR., RLS
EMAIL: DHARMON@HUITT–ZOLLARS.COM

BASIS OF BEARING

THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST BEARING S89°20'22W, AS RECORDED IN BOOK 893, PAGE 11, MCR

SHEET INDEX

SHEET 1	COVER, SITE INFORMATION, PROJECT SUMMARY TABLE AND APPROVALS
SHEET 2	BOUNDARY & KEY MAP AND LINE & CURVE TABLES
SHEET 3	NOTES, ZONING TABLE, TYPICAL LOT LAYOUT, LOT AREA TABLE, RIGHT–OF–WAY TABLE, LEGEND, TRACT AREA & USE TABLE, AND SIGHT VISIBILITY EASEMENT DETAIL
SHEET 4 – 5	PLAT SHEETS

ZONING

ZONING FOR THE SUBJECT PROPERTY IS PLANNED COMMUNITY (PC) PER CITY OF BUCKEYE DEVELOPMENT CODE (1996).

FEMA FLOODPLAIN DESIGNATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE
040039	2110	L	OCT. 16, 2013	X (SHADED) & ZONE AE & A

ZONE "X" (SHADED): AREAS OF 500–YEAR; AREAS OF 100–YEAR FLOOD WITH AN AVERAGE DEPTH OF LESS THAN ONE (1) FOOT OR WITH DRAINAGE AREAS LESS THAN ONE (1) SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM THE 100–YEAR FLOOD.

ZONE AE: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: BASE FLOOD ELEVATION DETERMINED.

ZONE A: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: NO BASE FLOOD ELEVATION DETERMINED.

THE PROPERTY IS LOCATED WITHIN AN AREA DESIGNATED AS HAVING FLOOD ZONE "X" (SHADED), ZONE AE AND ZONE A, BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 04013C2110L, WITH A REVISION DATE OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040039 , IN THE CITY OF BUCKEYE, COUNTY OF MARICOPA, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

PLZS-21-00125

3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

SURVEYOR'S CERTIFICATION

I, DENNIS HARMON, JR., HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, THAT THIS PLAT CONSISTING OF FIVE (5) SHEETS CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME DURING THE MONTH OF MARCH 2020. THAT THE SURVEY IS TRUE AND CORRECT AS SHOWN, THAT ALL MONUMENTS EXIST OR WILL BE SET AND, THAT THEIR POSITIONS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DENNIS HARMON, JR., RLS
ARIZONA R.L.S. # 68083

11/17/2021
DATE

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68083
DENNIS
HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

FOR LINE & CURVE TABLES - SEE SHEET 2 | AREA 19.1689 AC | PLZS - 21 - 00125 | SHEET 1 OF 5

G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 5N\31108003FP_SH–5NORTH.dwg

Job No: R311080.03 | Date: 11/17/2021

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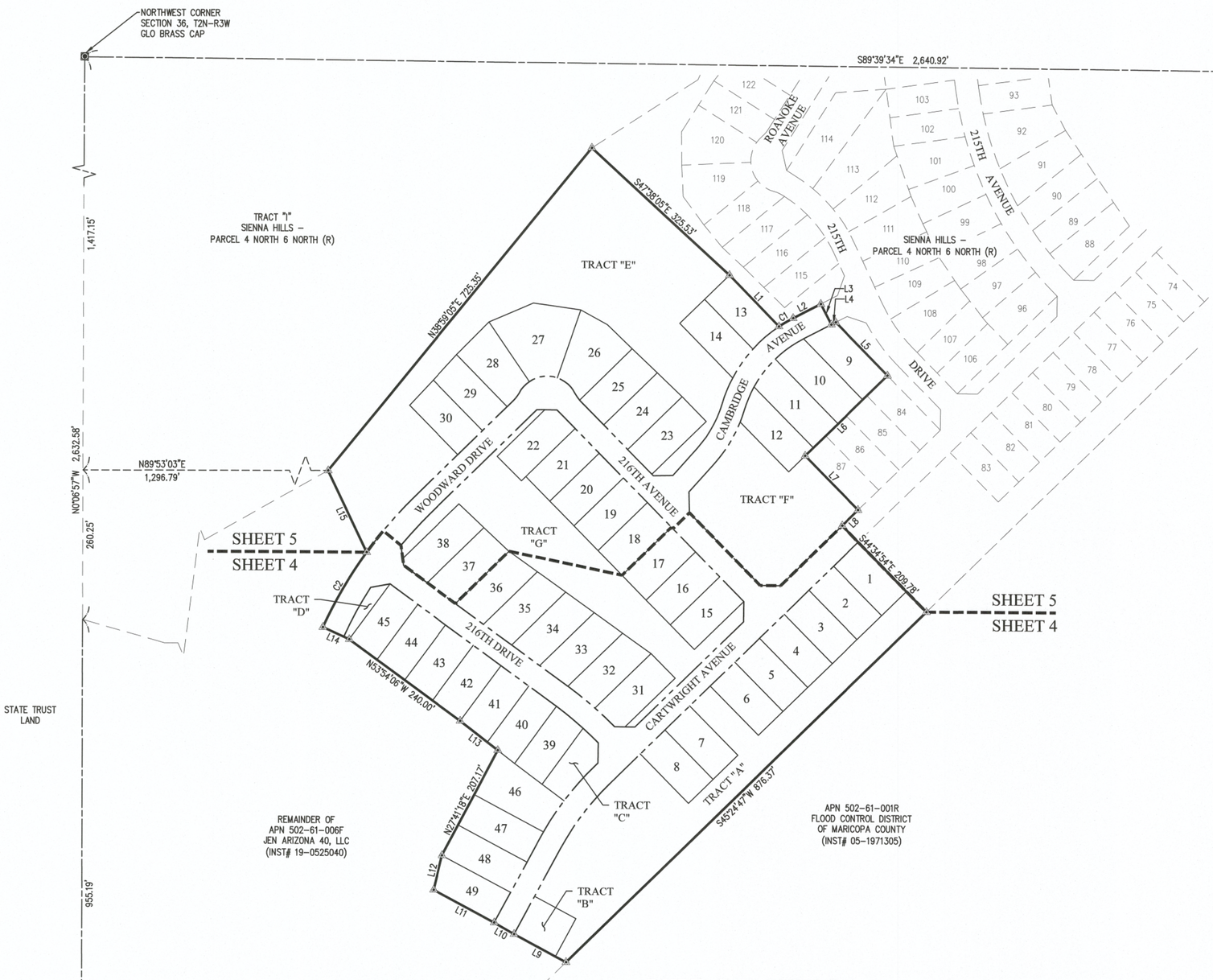


BOUNDARY & KEY MAP

SCALE: 1"=100'

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	123.82	S44°17'30"E
L2	53.97	N62°39'40"E
L3	40.00	S27°20'20"E
L4	8.66	N62°39'40"E
L5	129.06	S44°34'54"E
L6	200.00	S45°25'06"W
L7	132.25	S44°34'54"E
L8	38.82	S45°25'06"W

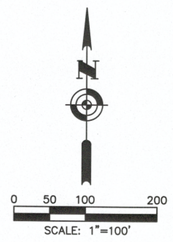
LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L9	102.91	N61°52'01"W
L10	40.02	S59°56'23"E
L11	120.00	N61°52'01"W
L12	62.05	N13°20'56"E
L13	82.88	N52°18'57"W
L14	50.48	N65°36'59"W
L15	157.34	N25°33'32"W
L16	35.36	S89°34'54"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L17	34.71	S7°51'55"E
L18	34.41	N79°35'01"E
L19	42.67	S44°34'54"E
L20	110.01	N41°25'06"E
L21	53.97	N62°39'40"E
L22	34.10	S88°25'06"W
L23	82.00	N61°52'01"W
L24	35.35	S0°24'48"W

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L25	35.36	S89°35'11"E
L26	35.36	S0°25'06"W
L27	35.36	N89°34'54"W
L28	36.57	N1°34'54"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C1	245.00'	6°42'34"	28.69'	28.67	S59°18'23"W
C2	770.00'	11°15'41"	151.34'	151.10	S30°00'51"W
C3	500.00'	17°17'07"	150.84'	150.27	S36°46'33"W
C4	650.00'	9°19'12"	105.73'	105.62	N49°14'30"W
C5	750.00'	21°02'05"	275.34'	273.80	S34°54'03"W
C6	225.00'	25°08'59"	98.76'	97.97	N28°50'36"E
C7	225.00'	46°23'33"	182.18'	177.25	S39°27'53"W
C8	520.00'	15°48'52"	143.53'	143.07	S37°30'40"W
C9	480.00'	17°17'07"	144.81'	144.26	S36°46'33"W
C10	670.00'	9°07'16"	106.66'	106.55	N49°20'28"W
C11	630.00'	9°06'31"	100.15'	100.05	N49°20'51"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C12	730.00'	7°42'15"	98.16'	98.08	S28°14'08"W
C13	770.00'	21°02'05"	282.69'	281.10	S34°54'03"W
C14	730.00'	6°15'58"	79.83'	79.80	S42°17'07"W
C15	55.00'	17°20'29"	16.65'	16.58	N36°44'51"E
C16	55.00'	124°40'58"	119.69'	97.43	N89°34'54"W
C17	55.00'	17°20'29"	16.65'	16.58	S35°54'39"E
C18	245.00'	25°08'59"	107.54'	106.68	N28°50'36"E
C19	205.00'	25°08'59"	89.98'	89.26	N28°50'36"E
C20	205.00'	46°23'33"	165.99'	161.49	S39°27'53"W
C21	245.00'	46°23'33"	198.38'	193.00	S39°27'53"W





FOR LINE & CURVE TABLES - SEE SHEET 2

AREA 19.1689 AC

Job No: R311080.03

PLZS - 21 - 00125

SHEET 2 OF 5

Date: 11/17/2021

C:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 5N\31108003FP_SH–5NORTH.dwg

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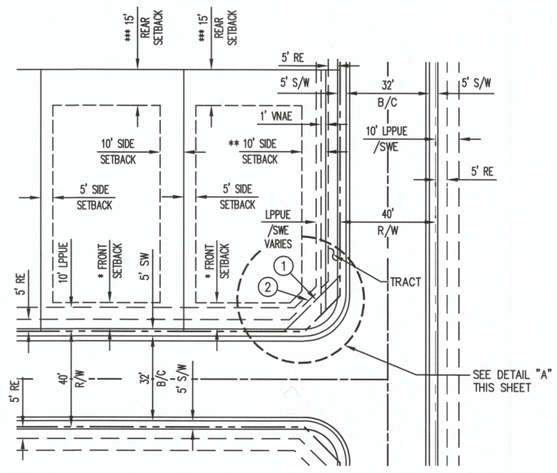
NOTES

1. THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE STATUTORILY REQUIRED SOUND ATTENUATION STANDARDS.(IF WITHIN THE VICINITY OF LAFB OR LUKE AUX)
2. THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF BUCKEYE.
3. IN ACCORDANCE WITH ARS § 9-461.07, THE CITY OF BUCKEYE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE GENERAL PLAN.
4. PURSUANT TO A.R.S. § 42-11102, THE CITY OF BUCKEYE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND 14710, WHEN APPLICABLE.
5. THIS SITE CONSISTS OF A TOTAL OF 49 LOTS AND 7 TRACTS IN THE PLANNED COMMUNITY (PC) ZONING DISTRICT.
6. THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED ON 03-23-2021 UNDER CASE# PLZS-20-00058.
7. THE LAND DESCRIBED IN THIS PLAT IS LOCATED WITHIN THE SERVICE AREA OF EPCOR WATER COMPANY, AN ARIZONA CORPORATION, THIS SUBDIVISION WAS ISSUED A CERTIFICATE OF ASSURED WATER SUPPLY BY ARIZONA DEPARTMENT OF WATER RESOURCES ON AUGUST 6, 2007 WITH ADWR CERTIFICATE 29-500015.0012.
8. NO STRUCTURE OF ANY KIND SHALL BE CONSTRUCTED OR ANY VEGETATION TO BE PLANTED OR BE ALLOWED TO GROW WITHIN ANY DRAINAGE EASEMENT WHICH WOULD IMPEDE THE FLOW OF WATER OVER, UNDER, OR THROUGH EASEMENTS.
9. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND EXCEPT POWER LINES 69KV AND LARGER.
10. IT IS ACKNOWLEDGED THAT THIS PROPERTY WILL BE PART OF A PARKWAY MAINTENANCE IMPROVEMENT DISTRICT (MID) AND STREET LIGHTING IMPROVEMENT DISTRICT (SLID) AT THE TIME THAT IT IS DEVELOPED, IN ACCORDANCE WITH BUCKEYE ORDINANCES 43-05 AND 42-06
11. ALL SETBACKS SHALL CONFORM WITH THE COMMUNITY MASTER PLAN, INCLUDING ALL MAJOR AND MINOR AMENDMENT THERETO.
12. ALL COMMON AREA TRACTS, IF ANY, AND TRACTS IDENTIFIED AS AREAS OF COMMON RESPONSIBILITY SHALL BE CONVEYED TO THE SIENNA HILLS HOMEOWNER'S ASSOCIATION, SHALL BE MAINTAINED AS AREAS OF COMMON RESPONSIBILITY BY THE ASSOCIATION AND SHALL NOT BE ACCEPTED FOR MAINTENANCE OR OWNERSHIP BY THE CITY.
13. EXCEPT FOR CONSTRUCTION AND IMPROVEMENTS BY GOVERNMENTAL ENTITIES AND CERTIFIED PUBLIC UTILITIES, CONSTRUCTION AND IMPROVEMENTS WITHIN LIMITED PURPOSE PUBLIC UTILITY EASEMENTS SHALL BE LIMITED TO ONLY THE FOLLOWING:
    A. WOOD, WIRE, OR REMOVABLE SECTION TYPE FENCING.
    B. ALL DRY PUBLIC UTILITIES WHICH USE OR MAY USE THE PUBLIC EASEMENT.
    C. LANDSCAPING.
14. HOMEOWNERS' ASSOCIATION INCLUDING ALL LOT OWNERS HAS BEEN FORMED AND HAS THE RESPONSIBILITY OF MAINTAINING ALL COMMON AREAS NOTED AS TRACTS, LANDSCAPED AREAS, AND DRAINAGE FACILITIES IN ACCORDANCE WITH THE APPROVED PLANS. THIS RESPONSIBILITY INCLUDES ALL ADJACENT RIGHT-OF-WAY. SAID HOMEOWNERS' ASSOCIATION SHALL BE REFERRED TO AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION.
15. THE CITY OF BUCKEYE IS NOT DESIGNATED AS AN ASSURED WATER PROVIDER PURSUANT TO ARS 45-576.
16. AN 18" REBAR WITH LAND SURVEYOR CAP WILL BE SET AT ALL BOUNDARY CORNERS, LOT CORNERS, POINTS OF CURVATURE, POINTS OF TANGENCY, AND ANGLE POINTS AT COMPLETION OF MASS GRADING.
17. IN EASEMENTS FOR EXCLUSIVE USE OF WATER, SANITARY SEWER, RECLAIMED WATER OR ANY COMBINATION THEREOF, ONLY GROUNDCOVER AND BUSHES ARE ALLOWED TO BE PLANTED WITHIN THE EASEMENT AREA, NO TREES OR BOULDERS ARE ALLOWED.
18. VISIBILITY RESTRICTIONS: ANY OBJECT, WALL, STRUCTURE, MOUND OR LANDSCAPING (MATURE) OVER 24" IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT. TREE CANOPIES OVERHANGING THE EASEMENT, SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7'. NO TREES ARE TO BE INSTALLED WITHIN THE 6' OF THE BACK OF CURB, OR 6' OF ANY FIRE HYDRANT. NO BOULDERS ARE TO BE INSTALLED IN THE VNAE, PUE, R/W, OR WITHIN 6' OF THE BACK OF CURB. ANY VEGETATION VIOLATING THESE RESTRICTIONS INCLUDING TREES, SHRUBS, BUSHES OR GROUND COVER MAY BE REMOVED FOR ANY REASON IF DEEMED NECESSARY BY THE CITY OF BUCKEYE.
19. LIMITED PURPOSE PUBLIC USE EASEMENT (THE LPPUE) SHALL BE RESTRICTED TO USES RELATING TO STREET AND SIDEWALK LIGHTING, CATV, NATURAL GAS, ELECTRIC, TELEPHONE, AND OTHER UTILITIES NOT INVOLVING THE CONVEYANCE OF ANY LIQUID SUBSTANCE EXCEPT AS HEREAFTER PROVIDED. NOTWITHSTANDING THE FOREGOING, UTILITIES CONVEYING A LIQUID SUBSTANCE, INCLUDING BUT NOT LIMITED TO, WATER, SEWER, EFFLUENT AND LIQUID PETROLEUM PRODUCTS MAY CROSS SUCH LPPUE AT APPROXIMATELY PERPENDICULAR ANGLE TO THE LENGTH OF THE LPPUE OR IN SUCH MANNER AS OTHERWISE DETERMINED BY THE CITY AND TO THE EXTENT NECESSARY TO PROVIDE THE SERVICE CONNECTIONS TO THE PARCEL OR LOT ADJACENT TO OR SERVED BY THE LPPUE. UTILITIES CONVEYING ANY LIQUID SUBSTANCE SHALL BE LOCATED IN PUBLIC STREETS AND RIGHT OF WAY AT THE LOCATION DESIGNATED BY THE CITY.
20. EACH HOME'S WATER CONNECTION SHALL BE PRESSURE TESTED PRIOR TO CERTIFICATE OF OCCUPANCY. IF THRESHOLD PRESSURE OF 90 PSI IS EXCEEDED, THE HOMEBUILDER SHALL INSTALL A PRESSURE REDUCING VALVE AT THE HOME CONNECTION THAT MEETS PLUMBING AND BUILDING CODES.
21. MAJOR CHANGES TO THIS FINAL PLAT WITH REGARD TO USE, DENSITY, AND INTENSITY MUST BE PROCESSED AS A REVISED APPLICATION WITH APPROVAL BY THE CITY COUNCIL UPON RECOMMENDATION OF THE PLANNING COMMISSION. THE CITY MANAGER AND THE DEVELOPMENT SERVICES DIRECTOR MAY ADMINISTRATIVELY APPROVE MINOR CHANGES TO THE FINAL PLAT.
22. IT'S THE RESPONSIBILITY OF THE HOMEOWNERS' ASSOCIATION TO TRIM TREES ON THEIR PROPERTY AND OVER ADJACENT ROADWAYS TO ALLOW FOR AND 18-FOOT HEIGHT CLEARANCE ABOVE THE ROADWAY.
23. THIS SUBDIVISION IS SUBJECT TO MAINTENANCE IMPROVEMENT DISTRICT (MID NO. 2012-01) AND STREET LIGHT IMPROVEMENT DISTRICT (SLID NO. 2012-02)

ZONING TABLE	
ZONING DISTRICT	PLANNED COMMUNITY (PC)
PARCEL	5 NORTH
LAND USE DESIGNATIONS	LDR
MINIMUM LOT AREA	7,200 SF
MINIMUM LOT SIZE (1)	60' x 120'
MAXIMUM BUILDING HEIGHT	30' (2 STORIES)
APPROXIMATE GROSS AREA	19.3561 AC
LAND PLAN DENSITY	2.53 DU/AC
LAND PLAN DWELLING UNITS	49
MINIMUM BUILDING SETBACKS (2)	
LIVING FRONT YARD	12'
REAR YARD (3)	15'
STREET SIDE YARD	10'
SIDE YARD	5' & 10' 15' TOTAL
MINIMUM BUILDING SEPARATION	10'
MINIMUM GARAGE SETBACKS	
FRONT LOADED (4)	20'
SIDE LOADED	12'
MAXIMUM GARAGE WIDTH (5)	3 CAR WIDTHS
MAXIMUM LOT COVERAGE	55%
MINIMUM PARKING REQUIREMENT	2 PER UNIT

NOTES

1. LOT DEPTH MAY BE DECREASED BY 10-FT ON CUL-DE-SAC AND KNUCKLE LOTS AS LONG AS MINIMUM LOT AREA IS MAINTAINED.
2. BUILDING SETBACK LINE IS THE REQUIRED DISTANCE BETWEEN THE PROPERTY LINE AND THE CLOSEST POINT OF ANY BUILDING. A MINIMUM 20-FT TRACT ALONG ARTERIAL STREETS. TRACT SHALL BE IN COMMON OWNERSHIP.
3. THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS; OTHER PROJECTIONS SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.
4. THE FRONT LOADED GARAGE SETBACK IS THE REQUIRED DISTANCE BETWEEN THE FACE OF THE GARAGE AND THE BACK OF THE SIDEWALK, OR PROPERTY LINE, WHICHEVER IS CLOSER.
5. MAXIMUM DRIVEWAY WIDTH SHALL BE 28-FEET FOR GARAGES WITH THREE (3) CAR GARAGES. WHERE APPROPRIATE, SHARED DRIVEWAYS CAN BE USED FOR MUTUAL BENEFIT. MAINTENANCE TO BE COVERED WITHIN CC&R'S.



TYPICAL LOT LAYOUT NOT TO SCALE

* 12' TO LIVING AREA
20' TO GARAGE, REQUIRED DISTANCE BETWEEN THE FACE OF GARAGE AND THE BACK OF SIDEWALK, OR PROPERTY LINE , WHICHEVER IS CLOSER"
12' TO SIDE ENTRY GARAGE
** 10' SIDE SETBACK WHEN ADJACENT TO STREET WITH NO TRACT
*** THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS; OTHER PROJECTIONS, SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.

(1) 33' X 33' TRIANGLE - SITE VISIBILITY EASEMENT RESTRICTION

(2) 25' X 25 CUTOFF FROM 5' ROADWAY EASEMENT

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
1	7,200	0.165
2	7,200	0.165
3	7,200	0.165
4	7,200	0.165
5	7,200	0.165
6	7,200	0.165
7	7,200	0.165
8	7,200	0.165
9	8,302	0.191
10	9,227	0.212

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
11	9,237	0.212
12	8,135	0.187
13	7,288	0.167
14	7,485	0.172
15	7,200	0.165
16	7,200	0.165
17	7,200	0.165
18	7,200	0.165
19	7,200	0.165
20	7,200	0.165

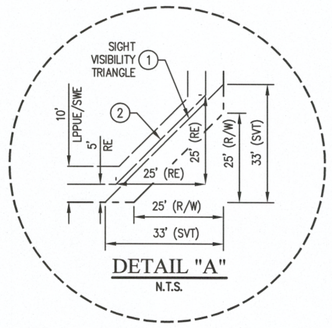
LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
21	7,200	0.165
22	7,739	0.178
23	7,929	0.182
24	7,867	0.181
25	7,744	0.178
26	10,368	0.238
27	13,372	0.307
28	8,550	0.196
29	7,455	0.171
30	7,275	0.167

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
31	8,044	0.185
32	8,075	0.185
33	7,978	0.183
34	7,933	0.182
35	7,888	0.181
36	7,843	0.180
37	8,044	0.185
38	8,452	0.194
39	7,351	0.169
40	7,349	0.169

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
41	7,250	0.166
42	7,200	0.165
43	7,200	0.165
44	7,200	0.165
45	7,200	0.165
46	10,600	0.243
47	8,193	0.188
48	8,164	0.187
49	7,675	0.176

TRACT AREA & USE TABLE			
TRACT NAME	AREA (SF)	AREA (ACRE)	USE
TRACT "A"	80,262	1.843	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "B"	6,150	0.141	SEWER LIFT STATION
TRACT "C"	5,877	0.135	LANDSCAPE & COMMON AREA
TRACT "D"	2,041	0.047	LANDSCAPE & COMMON AREA
TRACT "E"	134,502	3.088	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "F"	45,460	1.044	DRAINAGE, LANDSCAPE & COMMON AREA
TRACT "G"	53,557	1.229	DRAINAGE, LANDSCAPE & COMMON AREA

RIGHT OF WAY AREA TABLE		
RIGHT OF WAY	AREA (SF)	AREA (ACRE)
216TH AVENUE	22,201	0.5097
216TH DRIVE	21,643	0.4969
CAMBRIDGE AVENUE	17,619	0.3970
CARTWRIGHT AVENUE	36,883	0.8467
WOODWARD DRIVE	23,192	0.5324
TOTAL	121,538	2.7901



DETAIL "A"
N.T.S.

SIGHT VISIBILITY EASEMENT RESTRICTIONS:

- ANY OBJECT, WALL, STRUCTURE, MOUND, OR LANDSCAPING (MATURE) OVER 24-INCHES IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT.
- TREE CANOPIES OVERHANGING IN THE SIGHT VISIBILITY EASEMENT SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7-FEET.

LEGEND

◙	INDICATES SECTION CORNER, AS NOTED		
◬	INDICATES CORNER OF SUBDIVISION SET 1/2" REBAR WITH CAP OF RLS# 68083		
◉	SET CENTERLINE MONUMENT. SET BRASS CAP PER MAG STD DET 120, TYPE "B" (UNLESS OTHERWISE SPECIFIED), IN CONJUNCTION WITH THE CONSTRUCTION PER THE APPROVED IMPROVEMENT PLANS.		
◎	EXISTING CENTERLINE MONUMENT		
C#	CURVE NUMBER	L#	LINE NUMBER
R/W	RIGHT-OF-WAY	COR	CORNER
SEC	SECTION	FD	FOUND
NE	NORTHEAST	SE	SOUTHEAST
NW	NORTHWEST	SW	SOUTHWEST
BK	BOOK	PG	PAGE
EXIST	EXISTING	DKT	DOCKET
ESMT	EASEMENT	INST	INSTRUMENT
LPPUE	LIMITED PURPOSE PUBLIC UTILITY EASEMENT	(R)	FINAL PLAT FOR "SIENNA HILLS - PARCEL 4 NORTH 6 NORTH BOOK_____, PAGE_____, MCR
MCR	MARICOPA COUNTY RECORDS		
DE	DRAINAGE EASEMENT	(R1)	FINAL PLAT FOR VERRADO PARCEL 3.101, BOOK 752, PAGE 43, MCR
PUE	PUBLIC UTILITY EASEMENT		
RE	ROADWAY EASEMENT	(R2)	FIRESIDE AT SIENNA HILLS MAP OF DEDICATION, BOOK 893, PAGE 11, MCR
SDE	STORM DRAIN EASEMENT		
SSE	SANITARY SEWER EASEMENT	(R3)	FINAL PLAT SIENNA HILLS - PARCEL 3B NORTH, BOOK 1344, PAGE 27, MCR
SVE	SIGHT VISIBILITY EASEMENT		
SVT	SIGHT VISIBILITY TRIANGLE	VNAE	VEHICULAR NON-ACCESS EASEMENT
SWE	SIDEWALK EASEMENT	VTE	VISIBILITY TRIANGLE EASEMENT
WE	WATER EASEMENT		

EASEMENT LINE
RIGHT-OF-WAY
LOT & TRACT LINE
CENTERLINE
BOUNDARY LINE
ADJACENT LOT, R/W OR ESMT LINE
MATCH LINE
DENOTES EXISTING FLOODPLAIN
SECTION LINE
MID-SECTION LINE
(1) VISIBILITY TRIANGLE EASEMENT

REGISTERED LAND SURVEYOR CERTIFICATE NO. 68083 DENNIS HARMON JR. DATE SIGNED 11/17/21 ARIZONA, U.S.A.

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SEE SHEET 5

SEE SHEET 5

TRACT "H"
SIENNA HILLS – PARCEL
4 NORTH 6 NORTH (R)

216TH AVENUE

CARTWRIGHT AVENUE

216TH DRIVE

TRACT "G"

TRACT "A"

TRACT "B"

TRACT "C"

TRACT "D"

REMAINDER OF
APN 502-61-006F
JEN ARIZONA 40, LLC
(INST# 19-0525040)

APN 502-61-001R
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
(INST# 05-1971305)

S45°24'47"W 876.37'

SCALE: 1"=40'

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NORTHWEST CORNER
SECTION 36, T2N–R3W
GLO BRASS CAP

S89°39'34"E 2,640.92'

NORTH QUARTER CORNER
SECTION 36, T2N–R3W
GLO BRASS CAP
DISTURBED

1,417.15'

TRACT "I"
SIENNA HILLS –
PARCEL 4 NORTH 6 NORTH (R)

TRACT "D"
(R)

S47°38'05"E 325.53'

N35°30'05"E 725.35'

TRACT "E"

SIENNA HILLS –
PARCEL 4 NORTH 6 NORTH (R)

215TH DRIVE

TRACT "D" (R)

TRACT "F"

TRACT "G"

CAMBRIDGE AVENUE

216TH AVENUE

WOODWARD DRIVE

CARTWRIGHT AVENUE

N89°53'03"E
1,296.79'

N00°06'57"W 2,632.58'

260.25'

955.19'

WEST QUARTER CORNER
SECTION 36, T2N–R3W
CALCULATED PER
BOOK 1086, PAGE 30, MCR

SEE SHEET 4

SEE SHEET 4

SCALE: 1"=40'

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CERTIFICATE NO.
Date Signed 11/17/21
ARIZONA U.S.A.

FOR LINE & CURVE TABLES - SEE SHEET 2

AREA 19.1689 AC

PLZS - 21 - 00125

SHEET 5 OF 5

Job No: R311080.03

Date: 11/17/2021

G: \projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 5N\31108003FP_SH-5NORTH.dwg

HUITT-ZOLLARS
5050 N. 40th Street, Suite 100 | Phoenix, AZ 85018
Office (602) 252-8384
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Land Planning • Hydrology • Land Development • Civil Engineering • Surveying

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

ARIZONA DEPARTMENT *of* WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8621
azwater.gov

PLZS-21-00119

3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

Via Electronic and Certified Mail

September 4, 2019

Michele Van Quathem
Law Offices of Michele Van Quathem, PLLC
7600 N 15th Street, Suite 150-30
Phoenix, AZ 85020

Re: Certificate of Assured Water Supply
Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
DWR File No. 29-500015.0012

Dear Ms. Van Quathem:

The Arizona Department of Water Resources (Department) has determined that the criteria for an Assured Water Supply pursuant to A.R.S. § 45-576 and A.A.C. R12-15-701 et seq. have been met, and therefore the Director has decided to issue Assured Water Supply Certificate No.29-500015.0012. EPCOR - Agua Fria will provide the water supply to the lots. The source of supply will be groundwater. Based on current information, the Department has determined that the subdivision's total projected demand is 58.22 acre-feet per year for 139 lots, and the groundwater allowance for the 100-year period is 116.44 acre-feet. The Certificate is attached. The Department suggests you record your Certificate of Assured Water Supply in the appropriate county recorder's office. This will provide you with a permanent public record of the Certificate.

This determination is applicable only to the person or entity specified on the Certificate and for the plat reviewed by the Department. Information used in evaluating this application is available for review in the Department's files. Please contact us if questions arise.

Pursuant to A.R.S. § 41-1092.03, the Department is notifying you that the Director's determination and decision to issue the Certificate is an appealable agency action. You are entitled to appeal this action. If you wish to appeal this action, you must file a written appeal within thirty (30) days from receipt of this letter. I am providing you with a summary of the appeal process and an appeal form, should you elect to pursue this option.

Sincerely,

David L. McKay
Manager, AAWS & Recharge Permitting

DLM/evs

CC: Via Electronic Mail:

CAGRD
Arizona Department of Real Estate
Arizona Corporation Commission
Arizona Department of Environmental Quality
Arizona State Land Department

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
CERTIFICATE OF ASSURED WATER SUPPLY

This is to certify that

JEN Arizona 40, LLC, an Arizona limited liability company, Owner,

has met the requirements of A.R.S. §§ 45-576 and A.A.C.R12-15-701 et. seq., and

By powers vested in the Director of the Arizona Department of Water Resources by the State of Arizona, and subject to the conditions contained in A.A.C. R12-15-701 et seq.,

Is issued this Certificate of Assured Water Supply for

Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
Township 2 North, Range 3 West, Section 36
GSRB&M Maricopa County, PHOENIX AMA

The referenced subdivision consists of **139 lots** as described in the preliminary plat on file with the Department, and has an estimated water demand of **58.22 acre-feet per year.** The subdivision will be served **groundwater** by **EPCOR - Agua Fria.**

This Certificate is invalid as to any entity not named above.
This Certificate may be assigned pursuant to A.A.C. R12-15-705.

Certificate Number: 29-500015.0012
Original Issue Date: August 6, 2007

ARIZONA DEPARTMENT OF WATER RESOURCES

David L. Mitchell
Program Manager

09/04/19
Date

TYPE A CERTIFICATE

02-428

LIBRARY

Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona

Prepared for

JKL Partners

Prepared by

SWCA Environmental Consultants

September 2002

1067

ARCHAEOLOGICAL SURVEY OF APPROXIMATELY 300 ACRES FOR THE WHITE TANK MOUNTAIN FOOTHILLS DEVELOPMENT PROJECT, BUCKEYE, MARICOPA COUNTY, ARIZONA

Prepared for

Kent Olson
JKL Partners
4102 W. Hayward
Phoenix, AZ 85051

Prepared by

John M. Lindly, Ph.D.

SWCA, Inc. Environmental Consultants
2120 North Central Avenue, Suite 130
Phoenix, Arizona 85004

SWCA Cultural Resources Report No. 02-428

September 2002

PROJECT ABSTRACT

AGENCY: U. S. Army Corp of Engineers.

PROJECT TITLE: Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona (SWCA 6354-019).

PROJECT DESCRIPTION: The project involves proposed residential land development in Buckeye, Arizona.

LOCATION: The project is located in the southeast ¼ of Section 36, T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

NUMBER OF SURVEYED ACRES: 300 acres.

NUMBER OF SITES: None.

LIST OF POTENTIALLY ELIGIBLE SITES: None.

LIST OF INELIGIBLE SITES: None.

COMMENTS: No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

INTRODUCTION

This report presents the results of an archaeological survey of a proposed development north of Interstate 10 and east of Watson Road in Buckeye, Maricopa County, Arizona. The survey was conducted at the request of JKL Partners of Phoenix, Arizona to determine if any cultural resources present would be impacted by construction at this location. Approximately 300 acres of privately owned land were surveyed for this project. The U. S. Army Corps of Engineers is the lead agency coordinating the compliance process for impacts to any affected cultural resources (section 106 of the National Historic Preservation Act) because the property owners are required to apply for a permit under Section 404 of the Clean Water Act.

The project area consisted of one parcel totaling approximately 300 acres in size (Figure 1). The project is located in the southeast ¼ of Section 36 T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

PROJECT SETTING

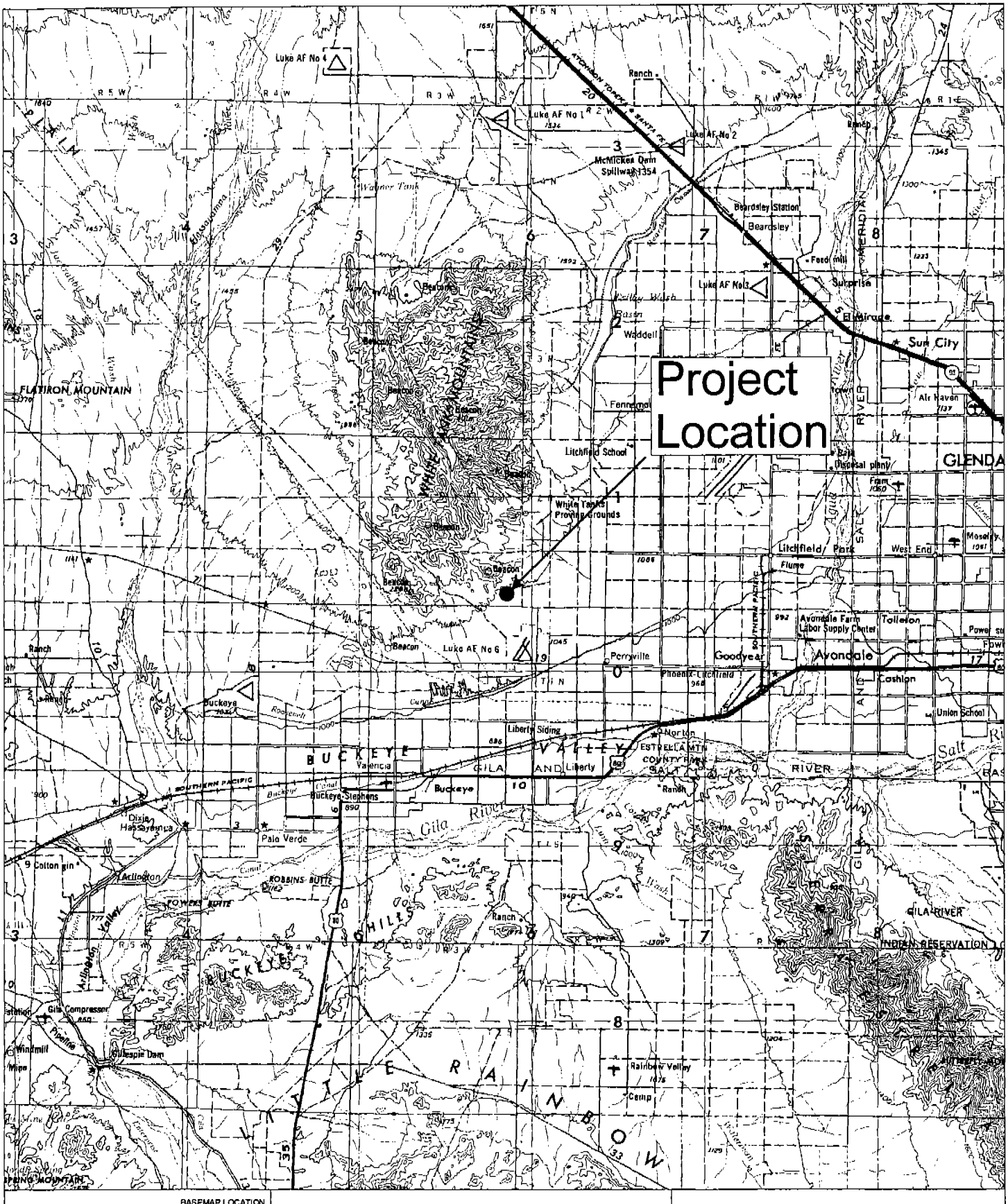
Environmental Setting

The project area is located south of the White Tank Mountains and southwest of the White Tanks Proving Grounds near Interstate 10 and Watson Road (Figure 1). Elevation of the project area ranged from 1150 to 1500 feet above mean sea level (asl). Part of this property has been used as a trash dump by local residents and for target practice by firearms owners for years.

The project area lies within the Sonoran desertscrub biome (Brown 1994) of the Lower Colorado Valley province of the Sonoran Desert (Shreve and Wiggins 1964). Vegetation representative of the area, include creosote, saguaro, mesquite, several varieties of cholla, acacia, palo verde, bursage, snakeweed rabbitbrush, and various desert grasses. Fauna known to occur in the general area include desert mule deer, desert bighorn sheep, gray fox, coyote, cottontail rabbit and jackrabbit, several species of lizards, snakes, and birds.

Cultural Setting

The project area is located in what has been termed the western desert (Stone 1986), a large, broad area stretching from west of modern Phoenix to the Colorado River. This area has received less research emphasis than other portions of the Southwest, and "presents an important but difficult problem" (Bostwick and Stone 1988:324) in terms of cultural sequences and affiliations near the geographical margins of several different cultural groups, all of which have influenced the region. The project area occurs near the western edge of Hohokam occupation, although Hohokam sites are found even further west. In addition, the northeast limits of the Papagueria, another large, arid region that has undergone a relatively small amount of research, lie slightly southwest of the project area. The Papagueria encompasses portions of northern Sonora, Mexico, and southwestern Arizona, and contains a unique, although somewhat problematical, cultural history of its own


Project Location
Section 36
T. 2 N., R. 3 W.
(Maricopa County)
BASEMAP LOCATION
0 mile 5 10
0 kilometer 5 10
N
White Tanks Mt. Foothills
Figure 1. General Location of the Project Area.
SWCA
ENVIRONMENTAL CONSULTANTS
6354-019

(McGuire and Schiffer 1982).

It is within the framework of these geographical and cultural boundaries that the cultural history of the project area must be viewed. While these areas share many similarities, and indeed blend and interact, they also contain elements unique to themselves.

The earliest evidence of human occupation in the Southwest is currently from the Paleo-Indian Period, which ended approximately 9,000-10,000 years ago (Cordell 1997). In the regions surrounding the project area remains from the Paleo-Indian Period have been observed as part of separate, but similar, traditions. Evidence of the Paleo-Indian Period throughout the region is sparse, and generally consists of projectile points and other lithic tools.

Throughout the greater Southwest the Paleo-Indian Period is seen in the form of Clovis and Folsom points, generally regarded as the material remains from a widespread hunting tradition that focused on large mammals (Cordell 1997:82; McGuire and Schiffer 1982:166). Although Paleo-Indian camps have been located in southeastern Arizona (Haury 1956; Haury et al. 1959; Hemmings and Haynes 1969), remains from near the project area are rare. Isolated Clovis points have been found in central Arizona (Crownover 1994), and in the northwest Papagueria (Ezell 1954). A reworked Folsom point was recovered near Gila Bend, south of the project area (Effland et al. 1982). The only evidence of Paleo-Indian occupation from subsurface contexts was a controversially typed fluted point from Ventana Cave (Haury 1950).

Following the Paleo-Indian Period, the area was occupied by Archaic populations. While better understood than the Paleo-Indian era, the Archaic Period also suffers from problematic dating and conflicting artifact typologies. Beginning dates for the Archaic Period are unclear, but it was in place by 7000 B.C., with possibly earlier occupations (McGregor 1965:124). Ending dates for the Archaic are also somewhat vague, but are generally tied to the rise of agriculture and the production of ceramics, sometime around A.D. 1. In southern Arizona the Archaic Period has been split between two traditions that contain distinct projectile points and lithic tools. The Amargosa tradition is mainly concentrated in southern California and southwestern Arizona (Rogers 1939; Haury 1950), while the Cochise tradition is associated with southeastern Arizona (Sayles and Antevs 1941). The relationship between the two traditions is ambiguous, and materials from the various periods of each have been found to overlap geographically in places such as Ventana Cave, south of the project area (Haury 1950). It has been suggested that the two represent regional and environmental variations of the same basic toolkit (McGuire and Schiffer 1982:177-178).

Excavation of eight sites in the Harquahala Valley approximately 50 miles southwest of the project area found Archaic projectile points representative of both the Amargosa and Cochise traditions, as well as of Great Basin tradition (Bostwick 1988). Explanations of the mixture of materials included expansion of the Cochise tradition into the western desert, manufacture of similar types by the different groups, and unsystematic analysis techniques that prevent valid regional comparisons (Bostwick and Stone 1988:326-328).

The next interval of culture history within the project area is characterized by influence of the Hohokam from the south and east, and of the Patayan culture from the west. The western desert and the Papagueria have often been designated as the meeting zone of these two cultures.

The Hohokam are regarded as a hallmark prehistoric group of south central Arizona. A subsistence strategy relying on irrigated agriculture allowed a complex social system and material culture to evolve. The Hohokam are among the most extensively researched groups in the Southwest; however questions still remain, especially regarding the beginning and end of their occupation.

The core area of the Hohokam was centered along the Gila and Salt Rivers, in and around the Phoenix Basin. On the western fringe of the Phoenix Basin, numerous large Hohokam sites are found along the Gila River. These include the Gatlin and Rock Ball Court sites near Gila Bend (Wasley and Johnson 1965). The latter two sites represent the westernmost sites of the Hohokam, although trade increased the sphere of influence.

The classic Hohokam sequence is generally divided by researchers into four distinct periods, which have been further subdivided into phases. The beginnings of Hohokam culture are initially seen in the Pioneer Period, whose inception date is currently under debate by archaeologists. An early Red Mountain phase has been suggested as beginning around A.D. 1 and continuing until circa A.D. 400 (Cable and Doyel 1987; Morris 1969), and is followed by the more traditionally accepted Vahki, Estrella, Sweetwater, and Snaketown phases, that together make up the Pioneer Period (Haury 1976). The Colonial Period followed the close of the Pioneer around A.D. 550 and continued to approximately A.D. 900, containing the Gila Butte and Santa Cruz phases. The Sedentary Period, consisting of the Sacaton phase, lasted from circa A.D. 900 to 1100. The Classic Period succeeds the Sedentary Period, with dates from approximately A.D. 1100 to 1450. The Soho and Civano Phases occur within the Classic Period. A strong case has been made for a fifth period, designated the Post-Classic Polvoron phase, that would have continued from the end of the Classic Period into the 16th century (Doyel 1991; Sires 1983).

A second cultural group, roughly paralleling the time span of the Hohokam, occupied areas of the Lower Colorado River, and portions of the western desert and Papagueria. This group, known as the Patayan, has not been investigated as extensively as the Hohokam, with a resultant chronology that is less understood.

The Patayan culture first occupied the Lower Colorado River Valley sometime around A.D. 500 (Schroeder 1961). The Patayan tradition includes traits such as shallow basin metates, triangular projectile points, and red-on-buff pottery similar to the Hohokam (Rogers 1945). Patayan culture spread along the Colorado River, and by A.D. 1000 had diversified into various groups as far reaching as the Cohonina, who occupied the area south of the Grand Canyon (McGregor 1965). While it is unclear exactly what became of the Patayan culture, McGregor (1965:378) suggests it may be related to modern Yuman speaking groups. Patayan ceramics are found throughout the protohistoric period, and continue into the historic period (Waters 1982).

Following the Hohokam, and possibly coinciding with the latter stages of the Patayan, the region encompassing the project area was inhabited by a variety of groups including the western Yavapai, Papago, Pima, and the Maricopa (Bostwick 1988; Spier 1933). Studies of these groups suggest they lived in small groups, and relied on a variety of subsistence strategies including hunting and gathering, fishing, and a small amount of agriculture (McGuire and Schiffer 1982; Spier 1933:48-59). These groups continue to occupy the area on several reservations including the Gila River Indian Community, the Ak-Chin Indian Reservation, and the Gila Bend Indian Reservation.

Historic use of the area begins with Spanish missionary and mineral exploration expeditions throughout southern Arizona in the late 17th century into the 18th century, although none of these journeys are known to have passed through the project area (Walker and Bufkin 1986). The Spanish explorer Father Eusebio Francisco Kino was the first European to explore the region by roughly following the Gila and San Pedro Rivers between A.D. 1691 and 1700. Later Captain Juan Bautista de Anza and Fray Francisco Garces followed similar routes between A.D. 1774 and 1775. The first Anglo explorer to enter the region was Sylvester Pattie who with about a dozen men trapped the Gila River, approximately 20 miles to the south of the

project area, in A.D. 1826. Mining, Historic ranching and homesteading activities commenced in the latter part of the 19th century.

A check of General Land Office (GLO) and Bureau of Land Management (BLM) survey records for the area documents no roads or houses present near the project area at the time of the original survey (1936).

PREVIOUS RESEARCH

Site file searches have been conducted on AZSITE and at the Arizona State Museum (ASM) and the State Historic Preservation Office (SHPO) to determine the location and content of any previously recorded sites or archaeological work within one-half mile of the project area. Four previously recorded sites and two surveys were recorded adjacent to the project area (Figure 2). A brief review of the modern surveys reported for the area is provided in Table 1.

Table 1. List of surveys that have been conducted partly or wholly within one-half mile of the project area .

Report title	Resources found in study area
Rosenberg, Bettina H., 1984. *Inventory Report for Material Source 8486, Maricopa County, Arizona.* Arizona Department of Transportation, Phoenix.	AZ T:10:72 (ASM)
Dobschuetz, Kris and Daniel Garcia, 2000. *An Cultural Resource Survey of the Proposed Airport Road Interchange on I-10, Maricopa County, Arizona.* Report No. 97-227:141, Ecoplan Inc., Phoenix.	None

AZ T:10:72 (ASM) was located in a survey south of the project area (Rosenberg 1984). Three sites not associated with modern surveys were located south of the project area: AZ T:10:17 (ASM), AZ T:10:6 (ASU) and AZ T:10:4 (ASU). AZ T:10:4 (ASU) and AZ T:10:6 (ASU) were documented by ASU as sherd scatters in 1996 but there is no additional information about them. AZ T:10:17 (ASM) is listed as an artifact scatter of unknown origin but the additional site information file is missing at ASM.

SURVEY METHODS AND RESULTS

The project area was surveyed between September 17-19, 2002 by SWCA archaeologists John Lindly, Cara Schmidt, Matthew Peters and Cynthia Keller. Parallel transects spaced at 20 m intervals were walked in both north-south and east-west directions, depending on topography, throughout the project area to provide complete (100%) coverage. A Garmin GPS unit and Silva compass were used to align the transects, notes were taken on the project setting, and a USGS 7.5' topographical map was used. No sites and 16 isolated occurrences were found within the project area.

Isolated Occurrences

The isolated occurrences found within the project area are described in Table 2. Their locations are shown on Figure 2.

Table 2. Isolated occurrences found within the project area.

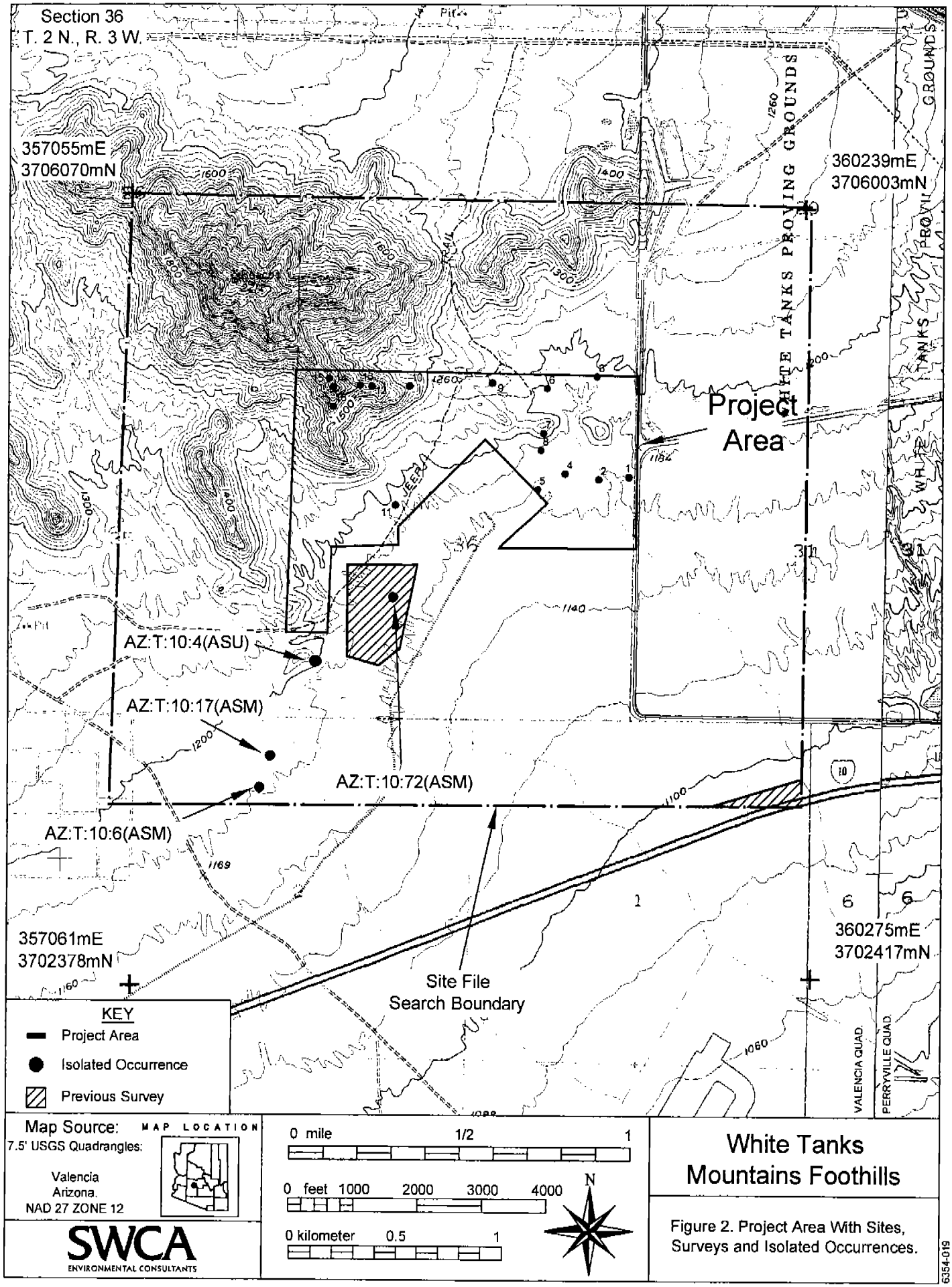
Isolated Occurrences	Description
1	1 chopper/core, basalt
2	30 Gila Plain ware, Gila variety – possible pot break 2 buff ware 1 tertiary flake, chert
3	1 tertiary flake, quartzite
4	9 Gila plain ware, Gila variety
5	rock pile – 80 x 76 cm in size, 50+ rocks avg. 10-20 cm in size each
6	1 Gila plain ware, Gila variety
7	2 petroglyphs on a single rock
8	2 historic ware – black decoration on yellow slip
9	1 petroglyph on single rock
10	rock pile – 1.7 x 1.4 m in size, 15-20 stones avg. 10-20 cm in size
11	prospect, 5 x 5 m in size
12	rock pile – 1.5 x 1 m in size, 20-25 stones avg. 20-50 cm in size
13	rock ring – 2 x 1.5 m in size, 15 slab-like stones, 50 cm to 75 cm in size, placed upright in ring
14	rock cairn – 75 cm high composed of 10-15 stones
15	rock pile – 2 m x 75 cm – 20-30 stones, 5 to 30 cm in size
16	rock feature – approximately 50 stones placed to form the letters "C" and "A"

SUMMARY AND RECOMMENDATIONS

An archaeological survey of approximately 300 acres for a proposed development in Buckeye, Arizona documented 16 isolated occurrences. There were large accumulations of trash from recent to modern periods (1960s to present) that had little or no structural integrity. The prehistoric artifacts included 4 incidences of ceramics and four of lithics. The prehistoric ceramics were identified as Gila Plain (Gila variety) and historic Euro American sherds. The two types of ceramics suggest prehistoric Hohokam groups and historic imigrants utilized this area in a limited way. No diagnostic sherds were identified but it is likely that much of the

prehistoric and historic use of this area occurred between A.D. 700-1200 and 1920-1950.

Documentation has exhausted the research potential of the isolated occurrences and no further work is recommended for them. However, if buried cultural resources should be encountered during work within these areas all ground disturbing activities should immediately cease until the nature of the remains can be evaluated by a professional archaeologist.


Section 36
T. 2 N., R. 3 W.
357055mE
3706070mN
360239mE
3706003mN
Project Area
AZ:T:10:4(ASU)
AZ:T:10:17(ASM)
AZ:T:10:72(ASM)
AZ:T:10:6(ASM)
357061mE
3702378mN
360275mE
3702417mN
Site File Search Boundary
WHITE TANKS PROVING GROUNDS
JEEP TRAIL
VALENCIA QUAD.
PERRYVILLE QUAD.
KEY
Project Area
Isolated Occurrence
Previous Survey
Map Source:
7.5' USGS Quadrangles:
Valencia
Arizona.
NAD 27 ZONE 12
MAP LOCATION
0 mile 1/2 1
0 feet 1000 2000 3000 4000
0 kilometer 0.5 1
N
SWCA
ENVIRONMENTAL CONSULTANTS
White Tanks Mountains Foothills
Figure 2. Project Area With Sites, Surveys and Isolated Occurrences.
6354-019

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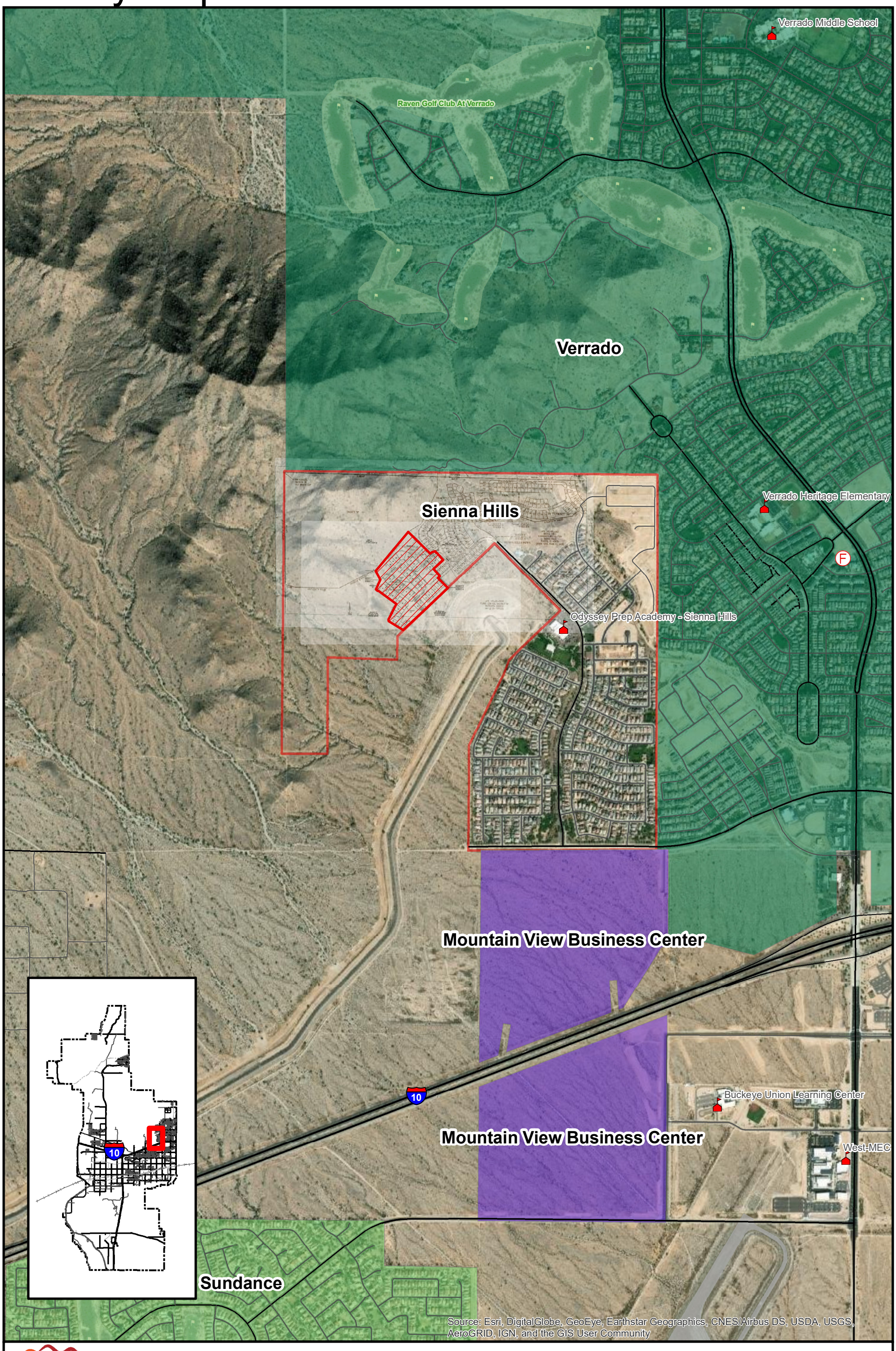
Vicinity Map



BUCKEYE, AZ

While every effort has been made to ensure the accuracy of this information, the City of Buckeye makes no warranty, expressed or implied, as to its absolute accuracy and expressly disclaims liability for the accuracy thereof.

Buckeye

0 0.15 0.3 0.6 Miles

SIENNA HILLS PARCEL 5 NORTH

N

Sienna Hills Final Plat 5N Date: 11/23/2021

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.R. PLZS-21-00126 Sienna Hills Parcel 7B North Final Plat
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 6
STAFF LIAISON: Andrea Marquez, Planner II, amarquez@buckeyeaz.gov, (623) 349-6220	
DEPARTMENT: Development Services	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on a final plat titled Sienna Hills - Parcel 7B North, generally located on the northwest corner of McDowell Road and the 211th Avenue alignment.

RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

ADDITIONAL RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

SUMMARY

PROJECT DESCRIPTION:
Huitt-Zollars, Inc., on behalf of JEN Arizona 40 LLC, is requesting final plat approval for 50 lots on a 55-acre property located at the northwest corner of McDowell Road and the 211th Ave alignment. This plat is part of the Sienna Hills 444-acre Community Master Plan, the majority of the CMP has been built-out with an exception of parcel 3B North, which is currently under development. The overall gross density is 0.91 dwelling units per acre which is consistent with the overall CMP development standards. Sienna Hills, at build-out, will have a total of 1,112 lots, one charter school, a community park, a community swimming pool, and gym. This plat will include new pedestrian sidewalks and natural trails, that will connect with the Sienna Hills existing trail network.

Primary access to the proposed development will be from the existing Sienna Hills Parkway off of McDowell Road. This development will connect with Parcel 5N at the intersection of Woodward and 216th Drives. All homes within the Sienna Hills CMP are required to be fire-sprinkled. Additionally, a 20-foot emergency access easement is located between lots 36 and 37, which will exit out to tract "F" that will ultimately connect to future roadways.

BENEFITS:
Approval of this plat will create new lots for development for future single family residential home product.

FUTURE ACTION:
None.

FINANCIAL IMPACT STATEMENT:
N/A

CURRENT FISCAL YEAR TOTAL COST:
N/A

FISCAL YEAR:
N/A

FUND/DEPARTMENT:
N/A

Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:

3R PLZS-21-00126 SIENNA HILLS 7B N FINAL PLAT - PLAT.pdf
Sienna Hills Vicinity Map.pdf
2R - PLZS-21-00126 - NARRATIVE.pdf
SIENNA HILLS Unit 2 Parcels 5 North, 6 North, 7B North CAWS.pdf
SWCA Archaeology report - White Tank Mountian Foothills.pdf

FINAL PLAT
FOR
"SIENNA HILLS - PARCEL 7B NORTH"

SITUATED IN A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA

DEDICATION

STATE OF ARIZONA }
} SS
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER"), HAS SUBDIVIDED UNDER THE NAME "SIENNA HILLS – PARCEL 7B NORTH", A PORTION OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER MERIDIAN, CITY OF BUCKEYE, MARICOPA COUNTY, ARIZONA, AS SHOWN PLATTED HEREON, AND DOES HEREBY PUBLISH THIS PLAT AS AND FOR THE PLAT OF "SIENNA HILLS – PARCEL 7B NORTH", HEREBY DECLARES THAT SAID PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE LOTS, STREETS, TRACTS, AND EASEMENTS CONSTITUTING SAME AND THAT EACH LOT, STREET, TRACT, AND EASEMENT SHALL BE KNOWN BY THE NUMBER OR NAME GIVEN TO EACH, RESPECTIVELY ON SAID PLAT. JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, AS OWNER, HEREBY DEDICATES TO THE PUBLIC FOR USE AS SUCH THE STREETS, AND EASEMENTS AS SHOWN ON SAID PLAT AND INCLUDED IN THE ABOVE DESCRIBED PREMISES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE FEE TITLE TO ALL PUBLIC RIGHT–OF–WAYS AS SHOWN ON THE PLAT.

ALL IMPROVEMENTS, FOR STREETS AND PUBLIC UTILITIES OWNED AND OPERATED BY THE CITY, INSTALLED OR CONSTRUCTED BY OWNER WITHIN THE PUBLIC RIGHT–OF–WAYS, THE EASEMENTS, OR ANY TRACTS OR PARCELS HEREBY DEDICATED TO THE CITY OF BUCKEYE SHALL BE DEEMED TO HAVE BEEN DEDICATED BY OWNER TO THE CITY UPON THEIR COMPLETION; HOWEVER, SUCH TRANSFER SHALL NOT OCCUR UNTIL THE CITY OF BUCKEYE MANIFESTS ITS ACCEPTANCE BY SEPARATE FORMAL ACTION.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ACCESS EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF EMERGENCY AND SERVICE TYPE VEHICLE ACCESS PURPOSES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS LIMITED PURPOSE PUBLIC UTILITY EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING PUBLIC UTILITIES.

OWNER HEREBY DEDICATES TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIDEWALK EASEMENTS AS SHOWN ON THIS PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING SIDEWALKS.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS ROADWAY EASEMENT AS SHOWN ON THE PLAT FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, MAINTAINING, REPAIRING, REPLACING AND UTILIZING STREETS PER THE CITY OF BUCKEYE ENGINEERING DESIGN STANDARDS.

PERPETUAL WATER AND SEWER EASEMENT ("EASEMENTS") AS DESCRIBED IN THE PLAT ARE GRANTED TO EPCOR WATER ARIZONA, INC. AND ITS SUCCESSORS AND ASSIGNS (COLLECTIVELY, "GRANTEE"), TO CONSTRUCT, OPERATE, AND MAINTAIN WATER AND SEWER LINES AND APPURTENANT FACILITIES (COLLECTIVELY, "FACILITIES") UPON, ACROSS, OVER AND UNDER THE SURFACE OF THE EASEMENTS, TOGETHER WITH THE RIGHT TO OPERATE, REPAIR, REPLACE, MAINTAIN, AND REMOVE THE FACILITIES FROM THE PREMISES; TO ADD OR TO ALTER THE FACILITIES, AND TO PROVIDE GRANTEE WITH REASONABLE INGRESS AND EGRESS TO THE FACILITIES. GRANTEE WILL HAVE UNRESTRICTED ACCESS TO THE EASEMENT FOR THE ACTIVITIES DESCRIBED ABOVE AND FORMAL NOTIFICATION OR APPROVAL BY ANY ASSOCIATION PRIOR TO ACCESSING THE EASEMENT WILL NOT BE REQUIRED.

THESE WATER EASEMENTS (WE) ARE GRANTED SUBJECT TO THE CONDITION THAT GRANTEE SHALL HOLD GRANTOR'S SUCCESSORS AND ASSIGNS HARMLESS FROM ANY AND ALL DAMAGES, CLAIMS, LIABILITIES OR EXPENSES WHICH MAY RESULT FROM GRANTEE'S USE OF THE WATER EASEMENTS. BY ACCEPTING THE WATER EASEMENTS, THE GRANTEE AGREES TO EXERCISE REASONABLE CARE TO AVOID DAMAGE TO THE PREMISES AND ALL PROPERTY THAT MAY AT ANY TIME BE THEREON.

GRANTOR SHALL NOT ERECT OR CONSTRUCT OR PERMIT TO BE ERECTED OR CONSTRUCTED ANY BUILDING, STRUCTURE OR SIMILAR IMPROVEMENT WITHIN THE LIMITS OF THE EASEMENT GRANTED HEREIN, GRANTOR SHALL NOT, NOR PERMIT, THE GRADE OVER GRANTEE'S FACILITIES TO BE SUBSTANTIALLY ALTERED WITHOUT, IN EACH INSTANCE, THE PRIOR WRITTEN CONSENT OF GRANTEE, AND GRANTOR AGREES THAT NO OTHER PIPES OR CONDUIT SHALL BE PLACED WITHIN THE PREMISES SUBJECT TO THE EASEMENT GRANTED HEREIN, EXCEPT PIPES CROSSING GRANTEE'S FACILITIES AT RIGHT ANGLES, IN WHICH CASE, A MINIMUM VERTICAL DISTANCE OF TWO (2) FEET (AS MEASURED FROM THE CLOSEST POINTS ON THE OUTSIDE EDGES) SHALL BE MAINTAINED BETWEEN GRANTEE'S FACILITIES AND SUCH OTHER PIPES OR CONDUITS. UNLESS GRANTEE EXPRESSLY CONSENTS IN WRITING OTHERWISE, ANY AND ALL SEWER PIPES CROSSING THE EASEMENT GRANTED HEREIN SHALL BE LAID BELOW GRANTEE'S FACILITIES. HOWEVER, GRANTOR SHALL HAVE THE RIGHT TO CONSTRUCT AND ERECT FENCES, TO INSTALL LANDSCAPING, PARKING FACILITIES AND DRIVEWAYS, AND TO ESTABLISH OTHER USES WHICH ARE NOT INCONSISTENT WITH USES WITHIN THE LIMITS OF SAID EASEMENT IN A MANNER WHICH WILL NOT UNREASONABLY INTERFERE WITH GRANTEE'S ACCESS TO THE FACILITIES.

THIS FINAL PLAT HEREBY GRANTS TO THE SIENNA HILLS HOMEOWNERS' ASSOCIATION, A NON–EXCLUSIVE EASEMENT OVER THOSE PORTIONS OF THE PROPERTY DESIGNATED AS TRACTS "A" THROUGH "E", INCLUSIVE FOR PURPOSES OF ACCESSING, MAINTAINING, REPAIRING AND REPLACING ALL OR ANY PORTION OF THE IRRIGATION SYSTEM THAT PROVIDES WATER TO LANDSCAPING WITHIN THE PUBLIC RIGHT–OF–WAY. THE IRRIGATION SYSTEM INCLUDES ITS WATER DELIVERY INFRASTRUCTURE, TIMERS, ELECTRICAL SUPPLY AND ANY ASSOCIATED LIGHTING. IF THE SIENNA HILLS HOMEOWNERS' ASSOCIATION ENTERS THOSE PORTIONS OF THE PROPERTY DESIGNATED AS COMMON AREAS, THE SIENNA HILLS HOMEOWNERS' ASSOCIATION SHALL RESTORE, AT ITS EXPENSE ANY PORTIONS OF THESE TRACTS TO ITS CONDITION PRIOR TO SUCH ENTRY.

THE CITY OF BUCKEYE IS HEREBY GRANTED AN EASEMENT FOR MAINTENANCE OF LANDSCAPING DRAINAGE AND RETENTION AREAS ON TRACTS "A" THROUGH "E", INCLUSIVE. THIS EASEMENT MAY BE EXERCISED BY THE CITY OF BUCKEYE AT ANY SUCH TIME WHEN THE SIENNA HILLS HOMEOWNERS' ASSOCIATION FAILS TO EXIST AND PROVIDE THE REQUIRED MAINTENANCE AND OPERATION OF LANDSCAPING DRAINAGE AND RETENTION AREAS. AS LONG AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION IS IN EXISTENCE IT IS RESPONSIBLE FOR PROVIDING ALL MAINTENANCE OF LANDSCAPING, DRAINAGE AND RETENTION AREAS REGARDLESS OF THE GRANTING OF THE EASEMENT.

THE MAINTENANCE OF LANDSCAPING WITHIN THE OPEN SPACES, LANDSCAPED TRACTS, RETENTION BASINS, AND PARKS SHALL BE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION."

MAINTENANCE OF DRAINAGE STRUCTURES AND OTHER DRAINAGE FACILITIES OUTSIDE OF PUBLIC RIGHT–OF–WAY ARE THE RESPONSIBILITY OF THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION"

THE MAINTENANCE OF LANDSCAPING WITHIN THE ADJACENT PUBLIC RIGHT–OF–WAYS, INCLUDING; LANDSCAPED MEDIANS, WITH COLLECTORS AND LOCAL STREETS AND LANDSCAPED AREAS BETWEEN THE CURB AND THE DETACHED SIDEWALK, SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER OR THE PROPERTY ASSOCIATION FORMED BY THE ADJACENT PROPERTY OWNER.

OWNER HEREBY GRANTS TO THE CITY OF BUCKEYE A NON–EXCLUSIVE EASEMENT OVER, UPON AND ACROSS THE AREAS DESIGNATED AS SIGHT VIABILITY TRIANGLES FOR THE PURPOSE OF ENSURING THAT THESE AREAS REMAIN FREE OF SIGHT VISIBILITY OBSTRUCTIONS AS PER THE ENGINEERING DESIGN STANDARDS.

THE EASEMENTS GRANTED WITHIN THIS DEDICATION ARE PERMANENT AND PERPETUAL AND SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF.

TRACTS "A" THROUGH "F", INCLUSIVE ARE HEREBY DECLARED AS COMMON AREAS FOR THE PURPOSES SHOWN AND FOR THE USE AND ENJOYMENT OF THE LOT OWNERS AS MORE FULLY SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR "SIENNA HILLS" TO BE HEREAFTER RECORDED, AND WILL BE OWNED AND MAINTAINED BY THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION". THE TRACTS THAT WILL NOT BE CONVEYED TO THE CITY OF BUCKEYE AND ALL COMMON PROPERTY SHALL BE APPROVED BY THE CITY OF BUCKEYE AND SHALL BE CONVEYED BY WARRANTY (OR SPECIAL WARRANTY DEED) TO THE "SIENNA HILLS HOMEOWNERS' ASSOCIATION." DWELLING UNITS SHALL NOT BE CONSTRUCTED ON SAID TRACTS.

OWNER HEREBY GRANTS TO THE UNITED STATES OF AMERICA DEPARTMENT OF THE AIR FORCE ("USAF") AN AVIGATION EASEMENT OVER AND ACROSS THIS PLAT AND EVERY LOT AND PARCEL THEREOF, WHICH EASEMENT

DEDICATION (CONTINUED)

SHALL INCLUDE, BUT NOT BE LIMITED TO, THE RIGHT OF FLIGHT OF AIRCRAFT OVER THIS PLAT, TOGETHER WITH ITS ATTENDANT NOISE, VIBRATIONS, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE AND AUXILIARY FIELD.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER") DOES HEREBY (1) RELEASE AND DISCHARGE THE USAF AND THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH AIRCRAFT OVERFLIGHTS FROM AIRCRAFT UTILIZING LUKE AIR FORCE BASE, WHETHER SUCH DAMAGE SHALL ORIGINATE FROM NOISE, VIBRATION, FUMES, DUST, FUEL AND LUBRICANT PARTICLES, AND ALL OTHER EFFECTS THAT MAY BE CAUSED BY THE OPERATION OF AIRCRAFT LANDING AT, OR TAKING OFF FROM, OR OPERATING AT OR ON LUKE AIR FORCE BASE. THIS INSTRUMENT SHALL RUN WITH THE LAND AND BE BINDING UPON OWNER AND ITS HEIRS, ASSIGNS, AND SUCCESSORS IN INTEREST TO THIS PLAT OR ANY PARCEL OR LOT THEREOF. THIS INSTRUMENT DOES NOT RELEASE THE USAF FROM LIABILITY FOR DAMAGE OR INJURY TO PERSON OR PROPERTY CAUSED BY FALLING AIRCRAFT OR FALLING PHYSICAL OBJECTS FROM AIRCRAFT, EXCEPT AS STATED HEREIN WITH RESPECT TO NOISE, FUMES, DUST, FUEL, AND LUBRICANT PARTICLES.

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, ("OWNER") DOES HEREBY; (1) RELEASE AND DISCHARGE THE CITY OF BUCKEYE, AND (2) INDEMNIFY, DEFEND, AND HOLD HARMLESS THE CITY OF BUCKEYE, OF AND FROM ANY LIABILITY FOR ANY AND ALL CLAIMS FOR DAMAGES OF ANY KIND TO PERSONS OR PROPERTY THAT MAY ARISE AT ANY TIME IN THE FUTURE OVER, OR IN CONNECTION WITH THE AREAS LOCATED WITHIN THE NEWLY DEDICATED RIGHT–OF–WAY AS DEPICTED ON THIS PLAT UNTIL SUCH TIME THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARDS AND THOSE IMPROVEMENTS ARE APPROVED AND ACCEPTED BY THE CITY. THE MAINTENANCE OF THE AREA WITHIN ANY NEWLY DEDICATED RIGHT–OF–WAY AS SHOWN ON THIS PLAT SHALL BE THE RESPONSIBILITY OF THE ADJACENT OWNER/OR SUBSEQUENT ADJACENT OWNERS WITHIN THE BOUNDARY OF SAID PLAT UNTIL SUCH TIME THAT THE AREA WITHIN THE RIGHT–OF–WAY IS IMPROVED TO CITY STANDARD AND ACCEPTED BY THE CITY OF BUCKEYE.

IN WITNESS WHEREOF:

JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY, AS OWNER, HAS HEREUNTO CAUSED ITS NAME TO BE AFFIXED AND THE SAME TO BE ATTESTED BY THE SIGNATURE OF THE UNDERSIGNED OFFICER, THEREUNTO DULY AUTHORIZED THIS _____ DAY OF _____, 2021.

BY: JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY.

BY: _____ DATE_____

ITS: _____

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE _____ DAY OF _____, 2021.

BY _____ THE _____ OF
JEN ARIZONA 40 LLC., AN ARIZONA LIMITED LIABILITY COMPANY FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

APPROVAL

APPROVED BY THE COUNCIL OF THE CITY OF BUCKEYE ON THIS _____ DAY OF _____, 2021.

BY: _____,
MAYOR

ATTEST: _____,
CITY CLERK

I CERTIFY THAT ALL ENGINEERING CONDITIONS AND REQUIREMENTS HAVE BEEN COMPLIED WITH.

BY: _____, _____
BUCKEYE CITY ENGINEER DATE

BY: _____, _____
DEVELOPMENT SERVICES DIRECTOR DATE

RATIFICATIONS

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

KNOW ALL MEN BY THESE PRESENTS:

THAT SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION, HEREBY RATIFIES, AFFIRMS, AND APPROVES THIS FINAL PLAT FOR "SIENNA HILLS – PARCEL 5 NORTH" AND THE RESPONSIBILITIES IMPOSED UPON IT UNDER THIS FINAL PLAT.

IN WITNESS WHEREOF, SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION,. HAS CAUSED ITS NAME TO BE AFFIXED BY THE UNDERSIGNED, DULY AUTHORIZED OFFICER THIS _____ DAY OF _____, 2021.

SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION.

BY: _____,

ITS: _____,

ACKNOWLEDGEMENT

STATE OF ARIZONA }
} S.S.
COUNTY OF MARICOPA }

THIS DOCUMENT WAS ACKNOWLEDGED BEFORE ME THIS THE _____ DAY OF _____, 2021,

BY _____ THE _____ OF
SIENNA HILLS HOMEOWNERS' ASSOCIATION, AN ARIZONA NON–PROFIT CORPORATION, FOR AND ON BEHALF THEREOF.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC: _____

DEVELOPMENT AGREEMENT NOTES

1. PURSUANT TO THE AGREED–UPON PROVISIONS OF THE DEVELOPMENT AGREEMENT, AS AMENDED, THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNLESS A MULTI–USE FIRE SUPPRESSION SPRINKLER SYSTEM, APPROVED BY THE CITY, IS INSTALLED IN THE HOME CONSTRUCTED ON SUCH LOT.
2. SECONDARY EMERGENCY ACCESS WITH APPROVED ELECTRIC GATES AND FIRE DEPARTMENT SIGNAGE WILL BE REQUIRED TO BE INSTALLED, PRIOR TO RELEASING ANY RESIDENTIAL BUILDING PERMITS.
3. THE CITY OF BUCKEYE WILL NOT ISSUE A BUILDING PERMIT ON A GIVEN LOT UNTIL A RECEIPT IS SUBMITTED SHOWING PAYMENT–IN–FULL OF WATER AND SEWER FEES TO EPCOR WATER ARIZONA, INC. (OR ITS SUCCESSOR) FOR SUCH LOT.

PUBLIC NOTICE

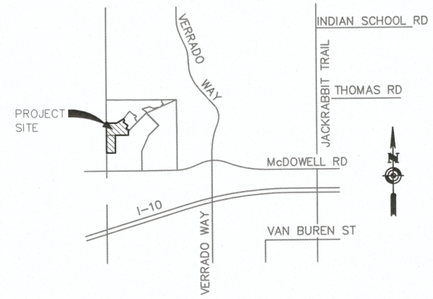
THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE SOUND ATTENUATION STANDARDS ADOPTED BY THE CITY OF BUCKEYE. A MAP, SIZED AT LEAST 24" X 36" DEPICTING THE MOST CURRENT ADOPTED MAG NOISE CONTOURS IN RELATION TO THIS PLAT SHALL BE DISPLAYED IN ALL SALES OFFICES. ADDITIONAL INFORMATION MAY BE OBTAINED BY CONTACTING THE CITY OF BUCKEYE DEVELOPMENT SERVICES DEPARTMENT.

FINANCIAL ASSURANCE NOTE

FINAL PLAT APPROVAL BY THE CITY IS CONDITIONAL AND SUBJECT TO FINANCIAL ASSURANCES BEING IN PLACE FOR ALL IMPROVEMENTS AS SHOWN ON THE APPROVED PLANS. THE CITY WILL NOT RECORD ANY PLATS UNTIL SUCH TIME FINANCIAL ASSURANCES ARE IN PLACE. IF AFTER 180 DAYS FROM CITY COUNCIL APPROVAL THE FINAL PLAT HAS NOT BEEN RECORDED, THEN IT SHALL BE NULL AND VOID. A VALID PRELIMINARY PLAT NEEDS TO BE IN PLACE PRIOR TO APPROVAL OF ANY FINAL PLAT ASSOCIATED WITHIN THE PROJECT IN ACCORDANCE WITH THE DEVELOPMENT CODE. THE SIGNED PLAT WILL NOT BE SUBMITTED TO THE CITY FOR SIGNATURE AND RECORDING UNTIL FINANCIAL ASSURANCES ARE IN PLACE.

PROJECT SUMMARY

PROJECT AREAS	AREA (ACRES)
PARCEL 7B NORTH	
LOT AREAS	9.5030
TRACT AREAS	43.0438
RIGHT–OF–WAY AREA	2.8191
TOTAL	55.3659 AC



VICINITY MAP

SECTION 36, T2N, R3W
NOT TO SCALE

PROPERTY OWNERS

JEN ARIZONA 40 LLC.,
AN ARIZONA LIMITED LIABILITY COMPANY
2222 WEST PINNACLE PEAK ROAD, SUITE 140
PHOENIX, ARIZONA 85027
TEL: (480) 344–2911
CONTACT: MIKE CRONIN
EMAIL: MCRONIN@TERRAWESTAZ.COM

ENGINEER/SURVEYOR

HUITT–ZOLLARS
5050 N. 40TH STREET, SUITE 100
PHOENIX, ARIZONA 85018
TEL: (602) 252–8384
FAX: (602) 252–8385
CONTACT: DENNIS HARMON, JR., RLS
EMAIL: DENNISH@HUITT–ZOLLARS.COM

BASIS OF BEARING

THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 36, TOWNSHIP 2 NORTH, RANGE 3 WEST BEARING S89°20'22W, AS RECORDED IN BOOK 893, PAGE 11, MCR

SHEET INDEX

SHEET 1	COVER, SITE INFORMATION, PROJECT SUMMARY TABLE AND APPROVALS
SHEET 2	BOUNDARY & KEY MAP, TYPICAL LOT LAYOUT AND LINE & CURVE TABLES
SHEET 3	NOTES, LEGEND, ZONING TABLE, LOT AREA TABLE, TRACT AREA & USE TABLE RIGHT–OF–WAY TABLE AND SIGHT VISIBILITY EASEMENT DETAIL
SHEET 4 – 6	PLAT SHEETS

ZONING

ZONING FOR THE SUBJECT PROPERTY IS PLANNED COMMUNITY (PC) PER CITY OF BUCKEYE DEVELOPMENT CODE (1996).

FEMA FLOODPLAIN DESIGNATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE
040039	2110	L	OCT. 16, 2013	X (SHADED) & ZONE AE & A

ZONE "X": (SHADED) AREAS OF 500–YEAR; AREAS OF 100–YEAR FLOOD WITH AN AVERAGE DEPTH OF LESS THAN ONE (1) FOOT OR WITH DRAINAGE AREAS LESS THAN ONE (1) SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM THE 100–YEAR FLOOD.

ZONE AE: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: BASE FLOOD ELEVATION DETERMINED.

ZONE A: SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD: NO BASE FLOOD ELEVATION DETERMINED.

THE PROPERTY IS LOCATED WITHIN AN AREA DESIGNATED AS HAVING FLOOD ZONE "X" (SHADED), ZONE AE AND ZONE A, BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, ON FLOOD INSURANCE RATE MAP NO. 04013C2110L, WITH A REVISION DATE OF OCTOBER 16, 2013, FOR COMMUNITY NO. 040039 , IN THE CITY OF BUCKEYE, COUNTY OF MARICOPA, STATE OF ARIZONA, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

PLZS-21-00126
3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

SURVEYOR'S CERTIFICATION

I, DENNIS HARMON, JR., HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR IN THE STATE OF ARIZONA, THAT THIS PLAT CONSISTING OF SIX (6) SHEETS CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME DURING THE MONTH OF MARCH 2020. THAT THE SURVEY IS TRUE AND CORRECT AS SHOWN, THAT ALL MONUMENTS EXIST OR WILL BE SET AND, THAT THEIR POSITIONS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68083
DENNIS
HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

DENNIS HARMON, JR., RLS
ARIZONA R.L.S. # 68083

11/17/2021
DATE

SEE SHEET 2 FOR LINE & CURVE TABLES

AREA 55.3659 AC

Job No: R311080.03

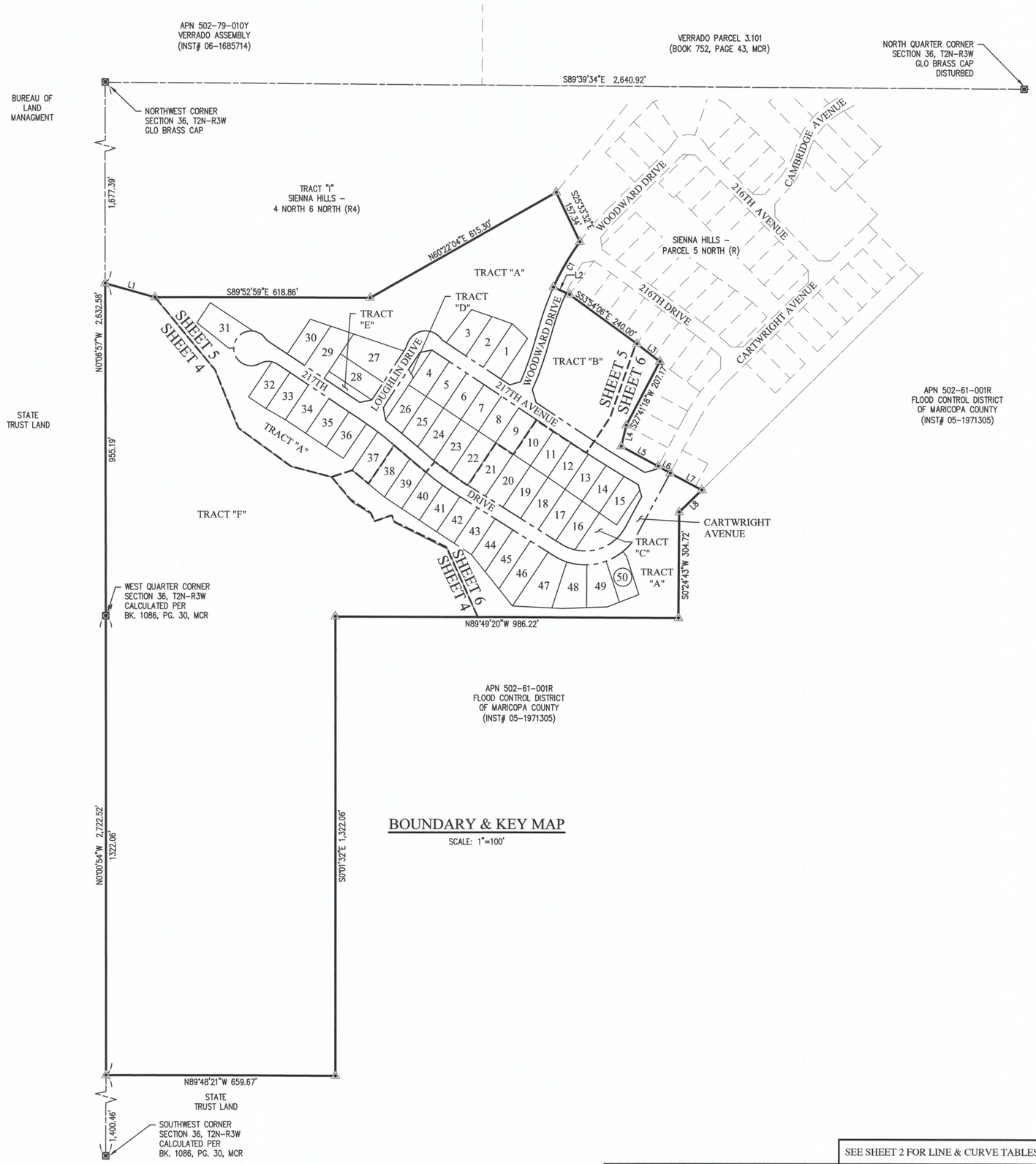
PLZS - 21 - 00126

SHEET 1 OF 6

Date: 11/17/2021

G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 7BN\31108003FP–7B NORTH.dwg

HUITT–ZOLLARS
5050 N. 40th Street, Suite 100 | Phoenix, AZ 85018
Office (602) 252-8384
www.huitt-zollars.com
ADVANCEDESIGN™
Land Planning • Hydrology • Land Development • Civil Engineering • Surveying



BOUNDARY & KEY MAP

SCALE: 1"=100'

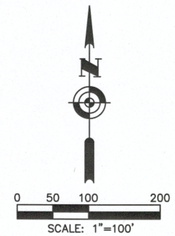
LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L1	148.10	S74°17'33"E
L2	50.48	S65°36'59"E
L3	82.88	S52°18'57"E
L4	62.05	S13°20'56"W
L5	120.00	S61°52'01"E
L6	40.02	S59°56'23"E
L7	102.91	S61°52'01"E
L8	91.14	S45°24'47"W
L9	24.18	N33°32'31"E
L10	117.43	N59°22'01"W

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L11	48.65	N23°32'31"E
L12	78.59	N16°25'04"E
L13	14.26	N89°24'24"W
L14	35.36	N78°32'31"E
L15	36.12	N15°37'01"W
L16	34.58	N74°22'59"E
L17	35.36	N78°32'31"E
L18	36.17	N10°07'20"W
L19	38.30	N16°27'29"W
L20	32.42	N73°57'58"E

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L21	22.72	N20°26'37"W
L22	52.63	N70°31'06"E
L23	20.00	N19°28'54"W
L24	67.96	N57°45'25"W
L25	93.60	N39°30'36"W
L26	17.30	N36°14'10"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C1	770.00'	11°15'41"	151.34'	151.10	S30°00'51"W
C2	750.00'	7°57'57"	104.27'	104.19	N20°24'02"E
C3	850.00'	7°07'27"	105.69'	105.62	N19°58'47"E
C4	1,050.00'	6°48'02"	124.63'	124.55	N53°03'28"W
C5	750.00'	8°06'15"	106.08'	105.99	N53°42'34"W
C6	150.00'	94°06'19"	246.37'	219.59	N75°11'09"E
C7	2,000.00'	2°54'32"	101.54'	101.53	N57°54'45"W
C8	770.00'	7°57'57"	107.05'	106.97	N20°24'02"E
C9	730.00'	7°57'57"	101.49'	101.41	N20°24'02"E
C10	830.00'	7°06'26"	102.96'	102.89	N19°58'17"E
C11	870.00'	7°07'27"	108.18'	108.11	N19°58'47"E
C12	55.00'	17°20'29"	16.65'	16.58	N47°47'14"W
C13	55.00'	124°40'58"	119.69'	97.43	N78°32'31"E
C14	55.00'	17°20'29"	16.65'	16.58	N24°52'17"E
C15	50.00'	19°38'49"	17.15'	17.06	N46°38'04"W

CURVE TABLE					
CURVE NO.	RADIUS	DELTA	LENGTH	CHD LENGTH	CHD DIRECTION
C16	50.00'	262°22'30"	228.97'	75.26	N12°00'06"E
C17	50.00'	62°43'40"	54.74'	52.05	N87°49'19"W
C18	1,030.00'	6°48'02"	122.25'	122.18	N53°03'28"W
C19	1,070.00'	3°27'34"	64.61'	64.60	N51°23'14"W
C20	730.00'	8°06'15"	103.25'	103.17	N53°42'34"W
C21	770.00'	8°06'15"	108.91'	108.82	N53°42'34"W
C22	130.00'	94°06'19"	213.52'	190.31	N75°11'09"E
C23	170.00'	94°06'19"	279.22'	248.87	N75°11'09"E
C24	1,980.00'	2°54'32"	100.52'	100.51	N57°54'45"W
C25	2,020.00'	2°54'32"	102.55'	102.54	N57°54'45"W





SEE SHEET 2 FOR LINE & CURVE TABLES

AREA 55.3659 AC

PLZS - 21 - 00126

SHEET 2 OF 6

G:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 7BN\31108003FP-7B NORTH.dwg

Job No: R311080.03

Date: 11/17/2021

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GENERAL NOTES

1. THE LOTS DEPICTED ON THIS PLAT ARE LOCATED WITHIN THE VICINITY OF LUKE AIR FORCE BASE AND MAY BE SUBJECT TO OVERFLIGHTS BY JET AIRCRAFT. ALL STRUCTURES WITHIN THIS PLAT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE STATUTORILY REQUIRED SOUND ATTENUATION STANDARDS.(IF WITHIN THE VICINITY OF LAFB OR LUKE AUX)

2. THE PROPERTY OWNERS, OR ANY SUBSEQUENT OWNERS SHALL NOT PROCEED WITH ANY ON SITE GRADING OR EXCAVATION WITHOUT FIRST OBTAINING A PERMIT FROM THE CITY OF BUCKEYE.

3. IN ACCORDANCE WITH ARS § 9-461.07, THE CITY OF BUCKEYE HAS DETERMINED THAT ALL DEDICATIONS OCCURRING WITH THIS PLAT ARE IN CONFORMANCE WITH THE GENERAL PLAN.

4. PURSUANT TO A.R.S. § 42-11102, THE CITY OF BUCKEYE, A POLITICAL SUBDIVISION OF THE STATE OF ARIZONA, IS EXEMPT FROM ALL TAXES AND ASSESSMENTS BASED ON ASSESSED VALUE EXCEPT FOR SPECIAL DISTRICTS #14751 AND 14710, WHEN APPLICABLE.

5. THIS SITE CONSISTS OF A TOTAL OF 50 LOTS AND 6 TRACTS IN THE PLANNED COMMUNITY (PC) ZONING DISTRICT.

6. THIS FINAL PLAT IS IN SUBSTANTIAL CONFORMANCE WITH THE PRELIMINARY PLAT APPROVED ON 03-23-2021 UNDER CASE# PLZS-20-00058.

7. THE LAND DESCRIBED IN THIS PLAT IS LOCATED WITHIN THE SERVICE AREA OF EPCOR WATER COMPANY, AN ARIZONA CORPORATION, THIS SUBDIVISION WAS ISSUED A CERTIFICATE OF ASSURED WATER SUPPLY BY ARIZONA DEPARTMENT OF WATER RESOURCES ON AUGUST 6, 2007 WITH ADWR CERTIFICATE 29-500015.0012.

8. NO STRUCTURE OF ANY KIND SHALL BE CONSTRUCTED OR ANY VEGETATION TO BE PLANTED OR BE ALLOWED TO GROW WITHIN ANY DRAINAGE EASEMENT WHICH WOULD IMPEDE THE FLOW OF WATER OVER, UNDER, OR THROUGH EASEMENTS.

9. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND EXCEPT POWER LINES 69KV AND LARGER.

10. IT IS ACKNOWLEDGED THAT THIS PROPERTY WILL BE PART OF A PARKWAY MAINTENANCE IMPROVEMENT DISTRICT (MID) AND STREET LIGHTING IMPROVEMENT DISTRICT (SLID) AT THE TIME THAT IT IS DEVELOPED, IN ACCORDANCE WITH BUCKEYE ORDINANCES 43-05 AND 42-06.

11. ALL SETBACKS SHALL CONFORM WITH THE COMMUNITY MASTER PLAN, INCLUDING ALL MAJOR AND MINOR AMENDMENT THERETO.

12. ALL COMMON AREA TRACTS, IF ANY, AND TRACTS IDENTIFIED AS AREAS OF COMMON RESPONSIBILITY SHALL BE CONVEYED TO THE SIENNA HILLS HOMEOWNER'S ASSOCIATION, SHALL BE MAINTAINED AS AREAS OF COMMON RESPONSIBILITY BY THE ASSOCIATION AND SHALL NOT BE ACCEPTED FOR MAINTENANCE OR OWNERSHIP BY THE CITY.

13. EXCEPT FOR CONSTRUCTION AND IMPROVEMENTS BY GOVERNMENTAL ENTITIES AND CERTIFIED PUBLIC UTILITIES, CONSTRUCTION AND IMPROVEMENTS WITHIN LIMITED PURPOSE PUBLIC UTILITY EASEMENTS SHALL BE LIMITED TO ONLY THE FOLLOWING:
    A. WOOD, WIRE, OR REMOVABLE SECTION TYPE FENCING.
    B. ALL DRY PUBLIC UTILITIES WHICH USE OR MAY USE THE PUBLIC EASEMENT.
    C. LANDSCAPING.

14. HOMEOWNERS' ASSOCIATION INCLUDING ALL LOT OWNERS HAS BEEN FORMED AND HAS THE RESPONSIBILITY OF MAINTAINING ALL COMMON AREAS NOTED AS TRACTS, LANDSCAPED AREAS, AND DRAINAGE FACILITIES IN ACCORDANCE WITH THE APPROVED PLANS. THIS RESPONSIBILITY INCLUDES ALL ADJACENT RIGHT-OF-WAY. SAID HOMEOWNERS' ASSOCIATION SHALL BE REFERRED TO AS THE SIENNA HILLS HOMEOWNERS' ASSOCIATION.

15. THE CITY OF BUCKEYE IS NOT DESIGNATED AS AN ASSURED WATER PROVIDER PURSUANT TO ARS 45-576.

16. AN 18" REBAR WITH LAND SURVEYOR CAP WILL BE SET AT ALL BOUNDARY CORNERS, LOT CORNERS, POINTS OF CURVATURE, POINTS OF TANGENCY, AND ANGLE POINTS AT COMPLETION OF MASS GRADING.

17. IN EASEMENTS FOR EXCLUSIVE USE OF WATER, SANITARY SEWER, RECLAIMED WATER OR ANY COMBINATION THEREOF, ONLY GROUNDCOVER AND BUSHES ARE ALLOWED TO BE PLANTED WITHIN THE EASEMENT AREA, NO TREES OR BOULDERS ARE ALLOWED.

18. VISIBILITY RESTRICTIONS: ANY OBJECT, WALL, STRUCTURE, MOUND OR LANDSCAPING (MATURE) OVER 24" IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT. TREE CANOPIES OVERHANGING THE EASEMENT, SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7'. NO TREES ARE TO BE INSTALLED WITHIN THE 6' OF THE BACK OF CURB, OR 6' OF ANY FIRE HYDRANT. NO BOULDERS ARE TO BE INSTALLED IN THE VNAE, PUE, R/W, OR WITHIN 6' OF THE BACK OF CURB. ANY VEGETATION VIOLATING THESE RESTRICTIONS INCLUDING TREES, SHRUBS, BUSHES OR GROUND COVER MAY BE REMOVED FOR ANY REASON IF DEEMED NECESSARY BY THE CITY OF BUCKEYE.

19. LIMITED PURPOSE PUBLIC USE EASEMENT (THE LPPUE) SHALL BE RESTRICTED TO USES RELATING TO STREET AND SIDEWALK LIGHTING, CATV, NATURAL GAS, ELECTRIC, TELEPHONE, AND OTHER UTILITIES NOT INVOLVING THE CONVEYANCE OF ANY LIQUID SUBSTANCE EXCEPT AS HEREAFTER PROVIDED. NOTWITHSTANDING THE FOREGOING, UTILITIES CONVEYING A LIQUID SUBSTANCE, INCLUDING BUT NOT LIMITED TO, WATER, SEWER, EFFLUENT AND LIQUID PETROLEUM PRODUCTS MAY CROSS SUCH LPPUE AT APPROXIMATELY PERPENDICULAR ANGLE TO THE LENGTH OF THE LPPUE OR IN SUCH MANNER AS OTHERWISE DETERMINED BY THE CITY AND TO THE EXTENT NECESSARY TO PROVIDE THE SERVICE CONNECTIONS TO THE PARCEL OR LOT ADJACENT TO OR SERVED BY THE LPPUE. UTILITIES CONVEYING ANY LIQUID SUBSTANCE SHALL BE LOCATED IN PUBLIC STREETS AND RIGHT OF WAY AT THE LOCATION DESIGNATED BY THE CITY.

20. EACH HOME'S WATER CONNECTION SHALL BE PRESSURE TESTED PRIOR TO CERTIFICATE OF OCCUPANCY. IF THRESHOLD PRESSURE OF 90 PSI IS EXCEEDED, THE HOMEBUILDER SHALL INSTALL A PRESSURE REDUCING VALVE AT THE HOME CONNECTION THAT MEETS PLUMBING AND BUILDING CODES.

21. MAJOR CHANGES TO THIS FINAL PLAT WITH REGARD TO USE, DENSITY, AND INTENSITY MUST BE PROCESSED AS A REVISED APPLICATION WITH APPROVAL BY THE CITY COUNCIL UPON RECOMMENDATION OF THE PLANNING COMMISSION. THE CITY MANAGER AND THE DEVELOPMENT SERVICES DIRECTOR MAY ADMINISTRATIVELY APPROVE MINOR CHANGES TO THE FINAL PLAT.

22. IT'S THE RESPONSIBILITY OF THE HOMEOWNERS' ASSOCIATION TO TRIM TREES ON THEIR PROPERTY AND OVER ADJACENT ROADWAYS TO ALLOW FOR AND 18-FOOT HEIGHT CLEARANCE ABOVE THE ROADWAY.

ZONING TABLE	
ZONING DISTRICT	PLANNED COMMUNITY (PC)
PARCEL	7B NORTH
LAND USE DESIGNATIONS	LDR
MINIMUM LOT AREA	7,200 SF
MINIMUM LOT SIZE (1)	60' x 120'
MAXIMUM BUILDING HEIGHT	30' (2 STORIES)
APPROXIMATE GROSS AREA	55.1787 AC
LAND PLAN DENSITY	0.9 DU/AC(GROSS), 4.1 DU/AC
LAND PLAN DWELLING UNITS	50
MINIMUM BUILDING SETBACKS (2)	
LIVING FRONT YARD	12'
REAR YARD (3)	15'
STREET SIDE YARD	10'
SIDE YARD	5' & 10' 15' TOTAL
MINIMUM BUILDING SEPARATION	10'
MINIMUM GARAGE SETBACKS	
FRONT LOADED (4)	20'
SIDE LOADED	12'
MAXIMUM GARAGE WIDTH (5)	3 CAR WIDTHS
MAXIMUM LOT COVERAGE	55%
MINIMUM PARKING REQUIREMENT	2 PER UNIT

NOTES

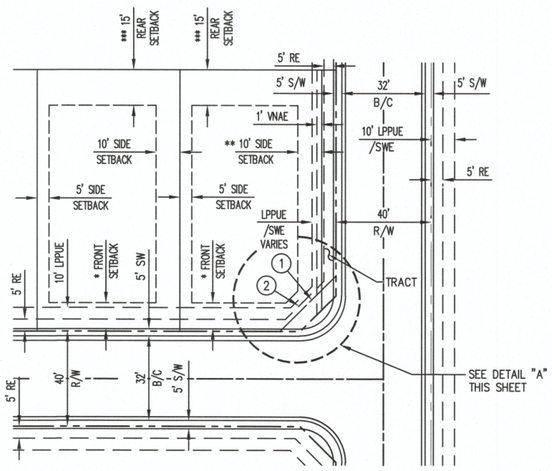
1. LOT DEPTH MAY BE DECREASED BY 10-FT ON CUL-DE-SAC AND KNUCKLE LOTS AS LONG AS MINIMUM LOT AREA IS MAINTAINED.

2. BUILDING SETBACK LINE IS THE REQUIRED DISTANCE BETWEEN THE PROPERTY LINE AND THE CLOSEST POINT OF ANY BUILDING. A MINIMUM 20-FT TRACT ALONG ARTERIAL STREETS. TRACT SHALL BE IN COMMON OWNERSHIP.

3. THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS; OTHER PROJECTIONS SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.

4. THE FRONT LOADED GARAGE SETBACK IS THE REQUIRED DISTANCE BETWEEN THE FACE OF THE GARAGE AND THE BACK OF THE SIDEWALK, OR PROPERTY LINE, WHICHEVER IS CLOSER.

5. MAXIMUM DRIVEWAY WIDTH SHALL BE 28-FEET FOR GARAGES WITH THREE (3) CAR GARAGES. WHERE APPROPRIATE, SHARED DRIVEWAYS CAN BE USED FOR MUTUAL BENEFIT. MAINTENANCE TO BE COVERED WITHIN CC&R'S.



TYPICAL LOT LAYOUT NOT TO SCALE

* 12' TO LIVING AREA
20' TO GARAGE
12' TO SIDE ENTRY GARAGE
10' SIDE SETBACK WHEN ADJACENT TO STREET WITH NO TRACT
** THE REAR YARD SETBACK APPLIES ONLY TO ENCLOSED LIVABLE AREAS;
*** OTHER PROJECTIONS, SUCH AS PATIOS OR BALCONIES SHALL HAVE A MINIMUM 10-FOOT SETBACK.

(1) 33' X 33' TRIANGLE - SITE VISIBILITY EASEMENT RESTRICTION

(2) 25' X 25' CUTOFF FROM 5' ROADWAY EASEMENT

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
1	8,716	0.200
2	8,574	0.197
3	8,155	0.187
4	7,200	0.165
5	7,200	0.165
6	7,200	0.165
7	7,200	0.165
8	7,200	0.165
9	7,200	0.165
10	7,200	0.165

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
11	7,200	0.165
12	7,237	0.166
13	7,337	0.168
14	7,532	0.173
15	7,716	0.177
16	8,047	0.185
17	8,301	0.191
18	8,457	0.194
19	8,577	0.197
20	8,658	0.199

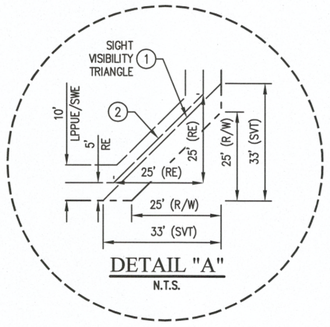
LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
21	8,740	0.201
22	8,800	0.202
23	8,652	0.199
24	8,265	0.190
25	7,835	0.180
26	7,450	0.171
27	13,089	0.300
28	8,880	0.204
29	9,706	0.223
30	7,679	0.176

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
31	9,407	0.216
32	7,447	0.171
33	7,822	0.180
34	8,404	0.193
35	8,413	0.193
36	7,213	0.166
37	8,010	0.184
38	8,006	0.184
39	7,772	0.178
40	7,394	0.170

LOT AREA TABLE		
LOT NO.	AREA (SF)	AREA (ACRE)
41	7,254	0.167
42	7,313	0.168
43	7,395	0.170
44	8,054	0.185
45	9,290	0.213
46	10,526	0.242
47	13,085	0.300
48	10,066	0.231
49	9,515	0.218
50	7,560	0.174

TRACT AREA & USE TABLE			
TRACT NAME	AREA (SF)	AREA (ACRE)	USE
TRACT "A"	347,836	7.9852	DRAINAGE, LANDSCAPE, SIDEWALK & COMMON AREA
TRACT "B"	97,763	2.2443	DRAINAGE, LANDSCAPE, SIDEWALK & COMMON AREA
TRACT "C"	10,197	0.2341	LANDSCAPE, SIDEWALK & COMMON AREA
TRACT "D"	5,405	0.1241	LANDSCAPE, SIDEWALK & COMMON AREA
TRACT "E"	3,388	0.0778	LANDSCAPE, SIDEWALK & COMMON AREA
TRACT "F"	1,410,397	32.3783	COMMON AREA

RIGHT OF WAY AREA TABLE		
RIGHT OF WAY	AREA (SF)	AREA (ACRE)
217TH AVENUE	31,837	0.7309
217TH DRIVE	53,512	1.2285
CARTWRIGHT AVENUE	12,904	0.2962
LOUGHLIN DRIVE	11,252	0.2583
WOODWARD DRIVE	13,297	0.3052
TOTAL	122,802	2.8191



DETAIL "A"
N.T.S.

SIGHT VISIBILITY EASEMENT RESTRICTIONS:

- ANY OBJECT, WALL, STRUCTURE, MOUND, OR LANDSCAPING (MATURE) OVER 24-INCHES IN HEIGHT IS NOT ALLOWED WITHIN THE SIGHT VISIBILITY EASEMENT.
- TREE CANOPIES OVERHANGING IN THE SIGHT VISIBILITY EASEMENT SHALL BE KEPT TRIMMED TO A HEIGHT NO LESS THAN 7-FEET.

LEGEND

◙	INDICATES SECTION CORNER, AS NOTED		
⛬	INDICATES CORNER OF SUBDIVISION SET 1/2" REBAR WITH CAP OF RLS# 68083		
◉	SET CENTERLINE MONUMENT. SET BRASS CAP PER MAG STD DET 120, TYPE "B" (UNLESS OTHERWISE SPECIFIED), IN CONJUNCTION WITH THE CONSTRUCTION PER THE APPROVED IMPROVEMENT PLANS.		
◎	EXISTING CENTERLINE MONUMENT		
C#	CURVE NUMBER	L#	LINE NUMBER
R/W	RIGHT-OF-WAY	COR	CORNER
SEC	SECTION	FD	FOUND
NE	NORTHEAST	SE	SOUTHEAST
NW	NORTHWEST	SW	SOUTHWEST
BK	BOOK	PG	PAGE
EXIST	EXISTING	DKT	DOCKET
ESMT	EASEMENT	INST	INSTRUMENT
LPPUE	LIMITED PURPOSE PUBLIC UTILITY EASEMENT	(R)	FINAL PLAT FOR "SIENNA HILLS - PARCEL 5 NORTH" BOOK_____, PAGE_____, MCR
MCR	MARICOPA COUNTY RECORDS	(R1)	FINAL PLAT FOR VERRADO PARCEL 3.101, BOOK 752, PAGE 43, MCR
DE	DRAINAGE EASEMENT	(R2)	FIRESIDE AT SIENNA HILLS MAP OF DEDICATION, BOOK 893, PAGE 11, MCR
PUE	PUBLIC UTILITY EASEMENT	(R3)	FINAL PLAT SIENNA HILLS - PARCEL 3B NORTH, BOOK 1344, PAGE 27, MCR
RE	ROADWAY EASEMENT	(R4)	FINAL PLAT FOR "SIENNA HILLS - PARCEL 4 NORTH 6 NORTH BOOK_____, PAGE_____, MCR
SDE	STORM DRAIN EASEMENT	VTE	VISIBILITY TRIANGLE EASEMENT
SSE	SANITARY SEWER EASEMENT		
SVE	SIGHT VISIBILITY EASEMENT		
SVT	SIGHT VISIBILITY TRIANGLE		
SWE	SIDEWALK EASEMENT		
VNAE	VEHICULAR NON-ACCESS EASEMENT		
WE	WATER EASEMENT		

EASEMENT LINE
RIGHT-OF-WAY
LOT & TRACT LINE
CENTERLINE
BOUNDARY LINE
ADJACENT LOT, R/W OR ESMT LINE
MATCH LINE
DENOTES EXISTING FLOODPLAIN
SECTION LINE
MID-SECTION LINE
(1) VISIBILITY TRIANGLE EASEMENT

REGISTERED LAND SURVEYOR CERTIFICATE NO. 68083 DENNIS HARMON JR. 11-17-21 ARIZONA U.S.A.

SEE SHEET 2 FOR LINE & CURVE TABLES

AREA 55.3659 AC

PLZS - 21 - 00126

SHEET 3 OF 6

Date: 11/17/2021

Job No: R311080.03

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APN 502-79-010Y
VERRADO ASSEMBLY
(INST# 06-1685714)

NORTH QUARTER CORNER
SECTION 36, T2N-R3W
GLO BRASS CAP
DISTURBED

S89°39'34"E 2,640.92'

NORTHWEST CORNER
SECTION 36, T2N-R3W
GLO BRASS CAP

1,677.39'

TRACT "I"
SIENNA HILLS -
PARCEL 4 NORTH 6 NORTH (R4)

L1

N39°33'08"W 272.13'

N01°42'20"W 179.24'

SEE SHEET 5

N54°15'05"W 187.66'

N75°27'56"W 120.26'

L25

L24

L23

L22

L21

SEE SHEET 6

N63°28'00"W 171.42'

N23°47'55"W 213.15'

N0°06'57"W 2,632.58'

955.19'

ARIZONA STATE
TRUST LAND

TRACT "F"

WEST QUARTER CORNER
SECTION 36, T2N-R3W
CALCULATED PER
BK. 1086, PG. 30, MCR

N89°49'20"W 409.81'

N0°00'54"W 2,722.52'

1322.06'

S0°01'32"E 1,322.06'

APN 502-61-001R
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
(INST# 05-1971305)

N89°48'21"W 659.67'

ARIZONA STATE
TRUST LAND

APN 502-61-003
ARIZONA STATE LAND
DEPARTMENT
(INST# NOD-55706)

1,400.46'

SOUTHWEST CORNER
SECTION 36, T2N-R3W
CALCULATED PER
BK. 1086, PG. 30, MCR

N

0 20 40 80

SCALE: 1"=40'

REGISTERED LAND SURVEYOR
66083
DENNIS
HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

SEE SHEET 2 FOR LINE & CURVE TABLES

AREA 55.3659 AC

Job No: R311080.03

PLZS - 21 - 00126

SHEET 4 OF 6

Date: 11/17/2021

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TRACT "I"
SIENNA HILLS –
PARCEL 4 NORTH 6 NORTH (R4)

TRACT "A"

TRACT "E" (R)

SIENNA HILLS –
PARCEL 5 NORTH (R)

TRACT "B"

TRACT "D"

TRACT "E"

TRACT "F"

S89°52'59"E 618.86'

N60°22'04"E 615.30'

S25°33'32"E 157.34'

L=258.40'

S53°54'06"E 240.00'

10.48'

N38°33'06"W 272.13'

N27°42'20"W 179.24'

N54°15'05"W 187.26'

N75°27'56"W 120.26'

N56°27'29"W 147.85'

N51°19'06"W 116.93'

N33°32'31"E 69.11'

N56°27'29"W 372.67'

N56°27'29"W 148.00'

N71°20'48"W 284.55'

N37°29'34"E 120.29'

N70°43'55"W 123.82'

N46°30'16"W 60.92'

N33°32'31"E 135.95'

N33°32'31"E 153.77'

N33°32'31"E 150.53'

N33°32'31"E 140.00'

N33°32'31"E 120.00'

N33°32'31"E 124.44'

N33°32'31"E 120.12'

N33°32'31"E 120.25'

N33°32'31"E 132.65'

N33°32'31"E 133.75'

N33°32'31"E 127.02'

N33°32'31"E 134.17'

N33°32'31"E 141.32'

N33°32'31"E 146.25'

N33°32'31"E 146.36'

N56°21'26"W 140.00'

N60°25'43"W 64.15'

N56°27'29"W 480.00'

N49°39'27"W 119.84'

N50°15'44"W 120.71'

N56°27'29"W 224.09'

N56°27'29"W 336.06'

N56°27'29"W 531.98'

N56°27'29"W 576.98'

N33°53'17"E 121.82'

L=119.69'

L=104.53'

L=36.51'

L=83.91'

L=40.52'

L=61.43'

L=18.23'

L=17.39'

L=22.39'

L=4.34'

L=107.24'

L=58.83'

L=60.26'

L=56.88'

L=46.37'

L=8.02'

R50.0'

4.10'

4.92'

3.34'

13.64'

0.42'

153.14'

68.77'

69.33'

62.08'

109.11'

172.21'

180.65'

280.14'

311.43'

283.78'

123.00'

42.17'

64.00'

70.00'

67.00'

60.00'

60.35'

37.61'

56.08'

119.84'

198.11'

240.89'

51.98'

78.59'

61.91'

68.29'

30.88'

6.87'

10.00'

20.00'

25.00'

1' VNAE

5' RE

10' LPPUE & SWE

40' EXIST R/W (R)

5' RE (R)

1' VNAE (R)

10' LPPUE /SWE (R)

20' EMERGENCY ACCESS EASEMENT

DRIVE

LOUGHLIN

WOODWARD

217TH AVENUE

217TH DRIVE

31 30 29 27 28 32 33 34 35 36 37 3 2 1 4 5 6 7 8 9 26 25 24 23 22 45 44

SEE SHEET 4

SEE SHEET 6

SEE SHEET 2 FOR LINE & CURVE TABLES

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
58083
DENNIS HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

0 20 40 80
SCALE: 1"=40'

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Office (602) 252-8384
www.huitt-zollars.com
ADVANCEDESIGN℠
Land Planning • Hydrology • Land Development • Civil Engineering • Surveying

SEE SHEET 5

SEE SHEET 5

SEE SHEET 5

SEE SHEET 4

SEE SHEET 4

TRACT "B"

SIENNA HILLS – PARCEL 5 NORTH (R)

TRACT "A" (R)

TRACT "C" (R)

TRACT "B" (R)

TRACT "C"

TRACT "A"

217TH AVENUE

217TH DRIVE

CARTWRIGHT AVENUE

S27°41'18"W 207.17'

1' VNAE (R)

5' RE (R)

10' LPPUE & SWE (R)

40' EXIST R/W (R)

N33°32'31"E 133.75'

N33°32'31"E 133.11'

N33°32'31"E 125.98'

N33°32'31"E 121.28'

N33°32'31"E 122.56'

N33°32'31"E 123.93'

N33°32'31"E 144.53'

N33°32'31"E 165.14'

N33°32'31"E 185.74'

N33°32'31"E 120.00'

N33°32'31"E 146.36'

N33°32'31"E 144.89'

N33°32'31"E 143.62'

N33°32'31"E 142.26'

N33°32'31"E 139.65'

N33°32'31"E 137.05'

N33°32'31"E 134.46'

N33°32'31"E 121.26'

N33°32'31"E 123.62'

N33°32'31"E 127.62'

N33°32'31"E 120.62'

N33°32'31"E 127.46'

N56°27'29"W 480.00'

N56°27'29"W 331.69'

N56°27'29"W 300.00'

N63°28'00"W 171.42'

N50°15'44"W 120.71'

N23°47'55"W 213.15'

N89°49'20"W 986.22'

N55°16'29"W 240.05'

N57°45'42"W 331.69'

N38°40'45"W 189.03'

N19°01'52"E 139.12'

N01°15'20"E 122.43'

N17°59'25"W 123.85'

N17°59'25"W 115.22'

N28°07'59"E 198.74'

S0°24'43"W 304.72'

N68°32'33"E 96.92'

N87°20'38"W 139.83'

N87°56'21"E 133.38'

576.41'

APN 502-61-001R
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
(INST# 05-1971305)

APN 502-61-001R
FLOOD CONTROL DISTRICT
OF MARICOPA COUNTY
(INST# 05-1971305)

REGISTERED LAND SURVEYOR
CERTIFICATE NO.
68083
DENNIS HARMON JR.
DATE SIGNED 11-17-21
ARIZONA U.S.A.

N

0 20 40 80
SCALE: 1"=40'

SEE SHEET 2 FOR LINE & CURVE TABLES

AREA 55.3659 AC

PLZS - 21 - 00126

SHEET 6 OF 6

C:\projects\R311080.03 – Sienna Hills Prelim and Final Design\10 CADD & BIM\10.13 Survey\DWG\PAR 7BN\31108003FP-7B NORTH.dwg

Job No: R311080.03

Date: 11/17/2021

HUITT-ZOLLARS
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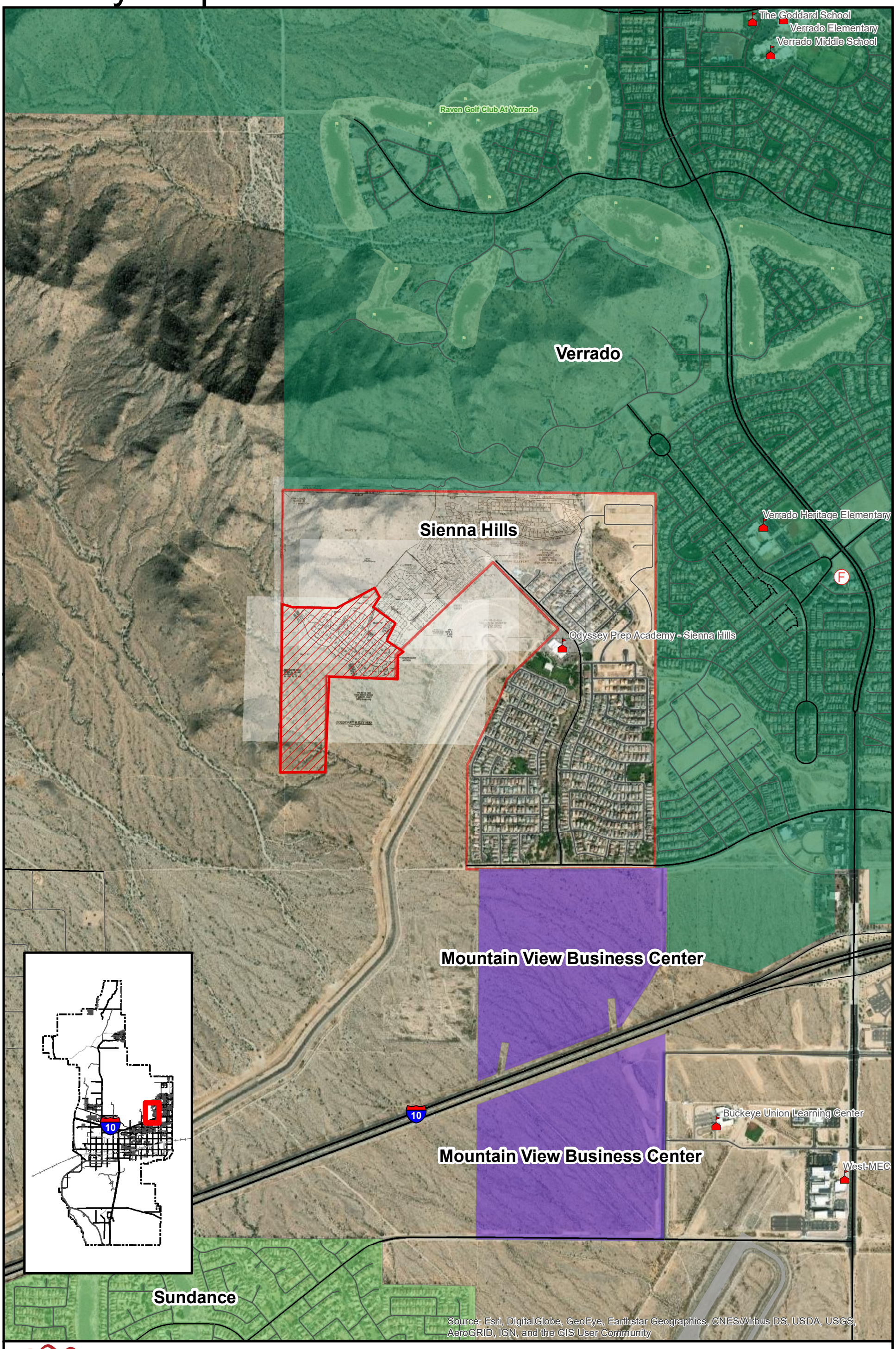
Vicinity Map



BUCKEYE, AZ

While every effort has been made to ensure the accuracy of this information, the City of Buckeye makes no warranty, expressed or implied, as to its absolute accuracy and expressly disclaims liability for the accuracy thereof.

Buckeye

0 0.15 0.3 0.6 Miles

SIENNA HILLS PARCEL 7 NORTH

N

Sienna Hills Final Plat 7B North Date: 11/24/2021

PLZS-21-00126

2ND REVIEW
RECEIVED
Oct 05 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

FINAL PLAT NARRATIVE
FOR
SIENNA HILLS – PARCELS 7BN
PLZS 20 00058

NWC McDowell Road and the 211th Avenue Alignment
Buckeye, Arizona
Prepared May 6, 2021

OWNER

JEN Arizona 40, LLC
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85282
602.374-2777
Contact: Mike Cronin

ENGINEER / PLANNER

Huitt-Zollars, Inc.
5050 North 40th Street, Suite 100
Phoenix, AZ 85018
602.252.8384
Contact: Scott Eisenhart

R311080.03

PROJECT TEAM

Land Owner:

JEN Arizona 40 LLC
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85027
602-374-2777

Developer/Applicant:

JEN Arizona 40 LLC
Attn: Mike Cronin
2222 West Pinnacle Peak Road, Suite 140
Phoenix, AZ 85027
602-374-2777

Planning/Engineering:

Huitt-Zollars, Inc
Lawrence S. Eisenhart, PE
5050 North 40th Street, Suite 100
Phoenix, Arizona 85018
602.252.8384

Landscape Architect:

CollectiV
Jim Smith, RLA, LEED AP
1426 North 2nd Street, Suite 200
Phoenix, Arizona 85004
602.358.7711

PROJECT NARRATIVE

Executive Summary

On behalf of Jen Arizona 40 LLC, Huitt-Zollars, Inc. (HZI) respectfully submits this final plat for Parcels 7B North project referred to as "Sienna Hills Parcel 7B North". The overall Sienna Hills site is a proposed subdivision of approximately 444 acres. This portion associated with final plat application is approximately 55.18 acres. The following narrative, in conjunction with the final plat package, provides a brief description of this portion of the project, its intent, and describes current conditions and characteristics of the site.

Previously entitled Sienna Hills Community Master Plan (CMP) site is located approximately 26 miles west of the Phoenix Metropolitan Area and is adjacent to the southwest of the Verrado Master Planned Community. The project site is bound by McDowell Road to the south, the Dean Road alignment to the west, and Verrado to the north and east.

Sienna Hills CMP will add value to the City of Buckeye by providing gracious open spaces, low gross residential density, active and passive amenity, park, and recreational connectivity, various parcel sizes intended for all markets, and a landscape palette that will provide a sense of community for its residents.

Overall Site Data

The majority of the 444-acre Sienna Hills site has been built-out with the exception of 3B North which is currently under development.

The site also contains several Army Corps of Engineers 404 Jurisdictional Washes. Delineations were previously completed under the original entitlements and 404 permits have been issued and extended by SLV. No additionally planned disturbances are anticipated.

The overall site can be considered as low Sonoran Desert with elevations ranging from 1,750 at the northwest to 1,120 at the southeast. On-site slopes range from one (1) percent to twenty-five (25) percent, with approximately half of the site sloping less than five (5) percent.

In its current condition, the site is bound by the White Tank Mountains/State Land to the west, the Verrado Master Planned Community to the north and east, and vacant desert land to the east and south. The Flood Control District's Buckeye FRS Number 3 also bisects a portion of the site. Based on coordination with Staff, there are no other planned communities adjacent to the Sienna Hills Project.

Access and Circulation

The current primary access into Sienna Hills is provided by Sienna Hills Pkwy from McDowell Road to the project site's southeast corner, just north of the Swim Club in Parcel 12. There will

be two (2) connections points; 1) Sienna Hills Pkwy and 2) intersection of Roanoke Ave and 212th Ave.

Circulation patterns for the project will be consistent with the original entitlements. All improvements shall adhere to the Traffic Study completed by Task Engineering. A traffic memo has been included as part of this application.

As determined during previous entitlements, Sienna Hills Parkway (previously Fireside Parkway) provides adequate ingress/egress for the anticipated traffic demands of the Sienna Hills project. Additional ingress/egress points on McDowell Road will be provided both east and west of Sienna Hills Parkway within individual phased parcels.

All lots and cul-de-sacs within the preliminary plat provide to sources of access via the dedication of the public improved streets.

Airport and Flight Patterns

According to original entitlement documents, the Buckeye Municipal Airport and Luke Air Force Base do not produce enough noise or flight patterns to adversely affect the site. The project is located under the return flight path from the Goldwater Ranch and planes can be as low as 1,000 feet. Therefore, noise disclosures will be included as part of the lot sale documentation, as well as dedication language on final plats.

Purpose of Request

The purpose of this application is to request Final Plat approval for this parcel within this portion of the development. Sienna Hills falls within the City's jurisdictional limits and is subject to the Sienna Hills Community Master Plans and City zoning requirements.

Based on the final plat, this parcel within Sienna Hills propose 50 single-family residential units. Table 1 displays proposed development data for this portion of Sienna Hills:

Table 1 – Development Table

					SETBACKS				
Parcel	**Land Use**	**Area (ac)**	**Lots**	**Min Lot Dimensions**	**Front to Livable**	**Front to Garage**	**Rear**	**Side**	**Lot Coverage**
7B N	LDR	55.18	50	60' x 120'	12'	20'	15'	5' & 10' – 15' Total	55%

Notes:

(1) Lot depth may be decreased by 10-ft on cul-de-sac and knuckle lots as long as minimum lot area is maintained.

(2) Building Setback line is the required distance between the property line and the closest point of any building. A minimum 20-foot tract along arterial streets.

(3) The rear yard setback applies only to enclosed livable areas; other projections such as patios or balconies shall have a minimum 10-foot setback.
(4) The front loaded garage setback is the required distance between the face of the garage and the back of the sidewalk.
(5) Maximum driveway width shall be 28-feet for garages with three (3) car garages. Where appropriate, shared driveways can be used for mutual benefit. Maintenance to be covered within CC&R's.

Gross Project Density

The overall projected gross density for the parcels within this portion of Sienna Hills is approximately 0.91 dwelling units per acre.

Parks and Open Space

7B North will provide its open space via dedicated open space tract, landscape tracts, storm water storage basins, drainage channels and corridors, recreational areas, and natural preserve areas. Tract 'F' which is now identified as an open space tract for Parcel 7B North, was previously identified under the approved pre plat as Parcel 7

All basins having play areas shall have slopes no greater than 4:1. Drywells, if used, will be placed outside of usable recreation areas.

All landscaped areas will be maintained by a Homeowners' Association. Landscape design has been included as part of this final plat package and design is based upon City of Buckeye guidelines.

Water, Fire and Wastewater Services

EPCOR has expressed that capacity is available for the site and will provide water and wastewater service. As part of the project's original entitlement, master water and master wastewater designs and reports were prepared; however, water & sewer amendments to those reports have been included as part of this final plat application.

Due to topographic characteristics, Sienna Hills contains multiple water pressure zones. Connections to existing water infrastructure within the existing development and Verrado to the north are planned in order to provide domestic, irrigation and fire service to the development. This phase of construction will be provide two points of water connection.

Wastewater connection will tie into the system provided within the separate developments associated with Sienna Hills. Ultimate outfall is located at the southeast corner of the entire site within McDowell Road.

Sienna Hills falls within the City of Buckeye's fire response area limits. The water infrastructure will be designed to accommodate City fire standards. Based upon preliminary plat approval, fire suppression systems will be installed per the project's development agreement, and will allow fire hydrant spacing to be 600-ft.

Dry Utility Service

JEN Arizona 40 LLC intends to provide private utilities to the Sienna Hills development. Anticipated utilities include telephone, cable, electricity, and natural gas. The utility providers are Qwest, Cox, APS, and Southwest Gas, respectively. Coordination with these utility providers will be completed during this final design processes.

Drainage Patterns & Requirements

Sienna Hills is bound by the White Tank Mountain foothills along the west and the north, and wraps around the Buckeye FRS Number 3. The FRS is designed to protect Interstate 10 and downstream agricultural lands from storm water runoff from the White Tank Mountains. The FRS Number 3 conveys storm water to the southwest associated with the NRCS design storm event.

Through the previous entitlement and design processes, considerable steps were taken to eliminate any possible effect the development of this property will have on FRS No. 3. Therefore, the presence of the FRS Number 3 does not restrict development on the Sienna Hills site. In addition, hydraulic modeling was completed to assure major damage to downstream housing structures would not occur from spillway outflow during a PMF flood event. Improvements to the flow path within these areas have been made, which will aid in passing emergency spillway flow through the site.

Future homeowners will receive disclosure of the potential effects of living adjacent to a flood control structure, in compliance with the Flood Control District of Maricopa County regulations.

Drainage Patterns from northwest to southeast will be maintained and offsite drainage will be routed through the site and discharged at its historical locations.
The Site will be developed in accordance with the City of Buckeye standards. Storm drainage standards are addressed in the *Storm Water Drainage System Design Manual for the Town of Buckeye,* August 2007 (Ref. 6), *Drainage Standards and Policies for Maricopa County, Arizona,* August 2018 (Ref. 7), *Drainage Design Manual for Maricopa County, Arizona, Volume I - Hydrology,* August 2013 (Ref. 8) and the *Drainage Design Manual for Maricopa County, Arizona, Volume II - Hydraulics,* August 2013 (Ref. 9).

The development of the site will observe the following standards:

1. Natural drainage patterns will be maintained for all major watercourses. Offsite flows will enter and depart the site such that historical drainage patterns are maintained.

2. Drainage structures, culverts, or bridges for parkway, arterial, and collector roadways shall be sized to convey the 100-year storm without overtopping. Drainage structures for local roadways shall be sized to convey the 10-year storm event without overtopping.
3. Detention basins will be based on the *Drainage Design Manual for Maricopa County, Arizona - Volume II Hydraulics* (Ref. 9). Proposed detention basins shall be provided to reduce post-development flow rates such that they are equal to or less than existing peak-flow rates at the project outfall for Parcels 5N, 6N and 7B N, each of which outfall to the Buckeye FRS #3 for the 100-year storm event. A project outfall shall be defined as a natural wash corridor exiting the boundary of the site. These detention basins shall be designed and constructed as necessary with the development of individual planning units.
4. Flow rates that exit the boundary of the site shall not exceed those of pre-development conditions.
5. The first 0.5-inch of direct runoff from the development shall be retained on-site to satisfy Maricopa County "first flush" requirements.
7. Local subdivision basins shall be designed with 4:1 side slopes adjacent to right-of-way and 3:1 side slopes elsewhere. All retention basins shall be limited to a maximum depth of 3-feet of water.
8. Future storm water storage basins will provide for dissipation of the entire storage volume within 36-hours following the storm event using a combination of drywells for the first flush and controlled outflow. A minimum of one (1) drywell will be required in all basins with over one-foot of depth. Storm water storage basin designs will also include provisions for safe emergency overflows.
9. Major off-site washes will not co-mingle on-site storm water storage basins but will be routed through the Site and released at the natural point of outfall.
10. Finish floor elevations shall be 1-foot above the emergency overflow elevation of any adjacent retention or detention basins or adjacent 100-year water surface elevation.

A drainage report has been prepared as part of this application.

Conclusion

JEN Arizona LLC and Huitt-Zollars Inc. appreciate your review of this submission and look forward to working with your staff and enhancing the City of Buckeye. We look forward to being working through the final design. If you have any questions or concerns, please do not hesitate to contact Huit-Zollars, Inc. at 602.252.8384.

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

PLZS-21-00119

3RD REVIEW
RECEIVED
Nov 22 21
CITY OF BUCKEYE
PLANNING & ZONING
DM

ARIZONA DEPARTMENT *of* WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8621
azwater.gov

Via Electronic and Certified Mail

September 4, 2019

Michele Van Quathem
Law Offices of Michele Van Quathem, PLLC
7600 N 15th Street, Suite 150-30
Phoenix, AZ 85020

Re: Certificate of Assured Water Supply
Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
DWR File No. 29-500015.0012

Dear Ms. Van Quathem:

The Arizona Department of Water Resources (Department) has determined that the criteria for an Assured Water Supply pursuant to A.R.S. § 45-576 and A.A.C. R12-15-701 et seq. have been met, and therefore the Director has decided to issue Assured Water Supply Certificate No.29-500015.0012. EPCOR - Agua Fria will provide the water supply to the lots. The source of supply will be groundwater. Based on current information, the Department has determined that the subdivision's total projected demand is 58.22 acre-feet per year for 139 lots, and the groundwater allowance for the 100-year period is 116.44 acre-feet. The Certificate is attached. The Department suggests you record your Certificate of Assured Water Supply in the appropriate county recorder's office. This will provide you with a permanent public record of the Certificate.

This determination is applicable only to the person or entity specified on the Certificate and for the plat reviewed by the Department. Information used in evaluating this application is available for review in the Department's files. Please contact us if questions arise.

Pursuant to A.R.S. § 41-1092.03, the Department is notifying you that the Director's determination and decision to issue the Certificate is an appealable agency action. You are entitled to appeal this action. If you wish to appeal this action, you must file a written appeal within thirty (30) days from receipt of this letter. I am providing you with a summary of the appeal process and an appeal form, should you elect to pursue this option.

Sincerely,

David L. McKay
Manager, AAWS & Recharge Permitting

DLM/evs

CC: Via Electronic Mail:

CAGRD
Arizona Department of Real Estate
Arizona Corporation Commission
Arizona Department of Environmental Quality
Arizona State Land Department

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
CERTIFICATE OF ASSURED WATER SUPPLY

This is to certify that

JEN Arizona 40, LLC, an Arizona limited liability company, Owner,

has met the requirements of A.R.S. §§ 45-576 and A.A.C.R12-15-701 et. seq., and

By powers vested in the Director of the Arizona Department of Water Resources by the State of Arizona, and subject to the conditions contained in A.A.C. R12-15-701 et seq.,

Is issued this Certificate of Assured Water Supply for

Sienna Hills, Unit 2, Parcels 5 North, 6 North, 7B North
Township 2 North, Range 3 West, Section 36
GSRB&M Maricopa County, PHOENIX AMA

The referenced subdivision consists of **139 lots** as described in the preliminary plat on file with the Department, and has an estimated water demand of **58.22 acre-feet per year.** The subdivision will be served **groundwater** by **EPCOR - Agua Fria.**

This Certificate is invalid as to any entity not named above.
This Certificate may be assigned pursuant to A.A.C. R12-15-705.

Certificate Number: 29-500015.0012
Original Issue Date: August 6, 2007

ARIZONA DEPARTMENT OF WATER RESOURCES

David L. Mitchell
Program Manager

09/04/19
Date

TYPE A CERTIFICATE

02-428

LIBRARY

Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona

Prepared for

JKL Partners

Prepared by

SWCA Environmental Consultants

September 2002

1101

ARCHAEOLOGICAL SURVEY OF APPROXIMATELY 300 ACRES FOR THE WHITE TANK MOUNTAIN FOOTHILLS DEVELOPMENT PROJECT, BUCKEYE, MARICOPA COUNTY, ARIZONA

Prepared for

Kent Olson
JKL Partners
4102 W. Hayward
Phoenix, AZ 85051

Prepared by

John M. Lindly, Ph.D.

SWCA, Inc. Environmental Consultants
2120 North Central Avenue, Suite 130
Phoenix, Arizona 85004

SWCA Cultural Resources Report No. 02-428

September 2002

PROJECT ABSTRACT

AGENCY: U. S. Army Corp of Engineers.

PROJECT TITLE: Archaeological Survey of Approximately 300 Acres for the White Tank Mountain Foothills Development Project, Buckeye, Maricopa County, Arizona (SWCA 6354-019).

PROJECT DESCRIPTION: The project involves proposed residential land development in Buckeye, Arizona.

LOCATION: The project is located in the southeast ¼ of Section 36, T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

NUMBER OF SURVEYED ACRES: 300 acres.

NUMBER OF SITES: None.

LIST OF POTENTIALLY ELIGIBLE SITES: None.

LIST OF INELIGIBLE SITES: None.

COMMENTS: No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

INTRODUCTION

This report presents the results of an archaeological survey of a proposed development north of Interstate 10 and east of Watson Road in Buckeye, Maricopa County, Arizona. The survey was conducted at the request of JKL Partners of Phoenix, Arizona to determine if any cultural resources present would be impacted by construction at this location. Approximately 300 acres of privately owned land were surveyed for this project. The U. S. Army Corps of Engineers is the lead agency coordinating the compliance process for impacts to any affected cultural resources (section 106 of the National Historic Preservation Act) because the property owners are required to apply for a permit under Section 404 of the Clean Water Act.

The project area consisted of one parcel totaling approximately 300 acres in size (Figure 1). The project is located in the southeast ¼ of Section 36 T2N, R3W, Valencia, Ariz. 7.5' Quadrangle, Maricopa County, Arizona.

No sites and 16 isolated occurrences were found within the project area. No further archaeological work is recommended for the 16 isolated occurrences or the parcel.

PROJECT SETTING

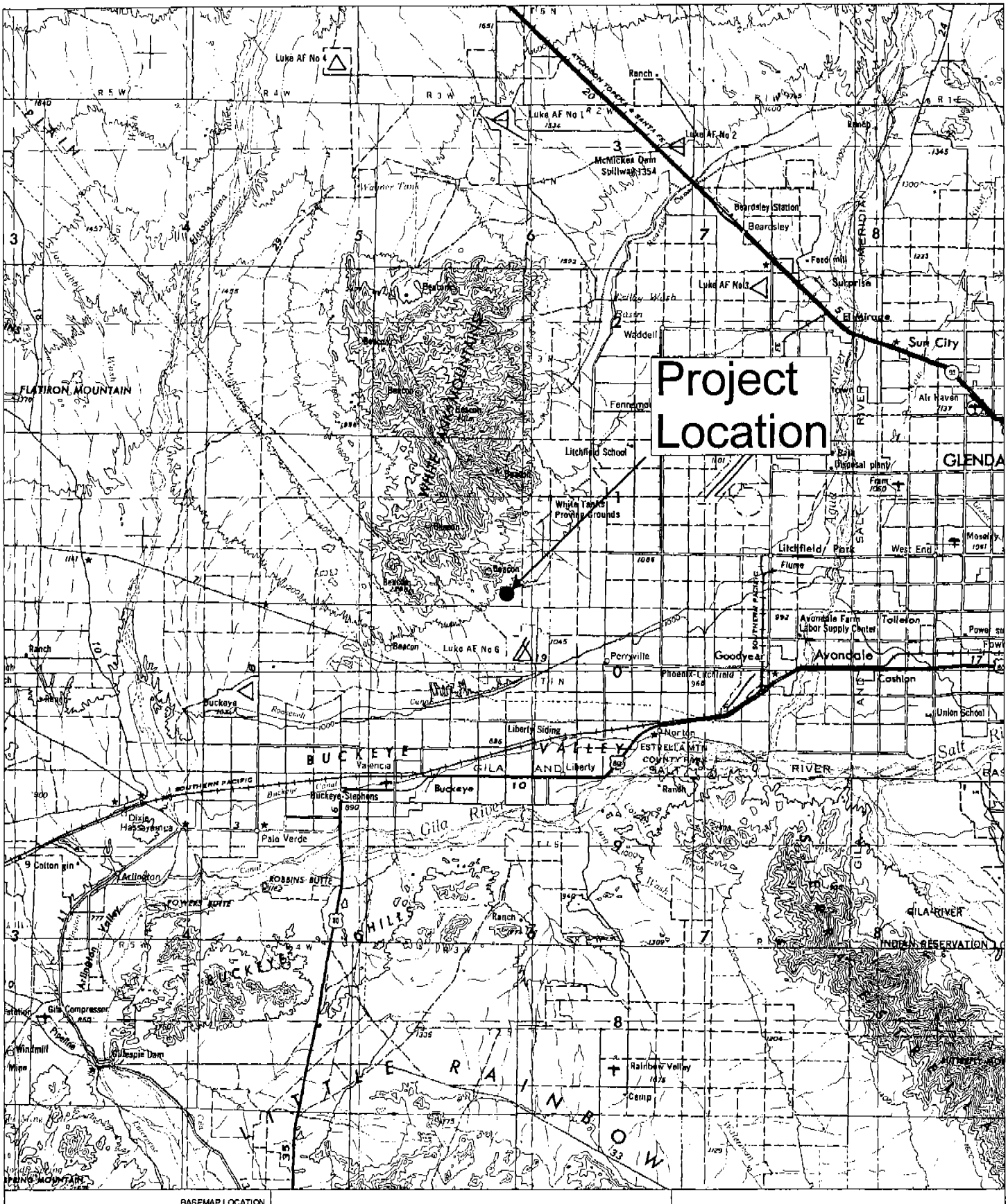
Environmental Setting

The project area is located south of the White Tank Mountains and southwest of the White Tanks Proving Grounds near Interstate 10 and Watson Road (Figure 1). Elevation of the project area ranged from 1150 to 1500 feet above mean sea level (asl). Part of this property has been used as a trash dump by local residents and for target practice by firearms owners for years.

The project area lies within the Sonoran desertscrub biome (Brown 1994) of the Lower Colorado Valley province of the Sonoran Desert (Shreve and Wiggins 1964). Vegetation representative of the area, include creosote, saguaro, mesquite, several varieties of cholla, acacia, palo verde, bursage, snakeweed rabbitbrush, and various desert grasses. Fauna known to occur in the general area include desert mule deer, desert bighorn sheep, gray fox, coyote, cottontail rabbit and jackrabbit, several species of lizards, snakes, and birds.

Cultural Setting

The project area is located in what has been termed the western desert (Stone 1986), a large, broad area stretching from west of modern Phoenix to the Colorado River. This area has received less research emphasis than other portions of the Southwest, and "presents an important but difficult problem" (Bostwick and Stone 1988:324) in terms of cultural sequences and affiliations near the geographical margins of several different cultural groups, all of which have influenced the region. The project area occurs near the western edge of Hohokam occupation, although Hohokam sites are found even further west. In addition, the northeast limits of the Papagueria, another large, arid region that has undergone a relatively small amount of research, lie slightly southwest of the project area. The Papagueria encompasses portions of northern Sonora, Mexico, and southwestern Arizona, and contains a unique, although somewhat problematical, cultural history of its own


Project Location
Luke AF No 4
Luke AF No 1
Luke AF No 2
Luke AF No 3
Luke AF No 6
McMicken Dam Spillway 1354
Beardsley Station
Beardsley
Surprise
El Mirage
Sun City
Waddell
Litchfield School
White Tanks Proving Grounds
Litchfield Park
West End
Goodyear
Avondale
Cashion
Perryville
Phoenix-Litchfield
Buckeye
Liberty Siding
Liberty
Valencia
Buckeye-Stephens
Palo Verde
Arlington
Dixie Hassayampa
Gila River
Gila River Indian Reservation
Rainbow Valley
Camp
Gillespie Dam
Gila Compressor
Windmill
Pipeline
Robbins Butte
Powers Butte
Union School
Avondale Farm Labor Supply Center
Tolleson
Air Haven
Fennemore
Beacon
Ranch
Flume
Canal
Roosevelt
Wash
Valley
Hills
Mts
Mountains
Basin
Tank
Spring Mountain
Flatiron Mountain
Southern Pacific
Atchison Topeka & Santa Fe
Southern Pacific
Salt River
Agua Fria River
Gila River
Estrella Mtn County Park
Feed mill
Baja Disposal plant
Power
Union School
Mosley
Farm
Ranch
Cotton gin
Beacon
Windmill
Pipeline
Gila Compressor
Gillespie Dam
Rainbow Valley
Camp
Buckeye
Valencia
Liberty
Goodyear
Avondale
Cashion
Tolleson
Litchfield Park
West End
Surprise
El Mirage
Sun City
Waddell
Beardsley
Beardsley Station
McMicken Dam Spillway 1354
Luke AF No 1
Luke AF No 2
Luke AF No 3
Luke AF No 4
Luke AF No 6
Litchfield School
White Tanks Proving Grounds
Perryville
Phoenix-Litchfield

(McGuire and Schiffer 1982).

It is within the framework of these geographical and cultural boundaries that the cultural history of the project area must be viewed. While these areas share many similarities, and indeed blend and interact, they also contain elements unique to themselves.

The earliest evidence of human occupation in the Southwest is currently from the Paleo-Indian Period, which ended approximately 9,000-10,000 years ago (Cordell 1997). In the regions surrounding the project area remains from the Paleo-Indian Period have been observed as part of separate, but similar, traditions. Evidence of the Paleo-Indian Period throughout the region is sparse, and generally consists of projectile points and other lithic tools.

Throughout the greater Southwest the Paleo-Indian Period is seen in the form of Clovis and Folsom points, generally regarded as the material remains from a widespread hunting tradition that focused on large mammals (Cordell 1997:82; McGuire and Schiffer 1982:166). Although Paleo-Indian camps have been located in southeastern Arizona (Haury 1956; Haury et al. 1959; Hemmings and Haynes 1969), remains from near the project area are rare. Isolated Clovis points have been found in central Arizona (Crownover 1994), and in the northwest Papagueria (Ezell 1954). A reworked Folsom point was recovered near Gila Bend, south of the project area (Effland et al. 1982). The only evidence of Paleo-Indian occupation from subsurface contexts was a controversially typed fluted point from Ventana Cave (Haury 1950).

Following the Paleo-Indian Period, the area was occupied by Archaic populations. While better understood than the Paleo-Indian era, the Archaic Period also suffers from problematic dating and conflicting artifact typologies. Beginning dates for the Archaic Period are unclear, but it was in place by 7000 B.C., with possibly earlier occupations (McGregor 1965:124). Ending dates for the Archaic are also somewhat vague, but are generally tied to the rise of agriculture and the production of ceramics, sometime around A.D. 1. In southern Arizona the Archaic Period has been split between two traditions that contain distinct projectile points and lithic tools. The Amargosa tradition is mainly concentrated in southern California and southwestern Arizona (Rogers 1939; Haury 1950), while the Cochise tradition is associated with southeastern Arizona (Sayles and Antevs 1941). The relationship between the two traditions is ambiguous, and materials from the various periods of each have been found to overlap geographically in places such as Ventana Cave, south of the project area (Haury 1950). It has been suggested that the two represent regional and environmental variations of the same basic toolkit (McGuire and Schiffer 1982:177-178).

Excavation of eight sites in the Harquahala Valley approximately 50 miles southwest of the project area found Archaic projectile points representative of both the Amargosa and Cochise traditions, as well as of Great Basin tradition (Bostwick 1988). Explanations of the mixture of materials included expansion of the Cochise tradition into the western desert, manufacture of similar types by the different groups, and unsystematic analysis techniques that prevent valid regional comparisons (Bostwick and Stone 1988:326-328).

The next interval of culture history within the project area is characterized by influence of the Hohokam from the south and east, and of the Patayan culture from the west. The western desert and the Papagueria have often been designated as the meeting zone of these two cultures.

The Hohokam are regarded as a hallmark prehistoric group of south central Arizona. A subsistence strategy relying on irrigated agriculture allowed a complex social system and material culture to evolve. The Hohokam are among the most extensively researched groups in the Southwest; however questions still remain, especially regarding the beginning and end of their occupation.

The core area of the Hohokam was centered along the Gila and Salt Rivers, in and around the Phoenix Basin. On the western fringe of the Phoenix Basin, numerous large Hohokam sites are found along the Gila River. These include the Gatlin and Rock Ball Court sites near Gila Bend (Wasley and Johnson 1965). The latter two sites represent the westernmost sites of the Hohokam, although trade increased the sphere of influence.

The classic Hohokam sequence is generally divided by researchers into four distinct periods, which have been further subdivided into phases. The beginnings of Hohokam culture are initially seen in the Pioneer Period, whose inception date is currently under debate by archaeologists. An early Red Mountain phase has been suggested as beginning around A.D. 1 and continuing until circa A.D. 400 (Cable and Doyel 1987; Morris 1969), and is followed by the more traditionally accepted Vahki, Estrella, Sweetwater, and Snaketown phases, that together make up the Pioneer Period (Haury 1976). The Colonial Period followed the close of the Pioneer around A.D. 550 and continued to approximately A.D. 900, containing the Gila Butte and Santa Cruz phases. The Sedentary Period, consisting of the Sacaton phase, lasted from circa A.D. 900 to 1100. The Classic Period succeeds the Sedentary Period, with dates from approximately A.D. 1100 to 1450. The Soho and Civano Phases occur within the Classic Period. A strong case has been made for a fifth period, designated the Post-Classic Polvoron phase, that would have continued from the end of the Classic Period into the 16th century (Doyel 1991; Sires 1983).

A second cultural group, roughly paralleling the time span of the Hohokam, occupied areas of the Lower Colorado River, and portions of the western desert and Papagueria. This group, known as the Patayan, has not been investigated as extensively as the Hohokam, with a resultant chronology that is less understood.

The Patayan culture first occupied the Lower Colorado River Valley sometime around A.D. 500 (Schroeder 1961). The Patayan tradition includes traits such as shallow basin metates, triangular projectile points, and red-on-buff pottery similar to the Hohokam (Rogers 1945). Patayan culture spread along the Colorado River, and by A.D. 1000 had diversified into various groups as far reaching as the Cohonina, who occupied the area south of the Grand Canyon (McGregor 1965). While it is unclear exactly what became of the Patayan culture, McGregor (1965:378) suggests it may be related to modern Yuman speaking groups. Patayan ceramics are found throughout the protohistoric period, and continue into the historic period (Waters 1982).

Following the Hohokam, and possibly coinciding with the latter stages of the Patayan, the region encompassing the project area was inhabited by a variety of groups including the western Yavapai, Papago, Pima, and the Maricopa (Bostwick 1988; Spier 1933). Studies of these groups suggest they lived in small groups, and relied on a variety of subsistence strategies including hunting and gathering, fishing, and a small amount of agriculture (McGuire and Schiffer 1982; Spier 1933:48-59). These groups continue to occupy the area on several reservations including the Gila River Indian Community, the Ak-Chin Indian Reservation, and the Gila Bend Indian Reservation.

Historic use of the area begins with Spanish missionary and mineral exploration expeditions throughout southern Arizona in the late 17th century into the 18th century, although none of these journeys are known to have passed through the project area (Walker and Bufkin 1986). The Spanish explorer Father Eusebio Francisco Kino was the first European to explore the region by roughly following the Gila and San Pedro Rivers between A.D. 1691 and 1700. Later Captain Juan Bautista de Anza and Fray Francisco Garces followed similar routes between A.D. 1774 and 1775. The first Anglo explorer to enter the region was Sylvester Pattie who with about a dozen men trapped the Gila River, approximately 20 miles to the south of the

project area, in A.D. 1826. Mining, Historic ranching and homesteading activities commenced in the latter part of the 19th century.

A check of General Land Office (GLO) and Bureau of Land Management (BLM) survey records for the area documents no roads or houses present near the project area at the time of the original survey (1936).

PREVIOUS RESEARCH

Site file searches have been conducted on AZSITE and at the Arizona State Museum (ASM) and the State Historic Preservation Office (SHPO) to determine the location and content of any previously recorded sites or archaeological work within one-half mile of the project area. Four previously recorded sites and two surveys were recorded adjacent to the project area (Figure 2). A brief review of the modern surveys reported for the area is provided in Table 1.

Table 1. List of surveys that have been conducted partly or wholly within one-half mile of the project area .

Report title	Resources found in study area
Rosenberg, Bettina H., 1984. *Inventory Report for Material Source 8486, Maricopa County, Arizona.* Arizona Department of Transportation, Phoenix.	AZ T:10:72 (ASM)
Dobschuetz, Kris and Daniel Garcia, 2000. *An Cultural Resource Survey of the Proposed Airport Road Interchange on I-10, Maricopa County, Arizona.* Report No. 97-227:141, Ecoplan Inc., Phoenix.	None

AZ T:10:72 (ASM) was located in a survey south of the project area (Rosenberg 1984). Three sites not associated with modern surveys were located south of the project area: AZ T:10:17 (ASM), AZ T:10:6 (ASU) and AZ T:10:4 (ASU). AZ T:10:4 (ASU) and AZ T:10:6 (ASU) were documented by ASU as sherd scatters in 1996 but there is no additional information about them. AZ T:10:17 (ASM) is listed as an artifact scatter of unknown origin but the additional site information file is missing at ASM.

SURVEY METHODS AND RESULTS

The project area was surveyed between September 17-19, 2002 by SWCA archaeologists John Lindly, Cara Schmidt, Matthew Peters and Cynthia Keller. Parallel transects spaced at 20 m intervals were walked in both north-south and east-west directions, depending on topography, throughout the project area to provide complete (100%) coverage. A Garmin GPS unit and Silva compass were used to align the transects, notes were taken on the project setting, and a USGS 7.5' topographical map was used. No sites and 16 isolated occurrences were found within the project area.

Isolated Occurrences

The isolated occurrences found within the project area are described in Table 2. Their locations are shown on Figure 2.

Table 2. Isolated occurrences found within the project area.

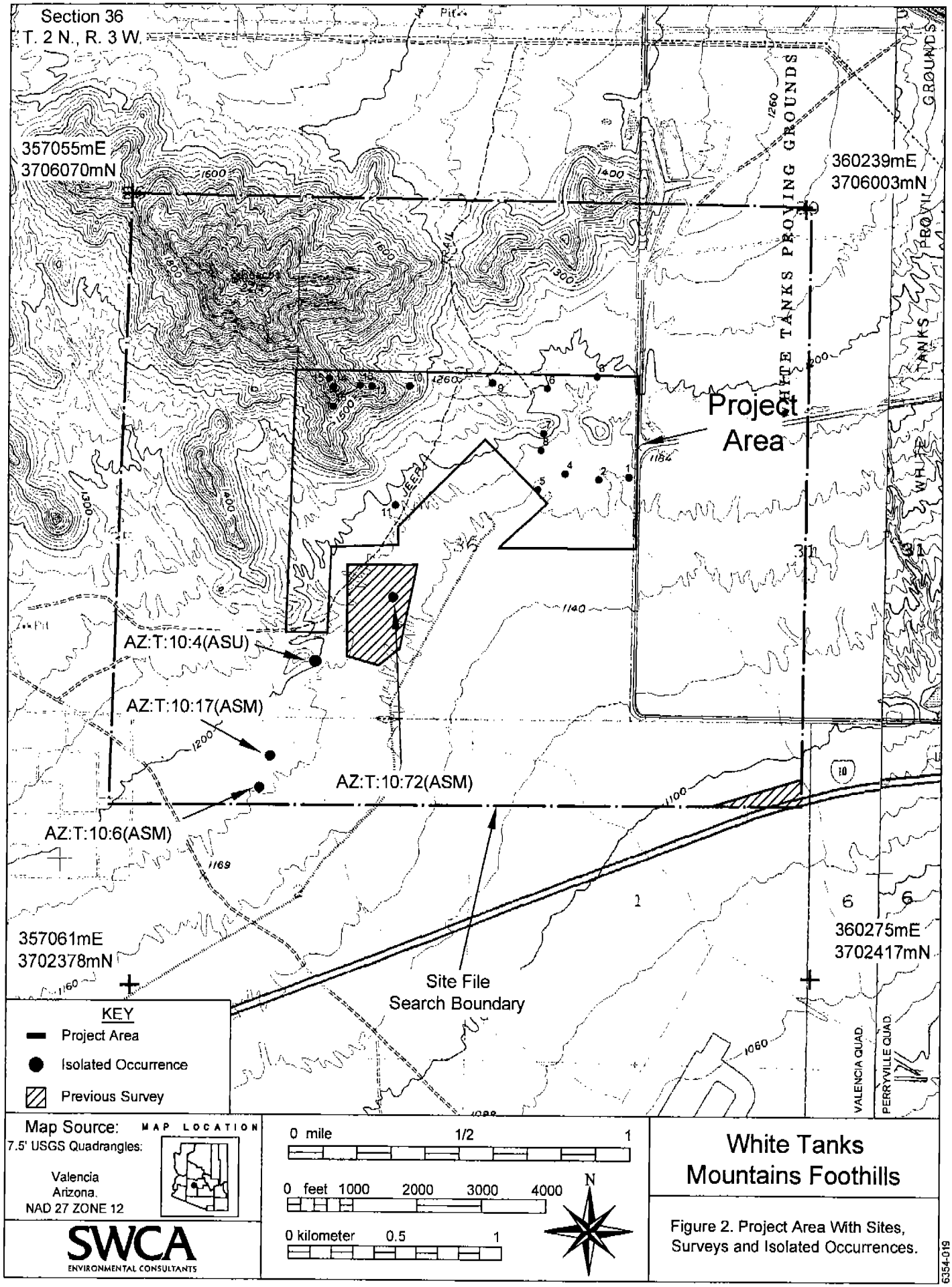
Isolated Occurrences	Description
1	1 chopper/core, basalt
2	30 Gila Plain ware, Gila variety – possible pot break 2 buff ware 1 tertiary flake, chert
3	1 tertiary flake, quartzite
4	9 Gila plain ware, Gila variety
5	rock pile – 80 x 76 cm in size, 50+ rocks avg. 10-20 cm in size each
6	1 Gila plain ware, Gila variety
7	2 petroglyphs on a single rock
8	2 historic ware – black decoration on yellow slip
9	1 petroglyph on single rock
10	rock pile – 1.7 x 1.4 m in size, 15-20 stones avg. 10-20 cm in size
11	prospect, 5 x 5 m in size
12	rock pile – 1.5 x 1 m in size, 20-25 stones avg. 20-50 cm in size
13	rock ring – 2 x 1.5 m in size, 15 slab-like stones, 50 cm to 75 cm in size, placed upright in ring
14	rock cairn – 75 cm high composed of 10-15 stones
15	rock pile – 2 m x 75 cm – 20-30 stones, 5 to 30 cm in size
16	rock feature – approximately 50 stones placed to form the letters "C" and "A"

SUMMARY AND RECOMMENDATIONS

An archaeological survey of approximately 300 acres for a proposed development in Buckeye, Arizona documented 16 isolated occurrences. There were large accumulations of trash from recent to modern periods (1960s to present) that had little or no structural integrity. The prehistoric artifacts included 4 incidences of ceramics and four of lithics. The prehistoric ceramics were identified as Gila Plain (Gila variety) and historic Euro American sherds. The two types of ceramics suggest prehistoric Hohokam groups and historic imigrants utilized this area in a limited way. No diagnostic sherds were identified but it is likely that much of the

prehistoric and historic use of this area occurred between A.D. 700-1200 and 1920-1950.

Documentation has exhausted the research potential of the isolated occurrences and no further work is recommended for them. However, if buried cultural resources should be encountered during work within these areas all ground disturbing activities should immediately cease until the nature of the remains can be evaluated by a professional archaeologist.


Section 36
T. 2 N., R. 3 W.
357055mE
3706070mN
360239mE
3706003mN
Project Area
AZ:T:10:4(ASU)
AZ:T:10:17(ASM)
AZ:T:10:72(ASM)
AZ:T:10:6(ASM)
357061mE
3702378mN
360275mE
3702417mN
Site File Search Boundary
WHITE TANKS PROVING GROUNDS
JEEP TRAIL
VALENCIA QUAD.
PERRYVILLE QUAD.
KEY
Project Area
Isolated Occurrence
Previous Survey
Map Source:
7.5' USGS Quadrangles:
Valencia
Arizona.
NAD 27 ZONE 12
MAP LOCATION
0 mile 1/2 1
0 feet 1000 2000 3000 4000
0 kilometer 0.5 1
N
SWCA
ENVIRONMENTAL CONSULTANTS
White Tanks Mountains Foothills
Figure 2. Project Area With Sites, Surveys and Isolated Occurrences.
6354-019

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CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 6.S. National Opioid Settlement Agreement
DATE PREPARED: 12/16/21	**DISTRICT NO.:**
STAFF LIAISON: Nancy Love, Human Resources Director, nlove@buckeyeaz.gov, (623) 349-6255	
DEPARTMENT: Human Resources	**AGENDA ITEM TYPE:** Consent Agenda Items / New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council) Council to take action on the National Opioids Distributor Settlement Agreement and the Janssen Settlement Agreement; and authorize the Mayor to execute and deliver each applicable Settlement Participation form on behalf of the City evidencing City approval of the Agreements.

RELEVANT GOALS:
GOAL 5: Responsive and Accountable Government and Effective Public Services

SUMMARY

PROJECT DESCRIPTION:

On November 2, 2021, Council approved the One Arizona Opioid Agreement, which establishes Arizona's disbursement of the funds related to a national class action lawsuit against opioid manufactures and distributors. At that time, proposed settlements had been reached with three opioid distributors, McKesson, AmerisourceBergen and Cardinal (The Distributors Settlement), as well as manufacturer Johnson & Johnson (the Janssen Settlement). If enough political subdivisions participate by submitting the attached Settlement Participation Forms, to the national settlement administrators by January 2, 2022, both settlements will be finalized. The exact amount that will be disbursed and when the disbursement will take place is based on the total number of cities, towns and counties throughout the U.S. that sign off on the agreements.

State and local governments across the country have been litigating against the opioid industry alleging the industry utilized unethical and illegal practices with respect to promoting the use of opioids. In December 2020 Council approved the One Arizona Opioid Settlement Memorandum of Understanding (MOU) between the State and Participating Local Governments. The MOU served to jointly approach settlement negotiations with the Pharmaceutical Supply Chain Participants. In November 2021 Council approved the One Arizona Opioid Agreement. The next step in the process if for Council to approve and submit the Subdivision Settlement Participation Form, from the national settlement administrators.

The agreements provide for a complete waiver of any and all past, current and future claims related to opioid use and are essentially contracts of adhesion as there is no ability to negotiate the terms at the city level, as the State took on that responsibility. Failure to approve and submit the Subdivision Settlement Participation Form (Distributor Settlement) and the Settlement Participation Form (Janssen Settlement) means the city will not receive any funds from the settlements.

For further information regarding these Settlement Agreement, please see attached memorandum from the City Attorney.

To receive these critically needed funds to assist in addressing the opioid crisis in our community, staff recommends signing and returning the Settlement Participation Forms.

BENEFITS:

Funds received from this settlements will be used for treatment, prevention efforts and education in our community related to the opioid crisis.

FUTURE ACTION:
Completion and submission of Settlement Participation Forms by January 2, 2022.

FINANCIAL IMPACT STATEMENT:
It is unknown at this time how much the city will receive.

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
Distributor Settlement Participation Form for Council.pdf
Janssen Settlement Participation Form for Council.pdf
Final Distributor Settlement Agreement 9.18.2021.pdf
Janssen Settlement Agreement 7-30-2021 updated 20210920.pdf
Memorandum re Opioid Settlement Agreement 2021-12-02.pdf

Subdivision Settlement Participation Form

Governmental Entity:	State:
Authorized Official:	
Address 1:	
Address 2:	
City, State, Zip:	
Phone:	
Email:	

The governmental entity identified above ("*Governmental Entity*"), in order to obtain and in consideration for the benefits provided to the Governmental Entity pursuant to the Settlement Agreement dated July 21, 2021 ("*Distributor Settlement*"), and acting through the undersigned authorized official, hereby elects to participate in the Distributor Settlement, release all Released Claims against all Released Entities, and agrees as follows.

1. The Governmental Entity is aware of and has reviewed the Distributor Settlement, understands that all terms in this Participation Form have the meanings defined therein, and agrees that by signing this Participation Form, the Governmental Entity elects to participate in the Distributor Settlement and become a Participating Subdivision as provided therein.

2. The Governmental Entity shall, within 14 days of the Reference Date and prior to the filing of the Consent Judgment, secure the dismissal with prejudice of any Released Claims that it has filed.

3. The Governmental Entity agrees to the terms of the Distributor Settlement pertaining to Subdivisions as defined therein.

4. By agreeing to the terms of the Distributor Settlement and becoming a Releasor, the Governmental Entity is entitled to the benefits provided therein, including, if applicable, monetary payments beginning after the Effective Date.

5. The Governmental Entity agrees to use any monies it receives through the Distributor Settlement solely for the purposes provided therein.

6. The Governmental Entity submits to the jurisdiction of the court in the Governmental Entity's state where the Consent Judgment is filed for purposes limited to that court's role as provided in, and for resolving disputes to the extent provided in, the Distributor Settlement. The Governmental Entity likewise agrees to arbitrate before the National Arbitration Panel as provided in, and for resolving disputes to the extent otherwise provided in, the Distributor Settlement.

7. The Governmental Entity has the right to enforce the Distributor Settlement as provided therein.

8. The Governmental Entity, as a Participating Subdivision, hereby becomes a Releasor for all purposes in the Distributor Settlement, including, but not limited to, all provisions of Part XI, and along with all departments, agencies, divisions, boards, commissions, districts, instrumentalities of any kind and attorneys, and any person in their official capacity elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, and any other entity identified in the definition of Releasor, provides for a release to the fullest extent of its authority. As a Releasor, the Governmental Entity hereby absolutely, unconditionally, and irrevocably covenants not to bring, file, or claim, or to cause, assist or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in any forum whatsoever. The releases provided for in the Distributor Settlement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of the Governmental Entity to release claims. The Distributor Settlement shall be a complete bar to any Released Claim.

9. The Governmental Entity hereby takes on all rights and obligations of a Participating Subdivision as set forth in the Distributor Settlement.

10. In connection with the releases provided for in the Distributor Settlement, each Governmental Entity expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any state or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent.** A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release, and that if known by him or her would have materially affected his or her settlement with the debtor or released party.

A Releasor may hereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Governmental Entity hereby expressly waives and fully, finally, and forever settles, releases and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Governmental Entities' decision to participate in the Distributor Settlement.

11. Nothing herein is intended to modify in any way the terms of the Distributor Settlement, to which Governmental Entity hereby agrees. To the extent this Participation Form is interpreted differently from the Distributor Settlement in any respect, the Distributor Settlement controls.

I have all necessary power and authorization to execute this Participation Form on behalf of the Governmental Entity.

Signature: _____

Name: _____

Title: _____

Date: _____

Settlement Participation Form

Governmental Entity:	State:
Authorized Official:	
Address 1:	
Address 2:	
City, State, Zip:	
Phone:	
Email:	

The governmental entity identified above ("Governmental Entity"), in order to obtain and in consideration for the benefits provided to the Governmental Entity pursuant to the Settlement Agreement dated July 21, 2021 ("Janssen Settlement"), and acting through the undersigned authorized official, hereby elects to participate in the Janssen Settlement, release all Released Claims against all Released Entities, and agrees as follows.

1. The Governmental Entity is aware of and has reviewed the Janssen Settlement, understands that all terms in this Election and Release have the meanings defined therein, and agrees that by this Election, the Governmental Entity elects to participate in the Janssen Settlement and become a Participating Subdivision as provided therein.

2. The Governmental Entity shall, within 14 days of the Reference Date and prior to the filing of the Consent Judgment, dismiss with prejudice any Released Claims that it has filed.

3. The Governmental Entity agrees to the terms of the Janssen Settlement pertaining to Subdivisions as defined therein.

4. By agreeing to the terms of the Janssen Settlement and becoming a Releasor, the Governmental Entity is entitled to the benefits provided therein, including, if applicable, monetary payments beginning after the Effective Date.

5. The Governmental Entity agrees to use any monies it receives through the Janssen Settlement solely for the purposes provided therein.

6. The Governmental Entity submits to the jurisdiction of the court in the Governmental Entity's state where the Consent Judgment is filed for purposes limited to that court's role as provided in, and for resolving disputes to the extent provided in, the Janssen Settlement.

7. The Governmental Entity has the right to enforce the Janssen Settlement as provided therein.

8. The Governmental Entity, as a Participating Subdivision, hereby becomes a Releasor for all purposes in the Janssen Settlement, including but not limited to all provisions of Section IV (Release), and along with all departments, agencies, divisions, boards, commissions, districts, instrumentalities of any kind and attorneys, and any person in their official capacity elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, and any other entity identified in the definition of Releasor, provides for a release to the fullest extent of its authority. As a Releasor, the Governmental Entity hereby absolutely, unconditionally, and irrevocably covenants not to bring, file, or claim, or to cause, assist or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in any forum whatsoever. The releases provided for in the Janssen Settlement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of the Governmental Entity to release claims. The Janssen Settlement shall be a complete bar to any Released Claim.

9. In connection with the releases provided for in the Janssen Settlement, each Governmental Entity expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any state or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent.** A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release that, if known by him or her, would have materially affected his or her settlement with the debtor or released party.

A Releasor may hereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Governmental Entity hereby expressly waives and fully, finally, and forever settles, releases and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Governmental Entities' decision to participate in the Janssen Settlement.

10. Nothing herein is intended to modify in any way the terms of the Janssen Settlement, to which Governmental Entity hereby agrees. To the extent this Election and Release is interpreted differently from the Janssen Settlement in any respect, the Janssen Settlement controls.

I have all necessary power and authorization to execute this Election and Release on behalf of the Governmental Entity.

Signature: _____

Name: _____

Title: _____

Date: _____

DISTRIBUTOR SETTLEMENT AGREEMENT

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EXHIBIT V Cardinal IRS Form 1098-F V-1

EXHIBIT W McKesson IRS Form 1098-F W-1

EXHIBIT X Severity Factors X-1

DISTRIBUTOR SETTLEMENT AGREEMENT

This Settlement Agreement, dated as of July 21, 2021 (the "*Agreement*"), sets forth the terms of settlement between and among the Settling States, the Settling Distributors, and the Participating Subdivisions (as those terms are defined below). Upon satisfaction of the conditions set forth in Section II and Section VIII, this Agreement will be binding on all Settling States, Settling Distributors, and Participating Subdivisions. This Agreement will then be filed as part of Consent Judgments in the respective courts of each of the Settling States, pursuant to the terms set forth in Section VIII.

I. Definitions

For all sections of this Agreement except Exhibit E and Exhibit P, the following definitions apply:

A. "*Abatement Accounts Fund*." The component of the Settlement Fund described in Section V.E.

B. "*Additional Restitution Amount*." The amount available to Settling States listed on Exhibit N totaling $282,692,307.70.

C. "*Agreement.*" This agreement, as set forth above. For the avoidance of doubt, this Agreement is inclusive of all exhibits.

D. "*Alleged Harms*." The alleged past, present, and future financial, societal, and public nuisance harms and related expenditures arising out of the alleged misuse and abuse of Products, non-exclusive examples of which are described in the documents listed on Exhibit A, that have allegedly arisen as a result of the physical and bodily injuries sustained by individuals suffering from opioid-related addiction, abuse, death, and other related diseases and disorders, and that have allegedly been caused by the Settling Distributors.

E. "*Allocation Statute*." A state law that governs allocation, distribution, and/or use of some or all of the Settlement Fund amounts allocated to that State and/or its Subdivisions. In addition to modifying the allocation set forth in Section V.D.2, an Allocation Statute may, without limitation, contain a Statutory Trust, further restrict expenditures of funds, form an advisory committee, establish oversight and reporting requirements, or address other default provisions and other matters related to the funds. An Allocation Statute is not required to address all three (3) types of funds comprising the Settlement Fund or all default provisions.

F. "*Annual Payment.*" The total amount payable to the Settlement Fund Administrator by the Settling Distributors on the Payment Date each year, as calculated by the Settlement Fund Administrator pursuant to Section IV.B.1.e. For the avoidance of doubt, this term does not include the Additional Restitution Amount or amounts paid pursuant to Section X.

G. "*Appropriate Official*." As defined in Section XIV.F.3.

H. "*Bankruptcy Code*." Title 11 of the United States Code, 11 U.S.C. § 101, et seq.

I. "*Bar*." Either: (1) a law barring Subdivisions in a State from maintaining Released Claims against Released Entities (either through a direct bar or through a grant of authority to release claims and the exercise of such authority in full) or (2) a ruling by the highest court of the State (or, in a State with a single intermediate court of appeals, the intermediate court of appeals when not subject to further review by the highest court of the State) setting forth the general principle that Subdivisions in the State may not maintain any Released Claims against Released Entities, whether on the ground of this Agreement (or the release in it) or otherwise. For the avoidance of doubt, a law or ruling that is conditioned or predicated upon payment by a Released Entity (apart from the Annual Payments by Settling Distributors under this Agreement) shall not constitute a Bar.

J. "*Case-Specific Resolution*." Either: (1) a law barring the Subdivision at issue from maintaining any Released Claims against any Released Entities (either through a direct bar or through a grant of authority to release claims and the exercise of such authority in full); or (2) a ruling by a court of competent jurisdiction over the Subdivision at issue that the Subdivision may not maintain any Released Claims at issue against any Released Entities, whether on the ground of this Agreement (or the release in it) or otherwise. For the avoidance of doubt, a law or ruling that is conditioned or predicated upon payment by a Released Entity (apart from the Annual Payments by Settling Distributors under this Agreement) shall not constitute a Case-Specific Resolution.

K. "*Claim*." Any past, present or future cause of action, claim for relief, cross-claim or counterclaim, theory of liability, demand, derivative claim, request, assessment, charge, covenant, damage, debt, lien, loss, penalty, judgment, right, obligation, dispute, suit, contract, controversy, agreement, *parens patriae* claim, promise, performance, warranty, omission, or grievance of any nature whatsoever, whether legal, equitable, statutory, regulatory or administrative, whether arising under federal, state or local common law, statute, regulation, guidance, ordinance or principles of equity, whether filed or unfiled, whether asserted or unasserted, whether known or unknown, whether accrued or unaccrued, whether foreseen, unforeseen or unforeseeable, whether discovered or undiscovered, whether suspected or unsuspected, whether fixed or contingent, and whether existing or hereafter arising, in all such cases, including, but not limited to, any request for declaratory, injunctive, or equitable relief, compensatory, punitive, or statutory damages, absolute liability, strict liability, restitution, abatement, subrogation, contribution, indemnity, apportionment, disgorgement, reimbursement, attorney fees, expert fees, consultant fees, fines, penalties, expenses, costs or any other legal, equitable, civil, administrative, or regulatory remedy whatsoever.

L. "*Claim-Over*." A Claim asserted by a Non-Released Entity against a Released Entity on the basis of contribution, indemnity, or other claim-over on any theory relating to a Non-Party Covered Conduct Claim asserted by a Releasor.

M. "*Compensatory Restitution Amount*." The aggregate amount paid or incurred by the Settling Distributors hereunder other than amounts paid as attorneys' fees and costs or identified pursuant to Section V.B.2 as being used to pay attorneys' fees, investigation costs or litigation costs.

N. "*Consent Judgment.*" A state-specific consent judgment in a form to be agreed by the Settling States and the Settling Distributors prior to the Initial Participation Date that, among other things, (1) approves this Agreement and (2) provides for the release set forth in Section XI.A, including the dismissal with prejudice of any Released Claims that the Settling State has brought against Released Entities.

O. "*Covered Conduct.*" Any actual or alleged act, failure to act, negligence, statement, error, omission, breach of any duty, conduct, event, transaction, agreement, misstatement, misleading statement or other activity of any kind whatsoever from the beginning of time through the Reference Date (and any past, present, or future consequence of any such act, failure to act, negligence, statement, error, omission, breach of duty, conduct, event, transaction, agreement, misstatement, misleading statement or other activity) relating in any way to (1) the discovery, development, manufacture, packaging, repackaging, marketing, promotion, advertising, labeling, recall, withdrawal, distribution, delivery, monitoring, reporting, supply, sale, prescribing, dispensing, physical security, warehousing, use or abuse of, or operating procedures relating to, any Product, or any system, plan, policy or advocacy relating to any Product or class of Products, including, but not limited to, any unbranded promotion, marketing, programs, or campaigns relating to any Product or class of Products; (2) the characteristics, properties, risks, or benefits of any Product; (3) the reporting, disclosure, non-reporting or non-disclosure to federal, state or other regulators of orders placed with any Released Entity; or (4) diversion control programs or suspicious order monitoring; *provided, however*, that as to any Claim that a Releasor has brought or could bring, Covered Conduct does not include non-compliance with statutory or administrative supply security standards concerning cleanliness of facilities or stopping counterfeit products, so long as such standards apply to the storage and distribution of both controlled and non-controlled pharmaceuticals.

P. "*Designated State*." New York.

Q. "*Effective Date.*" The date sixty (60) calendar days after the Reference Date.

R. "*Enforcement Committee.*" A committee consisting of representatives of the Settling States and of the Participating Subdivisions. Exhibit B contains the organizational bylaws of the Enforcement Committee. Notice pursuant to Section XIV.Q shall be provided when there are changes in membership or contact information.

S. "*Final Order.*" An order or judgment of a court of competent jurisdiction with respect to the applicable subject matter (1) which has not been reversed or superseded by a modified or amended order, is not currently stayed, and as to which any right to appeal or seek certiorari, review, reargument, stay, or rehearing has expired, and as to which no appeal or petition for certiorari, review, reargument, stay, or rehearing is pending, or (2) as to which an appeal has been taken or petition for certiorari, review, reargument, stay, or rehearing has been filed and (a) such appeal or petition for certiorari, review, reargument, stay, or rehearing has been resolved by the highest court to which the order or judgment was appealed or from which certiorari, review, reargument, stay, or rehearing was sought, or (b) the time to appeal further or seek certiorari, review, reargument, stay, or rehearing has expired and no such further appeal or petition for certiorari, review, reargument, stay, or rehearing is pending.

T. "*Global Settlement Abatement Amount.*" The abatement amount of $19,045,384,616.

U. "*Global Settlement Amount.*" The Global Settlement Amount is $21 billion, which shall be divided into the Global Settlement Abatement Amount, the Additional Restitution Amount, and the Global Settlement Attorney Fee Amount.

V. "*Global Settlement Attorney Fee Amount.*" The attorney fee amount of $1,671,923,077.

W. "*Incentive Payment A.*" The incentive payment described in Section IV.F.1.

X. "*Incentive Payment B.*" The incentive payment described in Section IV.F.2.

Y. "*Incentive Payment C.*" The incentive payment described in Section IV.F.3.

Z. "*Incentive Payment D.*" The incentive payment described in Section IV.F.4.

AA. "*Incentive Payment Final Eligibility Date.*" With respect to a Settling State, the date that is the earlier of (1) the fifth Payment Date, (2) the date of completion of opening statements in a trial of any action brought by a Subdivision in that State that includes a Released Claim against a Released Entity when such date is more than two (2) years after the Effective Date, or (3) two (2) years after the Effective Date in the event a trial of an action brought by a Subdivision in that State that includes a Released Claim against a Released Entity began after the Initial Participation Date but before two (2) years after the Effective Date.

BB. "*Initial Participating Subdivision.*" A Subdivision that meets the requirements set forth in Section VII.D.

CC. "*Initial Participation Date.*" The date one hundred twenty (120) calendar days after the Preliminary Agreement Date, unless it is extended by written agreement of the Settling Distributors and the Enforcement Committee.

DD. "*Injunctive Relief Terms.*" The terms described in Section III and set forth in Exhibit P.

EE. "*Later Litigating Subdivision.*" A Subdivision (or Subdivision official asserting the right of or for the Subdivision to recover for alleged harms to the Subdivision and/or the people thereof) that: (1) first files a lawsuit bringing a Released Claim against a Released Entity after the Trigger Date; or (2) adds a Released Claim against a Released Entity after the Trigger Date to a lawsuit brought before the Trigger Date that, prior to the Trigger Date, did not include any Released Claims against a Released Entity; or (3) (a) was a Litigating Subdivision whose Released Claims against Released Entities were resolved by a legislative Bar or legislative Case-Specific Resolution as of the Trigger Date, (b) such legislative Bar or legislative Case-Specific Resolution is subject to a Revocation Event after the Trigger Date, and (c) the earlier of the date of completion of opening statements in a trial in an action brought by a Subdivision in that State that includes a Released Claim against a Released Entity or one hundred eighty (180) days from the Revocation Event passes without a Bar or Case-Specific

Resolution being implemented as to that Litigating Subdivision or the Litigating Subdivision's Released Claims being dismissed; or (4) (a) was a Litigating Subdivision whose Released Claims against Released Entities were resolved by a judicial Bar or judicial Case-Specific Resolution as of the Trigger Date, (b) such judicial Bar or judicial Case-Specific Resolution is subject to a Revocation Event after the Trigger Date, and (c) such Litigating Subdivision takes any action in its lawsuit asserting a Released Claim against a Released Entity other than seeking a stay or dismissal.

FF. "*Later Participating Subdivision.*" A Participating Subdivision that is not an Initial Participating Subdivision, but meets the requirements set forth in Section VII.E.

GG. "*Litigating Subdivision*." A Subdivision (or Subdivision official) that brought any Released Claim against any Released Entity prior to the Trigger Date; *provided, however*, that a Subdivision (or Subdivision official) that is a Prior Litigating Subdivision shall not be considered a Litigating Subdivision. Exhibit C is an agreed list of all Litigating Subdivisions. Exhibit C will be updated (including with any corrections) periodically, and a final version of Exhibit C will be attached hereto as of the Reference Date.

HH. "*National Arbitration Panel.*" The panel comprised as described in Section VI.F.2.b.

II. "*National Disputes.*" As defined in Section VI.F.2.a.

JJ. "*Net Abatement Amount.*" The Global Settlement Abatement Amount as reduced by the Tribal/W. Va. Subdivision Credit.

KK. "*Net Settlement Prepayment Amount*." As defined in Section IV.J.1.

LL. "*Non-Litigating Subdivision*." Any Subdivision that is neither a Litigating Subdivision nor a Later Litigating Subdivision.

MM. "*Non-Participating Subdivision*." Any Subdivision that is not a Participating Subdivision.

NN. "*Non-Party Covered Conduct Claim*." A Claim against any Non-Released Entity involving, arising out of, or related to Covered Conduct (or conduct that would be Covered Conduct if engaged in by a Released Entity).

OO. "*Non-Party Settlement*." A settlement by any Releasor that settles any Non-Party Covered Conduct Claim and includes a release of any Non-Released Entity.

PP. "*Non-Released Entity*." An entity that is not a Released Entity.

QQ. "*Non-Settling State.*" Any State that is not a Settling State.

RR. "*Offset Cap.*" The per-State dollar amount which the dollar-for-dollar offset described in Section XII.A cannot exceed in a Payment Year, to be calculated by multiplying the

amount of the relevant Annual Payment apportioned to the State and to its Subdivisions for that Payment Year by the percentage for the applicable Participation Tier as set forth in Exhibit D.

SS. "*Opioid Remediation*." Care, treatment, and other programs and expenditures (including reimbursement for past such programs or expenditures[1] except where this Agreement restricts the use of funds solely to future Opioid Remediation) designed to (1) address the misuse and abuse of opioid products, (2) treat or mitigate opioid use or related disorders, or (3) mitigate other alleged effects of, including on those injured as a result of, the opioid epidemic. Exhibit E provides a non-exhaustive list of expenditures that qualify as being paid for Opioid Remediation. Qualifying expenditures may include reasonable related administrative expenses.

TT. "*Opioid Tax*." Any tax, assessment, license fee, surcharge or any other fee (other than a fixed prospective excise tax or similar tax or fee that has no restriction on pass-through) imposed by a State on a Settling Distributor on the sale, transfer or distribution of opioid products; *provided, however*, that neither the Excise Tax on sale of Opioids, Article 20-D of New York's Tax Law nor the Opioid Stewardship Act, Article 33, Title 2-A of New York's Public Health Law shall be considered an Opioid Tax for purposes of this Agreement.

UU. "*Overall Allocation Percentage*." A Settling State's percentage as set forth in Exhibit F. The aggregate Overall Allocation Percentages of all States (including Settling States and Non-Settling States) shall equal one hundred percent (100%).

VV. "*Participating Subdivision.*" Any Subdivision that meets the requirements for becoming a Participating Subdivision under Section VII.B and Section VII.C. Participating Subdivisions include both Initial Participating Subdivisions and Later Participating Subdivisions.

WW. "*Participation Tier*." The level of participation in this Agreement as determined pursuant to Section VIII.C using the criteria set forth in Exhibit H.

XX. "*Parties*." The Settling Distributors and the Settling States (each, a "*Party*").

YY. "*Payment Date.*" The date on which the Settling Distributors make the Annual Payment pursuant to Section IV.B.

ZZ. "*Payment Year.*" The calendar year during which the applicable Annual Payment is due pursuant to Section IV.B. Payment Year 1 is 2021, Payment Year 2 is 2022 and so forth. References to payment "*for a Payment Year*" mean the Annual Payment due during that year. References to eligibility "*for a Payment Year*" mean eligibility in connection with the Annual Payment due during that year.

AAA. "*Preliminary Agreement Date*." The date on which the Settling Distributors are to inform the Settling States of their determination whether the condition in Section II.B has been satisfied. The Preliminary Agreement Date shall be no more than fourteen (14) calendar days after the end of the notice period to States, unless it is extended by written agreement of the Settling Distributors and the Enforcement Committee.

[1] Reimbursement includes amounts paid to any governmental entities for past expenditures or programs.

BBB. "*Prepayment Notice.*" As defined in Section IV.J.1.

CCC. "*Primary Subdivision.*" A Subdivision that is a General Purpose Government (including, but not limited to, a municipality, county, county subdivision, city, town, township, parish, village, borough, gore, or any other entities that provide municipal-type government) with population over 10,000; *provided*, *however*, that as used in connection with Incentive Payment C, the population threshold is 30,000. Attached as Exhibit I is an agreed list of the Primary Subdivisions in each State.

DDD. "*Prior Litigating Subdivision*" A Subdivision (or Subdivision official) that brought any Released Claim against any Released Entity prior to the Trigger Date and all such Released Claims were separately settled or finally adjudicated prior to the Trigger Date; *provided*, *however*, that if the final adjudication was pursuant to a Bar, such Subdivision shall not be considered a Prior Litigating Subdivision. Notwithstanding the prior sentence, the Settling Distributors and the Settling State of the relevant Subdivision may agree in writing that the Subdivision shall not be considered a Prior Litigating Subdivision.

EEE. "*Product*." Any chemical substance, whether used for medicinal or non-medicinal purposes, and whether natural, synthetic, or semi-synthetic, or any finished pharmaceutical product made from or with such substance, that is: (1) an opioid or opiate, as well as any product containing any such substance; or (2) benzodiazepine, carisoprodol, or gabapentin; or (3) a combination or "cocktail" of chemical substances prescribed, sold, bought, or dispensed to be used together that includes opioids or opiates. "Product" shall include, but is not limited to, any substance consisting of or containing buprenorphine, codeine, fentanyl, hydrocodone, hydromorphone, meperidine, methadone, morphine, oxycodone, oxymorphone, tapentadol, tramadol, opium, heroin, carfentanil, diazepam, estazolam, quazepam, alprazolam, clonazepam, oxazepam, flurazepam, triozolam, temazepam, midazolam, carisoprodol, gabapentin, or any variant of these substances or any similar substance. Notwithstanding the foregoing, nothing in this section prohibits a Settling State from taking administrative or regulatory action related to benzodiazepine (including, but not limited to, diazepam, estazolam, quazepam, alprazolam, clonazepam, oxazepam, flurazepam, triozolam, temazepam, and midazolam), carisoprodol, or gabapentin that is wholly independent from the use of such drugs in combination with opioids, *provided* such action does not seek money (including abatement and/or remediation) for conduct prior to the Effective Date.

FFF. "*Reference Date.*" The date on which the Settling Distributors are to inform the Settling States of their determination whether the condition in Section VIII has been satisfied. The Reference Date shall be no later than thirty (30) calendar days after the Initial Participation Date, unless it is extended by written agreement of the Settling Distributors and the Enforcement Committee.

GGG. "*Released Claims*." Any and all Claims that directly or indirectly are based on, arise out of, or in any way relate to or concern the Covered Conduct occurring prior to the Reference Date. Without limiting the foregoing, Released Claims include any Claims that have been asserted against a Settling Distributor by any Settling State or Litigating Subdivision in any federal, state, or local action or proceeding (whether judicial, arbitral, or administrative) based on, arising out of, or relating to, in whole or in part, the Covered Conduct, or any such Claims

that could be or could have been asserted now or in the future in those actions or in any comparable action or proceeding brought by a State, Subdivision, or Releasor (whether or not such State, Subdivision, or Releasor has brought such action or proceeding). Released Claims also include all Claims asserted in any proceeding to be dismissed pursuant to this Agreement, whether or not such claims relate to Covered Conduct. The Parties intend that this term, "Released Claims," be interpreted broadly. This Agreement does not release Claims by private individuals. It is the intent of the Parties that Claims by private individuals be treated in accordance with applicable law. Released Claims is also used herein to describe claims brought by a Later Litigating Subdivision or other non-party Subdivision that would have been Released Claims if they had been brought by a Releasor against a Released Entity.

HHH. "*Released Entities.*" With respect to Released Claims, the Settling Distributors and (1) all past and present subsidiaries, divisions, predecessors, successors, and assigns (in each case, whether direct or indirect) of each Settling Distributor; (2) all past and present subsidiaries and divisions (in each case, whether direct or indirect) of any entity described in subsection (1); (3) the respective past and present officers, directors, members, trustees, and employees of any of the foregoing (each for actions that occurred during and related to their work for, or employment with, any of the Settling Distributors or the foregoing entities); (4) all past and present joint ventures (whether direct or indirect) of each Settling Distributor or its subsidiaries, including in any Settling Distributor or subsidiary's capacity as a participating member in such joint venture; (5) all direct or indirect parents and shareholders of the Settling Distributors (solely in their capacity as parents or shareholders of the applicable Settling Distributor with respect to Covered Conduct); and (6) any insurer of any Settling Distributor or any person or entity otherwise described in subsections (1)-(5) (solely in its role as insurer of such person or entity and subject to the last sentence of Section XI.C). Any person or entity described in subsections (3)-(6) shall be a Released Entity solely in the capacity described in such clause and shall not be a Released Entity with respect to its conduct in any other capacity. For the avoidance of doubt, CVS Health Corp., Walgreens Boots Alliance, Inc., and Walmart Inc. (collectively, the "*Pharmacies*") are not Released Entities, nor are their direct or indirect past or present subsidiaries, divisions, predecessors, successors, assigns, joint ventures, shareholders, officers, directors, members, trustees, or employees (shareholders, officers, directors, members, trustees, and employees for actions related to their work for, employment with, or involvement with the Pharmacies) Released Entities. Notwithstanding the prior sentence, any joint venture or past or present subsidiary of a Settling Distributor is a Released Entity, including any joint venture between a Settling Distributor or any Settling Distributor's subsidiary and a Pharmacy (or any subsidiary of a Pharmacy); *provided, however*, that any joint venture partner of a Settling Distributor or a Settling Distributor's subsidiary is not a Released Entity unless it falls within subsections (1)-(6) above. Lists of Settling Distributors' subsidiaries, joint ventures, and predecessor entities are appended to this Agreement as Exhibit J. With respect to joint ventures (including predecessor entities), only entities listed on Exhibit J are Released Entities. With respect to wholly-owned subsidiaries (including predecessor entities), Exhibit J represents a good faith effort by the Settling Distributors to list all such entities, but any and all wholly-owned subsidiaries (including predecessor entities) of any Settling Distributor are Released Entities, whether or not they are listed on Exhibit J. For the avoidance of doubt, any entity acquired, or joint venture entered into, by a Settling Distributor after the Reference Date is not a Released Entity.

III. "*Releasors*." With respect to Released Claims, (1) each Settling State; (2) each Participating Subdivision; and (3) without limitation and to the maximum extent of the power of each Settling State's Attorney General and/or Participating Subdivision to release Claims, (a) the Settling State's and Participating Subdivision's departments, agencies, divisions, boards, commissions, Subdivisions, districts, instrumentalities of any kind and attorneys, including its Attorney General, and any person in his or her official capacity whether elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, (b) any public entities, public instrumentalities, public educational institutions, unincorporated districts, fire districts, irrigation districts, and other Special Districts in a Settling State, and (c) any person or entity acting in a *parens patriae*, sovereign, quasi-sovereign, private attorney general, *qui tam*, taxpayer, or other capacity seeking relief on behalf of or generally applicable to the general public with respect to a Settling State or Subdivision in a Settling State, whether or not any of them participate in this Agreement. The inclusion of a specific reference to a type of entity in this definition shall not be construed as meaning that the entity is not a Subdivision. Each Settling State's Attorney General represents that he or she has or has obtained (or will obtain no later than the Initial Participation Date) the authority set forth in Section XI.G. In addition to being a Releasor as provided herein, a Participating Subdivision shall also provide the Subdivision Settlement Participation Form referenced in Section VII providing for a release to the fullest extent of the Participating Subdivision's authority.

JJJ. "*Revocation Event*." With respect to a Bar, Settlement Class Resolution, or Case-Specific Resolution, a revocation, rescission, reversal, overruling, or interpretation that in any way limits the effect of such Bar, Settlement Class Resolution, or Case-Specific Resolution on Released Claims, or any other action or event that otherwise deprives the Bar, Settlement Class Resolution, or Case-Specific Resolution of force or effect in any material respect.

KKK. "*Settlement Class Resolution.*" A class action resolution in a court of competent jurisdiction in a Settling State (that is not successfully removed to federal court) with respect to a class of Subdivisions in that State that (1) conforms with that Settling State's statutes, case law, and rules of procedure regarding class actions; (2) is approved and entered as an order of a court of competent jurisdiction in that State and such order has become a Final Order; (3) is binding on all Non-Participating Subdivisions in that State (other than opt outs as permitted under the next sentence); (4) provides that all such Non-Participating Subdivisions may not bring any Released Claims against any Released Entities, whether on the ground of this Agreement (or the releases herein) or otherwise; and (5) does not impose any costs or obligations on Settling Distributors other than those provided for in this Agreement, or contain any provision inconsistent with any provision of this Agreement. If applicable state law requires that opt-out rights be afforded to members of the class, a class action resolution otherwise meeting the foregoing requirements shall qualify as a Settlement Class Resolution unless Subdivisions collectively representing more than one percent (1%) of the total population of that State opt out. In seeking certification of any Settlement Class, the applicable State and Participating Subdivisions shall make clear that certification is sought solely for settlement purposes and shall have no applicability beyond approval of the settlement for which certification is sought. Nothing in this Agreement constitutes an admission by any Party that class certification would be appropriate for litigation purposes in any case or for purposes unrelated to this Agreement.

LLL. "*Settlement Fund*." The interest-bearing fund established pursuant to this Agreement into which the Annual Payments are made under Section IV.

MMM. "*Settlement Fund Administrator*." The entity that annually determines the Annual Payment (including calculating Incentive Payments pursuant to Section IV and any amounts subject to suspension, offset, or reduction pursuant to Section XII and Section XIII), annually determines the Participation Tier pursuant to Section VIII.C, administers the Settlement Fund, and distributes amounts into the Abatement Accounts Fund, State Fund, and Subdivision Fund pursuant to this Agreement. The duties of the Settlement Fund Administrator shall be governed by this Agreement. Prior to the Initial Participation Date, the Settling Distributors and the Enforcement Committee shall agree to selection and removal processes for and the identity of the Settlement Fund Administrator, and a detailed description of the Settlement Fund Administrator's duties and responsibilities, including a detailed mechanism for paying the Settlement Fund Administrator's fees and costs, all of which shall be appended to the Agreement as Exhibit L.

NNN. "*Settlement Fund Escrow*." The interest-bearing escrow fund established pursuant to this Agreement to hold disputed or suspended payments made under this Agreement, and to hold the first Annual Payment until the Effective Date.

OOO. "*Settlement Payment Schedule*." The schedule attached to this Agreement as Exhibit M.

PPP. "*Settlement Prepayment.*" As defined in Section IV.J.1.

QQQ. "*Settlement Prepayment Reduction Schedule.*" As defined in Section IV.J.1.

RRR. "*Settling Distributors*." McKesson Corporation, Cardinal Health, Inc., and AmerisourceBergen Corporation (each, a "*Settling Distributor*").

SSS. "*Settling State.*" A State that has entered into this Agreement with all Settling Distributors and delivers executed releases in accordance with Section VIII.A.

TTT. "*State*." With the exception of West Virginia, which has addressed its claims separately and is excluded from participation in this Agreement, the states, commonwealths, and territories of the United States of America, as well as the District of Columbia. The 55 States are listed in Exhibit F. Additionally, the use of non-capitalized "state" to describe something (*e.g.*, "state court") shall also be read to include parallel entities in commonwealths, territories, and the District of Columbia (*e.g.*, "territorial court").

UUU. "*State Fund*." The component of the Settlement Fund described in Section V.C.

VVV. "*State-Subdivision Agreement*." An agreement that a Settling State reaches with the Subdivisions in that State regarding the allocation, distribution, and/or use of funds allocated to that State and to its Subdivisions. A State-Subdivision Agreement shall be effective if approved pursuant to the provisions of Exhibit O or if adopted by statute. Preexisting agreements addressing funds other than those allocated pursuant to this Agreement shall qualify

if the approval requirements of Exhibit O are met. A State and its Subdivisions may revise a State-Subdivision Agreement if approved pursuant to the provisions of Exhibit O, or if such revision is adopted by statute.

WWW. "*Statutory Trust*." A trust fund established by state law to receive funds allocated to a Settling State's Abatement Accounts Fund and restrict any expenditures made using funds from such Settling State's Abatement Accounts Fund to Opioid Remediation, subject to reasonable administrative expenses. A State may give a Statutory Trust authority to allocate one (1) or more of the three (3) types of funds comprising such State's Settlement Fund, but this is not required.

XXX. "*Subdivision*." Any (1) General Purpose Government (including, but not limited to, a municipality, county, county subdivision, city, town, township, parish, village, borough, gore, or any other entities that provide municipal-type government), School District, or Special District within a State, and (2) any other subdivision or subdivision official or sub-entity of or located within a State (whether political, geographical or otherwise, whether functioning or non-functioning, regardless of population overlap, and including, but not limited to, Nonfunctioning Governmental Units and public institutions) that has filed a lawsuit that includes a Released Claim against a Released Entity in a direct, *parens patriae*, or any other capacity. "General Purpose Government," "School District," and "Special District" shall correspond to the "five basic types of local governments" recognized by the U.S. Census Bureau and match the 2017 list of Governmental Units.[2] The three (3) General Purpose Governments are county, municipal, and township governments; the two (2) special purpose governments are School Districts and Special Districts.[3] "Fire District," "Health District," "Hospital District," and "Library District" shall correspond to categories of Special Districts recognized by the U.S. Census Bureau.[4] References to a State's Subdivisions or to a Subdivision "in," "of," or "within" a State include Subdivisions located within the State even if they are not formally or legally a sub-entity of the State; *provided, however*, that a "Health District" that includes any of the following words or phrases in its name shall not be considered a Subdivision: mosquito, pest, insect, spray, vector, animal, air quality, air pollution, clean air, coastal water, tuberculosis, and sanitary.

YYY. "*Subdivision Allocation Percentage*." The portion of a Settling State's Subdivision Fund set forth in Exhibit G that a Subdivision will receive pursuant to Section V.C or Section V.D if it becomes a Participating Subdivision. The aggregate Subdivision Allocation

[2] https://www.census.gov/data/datasets/2017/econ/gus/public-use-files.html
[3] *E.g.*, U.S. Census Bureau, "Technical Documentation: 2017 Public Use Files for State and Local Government Organization" at 7 (noting that "the Census Bureau recognizes five basic types of local governments," that three of those are "general purpose governments" (county governments, municipal governments, and township governments), and that the other two are "school district and special district governments"), https://www2.census.gov/programs-surveys/gus/datasets/2017/2017_gov_org_meth_tech_doc.pdf.
[4] A list of 2017 Government Units provided by the Census Bureau identifies 38,542 Special Districts and categorizes them by "FUNCTION_NAME." "Govt_Units_2017_Final" spreadsheet, "Special District" sheet, included in "Independent Governments - list of governments with reference information," https://www.census.gov/data/datasets/2017/econ/gus/public-use-files.html. As used herein, "Fire District" corresponds to Special District function name "24 – Local Fire Protection," "Health District" corresponds to Special District function name "32 – Health," "Hospital District" corresponds to Special District function name "40 – Hospitals," and "Library District" corresponds to Special District function name "52 – Libraries." *See id.*

Percentage of all Subdivisions receiving a Subdivision Allocation Percentage in each State shall equal one hundred percent (100%). Immediately upon the effectiveness of any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3) that addresses allocation from the Subdivision Fund, or upon any, whether before or after the Initial Participation Date, Exhibit G will automatically be amended to reflect the allocation from the Subdivision Fund pursuant to the State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3. The Subdivision Allocation Percentages contained in Exhibit G may not change once notice is distributed pursuant to Section VII.A, except upon the effectiveness of any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3) that addresses allocation from the Subdivision Fund. For the avoidance of doubt, no Subdivision not listed on Exhibit G shall receive an allocation from the Subdivision Fund and no provision of this Agreement shall be interpreted to create such an entitlement.

ZZZ. "*Subdivision Fund*." The component of the Settlement Fund described in Section V.C.

AAAA. "*Subdivision Settlement Participation Form.*" The form attached as Exhibit K that Participating Subdivisions must execute and return to the Settlement Fund Administrator.

BBBB. "*Suspension Amount.*" The amount calculated as follows: the per capita amount corresponding to the applicable Participation Tier as set forth in Exhibit D multiplied by the population of the Later Litigating Subdivision.

CCCC. "*Suspension Cap*." The amount calculated as follows: the suspension percentage corresponding to the applicable Participation Tier as set forth in Exhibit D multiplied by the amount of the relevant Annual Payment apportioned to the State of the Later Litigating Subdivision and to Subdivisions in that State in each year of the suspension.

DDDD. "*Suspension Deadline*." With respect to a lawsuit filed by a Later Litigating Subdivision asserting a Released Claim, the deadline set forth in Exhibit D corresponding to the applicable Participation Tier.

EEEE. "*Threshold Motion*." A motion to dismiss or equivalent dispositive motion made at the outset of litigation under applicable procedure. A Threshold Motion must include as potential grounds for dismissal any applicable Bar or the relevant release by a Settling State or Participating Subdivision provided under this Agreement and, where appropriate under applicable law, any applicable limitations defense.

FFFF. "*Tribal/W. Va. Subdivision Credit*." The Tribal/W. Va. Subdivision Credit shall equal 2.58% of the Global Settlement Abatement Amount.

GGGG. "*Trigger Date*." In the case of a Primary Subdivision, the Reference Date. In the case of all other Subdivisions, the Preliminary Agreement Date.

II. Participation by States and Condition to Preliminary Agreement

A. *Notice to States*. On July 22, 2021 this Agreement shall be distributed to all States. The States' Attorneys General shall then have a period of thirty (30) calendar days to decide whether to become Settling States. States that determine to become Settling States shall so notify the National Association of Attorneys General and Settling Distributors and shall further commit to obtaining any necessary additional State releases prior to the Reference Date. This notice period may be extended by written agreement of the Settling Distributors and the Enforcement Committee.

B. *Condition to Preliminary Agreement*. Following the notice period set forth in Section II.A above, the Settling Distributors shall determine on or before the Preliminary Agreement Date whether, in their sole discretion, enough States have agreed to become Settling States to proceed with notice to Subdivisions as set forth in Section VII below. If the Settling Distributors determine that this condition has been satisfied, and that notice to the Litigating Subdivisions should proceed, they will so notify the Settling States by providing notice to the Enforcement Committee and Settlement Fund Administrator on the Preliminary Agreement Date. If the Settling Distributors determine that this condition has not been satisfied, they will so notify the Settling States by providing notice to the Enforcement Committee and Settlement Fund Administrator, and this Agreement will have no further effect and all releases and other commitments or obligations contained herein will be void.

C. *Later Joinder by States*. After the Preliminary Agreement Date, a State may only become a Settling State with the consent of the Settling Distributors, in their sole discretion. If a State becomes a Settling State more than sixty (60) calendar days after the Preliminary Agreement Date, but on or before January 1, 2022, the Subdivisions in that State that become Participating Subdivisions within ninety (90) calendar days of the State becoming a Settling State shall be considered Initial Participating Subdvisions. A State may not become a Settling State after January 1, 2022.

D. *Litigation Activity*. Following the Preliminary Agreement Date, States that determine to become Settling States shall make best efforts to cease litigation activity against Settling Distributors, including by jointly seeking stays or severance of claim against the Settling Distributors, where feasible, and otherwise to minimize such activity by means of agreed deadline extensions and agreed postponement of depositions, document productions, and motion practice if a motion to stay or sever is not feasible or is denied.

III. Injunctive Relief

A. *Injunctive Relief*. As part of the Consent Judgment, the Parties agree to the entry of the injunctive relief terms attached in Exhibit P.

IV. Settlement Payments

A. *Settlement Fund*. All payments under this Section IV shall be made into the Settlement Fund, except that, where specified, they shall be made into the Settlement Fund Escrow. The Settlement Fund shall be allocated and used only as specified in Section V.

B. *Annual Payments*. The Settling Distributors shall make eighteen (18) Annual Payments, each comprised of base and incentive payments as provided in this Section IV, as well as fifty percent (50%) of the amount of any Settlement Fund Administrator costs and fees that exceed the available interest accrued in the Settlement Fund as provided in Section V.C.5, and as determined by the Settlement Fund Administrator as set forth in this Agreement.

1. All data relevant to the determination of the Annual Payment and allocations to Settling States and their Participating Subdivisions listed on Exhibit G shall be submitted to the Settlement Fund Administrator no later than sixty (60) calendar days prior to the Payment Date for each Annual Payment. The Settlement Fund Administrator shall then determine the Annual Payment, the amount to be paid to each Settling State and its Participating Subdivisions included on Exhibit G, and the amount of any Settlement Fund Administrator costs and fees, all consistent with the provisions in Exhibit L, by:

a. determining, for each Settling State, the amount of base and incentive payments to which the State is entitled by applying the criteria under Section IV.D, Section IV.E, and Section IV.F;

b. applying any suspensions, offsets, or reductions as specified under Section IV, Section XII, and Section XIII;

c. applying any adjustment required as a result of prepayment or significant financial constraint, as specified under Section IV.J and Section IV.K;

d. determining the amount of any Settlement Fund Administrator costs and fees that exceed the available interest accrued in the Settlement Fund, as well as the amounts, if any, of such costs and fees owed by Settling Distributors and out of the Settlement Fund pursuant to Section V.C.5;

e. determining the total amount owed by Settling Distributors (including any amounts to be held in the Settlement Fund Escrow pending resolution of a case by a Later Litigating Subdivision as described in Section XII) to all Settling States and the Participating Subdivisions listed on Exhibit G; and

f. the Settlement Fund Administrator shall then allocate, after subtracting the portion of any Settlement Fund Administrator costs and fees owed out of funds from the Settlement Fund pursuant to Section V.C.5, the Annual Payment pursuant to Section V.C and Section V.D among the Settling States, among the separate types of funds for each Settling State (if applicable), and among the Participating Subdivisions listed on Exhibit G.

2. The Settlement Fund Administrator shall also apply the allocation percentages set forth in Section IV.I and determine for each Settling Distributor the amount of its allocable share of the Annual Payment. For the avoidance of doubt, each Settling Distributor's liability for its share of the Annual Payment is several, and not joint.

3. As soon as possible, but no later than fifty (50) calendar days prior to the Payment Date for each Annual Payment and following the determination described in Section IV.B.1 and Section IV.B.2, the Settlement Fund Administrator shall give notice to the Settling Distributors, the Settling States, and the Enforcement Committee of the amount of the Annual Payment (including the amount of the Settlement Fund to be allocated to the Settlement Fund Administrator in costs and fees pursuant to Section V.C.5), the amount to be received by each Settling State, the amount to be received by the separate types of funds for each Settling State (if applicable), and the amount to be received by each Settling State's Participating Subdivisions listed on Exhibit G. The Settlement Fund Administrator shall also give notice to each Settling Distributor of the amount of its allocable share of the Annual Payment, including its allocable share of the amount of any Settlement Fund Administrator costs and fees that exceed the available interest accrued in the Settlement Fund pursuant to Section V.C.5.

4. Within twenty-one (21) calendar days of the notice provided by the Settlement Fund Administrator, any party may dispute, in writing, the calculation of the Annual Payment (including the amount allocated for Settlement Fund Administrator costs and fees), or the amount to be received by a Settling State and/or its Participating Subdivisions listed on Exhibit G. Such disputing party must provide a written notice of dispute to the Settlement Fund Administrator, the Enforcement Committee, any affected Settling State, and the Settling Distributors identifying the nature of the dispute, the amount of money that is disputed, and the Settling State(s) affected.

5. Within twenty-one (21) calendar days of the sending of a written notice of dispute, any affected party may submit a response, in writing, to the Settlement Fund Administrator, the Enforcement Committee, any affected Settling State, and the Settling Distributors identifying the basis for disagreement with the notice of dispute.

6. If no response is filed, the Settlement Fund Administrator shall adjust the amount calculated consistent with the written notice of dispute, and each Settling Distributor shall pay its allocable share of the adjusted amount, collectively totaling that year's Annual Payment, on the Payment Date. If a written response to the written notice of dispute is timely sent to the Settlement Fund Administrator, the Settlement Fund Administrator shall notify the Settling Distributors of the preliminary amount to be paid, which shall be the greater of the amount originally calculated by the Settling Administrator or the amount that would be consistent with the notice of dispute, *provided, however*, that in no circumstances shall the preliminary amount to be paid be higher than the maximum amount of Base and Incentive Payments A and D for that Payment Year as set forth on Exhibit M. For the avoidance of doubt, a transfer of suspended payments from the Settlement Fund Escrow pursuant to Section XII.A.2 does not count toward determining whether the amount to be paid is higher than the maximum amount of Base and Incentive Payments A and D for that Payment Year as set forth on Exhibit M.

7. The Settlement Fund Administrator shall place any disputed amount of the preliminary amount paid by the Settling Distributors into the Settlement Fund Escrow and shall disburse any undisputed amount to each Settling State and its Participating

Subdivisions listed on Exhibit G within fifteen (15) calendar days of the Payment Date or at such later time as directed by each Settling State.

8. Disputes described in this subsection shall be resolved in accordance with the terms of Section VI.F.

9. For the avoidance of doubt, no Subdivision not listed on Exhibit G shall receive an allocation from the Subdivision Fund and no provision of this Agreement shall be interpreted to create such an entitlement.

C. *Procedure for Annual Payment in Payment Years 1 and 2*. The process described in Section IV.B shall not apply to Payment Years 1 and 2. The procedure in lieu of Section IV.B.1 for Payment Years 1 and 2 is as set forth below:

1. The Payment Date for Payment Year 1 is September 30, 2021. *Provided* that the condition set forth in Section II.B has been satisfied, on or before such date, the Settling Distributors shall pay into the Settlement Fund Escrow the total amount of the base payment, Incentive Payment A for the Settling States (the amount specified in Exhibit M for Payment Year 1 reduced by the allocable share of any Non-Settling States), and the Settling Distributors' allocable share of the amount of any Settlement Fund Administrator costs and fees that exceed the available interest accrued in the Settlement Fund pursuant to Section V.C.5. In the event that, in accordance with the terms of Section VIII.A, the Settling Distributors determine not to proceed with the Settlement, or the Settlement does not become effective for any other reason, the funds held in the Settlement Fund Escrow shall immediately revert to the Settling Distributors. If the condition set forth in Section VIII.A is met, the Settlement Fund Administrator shall allocate the Annual Payment, after subtracting the portion of Settlement Fund Administrator costs and fees owed out of funds from the Settlement Fund pursuant to Section V.C.5, pursuant to Section V.C and Section V.D among the Settling States and their Participating Subdivisions listed on Exhibit G. The portion of any Settlement Fund Administrator costs and fees owed out of funds from the Settlement Fund pursuant to Section V.C.5 shall be available to the Settlement Fund Administrator for the payment of such costs and fees immediately. The remainder of the Annual Payment for Payment Year 1 shall be transferred by the Settlement Fund Administrator on the Effective Date from the Settlement Fund Escrow to the Settlement Fund and then to each Settling State and to its Initial Participating Subdivisions included on Exhibit G; *provided*, *however*, that for any Settling State where the Consent Judgment has not been entered as of the Effective Date, the funds allocable to that Settling State and its Participating Subdivisions included on Exhibit G shall not be transferred from the Settlement Fund Escrow or disbursed until ten (10) calendar days after the entry of the Consent Judgment in that State; and, *provided*, *further*, the Settlement Fund Administrator shall leave in the Settlement Fund Escrow funds allocated to Subdivisions included on Exhibit G that are not Initial Participating Subdivisions. Should such a Subdivision become a Participating Subdivision between the Initial Participation Date and the Effective Date, the allocation for such Participating Subdivision shall be transferred to the Settlement Fund and paid to the Participating Subdivision at the same time as Initial Participating Subdivisions in that State are paid.

2. The Payment Date for Payment Year 2 is July 15, 2022. On or before such date, the Settling Distributors shall pay into the Settlement Fund the total amount of the base payment, Incentive Payment A for the Settling States (the amount specified in Exhibit M for Payment Year 2 reduced by the allocable share of any Non-Settling States), and the Settling Distributors' allocable share of the amount of any Settlement Fund Administrator costs and fees that exceed the available interest accrued in the Settlement Fund pursuant to Section V.C.5. The portion of any Settlement Fund Administrator costs and fees owed out of funds from the Settlement Fund pursuant to Section V.C.5 shall be available to the Settlement Fund Administrator for the payment of such costs and fees immediately. The Settlement Fund Administrator shall disburse the remaining amounts to each Settling State and to its Participating Subdivisions included on Exhibit G within fifteen (15) calendar days of the Payment Date or at such later time as directed by each Settling State. If a Settling State enacts a legislative Bar after the Initial Participation Date, but before July 15, 2022, a Subdivision that meets the requirements for becoming a Participating Subdivision under Section VII prior to July 15, 2022 (but was not an Initial Participating Subdivision) shall be eligible to receive its allocated share (if any) for Payment Year 2, and it shall also receive any amounts allocated to it for Payment Year 1 from the Settlement Fund Escrow.

3. Any amounts remaining in the Settlement Fund Escrow for allocations to Subdivisions listed on Exhibit G that have not become Participating Subdivisions after all payments for Payment Year 2 are disbursed shall be transferred to the Settlement Fund and disbursed to the appropriate sub-funds in each Settling State pursuant to Section V.D.5.

4. Any disputes as to the allocation of the Annual Payments in Payment Years 1 and 2 shall be resolved pursuant to the process set forth in Section IV.B.3 through Section IV.B.8, except that in Payment Year 1, the Settlement Fund Administrator shall have until ten (10) calendar days after the Initial Participation Date to give notice of the amount to be received by each Settling State, the amount to be received by the separate types of funds for each Settling State (if applicable), and the amount to be received by each Initial Participating Subdivision in the Settling States that is listed on Exhibit G.

D. *Payment Date for Subsequent Payment Years*. The Payment Date for Payment Year 3 and successive Payment Years is July 15 of the third and successive years and the Annual Payment shall be made pursuant to the process set forth in Section IV.B, except that, with respect to Payment Year 3, Settling States shall have up to the Payment Date to become eligible for Incentive Payment A and thus avoid the reductions set forth in Section XIII. If a Settling State enacts a Bar less than sixty (60) calendar days before the Payment Date for Payment Year 3, each Settling Distributor shall pay, within thirty (30) calendar days of the Payment Year 3 Payment Date, its allocable share, pursuant to Section IV.I, of the difference between the Annual Payment as calculated by the Settlement Fund Administrator and the amount that would have been owed had the Settlement Fund Administrator taken the Bar into account.

E. *Base Payments.* Subject to the suspension, reduction, and offset provisions set forth in Section XII and Section XIII, the Settling Distributors shall collectively make base

payments equal to fifty-five percent (55%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the Settling States. These payments will be due in installments consistent with Exhibit M over the eighteen (18) Payment Years and as adjusted by the Settlement Fund Administrator pursuant to the provisions in Section IV, Section XII, and Section XIII.

F. *Incentive Payments.* Subject to the suspension, offset, and reduction provisions set forth in Section XII and Section XIII, the Settling Distributors shall collectively make potential additional incentive payments totaling up to a maximum of forty-five percent (45%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the Settling States, with the actual amount depending on whether and the extent to which the criteria set forth below are met in each Settling State. The incentive payments shall be divided among four (4) categories, referred to as Incentive Payments A-D. Incentive Payments A-C will be due in installments over the eighteen (18) Payment Years, and Incentive Payment D will be due in installments over thirteen (13) years beginning with Payment Year 6. The total amount of incentive payments in an Annual Payment shall be the sum of the incentive payments for which individual Settling States are eligible for that Payment Year under the criteria set forth below. The incentive payments shall be made with respect to a specific Settling State based on its eligibility for that year under the criteria set forth below.

1. Incentive Payment A. Incentive Payment A shall be equal to forty percent (40%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the Settling States, provided all Settling States satisfy the requirements of Incentive Payment A. Incentive Payment A will be due to a Settling State as part of the Annual Payment in each of the eighteen (18) Payment Years that a Settling State is eligible for Incentive Payment A and shall equal a total potential maximum of $7,421,605,477 if all States are eligible for all eighteen (18) Payment Years. Each Settling State's share of Incentive Payment A in a given year, *provided* that Settling State is eligible, shall equal the total maximum amount available for Incentive Payment A for that year as reflected in Exhibit M times the Settling State's Overall Allocation Percentage. Eligibility for Incentive Payment A is as follows:

a. For the Payment Years 1 and 2, all Settling States are deemed eligible for Incentive Payment A.

b. For each Payment Year other than Payment Years 1 and 2, a Settling State is eligible for Incentive Payment A if, as of sixty (60) calendar days prior to the Payment Date (except that in Payment Year 3, this date is as of the Payment Date), (i) there is a Bar in that State in full force and effect, (ii) there is a Settlement Class Resolution in that State in full force and effect, (iii) the Released Claims of all of the following entities are released through the execution of Subdivision Settlement Participation Forms, or there is a Case-Specific Resolution against such entities: all Primary Subdivisions, Litigating Subdivisions, School Districts with a K-12 student enrollment of at least 25,000 or .10% of a State's population, whichever is greater, and Health Districts and Hospital Districts that have at least one hundred twenty-five (125) hospital beds in one or more hospitals rendering services in that district; or (iv) a combination of

the actions in clauses (i)-(iii) has achieved the same level of resolution of Claims by Subdivisions (*e.g.*, a Bar against future litigation combined with full joinder by Litigating Subdivisions). For the avoidance of doubt, subsection (iv) cannot be satisfied unless all Litigating Subdivisions are Participating Subdivisions or there is a Case-Specific Resolution against any such Subdivisions that are not Participating Subdivisions. The Settling Distributors and the Enforcement Committee shall meet and confer in order to agree on data sources for purposes of this Section prior to the Preliminary Agreement Date.

c. Notwithstanding Section IV.F.1.b, for each Payment Year other than Payment Years 1 and 2, a Settling State that is not eligible for Incentive Payment A as of the Incentive Payment Final Eligibility Date shall not be eligible for Incentive Payment A for that Payment Year or any subsequent Payment Years.

d. If the Settling Distributors made a payment under Incentive Payment A solely on the basis of a Bar or Settlement Class Resolution in a Settling State and that Bar or Settlement Class Resolution is subsequently removed, revoked, rescinded, reversed, overruled, interpreted in a manner to limit the scope of the release, or otherwise deprived of force or effect in any material respect, that Settling State shall not be eligible for Incentive Payment A thereafter, unless the State requalifies for Incentive Payment A through any method pursuant to Section IV.F.1.b, in which case the Settling State shall be eligible for Incentive Payment A less any litigation fees and costs incurred by Settling Distributor in the interim, except that, if the re-imposition occurs after the completion of opening statements in a trial involving a Released Claim, the Settling State shall not be eligible for Incentive Payment A (unless this exception is waived by the Settling Distributors).

e. In determining the amount of Incentive Payment A that Settling Distributors will pay in a Payment Year and each Settling State's share, if any, of Incentive Payment A for that Payment Year, the Settlement Fund Administrator shall: (i) identify all Settling States that are eligible for Incentive Payment A; (ii) multiply the Overall Allocation Percentage for each such eligible Settling State by the maximum amount that Settling Distributors could owe with respect to Incentive Payment A for that Payment Year as listed on Exhibit M. The amount calculated in (ii) shall be the amount allocated to a Settling State eligible for Incentive Payment A for that Payment Year and the aggregate of each such amount for Settling States eligible for Incentive Payment A shall be the amount of Incentive Payment A Settling Distributors are obligated to pay in that Payment Year, all such amounts subject to the suspension, offset, and reduction provisions in Section XII and Section XIII.

2. Incentive Payment B. Incentive Payment B shall be available to Settling States that are not eligible for Incentive Payment A for the applicable Payment Year. Incentive Payment B shall be equal to up to twenty-five percent (25%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the

Settling States. Incentive Payment B will be due to a Settling State as part of the Annual Payment in each of the eighteen (18) Payment Years that a Settling State is eligible for Incentive Payment B and equal a total potential maximum of $4,638,503,423 if all States are eligible for all eighteen (18) Payment Years. Each Settling State's maximum share of Incentive Payment B in a given year shall equal the total maximum amount available for Incentive Payment B for that year as reflected in Exhibit M times the Settling State's Overall Allocation Percentage. Eligibility for Incentive Payment B is as follows:

a. A Settling State is not eligible for Incentive Payment B for a Payment Year for which it is eligible for Incentive Payment A.

b. Subject to Section IV.F.2.a, the amount of Incentive Payment B for which a Settling State is eligible in a Payment Year shall be a percentage of that State's maximum share of Incentive Payment B based on the extent to which (A) Litigating Subdivisions in the State are Participating Subdivisions or (B) there is a Case-Specific Resolution against Litigating Subdivisions in the State, collectively, "*Incentive B Eligible Subdivisions*." The percentage of the State's maximum share of Incentive Payment B that the State is eligible for in a Payment Year shall be determined according to the table below:

Percentage of Litigating Subdivision Population that is Incentive B Eligible Subdivision Population[5]	**Incentive Payment B Eligibility Percentage**
Up to 85%	0%
85%+	30%
86+	40%
91+	50%
95+	60%
99%+	95%
100%	100%

[5] The "Percentage of Litigating Subdivision Population that is Incentive B Eligible Subdivision Population" shall be determined by the aggregate population of the Settling State's Litigating Subdivisions that are Incentive B Eligible Subdivisions divided by the aggregate population of the Settling State's Litigating Subdivisions. In calculating the Settling State's population that resides in Litigating Subdivisions, (a) the population of the Settling State's Litigating Subdivisions shall be the sum of the population of all Litigating Subdivisions in the Settling State, notwithstanding that persons may be included within the population of more than one Litigating Subdivision, and (b) the population that resides in Incentive B Eligible Subdivisions shall be the sum of the population of the Incentive B Eligible Subdivisions, notwithstanding that persons may be included within the population of more than one Incentive B Eligible Subdivision. An individual Litigating Subdivision shall not be included more than once in the numerator, and shall not be included more than once in the denominator, of the calculation regardless if it (or any of its officials) is named as multiple plaintiffs in the same lawsuit; *provided, however*, that for the avoidance of doubt, no Litigating Subdivision will be excluded from the numerator or denominator under this sentence unless a Litigating Subdivision otherwise counted in the denominator has the authority to release the Claims (consistent with Section XI) of the Litigating Subdivision to be excluded. For the avoidance of doubt, a Settling State in which the population that resides in Incentive B Eligible Subdivisions is less than eighty-five percent (85%) of the population of Litigating Subdivisions shall not be eligible for any portion of Incentive Payment B.

c. In determining the amount that Settling Distributors will pay in a Payment Year under Incentive Payment B and each Settling State's share of Incentive Payment B for that Payment Year, the Settlement Fund Administrator shall: (i) identify all States that are eligible for Incentive Payment B because they are ineligible for Incentive Payment A; (ii) determine the Incentive Payment B eligibility percentage for each such Settling State; (iii) multiply the Incentive Payment B eligibility percentage for each such State by the Overall Allocation Percentage of that State; (iv) multiply the product from (iii) by the maximum amount that Settling Distributors could owe under Incentive Payment B for that Payment Year from Exhibit M. The amount calculated in (iv) shall be the amount allocated to a Settling State eligible for Incentive Payment B for that Payment Year, and the aggregate of such amounts for Settling States eligible for Incentive Payment B shall be the amount paid for that Payment Year by Settling Distributors with respect to Incentive Payment B, all such amounts subject to the suspension, offset, and reduction provisions in Section XII and Section XIII. If there are no Litigating Subdivisions in a Settling State, and that Settling State is otherwise eligible for Incentive Payment B, that Settling State will receive its full allocable share of Incentive Payment B.

d. A Settling State's eligibility for Incentive Payment B for a Payment Year shall be determined as of sixty (60) calendar days prior to the Payment Date for that Payment Year; *provided* that the percentage of Incentive Payment B for which a Settling State is eligible as of the Incentive Payment Final Eligibility Date shall cap its eligibility for that Payment Year and all subsequent Payment Years.

3. Incentive Payment C. Incentive Payment C shall be available to Settling States that are not eligible for Incentive Payment A for a Payment Year, including to Settling States that are also eligible for Incentive Payment B. Incentive Payment C shall be equal to up to fifteen percent (15%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the Settling States. Incentive Payment C will be due to a Settling State as part of the Annual Payment in each of the eighteen (18) Payment Years that a Settling State is eligible for Incentive Payment C and equal a total potential maximum of $2,783,102,054 if all States are eligible for all eighteen (18) Payment Years. Each Settling State's maximum share of Incentive Payment C in a given year shall equal the total maximum amount available for Incentive Payment C for that year as reflected in Exhibit M multiplied by the Settling State's Overall Allocation Percentage. Eligibility for Incentive Payment C is as follows:

a. A Settling State is not eligible for Incentive Payment C for a Payment Year in which it is eligible for Incentive Payment A.

b. Subject to Section IV.F.3.a, the amount of Incentive Payment C for which a Settling State is eligible in a Payment Year shall be a percentage of the State's maximum share of Incentive Payment C based on the extent to which (A) Non-Litigating Subdivisions that are Primary Subdivisions with a population

over 30,000 and Litigating Subdivisions in the State are Participating Subdivisions or (B) there is a Case-Specific Resolution against Non-Litigating Subdivisions that are Primary Subdivisions with a population over 30,000 and Litigating Subdivisions in the State, collectively, "*Incentive C Eligible Subdivisions*." The percentage of the State's maximum share of Incentive Payment C that the State is eligible for in a Payment Year shall be determined according to the table below:

Percentage of Relevant Subdivision Population that is Incentive C Eligible Population[6]	**Incentive Payment C Eligibility Percentage**
Up to 60%	0%
60%+	25%
70%+	35%
75%+	40%
80%+	45%
85%+	55%
90%+	60%
93%+	65%
94%+	75%
95+	90%
98+	95%
100%	100%

c. In determining the amount that Settling Distributors will pay in a Payment Year under Incentive Payment C and each Settling State's share of Incentive Payment C for that Payment Year, the Settlement Fund Administrator shall: (i) identify all States that are eligible for Incentive Payment C because they are ineligible for Incentive Payment A; (ii) determine the Incentive Payment C eligibility percentage for each such Settling State; (iii) multiply the Incentive Payment C eligibility percentage for each such State by the Overall Allocation Percentage of that State; (iv) multiply the product from (iii) by the maximum

[6] The "Percentage of Relevant Subdivision Population that is Incentive C Eligible Population" shall be determined by the aggregate population of the Settling State's Incentive C Eligible Subdivisions divided by the aggregate population of the Settling State's Non-Litigating Primary Subdivisions with a population over 30,000 and Litigating Subdivisions ("*Incentive Payment C Subdivisions*"). None of the population figures shall include Prior Litigating Subdivisions. In calculating the Settling State's population that resides in Incentive Payment C Subdivisions, (a) the population shall be the sum of the population of all Incentive Payment C Subdivisions in the Settling State, notwithstanding that persons may be included within the population of more than one Incentive Payment C Subdivision, and (b) the population that resides in Incentive C Eligible Subdivisions shall be the sum of the population of the Incentive C Eligible Subdivisions, notwithstanding that persons may be included within the population of more than one Incentive C Eligible Subdivision. An individual Incentive Payment C Subdivision shall not be included more than once in the numerator, and shall not be included more than once in the denominator, of the calculation regardless if it (or any of its officials) is named as multiple plaintiffs in the same lawsuit. For the avoidance of doubt, a Settling State in which the population that resides in Incentive C Eligible Subdivisions is less than sixty percent (60%) of the population of Incentive Payment C Subdivisions shall not be eligible for any portion of Incentive Payment C.

amount that Settling Distributors could owe under Incentive Payment C for that Payment Year from Exhibit M. The amount calculated in (iv) shall be the amount allocated to a Settling State eligible for Incentive Payment C for that Payment Year and the aggregate of such amounts for Settling States eligible for Incentive Payment C shall be the amount paid for that Payment Year by Settling Distributors with respect to Incentive Payment C, all such amounts subject to the suspension, offset, and reduction provisions in Section XII and Section XIII. If there are no Litigating Subdivisions or Non-Litigating Subdivisions that are Primary Subdivisions with a population of more than 30,000 in a Settling State, and that Settling State is otherwise eligible for Incentive Payment C, that Settling State will receive its full allocable share of Incentive Payment C.

d. A Settling State's eligibility for Incentive Payment C for a Payment Year shall be determined as of sixty (60) calendar days prior to the Payment Date for that Payment Year; *provided* that the percentage of Incentive Payment C for which a Settling State is eligible as of the Incentive Payment Final Eligibility Date shall cap its eligibility for that Payment Year and all subsequent Payment Years.

4. Incentive Payment D. Incentive Payment D shall be applied at Payment Year 6. Incentive Payment D shall be equal to five percent (5%) of the Net Abatement Amount multiplied by the aggregate Overall Allocation Percentage of the Settling States. Incentive Payment D will be due to a Settling State as part of the Annual Payment for each of thirteen (13) Payment Years (from Payment Year 6 to Payment Year 18) that any Settling State is eligible for Incentive Payment D and equal a total potential maximum of $927,700,685 if all States are eligible for all thirteen (13) Payment Years. Each Settling State's share of Incentive Payment D in a given year shall equal the total maximum amount available for Incentive Payment D for that year as reflected in Exhibit M times the Settling State's Overall Allocation Percentage. Eligibility for Incentive Payment D is as follows:

a. A Settling State is eligible for Incentive Payment D if there has been no Later Litigating Subdivision in that State that has had a Claim against a Released Entity survive more than six (6) months after denial in whole or in part of a Threshold Motion.

b. A Settling State's eligibility for Incentive Payment D shall be determined as of sixty (60) calendar days prior to the Payment Date. If a Later Litigating Subdivision's lawsuit in that State survives more than six (6) months after denial in whole or in part of a Threshold Motion after that date, that State shall not be eligible for Incentive Payment D for the Payment Year in which that occurs and any subsequent Payment Year.

c. Notwithstanding Section IV.F.4, a Settling State can become re-eligible for Incentive Payment D if the lawsuit that survived a Threshold Motion is dismissed pursuant to a later motion on grounds included in the Threshold Motion, in which case the Settling State shall be eligible for Incentive Payment D

less any litigation fees and costs incurred by Settling Distributor in the interim, except that if the dismissal motion occurs after the completion of opening statements in such action, the Settling State shall not be eligible for Incentive Payment D.

d. For the avoidance of doubt, a Settling State may be eligible for Incentive Payment D whether or not it is eligible for Incentive Payments A-C.

e. In determining the amount of Incentive Payment D that Settling Distributors will pay in a Payment Year and each Settling State's share, if any, of Incentive Payment D for that Payment Year, the Settlement Fund Administrator shall: (i) identify all Settling States that are eligible for Incentive Payment D; (ii) multiply the Overall Allocation Percentage for each such eligible Settling State by the maximum amount that Settling Distributors could owe with respect to Incentive Payment D for that Payment Year listed on Exhibit M; and (iii) subtract any litigation fees and costs allowed to be deducted pursuant to Section IV.F.4.c. The amount calculated in (iii) shall be the amount allocated to a Settling State eligible for Incentive Payment D for that Payment Year and the aggregate of each such amount for Settling States eligible for Incentive Payment D shall be the amount of Incentive Payment D Settling Distributors are obligated to pay in that Payment Year, all such amounts subject to the suspension, reduction, and offset provisions in Section XII and Section XIII.

G. *Reductions/Offsets.* The base and incentive payments are subject to suspension, offset, and reduction as provided in Section XII and Section XIII.

H. *State-Specific Agreements*. Notwithstanding any other provision of this Agreement or any other agreement, in the event that: (1) the Settling Distributors enter into an agreement with any Settling State that resolves with finality such Settling State's Claims consistent with Section XI of this Agreement and such agreement has an effective date prior to the Effective Date of this Agreement (such agreement, a "*State-Specific Agreement*") and (2) pursuant to the terms of the State-Specific Agreement, any payments, or any portion thereof, made by the Settling Distributors thereunder are made in lieu of any payments (for the avoidance of doubt, including the Additional Restitution Amount), or any portion thereof, to be made under this Agreement and the Settling Distributors make such a payment pursuant to the State-Specific Agreement, then the Settling Distributors will reduce any payments allocable to such Settling State (whether made to the Settlement Fund Escrow or the Settlement Fund) made pursuant to this Agreement to the extent such amount was already paid pursuant to the terms of the State-Specific Agreement.

I. *Allocation of Payments among Settling Distributors.* Payments due from the Settling Distributors under this Section IV, Section IX, and Section X will be allocated among the Settling Distributors as follows: McKesson – 38.1%; Amerisource – 31.0%; Cardinal – 30.9%. A Settling Distributor's sole responsibility for payments under this Agreement shall be to make its share of each payment. The obligations of the Settling Distributors in this Agreement are several and not joint. No Settling Distributor shall be responsible for any portion of another Settling Distributor's share.

J. *Pre-payment Option.*

1. Any Settling Distributor shall have the right, subject to the limitations set forth in Section IV.J.3, to prepay any base payment or incentive payment in whole or in part, without premium or penalty (a "*Settlement Prepayment*") by providing at least fourteen (14) calendar days prior written notice to the Settlement Fund Administrator and Enforcement Committee (a "*Prepayment Notice*"). Any Prepayment Notice shall specify: (a) the gross amount of the Settlement Prepayment (the "*Gross Settlement Amount*"), (b) the manner in which such Settlement Prepayment shall be applied to reduce such Settling Distributor's future share of Annual Payments (*i.e.*, to which future year(s) the allocable portion of an Annual Payment owed by such Settling Distributor the Settlement Prepayment should be applied) (such manner of application, a "*Settlement Prepayment Reduction Schedule*"), (c) the net present value of the Settlement Prepayment as of the Prepayment Date based on the Settlement Prepayment Reduction Schedule using a discount rate equal to the prime rate as published by the *Wall Street Journal* on the date of the Prepayment Notice plus 1.75% (such net present value amount, the "*Net Settlement Prepayment Amount*"), and (d) the date on which the prepayment will be made, which shall be no more than fifteen (15) calendar days after the date of the Prepayment Notice (the "*Prepayment Date*").

2. On the Prepayment Date the Settling Distributor shall pay the Net Settlement Prepayment Amount to the Settlement Fund and such amount shall be used only as specified in Section V. Following such payment, all future portions of the Annual Payments allocated to the applicable Settling Distributor under Section IV.E and Section IV.F shall be reduced pursuant to the Settlement Prepayment Reduction Schedule, and the Exhibit M will be updated to give effect to such reduction, and going forward such updated schedule will be Exhibit M.

3. A Settling Distributor's right to make prepayments shall be subject to the following limitations:

a. Prepayments may apply to base payments or to both base and incentive payments. If the prepayment applies to both base and incentive payments, the prepayments will apply proportionately across base and incentive payments.

b. A Settling Distributor shall make no more than three (3) prepayments over the eighteen (18) year payment term. A Settling Distributor shall not make more than one (1) prepayment in a five (5) year period and there shall not be prepayments made in the first two (2) Payment Years.

c. Prepayments shall only be applied to one (1) or more of the three (3) Payment Years following the prepayment.

d. The total amount of a prepayment of base payments after discounting calculations shall not be larger than the base payment for the Payment Year with the lowest Annual Payment amount affected by the prepayment. The

total amount of a prepayment for both base payments and incentive payments shall not be larger than the base payment and anticipated incentive payment for the lowest Payment Year affected by the prepayment. The "anticipated incentive payment" for a future Payment Year shall reflect the incentives earned by each Settling State as of the time of the prepayment and any offsets or adjustments known at that time.

e. In a Payment Year against which there has been a prepayment, if the amount a Settling State is calculated to receive is greater than the amount prepaid prior to discounting calculations, the Settling Distributor shall pay the difference. If, in a Payment Year for which there has been a prepayment, the amount that a Settling State is calculated to receive is less than the amount calculated at the time of the prepayment, there shall be a credit for the difference to the Settling Distributor to be applied in the subsequent Payment Year(s), if any.

f. Prepayments shall be applied proportionately to all Settling States.

4. The Settling States may agree to a prepayment that does not apply these restrictions. Such a prepayment would need approval of Settling States representing at least ninety-five percent (95%) allocable share as measured by the allocations in Exhibit F; *provided, however*, that this provision does not limit or restrict any Settling State from negotiating its own prepayment with a Settling Distributor.

5. For illustrative purposes only, attached as Exhibit Q are examples showing a Settlement Prepayment, the related calculation of the Net Settlement Prepayment Amount, and the related adjustment to the Settlement Payment Schedule.

K. *Significant Financial Constraint.*

1. A Settling Distributor's allocable share of the Annual Payment for a Payment Year may, at the election of such Settling Distributor, be deferred either (a) up to the amount by which that share plus such Settling Distributor's share of amounts payable under Section IX and Section X would exceed twenty percent (20%) of such Settling Distributor's total operating cash flow (as determined pursuant to United States generally accepted accounting principles) for its fiscal year that concluded most recently prior to the due date for that payment or (b) (i) up to twenty-five percent (25%) if, as of thirty (30) calendar days preceding that payment date, the company's credit rating from one or more of the three nationally recognized rating agencies is below BBB or Baa2 or (ii) up to one hundred percent (100%) if, as of thirty (30) calendar days preceding that payment date, the company's credit rating from one or more of the three nationally recognized rating agencies is below BBB- or Baa3. If the reason for exceeding twenty percent (20%) of a Settling Distributor's total operating cash flow or the decrease in credit rating is substantially attributable to the incurrence of debt to fund post-settlement acquisitions or to the payment of dividends and/or share repurchases that together are of an amount that exceeds the total amount of those two items for the prior fiscal year, no deferral is available. A Settling Distributor shall not be allowed to defer payment for a

Payment Year if that Settling Distributor engaged in any share repurchases in the three fiscal quarters prior to the Payment Date for that Payment Year.

2. If a Settling Distributor has reason to believe that it will not be able to pay some or all of its allocable share of the Annual Payment for a Payment Year, it shall provide at least ninety (90) calendar days' prior written notice to the Settlement Fund Administrator and Enforcement Committee (a "*Deferred Payment Notice*"). Any Deferred Payment Notice shall specify and include: (a) the gross amount of the payments owed (including the estimated allocable portion of the Annual Payment, and amounts owed under Section IX and Section X, by the relevant Settling Distributor), (b) the amount that the Settling Distributor believes it will be unable to pay, (c) the accounting and audited financial documents upon which the Settling Distributor relied for making this determination, and (d) any other relevant information for the Enforcement Committee to consider.

3. A Settling Distributor shall not utilize this provision during the first three (3) Payment Years. If a Settling Distributor defers some or all of the payments due in a Payment Year pursuant to this Section IV.K, it shall not repurchase any shares, or fund new acquisitions with an acquisition price greater than $250 million, during the deferral period until the deferred amount is fully repaid with interest. Any amounts deferred shall bear interest at an interest rate equal to the prime rate as published by the *Wall Street Journal* on the date of the Deferral Payment Notice plus 0.5%.

4. The Settling Distributor shall pay all deferred amounts, including applicable interest on the next Payment Date. If the amounts previously deferred (including interest) together with the Settling Distributor's share of all payments due for a Payment Year would allow for a deferral under Section IV.K.1, the Settling Distributor shall pay as much of the previously deferred amounts (including interest) as it can pay without triggering the ability to defer payment and may defer the remainder as permitted under (and subject to the restrictions of) this Section IV.K.

5. Deferrals will apply proportionally across base payments and incentive payments. For the avoidance of doubt, this Section IV.K applies fully to Payment Years after the first three (3) Payment Years, including the base payments and all incentive payments due pursuant to this Agreement during the Payment Year at issue.

6. If a Settling Distributor could pay a portion of its allocable share of the Annual Payments due pursuant to this Agreement during a Payment Year without triggering this Section IV.K, the Settling Distributor shall be required to pay that portion as scheduled and only the excess would be subject to deferral at the election of the Settling Distributor (in whole or in part) as provided herein.

7. The Settling Distributor shall pay any deferred amounts, including applicable interest on or before the date on which the payment is due for Payment Year 18.

V. Allocation and Use of Settlement Payments

A. *Components of Settlement Fund*. The Settlement Fund shall be comprised of an Abatement Accounts Fund, a State Fund, and a Subdivision Fund for each Settling State. The payments made under Section IV into the Settlement Fund shall be initially allocated among those three (3) sub-funds and distributed and used as provided below. Payments placed into the Settlement Fund do not revert back to the Settling Distributors.

B. *Use of Settlement Payments.*

1. It is the intent of the Parties that the payments disbursed from the Settlement Fund to Settling States and Participating Subdivisions be for Opioid Remediation, subject to exceptions that must be documented in accordance with Section V.B.2. In no event may less than eighty-five percent (85%) of the Settling Distributors' maximum amount of payments pursuant to Section IV, Section IX, and Section X as set forth on Exhibit M over the entirety of all Payments Years (but not any single Payment Year) be spent on Opioid Remediation.

2. While disfavored by the Parties, a Settling State or a Participating Subdivision set forth on Exhibit G may use monies from the Settlement Fund (that have not been restricted by this Agreement solely to future Opioid Remediation) for purposes that do not qualify as Opioid Remediation. If, at any time, a Settling State or a Participating Subdivision set forth on Exhibit G uses any monies from the Settlement Fund for a purpose that does not qualify as Opioid Remediation, such Settling State or Participating Subdivision set forth on Exhibit G shall identify such amounts and report to the Settlement Fund Administrator and the Settling Distributors how such funds were used, including if used to pay attorneys' fees, investigation costs, litigation costs, or costs related to the operation and enforcement of this Agreement, respectively. It is the intent of the Parties that the reporting under this Section V.B.2 shall be available to the public. For the avoidance of doubt, (a) any amounts not identified under this Section V.B.2 as used to pay attorneys' fees, investigation costs, or litigation costs shall be included in the "*Compensatory Restitution Amount*" for purposes of Section VI.F and (b) Participating Subdivisions not listed on Exhibit G may only use monies from the Settlement Fund for purposes that qualify as Opioid Remediation.

C. *Allocation of Settlement Fund.*

The allocation of the Settlement Fund allows for different approaches to be taken in different states, such as through a State-Subdivision Agreement. Given the uniqueness of States and their Subdivisions, Settling States and their Subdivisions are encouraged to enter into State-Subdivision Agreements in order to direct the allocation of their portion of the Settlement Fund. As set out below, the Settlement Fund Administrator will make an initial allocation to three (3) state-level sub-funds. The Settlement Fund Administrator will then, for each Settling State and its Participating Subdivisions, apply the terms of this Agreement and any relevant State-Subdivision Agreement, Statutory Trust, Allocation Statute, or voluntary redistribution of funds as set out below before disbursing the funds.

1. Base Payments. The Settlement Fund Administrator will allocate base payments under Section IV.D among the Settling States in proportion to their respective Overall Allocation Percentages. Base payments for each Settling State will then be allocated fifteen percent (15%) to its State Fund, seventy percent (70%) to its Abatement Accounts Fund, and fifteen percent (15%) to its Subdivision Fund. Amounts may be reallocated and will be distributed as provided in Section V.D.

2. Incentive Payments. The Settlement Fund Administrator will treat incentive payments under Section IV.F on a State-specific basis. Incentive payments for which a Settling State is eligible under Section IV.F will be allocated fifteen percent (15%) to its State Fund, seventy percent (70%) to its Abatement Accounts Fund, and fifteen percent (15%) to its Subdivision Fund. Amounts may be reallocated and will be distributed as provided in Section V.D.

3. Application of Adjustments. If a suspension, offset, or reduction under Section XII or Section XIII applies with respect to a Settling State, the suspension, offset, or reduction shall be applied proportionally to all amounts that would otherwise be apportioned and distributed to the State Fund, the Abatement Accounts Fund, and the Subdivision Fund for that State.

4. Settlement Fund Administrator. Prior to the Initial Participation Date, the Settling Distributors and the Enforcement Committee will agree to a detailed mechanism consistent with the foregoing for the Settlement Fund Administrator to follow in allocating, apportioning, and distributing payments, which shall then be appended hereto as Exhibit L.

5. Settlement Fund Administrator Costs. Any costs and fees associated with or arising out of the duties of the Settlement Fund Administrator as described in Exhibit L shall be paid from the interest accrued in the Settlement Fund Escrow and the Settlement Fund; *provided*, *however*, that if such accrued interest is insufficient to pay the entirety of any such costs and fees, Settling Distributors shall pay fifty percent (50%) of the additional amount and fifty percent (50%) shall be paid out of the Settlement Fund.

D. *Settlement Fund Reallocation and Distribution*.

As set forth below, within a particular Settling State's account, amounts contained in the Settlement Fund sub-funds may be reallocated and distributed per a State-Subdivision Agreement or other means. If the apportionment of amounts is not addressed and controlled under Section V.D.1 and Section V.D.2, then the default provisions of Section V.D.4 apply. It is not necessary that a State-Subdivision Agreement or other means of allocating funds pursuant to Section V.D.1 and Section V.D.2 address all of the Settlement Fund sub-funds. For example, a Statutory Trust might only address disbursements from a Settling State's Abatement Accounts Fund.

1. Distribution by State-Subdivision Agreement. If a Settling State has a State-Subdivision Agreement, amounts apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under Section V.C shall be reallocated and

distributed as provided by that agreement. Any State-Subdivision Agreement entered into after the Preliminary Agreement Date shall be applied only if it requires: (a) that all amounts be used for Opioid Remediation, except as allowed by Section V.B.2, and (b) that at least seventy percent (70%) of amounts be used solely for future Opioid Remediation.[7] For a State-Subdivision Agreement to be applied to the relevant portion of an Annual Payment, notice must be provided to the Settling Distributors and the Settlement Fund Administrator at least sixty (60) calendar days prior to the Payment Date.

2. Distribution by Allocation Statute. If a Settling State has an Allocation Statute and/or a Statutory Trust that addresses allocation or distribution of amounts apportioned to such State's State Fund, Abatement Accounts Fund, and/or Subdivision Fund and that, to the extent any or all such sub-funds are addressed, requires (1) all amounts to be used for Opioid Remediation, except as allowed by Section V.B.2, and (2) at least seventy percent (70%) of all amounts to be used solely for future Opioid Remediation,[8] then, to the extent allocation or distribution is addressed, the amounts apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under Section V.C shall be allocated and distributed as addressed and provided by the applicable Allocation Statute or Statutory Trust. For the avoidance of doubt, an Allocation Statute or Statutory Trust need not address all three (3) sub-funds that comprise the Settlement Fund, and if the applicable Allocation Statute or Statutory Trust does not address distribution of all or some of these three (3) sub-funds, the applicable Allocation Statute or Statutory Trust does not replace the default provisions described in Section V.D.4 of any such unaddressed fund. For example, if an Allocation Statute or Statutory Trust that meets the requirements of this Section V.D.2 only addresses funds restricted to abatement, then the default provisions in this Agreement concerning allocation among the three (3) sub-funds comprising the Settlement Fund and the distribution of the State Fund and Subdivision Fund for that State would still apply, while the distribution of the applicable State's Abatement Accounts Fund would be governed by the qualifying Allocation Statute or Statutory Trust.

3. Voluntary Redistribution. A Settling State may choose to reallocate all or a portion of its State Fund to its Abatement Accounts Fund. A Participating Subdivision included on Exhibit G may choose to reallocate all or a portion of its allocation from the Subdivision Fund to the State's Abatement Accounts Fund or to another Participating Subdivision. For a voluntary redistribution to be applied to the relevant portion of an Annual Payment, notice must be provided to the Settling Distributors and the Settlement Fund Administrator at least sixty (60) calendar days prior to the Payment Date.

4. Distribution in the Absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. If Section V.D.1 and Section V.D.2 do not apply, amounts

[7] Future Opioid Remediation includes amounts paid to satisfy any future demand by another governmental entity to make a required reimbursement in connection with the past care and treatment of a person related to the Alleged Harms.

[8] Future Opioid Remediation includes amounts paid to satisfy any future demand by another governmental entity to make a required reimbursement in connection with the past care and treatment of a person related to the Alleged Harms.

apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under Section V.C shall be distributed as follows:

a. Amounts apportioned to that State's State Fund shall be distributed to that State.

b. Amounts apportioned to that State's Abatement Accounts Fund shall be distributed consistent with Section V.E. Each Settling State shall submit to the Settlement Fund Administrator a designation of a lead state agency or other entity to serve as the single point of contact for that Settling State's funding requests from the Abatement Accounts Fund and other communications with the Settlement Fund Administrator. The designation of an individual entity is for administrative purposes only and such designation shall not limit funding to such entity or even require that such entity receive funds from this Agreement. The designated entity shall be the only entity authorized to request funds from the Settlement Fund Administrator to be disbursed from that Settling State's Abatement Accounts Fund. If a Settling State has established a Statutory Trust then that Settling State's single point of contact may direct the Settlement Fund Administrator to release the State's Abatement Accounts Fund to the Statutory Trust.

c. Amounts apportioned to that State's Subdivision Fund shall be distributed to Participating Subdivisions in that State included on Exhibit G per the Subdivision Allocation Percentage listed in Exhibit G. Section VII.I shall govern amounts that would otherwise be distributed to Non-Participating Subdivisions listed in Exhibit G. For the avoidance of doubt and notwithstanding any other provision in this Agreement, no Non-Participating Subdivision will receive any amount from the Settlement Fund, regardless of whether such Subdivision is included on Exhibit G.

d. Special Districts shall not be allocated funds from the Subdivision Fund, except through a voluntary redistribution allowed by Section V.D.3. A Settling State may allocate funds from its State Fund or Abatement Accounts Fund for Special Districts.

5. Restrictions on Distribution. No amounts may be distributed from the Subdivision Fund contrary to Section VII, *i.e.*, no amounts may be distributed directly to Non-Participating Subdivisions or to Later Participating Subdivisions to the extent such a distribution would violate Section VII.E through Section VII.H. Amounts allocated to the Subdivision Fund that cannot be distributed by virtue of the preceding sentence shall be distributed into the sub-account in the Abatement Accounts Fund for the Settling State in which the Subdivision is located, unless those payments are redirected elsewhere by a State-Subdivision Agreement described in Section V.D.1 or by an Allocation Statute or a Statutory Trust described in Section V.D.2.

E. *Provisions Regarding the Abatement Accounts Fund.*

1. State-Subdivision Agreement, Allocation Statute, and Statutory Trust Fund Provisions. A State-Subdivision Agreement, Allocation Statute, or Statutory Trust may govern the operation and use of amounts in that State's Abatement Accounts Fund so long as it complies with the requirements of Section V.D.1 or Section V.D.2, as applicable, and all direct payments to Subdivisions comply with Section VII.E through Section VII.H.

2. Absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. In the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust that addresses distribution, the Abatement Accounts Fund will be used solely for future Opioid Remediation[9] and the following shall apply with respect to a Settling State:

a. *Regional Remediation.*

(i) At least fifty percent (50%) of distributions for remediation from a State's Abatement Accounts Fund shall be annually allocated and tracked to the regional level. A Settling State may allow the Advisory Committee established pursuant to Section V.E.2.d to define its regions and assign regional allocations percentages. Otherwise, a Settling State shall (A) define its initial regions, which shall consist of one (1) or more General Purpose Subdivisions and which shall be designated by the state agency with primary responsibility for substance abuse disorder services employing, to the maximum extent practical, existing regions established in that State for opioid abuse treatment or other public health purposes; (B) assign initial regional allocation percentages to the regions based on the Subdivision Allocation Percentages in Exhibit G and an assumption that all Subdivisions included on Exhibit G will become Participating Subdivisions.

(ii) This minimum regional expenditure percentage is calculated on the Settling State's initial Abatement Accounts Fund allocation and does not include any additional amounts a Settling State has directed to its Abatement Accounts Fund from its State Fund, or any other amounts directed to the fund. A Settling State may dedicate more than fifty percent (50%) of its Abatement Accounts Fund to the regional expenditure and may annually adjust the percentage of its Abatement Accounts Fund dedicated to regional expenditures as long as the percentage remains above the minimum amount.

(iii) The Settling State (A) has the authority to adjust the definition of the regions, and (B) may annually revise the percentages

[9] Future Opioid Remediation includes amounts paid to satisfy any future demand by another governmental entity to make a required reimbursement in connection with the past care and treatment of a person related to the Alleged Harms.

allocated to each region to reflect the number of General Purpose Subdivisions in each region that are Non-Participating Subdivisions.

b. *Subdivision Block Grants.* Certain Subdivisions shall be eligible to receive regional allocation funds in the form of a block grant for future Opioid Remediation. A Participating Subdivision eligible for block grants is a county or parish (or in the case of States that do not have counties or parishes that function as political subdivisions, a city) that (1) does not contain a Litigating Subdivision or a Later Litigating Subdivision for which it has the authority to end the litigation through a release, bar or other action, (2) either (i) has a population of 400,000 or more or (ii) in the case of California has a population of 750,000 or more, and (3) has funded or otherwise managed an established health care or treatment infrastructure (*e.g.*, health department or similar agency). Each Subdivision eligible to receive block grants shall be assigned its own region.

c. *Small States.* Notwithstanding the provisions of Section V.E.2.a, Settling States with populations under four (4) million that do not have existing regions described in Section V.E.2.a shall not be required to establish regions. However, such a Settling State that contains one (1) or more Subdivisions eligible for block grants under Section V.E.2.c shall be divided regionally so that each block-grant eligible Subdivision is a region and the remainder of the state is a region.

d. *Advisory Committee.* The Settling State shall designate an Opioid Settlement Remediation Advisory Committee (the "*Advisory Committee*") to provide input and recommendations regarding remediation spending from that Settling State's Abatement Accounts Fund. A Settling State may elect to use an existing advisory committee or similar entity (created outside of a State-Subdivision Agreement or Allocation Statute); *provided, however,* the Advisory Committee or similar entity shall meet the following requirements:

(i) Written guidelines that establish the formation and composition of the Advisory Committee, terms of service for members, contingency for removal or resignation of members, a schedule of meetings, and any other administrative details;

(ii) Composition that includes at least an equal number of local representatives as state representatives;

(iii) A process for receiving input from Subdivisions and other communities regarding how the opioid crisis is affecting their communities, their abatement needs, and proposals for abatement strategies and responses; and

(iv) A process by which Advisory Committee recommendations for expenditures for Opioid Remediation will be made to and considered by the appropriate state agencies.

3. Abatement Accounts Fund Reporting. The Settlement Fund Administrator shall track and assist in the report of remediation disbursements as agreed to among the Settling Distributors and the Enforcement Committee.

F. *Nature of Payment*. Each of the Settling Distributors, the Settling States, and the Participating Subdivisions acknowledges and agrees that notwithstanding anything to the contrary in this Agreement, including, but not limited to, the scope of the Released Claims:

1. It has entered into this Agreement to avoid the delay, expense, inconvenience, and uncertainty of further litigation;

2. (a) The Settling States and Participating Subdivisions sought compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) as damages for the Alleged Harms allegedly suffered by the Settling States and Participating Subdivisions; (b) the Compensatory Restitution Amount is no greater than the amount, in the aggregate, of the Alleged Harms allegedly suffered by the Settling States and Participating Subdivisions; and (c) the portion of the Compensatory Restitution Amount received by each Settling State or Participating Subdivision is no greater than the amount of the Alleged Harms allegedly suffered by such Settling State or Participating Subdivision;

3. The payment of the Compensatory Restitution Amount by the Settling Distributors constitutes, and is paid for, compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) for alleged damage or harm (as compensation for alleged damage or harm arising out of alleged bodily injury) allegedly caused by the Settling Distributors;

4. The Compensatory Restitution Amount is being paid as compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) in order to restore, in whole or in part, the Settling States and Participating Subdivisions to the same position or condition that they would be in had the Settling States and Participating Subdivisions not suffered the Alleged Harms; and

5. For the avoidance of doubt: (a) no portion of the Compensatory Restitution Amount represents reimbursement to any Settling State or Participating Subdivision or other person or entity for the costs of any investigation or litigation, (b) the entire Compensatory Restitution Amount is properly characterized as described in Section V.F, and (c) no portion of the Compensatory Restitution Amount constitutes disgorgement or is properly characterized as the payment of statutory or other fines, penalties, punitive damages, or other punitive assessments.

VI. Enforcement

A. *Enforceability*. This Agreement is enforceable only by the Settling States and the Settling Distributors; *provided, however*, that Released Entities may enforce Section XI and Participating Subdivisions listed on Exhibit G have the enforcement rights described in Section VI.D. Except to the extent allowed by the Injunctive Relief Terms, Settling States and Participating Subdivisions shall not have enforcement rights with respect to either the terms of

this Agreement that apply only to or in other States or any Consent Judgment entered into by another Settling State. Participating Subdivisions shall not have enforcement rights against the Settling Distributors with respect to this Agreement or any Consent Judgment except that Participating Subdivisions listed on Exhibit G shall have enforcement rights as set forth herein as to payments that would be allocated to the Subdivision Fund or Abatement Accounts Fund pursuant to Section V; *provided, however*, that each Settling State shall allow Participating Subdivisions in such Settling State to notify it of any perceived violations of this Agreement or the applicable Consent Judgment.

B. *Jurisdiction.* The Settling Distributors consent to the jurisdiction of the court in which each Settling State files its Consent Judgment, limited to resolution of disputes identified in Section VI.F.1 for resolution in that court.

C. *Specific Terms Dispute Resolution.*

1. Any dispute that is addressed by the provisions set forth in the Injunctive Relief Terms shall be resolved as provided therein.

2. In the event that Settling Distributors believe that the eight-five percent (85%) threshold established in Section V.B.1 is not being satisfied, any Party may request that the Settling Distributors and Enforcement Committee meet and confer regarding the use of funds to implement Section V.B.1. The completion of such meet-and-confer process is a precondition to further action regarding any such dispute. Further action concerning Section V.B.1 shall: (i) be limited to the Settling Distributors seeking to reduce their Annual Payments by no more than five percent (5%) of the difference between the actual amount of Opioid Remediation and the eighty-five percent (85%) threshold established in Section V.B.1; (ii) only reduce Annual Payments to those Settling States and their Participating Subdivisions that are below the eighty-five percent (85%) threshold established in Section V.B.1; and (iii) not reduce Annual Payments restricted to future Opioid Remediation.

D. *State-Subdivision Enforcement.*

1. A Subdivision shall not have enforcement rights against a Settling State in which it is located with respect to this Agreement or any Consent Judgment except that a Participating Subdivision listed on Exhibit G shall have enforcement rights (a) as provided for in a State-Subdivision Agreement, Allocation Statute, or Statutory Trust with respect to intrastate allocation or (b) in the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust, to allegations that (i) the Settling State's use of Abatement Accounts Fund monies were not used for uses similar to or in the nature of those uses contained in Exhibit E; or (ii) a Settling State failed to pay funds directly from the Abatement Accounts Fund to a Participating Subdivision eligible to receive a block grant pursuant to Section V.E.2.b.

2. A Settling State shall have enforcement rights against a Participating Subdivision located in its territory (a) as provided for in a State-Subdivision Agreement, Allocation Statute, or Statutory Trust; or (b) in the absence of a State-Subdivision

Agreement, Allocation Statute, or Statutory Trust, to allegations that the Participating Subdivisions' uses of Abatement Accounts Fund monies were not used for purposes similar to or in the nature of those uses contained in Exhibit E.

3. As between Settling States and Participating Subdivisions, the above rights are contractual in nature and nothing herein is intended to limit, restrict, change or alter any other existing rights under law.

E. *Subdivision Distributor Payment Enforcement.* A Participating Subdivision listed on Exhibit G shall have the same right as a Settling State pursuant to Section VI.F.2.a(v) to seek resolution regarding the failure by a Settling Distributor to make its allocable share of an Annual Payment in a Payment Year.

F. *Other Terms Regarding Dispute Resolution.*

1. Except to the extent provided by Section VI.C or Section VI.F.2, all disputes shall be resolved in either the court that entered the relevant Consent Judgment or, if no such Consent Judgment was entered, a state or territorial court with jurisdiction located wherever the seat of the relevant state government is located.

a. State court proceedings shall be governed by the rules and procedures of the relevant forum.

b. For the avoidance of doubt, disputes to be resolved in state court include, but are not limited to, the following:

(i) disputes concerning whether expenditures qualify as Opioid Remediation;

(ii) disputes between a Settling State and its Participating Subdivisions as provided by Section VI.D, except to the extent the State-Subdivision Agreement provides for other dispute resolution mechanisms. For the avoidance of doubt, disputes between a Settling State and any Participating Subdivision shall not be considered National Disputes;

(iii) whether this Agreement and relevant Consent Judgment are binding under state law;

(iv) the extent of the Attorney General's or other participating entity's authority under state law, including the extent of the authority to release claims;

(v) whether the definition of a Bar, a Case-Specific Resolution, Final Order, lead state agency as described in Section V.D.4.b, Later Litigating Subdivision, Litigating Subdivision, or Threshold Motion have been met; and

(vi) all other disputes not specifically identified in Section VI.C or Section VI.F.2.

c. Any Party may request that the National Arbitration Panel provide an interpretation of any provision of the settlement that is relevant to the state court determination, and the National Arbitration Panel shall make reasonable best efforts to supply such interpretation within the earlier of thirty (30) calendar days or the time period required by the state court proceedings. Any Party may submit that interpretation to the state court to the extent permitted by, and for such weight provided by, the state court's rules and procedures. If requested by a Party, the National Arbitration Panel shall request that its interpretation be accepted in the form of an *amicus curiae* brief, and any attorneys' fees and costs for preparing any such filing shall be paid for by the requesting Party.

2. National Disputes involving a Settling State, a Participating Subdivision that has enforcement rights pursuant to Section VI.A, and/or a Settling Distributor shall be resolved by the National Arbitration Panel.

a. National Disputes are disputes that are not addressed by Section VI.C, and which are exceptions to Section VI.F.1's presumption of resolution in state courts because they involve issues of interpretation of terms contained in this Agreement applicable to all Settling States without reference to a particular State's law. Disputes between a Settling State and any Participating Subdivision shall not be considered National Disputes. National Disputes are limited to the following:

(i) the amount of offset and/or credit attributable to Non-Settling States or the Tribal/W. Va. Subdivision Credit;

(ii) issues involving the scope and definition of Product;

(iii) interpretation and application of the terms "Covered Conduct," "Released Entities," and "Released Claims";

(iv) the allocation of payments among Settling Distributors as described in Section IV.I;

(v) the failure by a Settling Distributor to pay its allocable share of the Annual Payment or of the Additional Restitution Amount in a Payment Year, but for the avoidance of doubt, disputes between a Settling Distributor and a Settling State over the amounts owed only to that state that do not affect any other Settling State shall not be considered National Disputes;

(vi) the interpretation and application of the significant financial constraint provision in Section IV.K, including, without limitation, eligibility for and amount of deferrals for any given year, time for repayment, and compliance with restrictions during deferral term;

(vii) the interpretation and application of the prepayment provisions as described in Section IV.J;

(viii) the interpretation and application of any most-favored-nation provision in Section XIV.E;

(ix) questions regarding the performance and/or removal of the Settlement Fund Administrator;

(x) replacement of the Monitor, as provided in the Injunctive Relief Terms;

(xi) disputes involving liability of successor entities;

(xii) disputes that require a determination of the sufficiency of participation in order to qualify for Incentive Payments A, B, or C, as well as disputes over qualification for Participation Tiers;

(xiii) disputes involving a Releasor's compliance with, and the appropriate remedy under, Section XI.XI.B.I.A.3;

(xiv) disputes requiring the interpretation of Agreement terms that are national in scope or impact, which shall mean disputes requiring the interpretation of Agreement terms that (i) concretely affect four (4) or more Settling States; and (ii) do not turn on unique definitions and interpretations under state law; and

(xv) any dispute subject to resolution under Section VI.F.1 but for which all parties to the dispute agree to arbitration before the National Arbitration Panel under the provisions of this Section VI.F.2.

b. The National Arbitration Panel shall be comprised of three (3) arbitrators. One (1) arbitrator shall be chosen by the Settling Distributors, one (1) arbitrator shall be chosen by the Enforcement Committee with due input from Participating Subdivisions listed on Exhibit G, and the third arbitrator shall be agreed upon by the first two (2) arbitrators. The membership of the National Arbitration Panel is intended to remain constant throughout the term of this Agreement, but in the event that replacements are required, the retiring arbitrator shall be replaced by the party that selected him/her.

c. The National Arbitration Panel shall make reasonable best efforts to decide all matters within one hundred eighty (180) calendar days of filing, and in no event shall it take longer than one (1) year.

d. The National Arbitration Panel shall conduct all proceedings in a reasonably streamlined process consistent with an opportunity for the parties to be heard. Issues shall be resolved without the need for live witnesses where feasible,

and with a presumption in favor of remote participation to minimize the burdens on the parties.

e. To the extent allowed under state law, a Settling State, a Participating Subdivision that has enforcement rights pursuant to Section VI.A, and (at any party's request) the National Arbitration Panel may certify to an appropriate state court any question of state law. The National Arbitration Panel shall be bound by a final state court determination of such a certified question. The time period for the arbitration shall be tolled during the course of the certification process.

f. The arbitrators will give due deference to any authoritative interpretation of state law, including any declaratory judgment or similar relief obtained by a Settling State, a Participating Subdivision that has enforcement rights pursuant to Section VI.A, or Settling Distributor on a state law issue.

g. The decisions of the National Arbitration Panel shall be binding on Settling States, Participating Subdivisions, Settling Distributors, and the Settlement Fund Administrator. In any proceeding before the National Arbitration Panel involving a dispute between a Settling State and one or more Settling Distributors whose resolution could prejudice the rights of a Participating Subdivision(s) in that Settling State, such Participating Subdivision(s) shall be allowed to file a statement of view in the proceeding.

h. Nothing herein shall be construed so as to limit or otherwise restrict a State from seeking injunctive or other equitable relief in state court to protect the health, safety, or welfare of its citizens.

i. Each party shall bear its own costs in any arbitration or court proceeding arising under this Section VI. The costs for the arbitrators on the National Arbitration Panel shall be divided and paid equally by the disputing sides for each individual dispute, *e.g.*, a dispute between a Settling Distributor and Settling States/Participating Subdivisions shall be split fifty percent (50%) by the Settling Distributor and fifty percent (50%) by the Settling States/Participating Subdivisions that are parties to the dispute; a dispute between a Settling State and a Participating Subdivision shall be split fifty percent (50%) by the Settling State that is party to the dispute and fifty percent (50%) by any Participating Subdivisions that are parties to the dispute.

3. Prior to initiating an action to enforce pursuant to this Section VI.F, the complaining party must:

a. Provide written notice to the Enforcement Committee of its complaint, including the provision of the Consent Judgment and/or Agreement that the practice appears to violate, as well as the basis for its interpretation of the disputed provision. The Enforcement Committee shall establish a reasonable process and timeline for obtaining additional information from the involved

parties; *provided*, *however*, that the date the Enforcement Committee establishes for obtaining additional information from the parties shall not be more than forty-five (45) calendar days following the notice. The Enforcement Committee may advise the involved parties of its views on the complaint and/or seek to resolve the complaint informally.

b. Wait to commence any enforcement action until thirty (30) calendar days after the date that the Enforcement Committee establishes for obtaining additional information from the involved parties.

4. If the parties to a dispute cannot agree on the proper forum for resolution of the dispute under the provisions of Section VI.F.1 or Section VI.F.2, a committee comprising the Enforcement Committee and sufficient representatives of the Settling Distributors such that the members of the Enforcement Committee have a majority of one (1) member will determine the forum where the dispute will be initiated within twenty-eight (28) calendar days of receiving notification of the dispute relating to the proper forum. The forum identified by such committee shall be the sole forum for litigating the issue of which forum will hear the substantive dispute, and the committee's identification of such forum in the first instance shall not be entitled to deference by the forum selected.

G. *No Effect.* Nothing in this Agreement shall be interpreted to limit the Settling State's Civil Investigative Demand ("*CID*") or investigative subpoena authority, to the extent such authority exists under applicable state law and the CID or investigative subpoena is issued pursuant to such authority, and Settling Distributors reserve all of their rights in connection with a CID or investigative subpoena issued pursuant to such authority.

VII. Participation by Subdivisions

A. *Notice.* No later than fifteen (15) calendar days after the Preliminary Agreement Date, the Settling States, with the cooperation of the Settling Distributors, shall send individual written notice of the opportunity to participate in this Agreement and the requirements of participation to all Subdivisions in the Settling States that are (1) Litigating Subdivisions or (2) Non-Litigating Subdivisions listed on Exhibit G. The costs of the written notice to such Subdivisions shall be paid for by the Settling Distributors. The Settling States, with the cooperation of the Settling Distributors, may also provide general notice reasonably calculated to alert Non-Litigating Subdivisions in the Settling States to this Agreement, the opportunity to participate in it, and the requirements for participation. Such notice may include publication and other standard forms of notification, as well as notice to national state and county organizations such as the National Association of Counties and the National League of Cities. The notice will include that the deadline for becoming an Initial Participating Subdivision is the Initial Participation Date. Nothing contained herein shall preclude a Settling State from providing further notice to or otherwise contacting any of its Subdivisions about becoming a Participating Subdivision, including beginning any of the activities described in this paragraph prior to the Preliminary Agreement Date.

B. *Requirements for Becoming a Participating Subdivision—Non-Litigating Subdivisions.* A Non-Litigating Subdivision in a Settling State may become a Participating

Subdivision by returning an executed Subdivision Settlement Participation Form to the Settlement Fund Administrator specifying (1) that the Subdivision agrees to the terms of this Agreement pertaining to Subdivisions, (2) that the Subdivision releases all Released Claims against all Released Entities, (3) that the Subdivision agrees to use monies it receives, if any, from the Settlement Fund pursuant to the applicable requirements of Section V; *provided, however*, that Non-Litigating Subdivisions may only use monies originating from the Settlement Fund for purposes that qualify as Opioid Remediation, and (4) that the Subdivision submits to the jurisdiction of the court where the applicable Consent Judgment is filed for purposes limited to that court's role under this Agreement. The required Subdivision Settlement Participation Form is attached as Exhibit K.

C. *Requirements for Becoming a Participating Subdivision—Litigating Subdivisions/Later Litigating Subdivisions*. A Litigating Subdivision or Later Litigating Subdivision in a Settling State may become a Participating Subdivision by returning an executed Subdivision Settlement Participation Form to the Settlement Fund Administrator and upon prompt dismissal with prejudice of its lawsuit. A Settling State may require each Litigating Subdivision in that State to specify on the Subdivision Settlement Participation Form whether its counsel has waived any contingency fee contract with that Participating Subdivision and whether, if eligible, it intends to seek fees pursuant to Exhibit R. The Settlement Fund Administrator shall provide quarterly reports of this information to the parties organized by Settling State. A Litigating Subdivision or Later Litigating Subdivision may not become a Participating Subdivision after the completion of opening statements in a trial of the lawsuit it brought that includes a Released Claim against a Released Entity.

D. *Initial Participating Subdivisions*. A Subdivision qualifies as an Initial Participating Subdivision if it meets the applicable requirements for becoming a Participating Subdivision set forth in Section VII.B or Section VII.C by the Initial Participation Date. All Subdivision Settlement Participation Forms shall be held in escrow by the Settlement Fund Administrator until the Reference Date.

E. *Later Participating Subdivisions.* A Subdivision that is not an Initial Participating Subdivision may become a Later Participating Subdivision by meeting the applicable requirements for becoming a Participating Subdivision set forth in Section VII.B or Section VII.C after the Initial Participation Date and by agreeing to be subject to the terms of a State-Subdivision Agreement (if any) or any other structure adopted or applicable pursuant to Section V.D or Section V.E. The following provisions govern what a Later Participating Subdivision can receive (but do not apply to Initial Participating Subdivisions):

1. Except as provided in Section IV.C, a Later Participating Subdivision shall not receive any share of any Annual Payment due before it became a Participating Subdivision.

2. A Later Participating Subdivision that becomes a Participating Subdivision after July 15, 2022 shall receive seventy-five percent (75%) of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision prior to that date (unless the Later Participating Subdivision is subject to Section VII.E.3 or Section VII.E.4).

3. A Later Participating Subdivision that, after the Initial Participation Date, maintains a lawsuit for a Released Claim(s) against a Released Entity and has judgment entered against it on every such Claim before it became a Participating Subdivision (other than a consensual dismissal with prejudice) shall receive fifty percent (50%) of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision prior to such judgment; *provided, however*, that if the Subdivision appeals the judgment and the judgment is affirmed with finality before the Subdivision becomes a Participating Subdivision, the Subdivision shall not receive any share of any base payment or incentive payments.

4. A Later Participating Subdivision that becomes a Participating Subdivision while a Bar or Case-Specific Resolution involving a different Subdivision exists in its State shall receive twenty-five percent (25%) of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision without such Bar or Case-Specific Resolution.

F. *No Increase in Payments*. Amounts to be received by Later Participating Subdivisions shall not increase the payments due from the Settling Distributors.

G. *Ineligible Subdivisions*. Subdivisions in Non-Settling States and Prior Litigating Subdivisions are not eligible to be Participating Subdivisions.

H. *Non-Participating Subdivisions*. Non-Participating Subdivisions shall not directly receive any portion of any Annual Payment, including from the State Fund and direct distributions from the Abatement Accounts Fund; however, a Settling State may choose to fund future Opioid Remediation that indirectly benefits Non-Participating Subdivisions.

I. *Unpaid Allocations to Later Participating Subdivisions and Non-Participating Subdivisions*. Any base payment and incentive payments allocated pursuant to Section V.D to a Later Participating Subdivision or Non-Participating Subdivision that cannot be paid pursuant to this Section VII, including the amounts that remain unpaid after the reductions required by Section VII.E.2 through Section VII.E.4, will be allocated to the Abatement Accounts Fund for the Settling State in which the Subdivision is located, unless those payments are redirected elsewhere by a State-Subdivision Agreement or by a Statutory Trust.

VIII. Condition to Effectiveness of Agreement and Filing of Consent Judgment

A. *Determination to Proceed With Settlement.*

1. The Settling States shall confer with legal representatives of the Participating Subdivisions listed on Exhibit G and inform the Settling Distributors no later than fifteen (15) calendar days prior to the Reference Date whether there is sufficient participation to proceed with this Agreement. Within seven (7) calendar days of informing the Settling Distributors that there is sufficient participation to proceed, the Settling States will deliver all signatures and releases required by the Agreement to be provided by the Settling States to the Settling Distributors.

2. If the Settling States inform Settling Distributors that there is sufficient participation, the Settling Distributors will then determine on or before the Reference Date whether there is sufficient State participation and sufficient resolution of the Claims of the Litigating Subdivisions in the Settling States (through participation under Section VII, Case-Specific Resolution(s) and Bar(s)) to proceed with this Agreement. The determination shall be in the sole discretion of the Settling Distributors and may be based on any criteria or factors deemed relevant by the Settling Distributors.

B. *Notice by Settling Distributors*. On or before the Reference Date, the Settling Distributors shall inform the Settling States of their determination pursuant to Section VIII.A. If the Settling Distributors determine to proceed, the Parties will proceed to file the Consent Judgments and the obligations in the Subdivision Settlement Participation Forms will be effective and binding as of the Reference Date. If the Settling Distributors determine not to proceed, this Agreement will have no further effect, any amounts placed in escrow for Payment Year 1, including funds referenced in Section IV.C.1, Section IX, Section X, and Exhibit M, shall be returned to the Settling Distributors, and all releases (including those contained in Subdivision Settlement Participation Forms) and other commitments or obligations contained herein or in Subdivision Settlement Participation Forms will be void.

C. *Determination of the Participation Tier*.

1. On the Reference Date, *provided* that Settling Distributors determine to proceed with this Agreement, the Settlement Fund Administrator shall determine the Participation Tier. The criteria used to determine the Participation Tier are set forth in Exhibit H. Any disputes as to the determination of the Participation Tier shall be decided by the National Arbitration Panel.

2. The Participation Tier shall be redetermined by the Settlement Fund Administrator annually as of the Payment Date, beginning with Payment Year 3, pursuant to the criteria set forth in Exhibit H.

3. After Payment Year 6, the Participation Tier cannot move higher, unless this restriction is waived by the Settling Distributors.

4. In the event that a Participation Tier redetermination moves the Participation Tier higher, and that change is in whole or in part as a result of the post-Reference Date enactment of a Bar and there is later a Revocation Event with respect to such Bar, then on the next Payment Date that is at least one hundred eighty (180) calendar days after the Revocation Event, the Participation Tier shall move down to the Participation Tier that would have applied had the Bar never been enacted, unless the Bar is reinstated or all Subdivisions affected by the Revocation Event become Participating Subdivisions within one hundred eighty (180) calendar days of the Revocation Event. This is the sole circumstance in which, on a nationwide basis, the Participation Tier can move down.

5. In the event that there is a post-Reference Date Revocation Event with respect to a Bar that was enacted in a Settling State prior to the Reference Date, then, on

the next Payment Date that is at least one hundred eighty (180) calendar days after the Revocation Event, unless the Bar is reinstated or all Subdivisions affected by the Revocation Event become Participating Subdivisions within one hundred eighty (180) calendar days of the Revocation Event, the Participation Tier shall decrease – solely for the State in which the Revocation Event occurred – to the Participation Tier commensurate with the percentage of Litigating Subdivisions in that State that are Participating Subdivisions and the percentage of Non-Litigating Subdivisions that are both Primary Subdivisions and Participating Subdivisions, according to the criteria set forth in Exhibit G, except that the calculations shall be performed as to that State alone. For the avoidance of doubt and solely for the calculation in this subparagraph, the Settling States Column of Exhibit H shall play no role. This is the sole circumstance in which one Settling State will have a different Participation Tier than other Settling States.

6. The redetermination of the Participation Tier under Section VIII.C.2 shall not affect payments already made or suspensions, offsets, or reductions already applied.

IX. Additional Restitution

A. *Additional Restitution Amount.* Pursuant to the schedule set forth in Exhibit M and subject to the reduction specified in Section IX.B, the Settling Distributors shall pay an Additional Restitution Amount to the Settling States listed in Exhibit N. Such funds shall be paid, on the schedule set forth on Exhibit M, on the Payment Date for each relevant Payment Year to such Settling States as allocated by the Settlement Fund Administrator pursuant to Exhibit N.

B. *Reduction of Additional Restitution Amount.* In the event that any Non-Settling States appear on Exhibit N, the amounts owed by Settling Distributors pursuant to this Section IX shall be reduced by the allocations set forth on Exhibit N for any such Non-Settling States.

C. *Use of Funds.* All funds paid as an Additional Restitution Amount shall be part of the Compensatory Restitution Amount, shall be used for Opioid Remediation, except as allowed by Section V.B.2, and shall be governed by the same requirements as specified in Section V.F.

X. Plaintiffs' Attorneys' Fees and Costs

The Agreement on Attorneys' Fees, Expenses and Costs is set forth in Exhibit R and incorporated herein by reference. The Agreement on the State Outside Counsel Fee Fund and Agreement on the State Cost Fund Administration are set forth in Exhibit S and Exhibit T, respectively, and are incorporated herein by reference.

XI. Release

A. *Scope.* As of the Effective Date, the Released Entities are hereby released and forever discharged from all of the Releasors' Released Claims. Each Settling State (for itself and its Releasors) and Participating Subdivision hereby absolutely, unconditionally, and irrevocably covenants not to bring, file, or claim, or to cause, assist or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in

any forum whatsoever. The releases provided for in this Agreement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of each Settling State and its Attorney General to release claims. This Agreement shall be a complete bar to any Released Claim.

B. *Claim-Over and Non-Party Settlement*.

1. It is the intent of the Parties that:

a. Released Entities should not seek contribution or indemnification (other than pursuant to an insurance contract), from other parties for their payment obligations under this Agreement;

b. the payments made under this Agreement shall be the sole payments made by the Released Entities to the Releasors involving, arising out of, or related to Covered Conduct (or conduct that would be Covered Conduct if engaged in by a Released Entity);

c. Claims by Releasors against non-Parties should not result in additional payments by Released Entities, whether through contribution, indemnification or any other means; and

d. the Agreement meets the requirements of the Uniform Contribution Among Joint Tortfeasors Act and any similar state law or doctrine that reduces or discharges a released party's liability to any other parties.

The provisions of this Section XI.B are intended to be implemented consistent with these principles. This Agreement and the releases and dismissals provided for herein are made in good faith.

2. No Released Entity shall seek to recover for amounts paid under this Agreement based on indemnification, contribution, or any other theory from a manufacturer, pharmacy, hospital, pharmacy benefit manager, health insurer, third-party vendor, trade association, distributor, or health care practitioner; *provided* that a Released Entity shall be relieved of this prohibition with respect to any entity that asserts a Claim-Over against it. For the avoidance of doubt, nothing herein shall prohibit a Released Entity from recovering amounts owed pursuant to insurance contracts.

3. To the extent that, on or after the Reference Date, any Releasor enters into a Non-Party Settlement, including in any bankruptcy case or through any plan of reorganization (whether individually or as a class of creditors), the Releasor will include (or in the case of a Non-Party Settlement made in connection with a bankruptcy case, will cause the debtor to include), unless prohibited from doing so under applicable law, in the Non-Party Settlement a prohibition on contribution or indemnity of any kind substantially equivalent to that required from the Settling Distributors in Section XI.B.2, or a release from such Non-Released Entity in favor of the Released Entities (in a form equivalent to the releases contained in this Agreement) of any Claim-Over. The obligation to obtain

the prohibition and/or release required by this subsection is a material term of this Agreement.

4. In the event that any Releasor obtains a judgment with respect to Non-Party Covered Conduct against a Non-Released Entity that does not contain a prohibition like that described in Section XI.B.3, or any Releasor files a Non-Party Covered Conduct Claim against a Non-Released Entity in bankruptcy or a Releasor is prevented for any reason from obtaining a prohibition/release in a Non-Party Settlement as provided in Section XI.B.3, and such Non-Released Entity asserts a Claim-Over against a Released Entity, the Released Entity shall be relieved of the prohibition in Section XI.B.2 with respect to that Non-Released Entity and that Releasor and the Settling Distributors shall take the following actions to ensure that the Released Entities do not pay more with respect to Covered Conduct to Releasors or to Non-Released Entities than the amounts owed under this Settlement Agreement by the Settling Distributors:

a. Settling Distributors shall notify that Releasor of the Claim-Over within sixty (60) calendar days of the assertion of the Claim-Over or sixty (60) calendar days of the Effective Date of this Settlement Agreement, whichever is later;

b. Settling Distributors and that Releasor shall meet and confer concerning the means to hold Released Entities harmless and ensure that they are not required to pay more with respect to Covered Conduct than the amounts owed by Settling Distributors under this Agreement;

c. That Releasor and Settling Distributors shall take steps sufficient and permissible under the law of the State of the Releasor to hold Released Entities harmless from the Claim-Over and ensure Released Entities are not required to pay more with respect to Covered Conduct than the amounts owed by Settling Distributors under this Agreement. Such steps may include, where permissible:

(i) Filing of motions to dismiss or such other appropriate motion by Settling Distributors or Released Entities, and supported by Releasors, in response to any claim filed in litigation or arbitration;

(ii) Reduction of that Releasors' Claim and any judgment it has obtained or may obtain against such Non-Released Entity by whatever amount or percentage is necessary to extinguish such Claim-Over under applicable law, up to the amount that Releasor has obtained, may obtain, or has authority to control from such Non-Released Entity;

(iii) Placement into escrow of funds paid by the Non-Released Entities such that those funds are available to satisfy the Claim-Over;

(iv) Return of monies paid by Settling Distributors to that Releasor under this Settlement Agreement to permit satisfaction of a

judgment against or settlement with the Non-Released Entity to satisfy the Claim-Over;

(v) Payment of monies to Settling Distributors by that Releasor to ensure they are held harmless from such Claim-Over, up to the amount that Releasor has obtained, may obtain, or has authority to control from such Non-Released Entity;

(vi) Credit to the Settling Distributors under this Agreement to reduce the overall amounts to be paid under the Agreement such that they are held harmless from the Claim-Over; and

(vii) Such other actions as that Releasor and Settling Distributors may devise to hold Settling Distributors harmless from the Claim-Over.

d. The actions of that Releasor and Settling Distributors taken pursuant to paragraph (c) must, in combination, ensure Settling Distributors are not required to pay more with respect to Covered Conduct than the amounts owed by Settling Distributors under this Agreement.

e. In the event of any dispute over the sufficiency of the actions taken pursuant to paragraph (c), that Releasor and the Settling Distributors may seek review by the National Arbitration Panel, provided that, if the parties agree, such dispute may be heard by the state court where the relevant Consent Judgment was filed. The National Arbitration Panel shall have authority to require Releasors to implement a remedy that includes one or more of the actions specified in paragraph (c) sufficient to hold Released Entities fully harmless. In the event that the Panel's actions do not result in Released Entities being held fully harmless, Settling Distributors shall have a claim for breach of this Agreement by Releasors, with the remedy being payment of sufficient funds to hold Settling Distributors harmless from the Claim-Over. For the avoidance of doubt, the prior sentence does not limit or eliminate any other remedy that Settling Distributors may have.

5. To the extent that the Claim-Over is based on a contractual indemnity, the obligations under Section XI.B.4 shall extend solely to a Non-Party Covered Conduct Claim against a pharmacy, clinic, hospital or other purchaser or dispenser of Products, a manufacturer that sold Products, a consultant, and/or a pharmacy benefit manager or other third-party payor. Each Settling Distributor shall notify the Settling States, to the extent permitted by applicable law, in the event that any of these types of Non-Released Entity asserts a Claim-Over arising out of contractual indemnity against it.

C. *Indemnification and Contribution Prohibited.* No Released Entity shall seek to recover for amounts paid under this Agreement based on indemnification, contribution, or any other theory, from a manufacturer, pharmacy, hospital, pharmacy benefit manager, health insurer, third-party vendor, trade association, distributor, or health care practitioner. For the

avoidance of doubt, nothing herein shall prohibit a Released Entity from recovering amounts owed pursuant to insurance contracts.

D. *General Release*. In connection with the releases provided for in this Agreement, each Settling State (for itself and its Releasors) and Participating Subdivision expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any State or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent**. A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release and that if known by him or her, would have materially affected his or her settlement with the debtor or released party.

A Releasor may hereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Settling State (for itself and its Releasors) and Participating Subdivision hereby expressly waives and fully, finally, and forever settles, releases and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Settling States' decision to enter into this Agreement or the Participating Subdivisions' decision to participate in this Agreement.

E. *Assigned Interest Waiver*. To the extent that any Settling State has any direct or indirect interest in any rights of a third-party that is a debtor under the Bankruptcy Code as a result of a claim arising out of Covered Conduct by way of assignment or otherwise, including as a result of being the beneficiary of a trust or other distribution entity, to assert claims against a Settling Distributor (whether derivatively or otherwise), under any legal or equitable theory, including for indemnification, contribution, or subrogation, such Settling State waives the right to assert any such claim, or to receive a distribution or any benefit on account of such claim and such claim, distribution, or benefit shall be deemed assigned to such Settling Distributor.

F. *Res Judicata*. Nothing in this Agreement shall be deemed to reduce the scope of the res judicata or claim preclusive effect that the settlement memorialized in this Agreement, and/or any Consent Judgment or other judgment entered on this Agreement, gives rise to under applicable law.

G. *Representation and Warranty*. The signatories hereto on behalf of their respective Settling States expressly represent and warrant that they have (or have obtained, or will obtain no later than the Initial Participation Date) the authority to settle and release, to the maximum extent of the State's power, all Released Claims of (1) their respective Settling States, (2) all past and present executive departments, state agencies, divisions, boards, commissions and instrumentalities with the regulatory authority to enforce state and federal controlled substances acts, and (3) any of their respective Settling State's past and present executive departments, agencies, divisions, boards, commissions and instrumentalities that have the authority to bring Claims related to Covered Conduct seeking money (including abatement and/or remediation) or

revocation of a pharmaceutical distribution license. For the purposes of clause (3) above, executive departments, agencies, divisions, boards, commissions, and instrumentalities are those that are under the executive authority or direct control of the State's Governor. Also for the purposes of clause (3), a release from a State's Governor is sufficient to demonstrate that the appropriate releases have been obtained.

H. *Effectiveness*. The releases set forth in this Agreement shall not be impacted in any way by any dispute that exists, has existed, or may later exist between or among the Releasors. Nor shall such releases be impacted in any way by any current or future law, regulation, ordinance, or court or agency order limiting, seizing, or controlling the distribution or use of the Settlement Fund or any portion thereof, or by the enactment of future laws, or by any seizure of the Settlement Fund or any portion thereof.

I. *Cooperation*. Releasors (1) will not encourage any person or entity to bring or maintain any Released Claim against any Released Entity and (2) will reasonably cooperate with and not oppose any effort by Settling Distributors to secure the prompt dismissal of any and all Released Claims.

J. *Non-Released Claims.* Notwithstanding the foregoing or anything in the definition of Released Claims, this Agreement does not waive, release or limit any criminal liability, Claims for liability under tax law, Claims under securities law by a State Releasor as investor, Claims against parties who are not Released Entities, Claims by private individuals, and any claims arising under this Agreement for enforcement of this Agreement.

XII. Later Litigating Subdivisions

A. *Released Claims against Released Entities.* Subject to Section XII.B, the following shall apply in the event a Later Litigating Subdivision in a Settling State maintains a lawsuit for a Released Claim against a Released Entity after the Reference Date:

1. The Released Entity shall take ordinary and reasonable measures to defend the action, including filing a Threshold Motion with respect to the Released Claim. The Released Entity shall further notify the Settling State and Settlement Fund Administrator immediately upon notice of a Later Litigating Subdivision bringing a lawsuit for a Released Claim, and shall not oppose a Settling State's submission in support of the Threshold Motion.

2. The provisions of this Section XII.A.2 apply if the Later Litigating Subdivision is a Primary Subdivision (except as provided in Section XII.A.2.f):

a. If a lawsuit including a Released Claim survives until the Suspension Deadline for that lawsuit, the Settlement Fund Administrator shall calculate the Suspension Amount applicable to the next Payment due from the Settling Distributor(s) at issue and apportioned to the State of the Later Litigating Subdivision and to Subdivisions in that State; *provided*, *however*, that the Suspension Amount for a Payment Year cannot exceed the Suspension Cap. The Suspension Amount shall be paid into the Settlement Fund Escrow account. If the Suspension Amount exceeds the Suspension Cap for that Payment Year, then the

remaining amount will be paid into the Settlement Fund Escrow in the following Payment Year, subject to the Suspension Cap for that Payment Year, and so forth in each succeeding Payment Year until the entire Suspension Amount has been paid into the Settlement Fund Escrow or the Released Claim is resolved, as provided below, whichever comes first. A suspension does not apply during the pendency of any appeal dismissing the lawsuit for a Released Claim in whole.

b. If the Released Claim is resolved with finality without requirement of payment by the Released Entity, the placement of any remaining balance of the Suspension Amount into the Settlement Fund Escrow shall cease and the Settlement Fund Administrator shall immediately transfer amounts in the Settlement Fund Escrow on account of the suspension to the Settling State at issue and its Participating Subdivisions. The lawsuit will not cause further suspensions unless the Released Claim is reinstated upon further review, legislative action, or otherwise.

c. If the Released Claim is resolved with finality on terms requiring payment by the Released Entity, the Settlement Fund Administrator will transfer the amounts in the Settlement Fund Escrow on account of the suspension to the Settling Distributor(s) at issue necessary to satisfy the payment obligation of the Released Entity to the relevant Later Litigating Subdivision. If any balance remains in the Settlement Fund Escrow on account of the suspension after transfer of the amount necessary to satisfy the payment obligation, the Settlement Fund Administrator will immediately transfer the balance to the Settling State at issue and its Participating Subdivisions. If the payment obligation of the Released Entity to the relevant Later Litigating Subdivision exceeds the amounts in the Settlement Fund Escrow on account of the suspension, the Settling Distributor at issue shall receive a dollar-for-dollar offset, subject to the yearly Offset Cap, for the excess amount against its obligation to pay its allocable share of Annual Payments that would be apportioned to the Settling State at issue and to its Subdivisions. The offset shall be applied as follows: first against the Settling Distributor's allocable share of the Annual Payment due in Payment Year 18, up to the Offset Cap for that Payment Year, with any remaining amounts above the Offset Cap applied against the Settling Distributor's allocable share of the Annual Payment due in Payment Year 17, up to the Offset Cap for that Payment Year, and so forth for each preceding Payment Year until the entire amount to be offset has been applied or no future Payment Years remain.

d. If the lawsuit asserting a Released Claim is resolved with finality on terms requiring payment by the Released Entity, and the Released Claim did not give rise to a suspension of any Settling Distributor's portion of any Annual Payments (*e.g.*, because it was resolved during Payment Years 1 or 2, during which all Settling States are deemed eligible for Incentive Payment A and thus no suspension of payments took place, as provided by Section XII.B), the Settling Distributor at issue shall receive a dollar-for-dollar offset, subject to the yearly Offset Cap, for the amount paid. The offset shall be applied against the relevant Settling Distributor's allocable portion of the Annual Payments starting in

Payment Year 18 and working backwards as set forth in Section XII.A.2.c. If the lawsuit for a Released Claim is otherwise resolved by the Released Entity, without the Settling Distributor filing a Threshold Motion despite an opportunity to do so, and the Released Claim did not give rise to a suspension of any Settling Distributor's portion of any Annual Payments, the Settling Distributor at issue shall not receive any offset for the amount paid.

e. If more than one Primary Subdivision in a Settling State becomes a Later Litigating Subdivision, a single Suspension Cap applies and the total amounts deducted from the share of the Annual Payment allocated to the Settling State and its Participating Subdivisions in a given Payment Year cannot exceed the Suspension Cap. For the avoidance of doubt, an individual Primary Subdivision shall not trigger more than one suspension regardless if it (or any of its officials) is named as multiple plaintiffs in the same lawsuit.

f. This Section XII.A.2 shall not apply with respect to a Primary Subdivision that is either (i) a Later Litigating Subdivision under clause (3) of the definition of that term solely because a legislative Bar or legislative Case-Specific Resolution applicable as of the Reference Date is invalidated by judicial decision after the Reference Date or (ii) a Later Litigating Subdivision under clause (4) of the definition of that term. Such a Primary Subdivision shall be treated as a General Purpose Government under Section XII.A.3.

3. The terms of this Section XII.A.3 apply if a the Later Litigating Subdivision is not a Primary Subdivision (except for Primary Subdivisions referenced in Section XII.A.2.f) but is a General Purpose Government, School District, Health District or Hospital District: if the Released Claim is resolved with finality on terms requiring payment by the Released Entity, the Settling Distributor at issue shall receive a dollar-for-dollar offset, subject to the yearly Offset Cap, for the amount paid against its portion of the obligation to make Annual Payments that would be apportioned to the Settling State at issue and to its Subdivisions. The offset shall be applied as follows: first against the relevant Settling Distributor's allocable share of the Annual Payment due in Payment Year 18, up to the Offset Cap for that Payment Year, with any remaining amounts above the Offset Cap applied against the Payment due in Payment Year 17, up to the Offset Cap for that Payment Year, and so forth for each preceding Payment Year until the entire amount to be offset has been applied or no future Payment Year remains. If the Released Claim is resolved on terms requiring payment during the first two (2) Payment Years, in no case will any amounts be offset against the amounts due in Payment Years 1 and 2.

4. In no event shall the total of Suspension Amounts and offsets pursuant to this Section applicable to a Settling State in a Payment Year for that Payment Year exceed the Offset Cap for that State. If, in a Payment Year, the total of Suspension Amounts and offsets applicable to a Settling State exceeds the Offset Cap, the Suspension Amounts shall be reduced so that the total of Suspension Amounts and offsets equals the Offset Cap.

5. For the avoidance of doubt, any offset pursuant to this Section XII in a Settling State that is not eligible for Incentive Payment A shall continue to apply even if the Settling State at issue subsequently becomes eligible for Incentive Payment A.

6. "*Terms requiring payment*" shall mean (i) a final monetary judgment or (ii) a settlement; *provided* that the Released Entity sought the applicable State Attorney General's consent to the settlement and such consent was either obtained or unreasonably withheld. Should the judgment or settlement resolve claims that are not Released Claims, the offset shall be for the Released Claims portion only, which shall be distinguishable in the judgment or settlement.

B. *Exceptions.*

1. Section XII.A shall not apply where the Settling State at issue meets the eligibility criteria for and is entitled to Incentive Payment A for the Payment Year at issue, except as expressly provided therein. For the avoidance of doubt, because all Settling States are deemed eligible for Incentive Payment A for Payment Years 1 and 2 under Section IV.F.1.c, a suspension of Payments under Section XII.A.2 shall not apply to any Settling States for those Payment Years.

2. An offset under Section XII.A.2 and Section XII.A.3 shall not apply where the Later Litigating Subdivision opted out of a Settlement Class Resolution in the Settling State at issue that was in full force and effect in that Settling State as of the due date of the payment for Payment Year 2 and remains in full force and effect; *provided* that an offset relating to that Subdivision may apply under Section XIII.

3. Section XII.A shall not apply where the Later Litigating Subdivision seeks less than $10 million, or so long as its total claim is reduced to less than $10 million, in the lawsuit for a Released Claim at issue.

4. An offset under Section XII.A.3 shall not apply where the applicable Participation Tier is Participation Tier 1 and the population of the Later Litigating Subdivision is under 10,000.

5. If the applicable Participation Tier is Participation Tier 2 or higher, and the Later Litigating Subdivision has a population less than 10,000, the offset under Section XII.A.3 shall only apply to amounts paid pursuant to a settlement or judgment that are over $10 million per case or resolution. Any type of consolidated or aggregated or joined or class actions, however styled, shall be considered a single case, and any resolutions that occur within a sixty (60) calendar day period of each other and involve Later Litigating Subdivisions that share common counsel and/or are created by the same or related judgments, settlement agreements, or other instruments or are conditioned upon one another, shall be considered a single resolution. For the avoidance of doubt, any such case or resolution shall have only a single $10,000,000 exemption from the offset under Section XII.A.3.

C. *No Effect on Other Provisions.* A suspension or offset under Section XII.A shall not affect the Injunctive Relief Terms or the Consent Judgment.

D. *No Effect on Other States*. A suspension or offset under Section XII.A applicable to one State shall not affect the allocation or payment of the Annual Payment to other Settling States.

XIII. Reductions/Offsets

A. *Non-Settling States.* Non-Settling States shall not be eligible for any payments or have any rights in connection with this Agreement. Accordingly, the stated maximum dollar amounts of the payments specified in Exhibit M are reduced by the aggregate Overall Allocation Percentage of Non-Settling States as set forth in Exhibit F.

B. *Offset Relating to Incentive Payment A.* If a Settling State is not eligible for Incentive Payment A at the third Payment Date, the Settling Distributors shall receive an offset with respect to that State.[10] The offset shall be the dollar amount difference between (1) the total amount of the Incentive Payment A due from the Settling Distributors on the Effective Date and on the Payment Date for Payment Year 2 allocated to that State and its Participating Subdivisions, and (2) the total amount of Incentive Payments B and C that would have been due from the Settling Distributors on the Effective Date and on the Payment Date for Payment Year 2 so allocated but for the State's deemed eligibility for Incentive Payment A. The offset shall be applied in equal installments to reduce the Annual Payments for Payment Years 3 through 7 that would be apportioned to that State and to its Subdivisions, and shall remain applicable even if that State subsequently becomes eligible for Incentive Payment A.

C. *Settlement Class Resolution Opt Outs.* If a Settling State is eligible for Incentive Payment A on the basis of a Settlement Class Resolution, and a Primary Subdivision that opted out of the Settlement Class Resolution maintains a lawsuit asserting a Released Claim against a Released Entity, the following shall apply. If the lawsuit asserting a Released Claim either survives a Threshold Motion or has an unresolved Threshold Motion fewer than sixty (60) calendar days prior to the scheduled start of a trial involving a Released Claim, and is resolved with finality on terms requiring payment by the Released Entity, the Settling Distributor at issue shall receive a dollar-for-dollar offset for the amount paid against its obligation to make remaining Incentive Payment A payments that would be apportioned to that State and to its Subdivisions. For the avoidance of doubt, an offset shall not be applicable under this subsection if it is applicable under Section XII.A with respect to the Subdivision at issue.

D. *Revoked Bar, Settlement Class Resolution, or Case-Specific Resolution.* If the Settling Distributors made any Annual Payments that included any incentive payments earned as a result of the existence of a Bar, Settlement Class Resolution, or Case-Specific Resolution in a Settling State, and there is subsequently a Revocation Event with respect to that Bar, Settlement Class Resolution, or Case-Specific Resolution after the determination of the amount of such Annual Payment, the Settling Distributors shall receive a dollar-for-dollar offset against the portion of remaining Annual Payments that would be allocated to that State and its Participating Subdivisions. This offset will be calculated as the dollar amount difference between (1) the total amount of incentive payments paid by the Settling Distributors by virtue of the Bar, Settlement

[10] For purposes of this provision, in determining whether a Settling State would not be eligible for Incentive Payment A for Payment Year 3, the criteria set forth in Section IV.F.1.b shall apply to that Payment Year.

Class Resolution, or Case-Specific Resolution subject to the Revocation Event and (2) the total amount of incentive payments that would have been due from the Settling Distributors during that time had the Bar, Settlement Class Resolution, or Case-Specific Resolution subject to the Revocation Event not been in effect. The amount of incentive payments that would have been due, referenced in clause (2) above, will be calculated one hundred eighty (180) calendar days after the Revocation Event; for purposes of calculating the amount of incentive payments that would have been due, any relevant Subdivision shall be included as a Participating Subdivision if: (1) its Released Claims are extinguished by any subsequent Bar, Settlement Class Resolution, or Case-Specific Resolution in effect as of the date of such calculation, or (2) it becomes a Participating Subdivision (in addition to all other Participating Subdivisions) prior to the date of such calculation.

E. *Certain Taxes.* Amounts paid by a Settling Distributor under an Opioid Tax in a Settling State in a Payment Year shall give rise to a dollar-for-dollar offset against that Settling Distributor's obligation to pay its share of the Annual Payment in that Payment Year that would be allocated to the taxing State or its Participating Subdivisions. If such amounts paid exceed that Settling Distributor's allocable share of the Annual Payment allocable to the taxing State or its Participating Subdivisions in that Payment Year, the excess shall carry forward as an offset against its allocable share of remaining Annual Payments that would be allocated to the taxing State or its Participating Subdivisions

F. *Not Subject to Suspension Cap or Offset Cap.* For the avoidance of doubt, neither the Suspension Cap nor the Offset Cap apply to the offsets and reductions set forth in this Section XIII.

XIV. Miscellaneous

A. *Population of General Purpose Governments.* The population figures for General Purpose Governments shall be the published U.S. Census Bureau's population estimates for July 1, 2019, released May 2020. These population figures shall remain unchanged during the term of this Agreement.[11]

B. *Population of Special Districts*. For any purpose in this Agreement in which the population of a Special District is used other than Section IV.F.1.b: (a) School Districts' population will be measured by the number of students enrolled who are eligible under the Individuals with Disabilities Education Act ("*IDEA*") or Section 504 of the Rehabilitation Act of 1973; (b) Health Districts' and Hospital Districts' population will be measured at twenty-five percent (25%) of discharges; and (c) all other Special Districts' (including Fire Districts' and Library Districts') population will be measured at ten percent (10%) of the population served. The Settling Distributors and the Enforcement Committee shall meet and confer in order to agree on data sources for purposes of this Section prior to the Preliminary Agreement Date.

[11] The estimates for counties and parishes were accessed at https://www.census.gov/data/datasets/time-series/demo/popest/2010s-countiestotal.html. The estimates for cities and towns can currently be found at https://www.census.gov/data/datasets/time-series/demo/popest/2010s-total-cities-and-towns.html.

C. *Population Associated with Sheriffs*. For any purpose in this Agreement in which the population associated with a lawsuit by a sheriff is used, the population will be measured at twenty percent (20%) of the capacity of the jail(s) operated by the sheriff.

D. *No Admission.* The Settling Distributors do not admit liability or wrongdoing. Neither this Agreement nor the Consent Judgments shall be considered, construed or represented to be (1) an admission, concession or evidence of liability or wrongdoing or (2) a waiver or any limitation of any defense otherwise available to the Settling Distributors.

E. *Most-Favored-Nation Provision.*—Settling States.

1. If, after the Reference Date, any Settling Distributor enters into any settlement agreement with any Non-Settling State that resolves Claims similar in scope to the Claims released by a Settling State under this Agreement on overall payment terms that are more favorable to such Non-Settling State than the overall payment terms of the Agreement (after due consideration of relevant differences in population or other appropriate factors), then the Settling States, individually or collectively, may elect to seek review, pursuant to Section XIV.E.3, of the overall payment terms of this Agreement and the Non-Settling State agreement so that such Settling State(s) may obtain, with respect to that Settling Distributor, overall payment terms at least as favorable as those obtained by such Non-Settling State. "*Overall payment terms*" refers to consideration of all payment terms of the two agreements, taken together, including, but not limited to the amount of payments, the timing of payments, and conditions or contingencies on payments.

2. For any settlement with a Non-Settling State involving Released Claims that is entered into after the Reference Date, Settling Distributors shall provide the Enforcement Committee with a copy of the settlement agreement or relevant consent judgment within thirty (30) calendar days of the consummation of such settlement. The Enforcement Committee will promptly distribute such copy to all Settling States.

3. In the event that one or more Settling State(s) believes that the overall payment terms of an agreement by a Settling Distributor with a Non-Settling State are more favorable to the Non-Settling State, when compared based on the totality of the considerations set forth in Section XIV.E.1, the Settling State(s) and the Settling Distributor shall engage in the following process:

a. The Settling State(s) shall provide notice, within sixty (60) calendar days of the date on which a settlement agreement or consent judgment is provided to the Enforcement Committee, to the Settling Distributor of its (their) intent to seek revision of this Agreement to provide payment terms that are, on an overall basis, as favorable as those obtained by the Non-Settling State. Such notice shall be confidential and not disclosed publicly to the extent allowed by law and shall state, in detail, the basis for the State's (States') belief that it (they) is entitled to a revision of the Agreement.

b. The Settling Distributor shall, within thirty (30) calendar days, provide a response to the Settling State(s), explaining its position, in detail, as to whether the Settling State(s) is entitled to more favorable overall payment terms than those provided for in this Agreement.

c. In the event the Settling State(s) and Settling Distributor do not reach agreement as to the application of Section XIV.E.1, the Settling State(s) may petition the National Arbitration Panel to seek a ruling from the Panel as to the applicability of Section XIV.E.1, provided that the Settling State(s) may seek such review only if at least five (5) Settling States co-sign the petition. The Panel shall consider submissions and argument by the parties pursuant to the procedures set forth in Section VI.F.2.

d. The Settling State(s) and the Settling Distributor shall be bound by the determination of the National Arbitration Panel.

4. This Section XIV.E does not apply to, and there is no ability of any Settling State to seek or obtain revision of this Agreement based on, any Non-Settling State agreement with any Settling Distributor that is entered into with: (a) a Non-Settling State after a date sixty (60) calendar days prior to the scheduled start date of a trial between any Settling Distributor and the Non-Settling State or any severed or bifurcated portion thereof, provided that, where, in order to complete a settlement, a Non-Settling State and a Settling Distributor jointly request an adjournment of the scheduled start date of a trial within sixty (60) days of that date, this exception will apply as if the trial date had not been adjourned; (b) a Non-Settling State that previously litigated to judgment a case related to opioids against any manufacturer, distributor, or pharmacy; or (c) a Non-Settling State that has obtained any court order or judicial determination that grants judgment (in whole or in part) against any Settling Distributor. For avoidance of doubt, the National Arbitration Panel shall have no power to review agreements described in this paragraph.

5. This Section XIV.E does not apply to, and there is no ability of any Settling State to seek or obtain revision of this Agreement based on, any agreement between a Settling Distributor and (a) federally-recognized tribe(s) or (b) West Virginia subdivisions or (c) Non-Participating Subdivisions. This Section XIV.E will not apply to any agreement entered into more than eighteen (18) months after the Reference Date.

F. *Tax Cooperation and Reporting*.

1. Upon request by any Settling Distributor, the Settling States and Participating Subdivisions agree to perform such further acts and to execute and deliver such further documents as may be reasonably necessary for the Settling Distributors to establish the statements set forth in Section V.E.3 to the satisfaction of their tax advisors, their independent financial auditors, the Internal Revenue Service, or any other governmental authority, including as contemplated by Treasury Regulations Section 1.162-21(b)(3)(ii) and any subsequently proposed or finalized relevant regulations or administrative guidance.

2. Without limiting the generality of Section XIV.F.1, each Settling State and Participating Subdivision shall cooperate in good faith with any Settling Distributor with respect to any tax claim, dispute, investigation, audit, examination, contest, litigation, or other proceeding relating to this Agreement.

3. The Designated State, as defined in Section I.P as New York, on behalf of all Settling States and Participating Subdivisions, shall designate one of its officers or employees to act as the "appropriate official" within the meaning of Treasury Regulations Section 1.6050X-1(f)(1)(ii)(B) (the "*Appropriate Official*"). The Designated State shall direct and ensure that the Appropriate Official timely (a) files (i) at the time this Agreement becomes binding on the Parties, an IRS Form 1098-F in the form attached as Exhibit U, Exhibit V, and Exhibit W with respect to each of the Settling Distributors and (ii) any legally required returns or amended returns with any applicable governmental authority, or any returns requested by the respective Settling Distributors, and (b) provides to each of the Settling Distributors a copy of (i) the IRS Form 1098-F filed with respect to such Settling Distributor and (ii) any legally required written statement pursuant to any applicable law and any other document referred to in clause (a)(ii) above. Any such form, return, or statement shall be prepared and filed in a manner fully consistent with Section V.E.3.

4. The Settling States and Participating Subdivisions agree that any return, amended return, or written statement filed or provided pursuant to paragraph 3, and any similar document, shall be prepared and filed in a manner consistent with reporting each Settling Distributor's portion of the Global Settlement Amount as the "Total amount to be paid" pursuant to this Agreement in Box 1 of IRS Form 1098-F and each Settling Distributor's portion of the Compensatory Restitution Amount as "Restitution/remediation amount" in Box 2 of IRS Form 1098-F, as reflected in the attached Exhibit U, Exhibit V, and Exhibit W. If the Designated State or Appropriate Official shall be required to file any return, amended return, or written statement contemplated by this Section XIV.F other than an IRS Form 1098-F in the form attached as Exhibit U, Exhibit V, and Exhibit W, the Designated State shall direct and ensure that the Appropriate Official provides to each Settling Distributor a draft of such return, amended return, or written statement in respect of such Settling Distributor no later than sixty (60) calendar days prior to the due date thereof and shall accept and reflect any reasonable comments of such Settling Distributor on the return, amended return, or written statement in respect of such Settling Distributor.

5. For the avoidance of doubt, neither the Settling Distributors nor the Settling States and Participating Subdivisions make any warranty or representation to any Settling State, Participating Subdivision, or Releasor as to the tax consequences of the payment of the Compensatory Restitution Amount (or any portion thereof).

G. *No Third-Party Beneficiaries.* Except as expressly provided in this Agreement, no portion of this Agreement shall provide any rights to, or be enforceable by, any person or entity that is not a Settling State or Released Entity. No Settling State may assign or otherwise convey any right to enforce any provision of this Agreement.

H. *Calculation*. Any figure or percentage referred to in this Agreement shall be carried to seven decimal places.

I. *Construction*. None of the Parties and no Participating Subdivision shall be considered to be the drafter of this Agreement or of any of its provisions for the purpose of any statute, case law, or rule of interpretation or construction that would or might cause any provision to be construed against the drafter of this Agreement. The headings of the provisions of this Agreement are not binding and are for reference only and do not limit, expand, or otherwise affect the contents or meaning of this Agreement.

J. *Cooperation*. Each Party and each Participating Subdivision agrees to use its best efforts and to cooperate with the other Parties and Participating Subdivisions to cause this Agreement and the Consent Judgments to become effective, to obtain all necessary approvals, consents and authorizations, if any, and to execute all documents and to take such other action as may be appropriate in connection herewith. Consistent with the foregoing, each Party and each Participating Subdivision agrees that it will not directly or indirectly assist or encourage any challenge to this Agreement or any Consent Judgment by any other person, and will support the integrity and enforcement of the terms of this Agreement and the Consent Judgments.

K. *Entire Agreement*. This Agreement, including its exhibits and any other attachments, embodies the entire agreement and understanding between and among the Parties and Participating Subdivisions relating to the subject matter hereof and supersedes (1) all prior agreements and understandings relating to such subject matter, whether written or oral and (2) all purportedly contemporaneous oral agreements and understandings relating to such subject matter.

L. *Execution*. This Agreement may be executed in counterparts and by different signatories on separate counterparts, each of which shall be deemed an original, but all of which shall together be one and the same Agreement. One or more counterparts of this Agreement may be delivered by facsimile or electronic transmission with the intent that it or they shall constitute an original counterpart hereof. One or more counterparts of this Agreement may be signed by electronic signature.

M. *Good Faith and Voluntary Entry*. Each Party warrants and represents that it negotiated the terms of this Agreement in good faith. Each of the Parties and Participating Subdivisions warrants and represents that it freely and voluntarily entered into this Agreement without any degree of duress or compulsion. The Parties and Participating Subdivisions state that no promise of any kind or nature whatsoever (other than the written terms of this Agreement) was made to them to induce them to enter into this Agreement.

N. *Legal Obligations*. Nothing in this Agreement shall be construed as relieving any Settling Distributor of the obligation to comply with all state and federal laws, regulations or rules, nor shall any of the provisions herein be deemed to be permission to engage in any acts or practices prohibited by such laws, regulations, or rules. Except with respect to the Injunctive Relief Terms, in the event of a conflict between this Agreement and any requirement or requirements of federal, state, or local laws, such that a Settling Distributor cannot comply with this Agreement without violating such a requirement or requirements, the Settling Distributor

shall document such conflicts and notify the Attorney(s) General of the relevant Settling State(s) that it intends to comply with the requirement or requirements to the extent necessary to eliminate the conflict. With respect to the Injunctive Relief Terms, in the event of such a conflict, the procedures set forth in Section III.X of the Injunctive Relief Terms will be followed.

O. *No Prevailing Party.* The Parties and Participating Subdivisions each agree that they are not the prevailing party in this action, for purposes of any claim for fees, costs, or expenses as prevailing parties arising under common law or under the terms of any statute, because the Parties and Participating Subdivisions have reached a good faith settlement. The Parties and Participating Subdivisions each further waive any right to challenge or contest the validity of this Agreement on any ground, including, without limitation, that any term is unconstitutional or is preempted by, or in conflict with, any current or future law. Nothing in the previous sentence shall modify, or be construed to conflict with, Section XIV.M.

P. *Non-Admissibility.* The settlement negotiations resulting in this Agreement have been undertaken by the Parties and by certain representatives of the Participating Subdivisions in good faith and for settlement purposes only, and no evidence of negotiations or discussions underlying this Agreement shall be offered or received in evidence in any action or proceeding for any purpose. This Agreement shall not be offered or received in evidence in any action or proceeding for any purpose other than in an action or proceeding arising under or relating to this Agreement.

Q. *Notices.* All notices or other communications under this Agreement shall be in writing (including, but not limited to, electronic communications) and shall be given to the recipients indicated below:

For the Attorney(s) General:

Ashley Moody,
Attorney General
State of Florida
The Capitol,
PL-01
Tallahassee, FL 32399

Josh Stein, Attorney General
North Carolina Department of Justice
Attn: Daniel Mosteller
PO Box 629
Raleigh, NC 27602
Dmosteller@ncdoj.gov

For the Plaintiffs' Executive Committee:

Paul F. Farrell
Farrell Law

P.O. Box 1180
Huntington, WV 25714-1180

Jayne Conroy
Simmons Hanly Conroy LLC
112 Madison Avenue, 7th Floor
New York, NY 10016-7416
JConroy@simmonsfirm.com

Joseph F. Rice
Motley Rice LLC
28 Bridgeside Blvd.
Mount Pleasant, SC 29464
jrice@motleyrice.com

Peter Mougey
Levin Papantonio Rafferty
316 South Baylen St.
Pensacola, FL 32502
pmougey@levinlaw.com

Paul J. Geller
Robbins Feller Rudman & Dowd LLP
120 East Palmetto Park Road
Boca Raton, FL 33432
PGeller@rgrdlaw.com

For Settling Distributors:

Copy to AmerisourceBergen Corporation's attorneys at:
Attn: Michael T. Reynolds
Cravath, Swaine & Moore
825 Eighth Avenue
New York, NY 10019
mreynolds@cravath.com

Copy to Cardinal Health, Inc.'s attorneys at:
Attn: Jeffrey M. Wintner, Esq.
Attn: Elaine P. Golin, Esq.
Wachtell, Lipton, Rosen & Katz
51 West 52nd Street
New York, NY 10019
JMWintner@wlrk.com
EPGolin@wlrk.com

Attn: JB Kelly, Esq.
Cozen O'Connor
1200 19th ST NW
Washington DC 20036
jbkelly@cozen.com

Copy to McKesson Corporation's attorneys at:
Attn: Thomas J. Perrelli
Jenner & Block LLP
1099 New York Ave., NW, Suite 900
Washington, D.C. 20001
tperrelli@jenner.com

Any Party or the Plaintiffs' Executive Committee may change or add the contact information of the persons designated to receive notice on its behalf by notice given (effective upon the giving of such notice) as provided in this Section XIV.P.

R. *No Waiver*. The waiver of any rights conferred hereunder shall be effective only if made by written instrument executed by the waiving Party or Parties. The waiver by any Party of any breach of this Agreement shall not be deemed to be or construed as a waiver of any other breach, whether prior, subsequent, or contemporaneous, nor shall such waiver be deemed to be or construed as a waiver by any other Party.

S. *Preservation of Privilege.* Nothing contained in this Agreement or any Consent Judgment, and no act required to be performed pursuant to this Agreement or any Consent Judgment, is intended to constitute, cause, or effect any waiver (in whole or in part) of any attorney-client privilege, work product protection, or common interest/joint defense privilege, and each Party and Participating Subdivision agrees that it shall not make or cause to be made in any forum any assertion to the contrary.

T. *Successors*.

1. This Agreement shall be binding upon, and inure to the benefit of, the Settling Distributors and their respective successors and assigns.

2. A Settling Distributor shall not, in one (1) transaction or a series of related transactions, sell or transfer U.S. assets having a fair market value equal to twenty-five percent (25%) or more of the consolidated assets of such Settling Distributor (other than sales or transfers of inventories, or sales or transfers to an entity owned directly or indirectly by such Settling Distributor) where the sale or transfer is announced after the Reference Date, is not for fair consideration, and would foreseeably and unreasonably jeopardize such Settling Distributor's ability to make the payments under this Agreement that are due on or before the third Payment Date following the close of a sale or transfer transaction, unless the Settling Distributor obtains the acquiror's agreement that it will be either a guarantor of or successor to the percentage of that Settling Distributor's remaining Payment Obligations under this Agreement equal to the percentage of the

Settling Distributor's consolidated assets being sold or transferred in such transaction. Percentages under this section shall be determined in accordance with United States generally accepted accounting principles and as of the date of the Settling Distributor's most recent publicly filed consolidated balance sheet prior to the date of entry into the sale or transfer agreement at issue. This Section XIV.T shall be enforceable solely by the Enforcement Committee, and any objection under this Section XIV.T not raised within twenty (20) calendar days of the announcement of the relevant transaction is waived. Any dispute under this Section XIV.T shall be a National Dispute as described in Section VI.F.2 and must be raised exclusively with the National Arbitration Panel as described therein within twenty (20) calendar days of the announcement, and the sole remedy shall be an order enjoining the transaction.

3. A Settling Distributor shall not, in one (1) transaction or a series of related transactions, sell or transfer (other than sales or transfers to an entity owned directly or indirectly by such Settling Distributor) more than twenty-five percent (25%) of the distribution centers within its Full-Line Wholesale Pharmaceutical Distribution Business (as that term is defined in the Injunctive Relief Terms) where the sale or transfer is announced after the Reference Date, unless the Settling Distributor obtains the acquiror's agreement that it will be bound by the Injunctive Relief Terms.

U. *Modification, Amendment, Alteration.* After the Reference Date, any modification, amendment, or alteration of this Agreement by the Parties shall be binding only if evidenced in writing signed by the Settling Distributor to which the modification, amendment, or alteration applies, if the change applies to less than all Settling Distributors, along with the signatures of at least thirty-seven of those then serving Attorneys General of the Settling States along with a representation from each Attorney General that either: (1) the advisory committee or similar entity established or recognized by that Settling State (either pursuant to Section V.E.2.d, by a State-Subdivision Agreement, or by statute) voted in favor of the modification, amendment or alteration of this Agreement including at least one member appointed by the Participating Subdivisions listed on Exhibit G; or (2) in States without any advisory committee, that 50.1% (by population) of the Participating Subdivisions listed on Exhibit G expressed approval of the modification, amendment, or alteration of this Agreement in a writing.

V. *Termination*.

1. Unless otherwise agreed to by each of the Settling Distributors and the Settling State in question, this Agreement and all of its terms (except Section XIV.P and any other non-admissibility provisions, which shall continue in full force and effect) shall be canceled and terminated with respect to the Settling State, and the Agreement and all orders issued by the courts in the Settling State pursuant to the Agreement shall become null and void and of no effect if one or more of the following conditions applies:

a. a Consent Judgment approving this Agreement without modification of any of the Agreement's terms has not been entered as to the Settling State by a court of competent jurisdiction on or before one hundred eighty (180) calendar days after the Effective Date;

b. this Agreement or the Consent Judgment as to that Settling State has been disapproved by a court of competent jurisdiction to which it was presented for approval and/or entry (or, in the event of an appeal from or review of a decision of such a court to approve this Agreement and the Consent Judgment, by the court hearing such appeal or conducting such review), and the time to appeal from such disapproval has expired, or, in the event of an appeal from such disapproval, the appeal has been dismissed or the disapproval has been affirmed by the court of last resort to which such appeal has been taken and such dismissal or disapproval has become no longer subject to further appeal (including, without limitation, review by the United States Supreme Court); or

2. If this Agreement is terminated with respect to a Settling State for whatever reason pursuant to Section XIV.V.1, then:

a. an applicable statute of limitation or any similar time requirement (excluding any statute of repose) shall be tolled from the date the Settling State signed this Agreement until the later of the time permitted by applicable law or for one year from the date of such termination, with the effect that the Settling Distributors and the Settling State in question shall be in the same position with respect to the statute of limitation as they were at the time the Settling State filed its action; and

b. the Settling Distributors and the Settling State in question shall jointly move the relevant court of competent jurisdiction for an order reinstating the actions and claims dismissed pursuant to the terms of this Agreement governing dismissal, with the effect that the Settling Distributors and the Settling State in question shall be in the same position with respect to those actions and claims as they were at the time the action or claim was stayed or dismissed.

3. Unless each of the Settling Distributors and the Enforcement Committee agrees otherwise, this Agreement, with the exception of the Injunctive Relief Terms that have their own provisions on duration, shall terminate as to all Parties as of the Payment Date for Payment Year 18, *provided* that all Settling Distributors that as of that date are not Bankrupt Settling Distributors have performed their Payment obligations under the Agreement as of that date. If fewer than all Settling Distributors that as of that date are not Bankrupt Settling Distributors have performed their Payment obligations under the Agreement as of that date, then the Agreement shall terminate as of that date as to any Settling Distributor that has performed its Payment obligations under the Agreement and the Agreement (a) shall terminate as to each of the remaining Settling Distributors that as of that date is not a Bankrupt Settling Distributor at such time as each performs its Payment obligations under the Agreement and (b) shall terminate as to all Parties at such time as all Settling Distributors that are not Bankrupt Settling Distributors have performed their Payment obligations under the Agreement. Notwithstanding any other provision in this Section XIV.V.3 or in this Agreement, all releases under this Agreement will remain effective despite any termination under this Section XIV.V.3.

W. *Governing Law*. Except (1) as otherwise provided in this Agreement or (2) as necessary, in the sole judgment of the National Arbitration Panel, to promote uniformity of interpretation for matters within the scope of the National Arbitration Panel's authority, this Agreement shall be governed by and interpreted in accordance with the respective laws of the Settling State, without regard to the conflict of law rules of such Settling State, that is seeking to enforce the Agreement against Settling Distributor(s) or against which Settling Distributor(s) are seeking enforcement. Notwithstanding any other provision in this subsection on governing law, any disputes relating to the Settlement Fund Escrow shall be governed by and interpreted in accordance with the law of the state where the escrow agent has its primary place of business.

X. *Bankruptcy*. The following provisions shall apply if a Settling Distributor enters Bankruptcy (a Settling Distributor which does so and takes the actions, or is otherwise subjected to the actions, referred to in (i) and/or (ii) herein being referred to as a "*Bankrupt Settling Distributor*") and (i) the Bankrupt Settling Distributor's bankruptcy estate recovers, pursuant to 11 U.S.C. § 550, any payments made under this Agreement, or (ii) this Agreement is deemed executory and is rejected by such Settling Distributor pursuant to 11 U.S.C. § 365:

1. In the event that both a number of Settling States equal to at least seventy-five percent (75%) of the total number of Settling States and Settling States having aggregate Overall Allocation Percentages as set forth on Exhibit F equal to at least seventy-five percent (75%) of the total aggregate Overall Allocation Percentages assigned to all Settling States deem (by written notice to the Settling Distributors other than the Bankrupt Settling Distributor) that the financial obligations of this Agreement have been terminated and rendered null and void as to such Bankrupt Settling Distributor (except as provided in Section XIV.X.1.a) due to a material breach by such Bankrupt Settling Distributor, whereupon, with respect to all Settling States:

a. all agreements, all concessions, all reductions of Releasing Parties' Claims, and all releases and covenants not to sue, contained in this Agreement shall immediately and automatically be deemed null and void as to such Bankrupt Settling Distributor; the Settling States shall be deemed immediately and automatically restored to the same position they were in immediately prior to their entry into this Settlement Agreement in respect to such Bankrupt Settling Distributor and the Settling States shall have the right to assert any and all claims against such Bankrupt Settling Distributor in the Bankruptcy or otherwise, subject to any automatic stay, without regard to any limits or agreements as to the amount of the settlement otherwise provided in this Agreement; *provided*, *however*, that notwithstanding the foregoing sentence, (i) all reductions of Releasing Parties' Claims, and all releases and covenants not to sue, contained in this Agreement shall remain in full force and effect as to all persons or entities other than the Bankrupt Settling Distributor itself; and (ii) in the event a Settling State asserts any Released Claim against a Bankrupt Settling Distributor after the rejection and/or termination of this Agreement with respect to such Settling Distributor as described in this Section XIV.X.1.a and receives a judgment, settlement or distribution arising from such Released Claim, then the amount of any payments such Settling State has previously received from such Bankrupt Settling Distributor under this Agreement shall be applied to reduce the amount of any

such judgment, settlement or distribution (provided that no credit shall be given against any such judgment, settlement or distribution for any payment that such Settling State is required to disgorge or repay to the Bankrupt Settling Distributor's bankruptcy estate); and

b. the Settling States may exercise all rights provided under the federal Bankruptcy Code (or other applicable bankruptcy or non-bankruptcy law) with respect to their Claims against such Bankrupt Settling Distributor subject to all defenses and rights of the Bankrupt Settling Distributor.

EXHIBIT A

Alleged Harms

The following export reports that were filed in connection with the case captioned *In re National Prescription Opiate Litigation*, No. 1-17-md-02804 (S.D. Ohio):

1. Expert report of Professor David Cutler, dated March 25, 2019.
2. Expert report of Dr. Jeffrey B. Liebman, dated March 25, 2019.
3. Expert report of Professor Thomas McGuire regarding damages to Bellwethers, dated March 25, 2019.
4. Report of Professor Thomas McGuire regarding public nuisance, dated March 25, 2019.

EXHIBIT B

Enforcement Committee Organizational Bylaws

ARTICLE I

These bylaws constitute the code of rules adopted by the Settling States and Participating Subdivisions for the creation of an Enforcement Committee (the "*Committee*") to exist and operate during the term of the Agreement with the Settling Distributors and shall control the regulation and management of the Committee's affairs.

ARTICLE II
Purpose

The Committee is organized for the sole purpose of evaluating and taking such action as deemed reasonable, necessary, and appropriate by the members of the Committee on the matters delegated to the Committee under that certain Settlement Agreement between the Settling States and the Settling Distributors dated July 21, 2021.

ARTICLE III
Members of the Committee

(1) Number of Members

The Committee will consist of seventeen (17) members (the "*Members*"). Upon majority resolution of the Committee, the number of Members may be increased or decreased from time to time, but in no event shall a decrease have the effect of decreasing the total number of Members to less than seven Members.

(2) Initial Members

The Committee initially will consist of eleven Settling State Members and six Participating Subdivision Members, three of the Participating Subdivisions shall be counties and three shall be municipalities. The initial Settling State Members are representatives from: Connecticut, Delaware, Florida, Georgia, Massachusetts, New York, North Carolina, Ohio, Pennsylvania, Tennessee, and Texas. The initial Participating Subdivision Members are: (a) Bexar County, Texas; (b) Broward County, Florida; (c) Chicago, Illinois; (d) Cincinnati, Ohio; (e) Nashville, Tennessee; and (f) Nassau County, New York. Until the Reference Date contained in the Settlement Agreement, the Participating Subdivisions may designate their outside counsel to serve as their representative. After the Reference Date, an employee or official of the Participating Subdivision must be the designated as the representative of the Participating Subdivision.

(3) Term of Members

The term of office for Members of the Committee will be until the end of the term of the Settlement Agreement, eighteen (18) years, unless and until a Member withdraws or resigns from the Committee.

(4) Resignation

Any Member may resign at any time by delivering written notice to the Chairperson of the Committee. Such resignation shall take effect upon receipt or, if later, at the time specified in the notice.

(5) Removal

(a) Any Member may be removed without cause, at any time, by a majority of the entire Committee, at a Regular or Special Meeting called for that purpose. Any Member under consideration of removal must first be notified about the consideration by written notice at least five days prior to the meeting at which the vote takes place.

(b) In the event that any Member is not a Settling State or a Participating Subdivision or the Member subsequently becomes a Later Litigating Subdivision or otherwise does not support the Agreement, the Member shall be removed immediately without notice or vote of the Committee.

(6) Vacancies

In the event of a vacancy, the Members of the same type (Settling State or Participating Subdivision) shall select another Settling State or Participating Subdivision to fill that Member's position.

(7) Compensation

Members shall not receive any salaries or other compensation for their services, but, by resolution of the Committee, may be reimbursed for any actual expenses incurred in the performance of their duties for the Committee, as long as a majority of disinterested Members approve the reimbursement. Any reimbursement shall be sought from the Settlement Fund Administrator.

ARTICLE IV
Conflicts of Interest and Code of Ethics

If a Member, agent, or employee of the Committee has a conflict of interest, he or she may not participate in a vote, discussion, or decision about the matter. Each Member shall follow any applicable state or local law with respect to conflicts, gifts, and ethics.

ARTICLE V
Committee Meetings

(1) Place of Meetings

Meetings of the Committee will be held at any place that the Chairperson may designate, including by telephonic or electronic means.

(2) Regular Meetings

Regular meetings of the Committee shall be held as deemed necessary by the by the Chairperson or any three members.

(3) Notice of Meetings
Written notice of the date, time, place and subject of each meeting must be provided to the Members at least 72 hours before the scheduled time of the meeting, except when there is an emergency or urgent public necessity.

(4) Quorum
A majority of the incumbent Members (not counting vacancies) shall constitute a quorum for the purposes of convening a meeting or conducting business.

(5) Voting and Proxy
When it is necessary to vote on any matter before the Committee, Members may vote by electronic means as provided in these Bylaws. Proxy voting is permitted. In order for a matter to pass, the matter must have a majority vote of Members present and must have at least one vote from a Settling State Member and a Participating Subdivision Member. In the event that there is a Quorum, but no Settling State or Participating Subdivision Member is present, then a matter may pass with a simple majority vote.

(6) Minutes
The Committee shall prepare and keep minutes. The minutes must state the subject of each deliberation and indicate each vote, order, decision, or other action taken.

ARTICLE VI
Officers

(1) Roster of Officers
The Committee shall have a Chairperson, a Vice Chairperson, and a Secretary. The Committee may have at its discretion, such other officers as may be appointed by the Members of the Committee. One person may hold two or more offices, except those serving as Chairperson.

(2) Election and Removal of Officers
All officers shall serve two-year terms. The election shall be conducted at the first meeting of the fiscal year. Officers shall remain in office until their successors have been selected. Officers may serve consecutive terms without limit. The election of officers shall be by majority vote of the Members of the Committee attending the meeting.

(3) Vacancies
If a vacancy occurs during the term of office for any elected officer, the Members of the Committee shall elect a new officer to fill the remainder of the term as soon as practical, by majority vote of Members present.

(4) Chairperson
The Chairperson will supervise and control the affairs of the Committee and shall exercise such supervisory powers as may be given him/her by the Members of the Committee. The Chairperson will perform all duties incident to such office and such other duties as may be

provided in these bylaws or as may be prescribed from time to time by the Committee. The Chairperson shall preside at all meetings and shall exercise parliamentary control in accordance with Robert's Rules of Order.

(5) Vice Chairperson

The Vice Chairperson shall act in place of the Chairperson in the event of the Chairperson's absence, inability, or refusal to act, and shall exercise and discharge such other duties as may be required by the Committee. The Vice Chairperson shall serve as the parliamentarian and interpret any ambiguities of the bylaws.

(6) Secretary

The Secretary will keep and maintain all records related to the Committee and take minutes of all meetings.

(7) Records

All elected officers and committee chairpersons shall relinquish their records to the Chairperson immediately upon the completion of their term of office or completion of their term of office or completion of a project.

(8) Resignation

An officer may resign the office while not resigning membership from the Committee, by submitting a letter to the Chairperson. Vacancies occurring in any office shall be appointed for the remainder of the term.

ARTICLE VII
Duties

(1) Prior to the Reference Date

The Committee shall be responsible for any additional negotiations with the Settling Distributors, including, but not limited to, negotiating extensions of any periods created by the Settlement Agreement.

(2) After the Enforcement Date

The Committee shall establish procedures for the receipt of notices that a dispute exists concerning the Agreement and review of such disputes, pursuant to Section VI of the Agreement. Members may engage with Settling Distributors, Settling States, and Participating Subdivisions attempting to resolve any dispute without further action by the Committee. The Committee may request additional information from Settling Distributors, Settling States, and Participating Subdivisions to the extent the Committee believes such information is necessary to understand, resolve, or provide advice related to a dispute. The Committee shall endeavor to provide advice relative to the dispute no later than 60 days after receipt of notice.

ARTICLE VIII
Rules of Procedure

The proceedings and business of the Committee shall be governed by Robert's Rules of Order unless otherwise waived by the Committee.

ARTICLE IX
Operations

(1) Records

The Committee will keep correct and complete records and will also keep minutes of the proceedings of the Committee meetings and Committees. The Committee will keep at its principal place of business at a place designated by the Chairperson**.**

All elected officers and committee chairpersons shall relinquish their records to the Chairperson, immediately upon the completion of their term of office.

(2) Inspection of Books and Records

The minutes of a meeting are public records and shall be available for public inspection and copying on request to the Committee's Chairperson or the Chairperson's designee.

(3) Amendments

The bylaws may be amended at any time by a vote of a majority of Members present and must have at least one vote from a Settling State Member and a Participating Subdivision Member. In the event that there is a Quorum, but no Settling State or Participating Subdivision Member is present, then a matter may pass with a simple majority vote.

EXHIBIT C

Litigating Subdivisions List[12]

1. Abbeville (AL), City of, Alabama
2. Albertville (AL), City of, Alabama
3. Alexander City (AL), City of, Alabama
4. Anniston (AL), City of, Alabama
5. Arab (AL), City of, Alabama
6. Argo (AL), City of, Alabama
7. Ashland (AL), City of, Alabama
8. Ashville (AL), City of, Alabama
9. Athens (AL), City of, Alabama
10. Attalla (AL), City of, Alabama
11. Attentus Mouton, LLC d/b/a Lawrence Medical Center (AL), Alabama
12. Auburn (AL), City of, Alabama
13. Autauga (AL), County of, Alabama
14. Baldwin (AL), County of, Alabama
15. Barbour (AL), County of, Alabama
16. Berry (AL), Town of, Alabama
17. Bibb (AL), County of, Alabama
18. Birmingham (AL), City of, Alabama
19. Blount (AL), County of, Alabama
20. Boaz (AL), City of, Alabama
21. Brent (AL), City of, Alabama
22. Bridgeport (AL), City of, Alabama
23. Brookwood (AL), Town of, Alabama
24. Brundidge (AL), City of, Alabama
25. Bullock (AL), County of, Alabama
26. Butler (AL), County of, Alabama
27. Butler (AL), Town of, Alabama
28. Calera (AL), City of, Alabama
29. Calhoun (AL), County of, Alabama
30. Camp Hill (AL), Town of, Alabama
31. Carbon Hill (AL), City of, Alabama
32. Cedar Bluff (AL), Town of, Alabama
33. Center Point (AL), City of, Alabama
34. Centre (AL), City of, Alabama
35. Centreville (AL), City of, Alabama
36. Chambers (AL), County of, Alabama
37. Cherokee (AL), County of, Alabama
38. Cherokee (AL), Town of, Alabama
39. Chickasaw (AL), City of, Alabama
40. Chilton (AL), County of, Alabama
41. Choctaw (AL), County of, Alabama
42. Clanton (AL), City of, Alabama
43. Clarke (AL), County of, Alabama
44. Clay (AL), County of, Alabama
45. Cleburne (AL), County of, Alabama
46. Cleveland (AL), Town of, Alabama
47. Coffee (AL), County of, Alabama
48. Colbert (AL), County of, Alabama
49. Conecuh (AL), County of, Alabama
50. Coosa (AL), County of, Alabama
51. Cordova (AL), City of, Alabama
52. Covington (AL), County of, Alabama
53. Crenshaw (AL), County of, Alabama
54. Cullman (AL), City of, Alabama
55. Cullman (AL), County of, Alabama
56. Cullman Regional Medical Center, Inc. (AL), Alabama
57. Dadeville (AL), City of, Alabama
58. Dale (AL), County of, Alabama
59. Daleville (AL), City of, Alabama
60. Dallas (AL), County of, Alabama
61. Daphne (AL), City of, Alabama
62. Dauphin Island (AL), Town of, Alabama
63. Decatur (AL), City of, Alabama
64. DeKalb (AL), County of, Alabama
65. Demopolis (AL), City of, Alabama
66. Dora (AL), City of, Alabama
67. Dothan (AL), City of, Alabama
68. Double Springs (AL), Town of, Alabama
69. Douglas (AL), Town of, Alabama
70. Enterprise (AL), City of, Alabama
71. Escambia (AL), County of, Alabama
72. Etowah (AL), County of, Alabama
73. Etowah (AL), County of (Sheriff), Alabama
74. Eufaula (AL), City of, Alabama
75. Evergreen (AL), City of, Alabama
76. Fairfield (AL), City of, Alabama

[12] For purposes of calculating the percentage of Litigating Subdivisions pursuant to Section IV.F.2.b and Exhibit H, an individual Litigating Subdivision shall not be included more than once in the numerator, and shall not be included more than once in the denominator, of the calculation regardless if it (or any of its officials) is named as multiple plaintiffs in the same lawsuit; provided, however, that for the avoidance of doubt, no Litigating Subdivision will be excluded from the numerator or denominator under this sentence unless a Litigating Subdivision otherwise counted in the denominator has the authority to release the Claims (consistent with Section XI) of the Litigating Subdivision to be excluded.

77. Family Oriented Primary Health Care Clinic (AL), Alabama
78. Faunsdale (AL), Town of, Alabama
79. Fayette (AL), City of, Alabama
80. Fayette (AL), County of, Alabama
81. Fayette (AL), County of (Sheriff), Alabama
82. Florence (AL), City of, Alabama
83. Foley (AL), City of, Alabama
84. Fort Deposit (AL), Town of, Alabama
85. Fort Payne (AL), City of, Alabama
86. Franklin (AL), County of, Alabama
87. Fultondale (AL), City of, Alabama
88. Gadsden (AL), City of, Alabama
89. Geneva (AL), City of, Alabama
90. Geneva (AL), County of, Alabama
91. Geneva County Health Care Authority (AL), Alabama
92. Georgiana (AL), City of, Alabama
93. Geraldine (AL), Town of, Alabama
94. Gilbertown (AL), Town of, Alabama
95. Grant (AL), Town of, Alabama
96. Graysville (AL), City of, Alabama
97. Greene (AL), County of, Alabama
98. Greene County Hospital Board (AL), Alabama
99. Greensboro (AL), City of, Alabama
100. Greenville (AL), City of, Alabama
101. Guin (AL), City of, Alabama
102. Guntersville (AL), City of, Alabama
103. Gurley (AL), Town of, Alabama
104. Hale (AL), County of, Alabama
105. Haleyville (AL), City of, Alabama
106. Hamilton (AL), City of, Alabama
107. Hammondville (AL), Town of, Alabama
108. Hartselle (AL), City of, Alabama
109. Headland (AL), City of, Alabama
110. Health Care Authority of Cullman County (AL), Alabama
111. Health Care Authority of the City of Huntsville d/b/a HH Health System, et al. (AL), Alabama
112. Henagar (AL), City of, Alabama
113. Henry (AL), County of, Alabama
114. HH Health System-Athens Limestone, LLC d/b/a Athens Limestone Hospital (AL), Alabama
115. HH Health System-Morgan, LLC d/b/a Decatur Morgan Hospital-Decatur and Decatur Morgan Hospital-Parkway (AL), Alabama
116. HH Health System-Shoals, LLC d/b/a Helen Keller Hospital and Red Bay Hospital (AL), Alabama
117. Homewood (AL), City of, Alabama
118. Hoover (AL), City of, Alabama
119. Houston (AL), County of, Alabama
120. Hueytown (AL), City of, Alabama
121. Huntsville (AL), City of, Alabama
122. J. Paul Jones Hospital (AL), Alabama
123. Jackson (AL), County of, Alabama
124. Jackson County Health Care Authority (AL), Alabama
125. Jacksonville (AL), City of, Alabama
126. Jasper (AL), City of, Alabama
127. Jefferson (AL), County of, Alabama
128. Jefferson (AL), County of (Sheriff), Alabama
129. Killen (AL), City of, Alabama
130. Lamar (AL), County of, Alabama
131. Lamar (AL), County of (Sheriff), Alabama
132. Lanett (AL), City of, Alabama
133. Lauderdale (AL), County of, Alabama
134. Lawrence (AL), County of, Alabama
135. Leeds (AL), City of, Alabama
136. Leesburg (AL), City of, Alabama
137. Leighton (AL), Town of, Alabama
138. Level Plains (AL), City of, Alabama
139. Limestone (AL), County of, Alabama
140. Lincoln (AL), City of, Alabama
141. Linden (AL), City of, Alabama
142. Locust Fork (AL), Town of, Alabama
143. Louisville (AL), City of, Alabama
144. Lowndes (AL), County of, Alabama
145. Luverne (AL), City of, Alabama
146. Macon (AL), County of, Alabama
147. Madison (AL), City of, Alabama
148. Madison (AL), County of, Alabama
149. Marengo (AL), County of, Alabama
150. Marion (AL), City of, Alabama
151. Marion (AL), County of, Alabama
152. Marshall (AL), County of, Alabama
153. Marshall County (AL) Health Care Authority, Alabama
154. McKenzie (AL), Town of, Alabama
155. Midfield (AL), City of, Alabama
156. Mobile (AL), City of, Alabama
157. Mobile (AL), County Board of Health, Alabama
158. Mobile (AL), County of, Alabama
159. Monroe (AL), County of, Alabama
160. Monroe County Healthcare Authority (AL), Alabama
161. Monroe County Healthcare Authority d/b/a Monroe County Hospital (AL), Alabama
162. Monroeville (AL), City of, Alabama
163. Montgomery (AL), City of, Alabama

164. Montgomery (AL), County of, Alabama
165. Moody (AL), City of, Alabama
166. Morgan (AL), County of, Alabama
167. Moulton (AL), City of, Alabama
168. Mountain Brook (AL), City of, Alabama
169. Munford (AL), Town of, Alabama
170. Muscle Shoals (AL), City of, Alabama
171. Nauvoo (AL), City of, Alabama
172. New Hope (AL), City of, Alabama
173. Northport (AL), City of, Alabama
174. Oakman (AL), Town of, Alabama
175. Oneonta (AL), City of, Alabama
176. Opelika (AL), City of, Alabama
177. Opp (AL), City of, Alabama
178. Orange Beach (AL), City of, Alabama
179. Oxford (AL), City of, Alabama
180. Ozark (AL), City of, Alabama
181. Parrish (AL), City of, Alabama
182. Pell City (AL), City of, Alabama
183. Perry (AL), County of, Alabama
184. Phenix (AL), City of, Alabama
185. Pickens (AL), County of, Alabama
186. Piedmont (AL), City of, Alabama
187. Pike (AL), County of, Alabama
188. Pleasant Grove (AL), City of, Alabama
189. Powell (AL), Town of, Alabama
190. Prattville (AL), City of, Alabama
191. Priceville (AL), Town of, Alabama
192. Prichard (AL), City of, Alabama
193. Ragland (AL), City of, Alabama
194. Rainbow City (AL), City of, Alabama
195. Rainsville (AL), City of, Alabama
196. Red Bay (AL), City of, Alabama
197. Robertsdale (AL), City of, Alabama
198. Rockford (AL), Town of, Alabama
199. Russell (AL), County of, Alabama
200. Russellville (AL), City of, Alabama
201. Satsuma (AL), City of, Alabama
202. Scottsboro (AL), City of, Alabama
203. Selma (AL), City of, Alabama
204. Sheffield (AL), City of, Alabama
205. Shelby (AL), County of, Alabama
206. Sipsey (AL), City of, Alabama
207. Slocomb (AL), City of, Alabama
208. Spanish Fort (AL), City of, Alabama
209. Springville (AL), City of, Alabama
210. St. Clair (AL), County of, Alabama
211. Sumiton (AL), City of, Alabama
212. Sumter (AL), County of, Alabama
213. Sweet Water (AL), Town of, Alabama
214. Sylacauga (AL), City of, Alabama
215. Talladega (AL), City of, Alabama
216. Talladega (AL), County of, Alabama
217. Tallapoosa (AL), County of, Alabama
218. Tarrant (AL), City of, Alabama
219. The Bibb County Healthcare Authority (AL), Alabama
220. The Dale County Healthcare Authority (AL), Alabama
221. The DCH Health Care Authority (AL), Alabama
222. The Health Care Authority of Morgan County - City of Decatur (AL), Alabama
223. The Health Care Authority of the City of Huntsville d/b/a Hunstville Hospital (AL), Alabama
224. The Health Care Authority of the City of Huntsville d/b/a Huntsville Hospital for Women and Children (AL), Alabama
225. The Health Care Authority of the City of Huntsville d/b/a Madison Hospital (AL), Alabama
226. The Healthcare Authority for Baptist Health (AL), Alabama
227. The Sylacauga Health Care Authority (AL), Alabama
228. The Tombigbee Health Care Authority (AL), Alabama
229. Thomasville (AL), City of, Alabama
230. Troy (AL), City of, Alabama
231. Trussville (AL), City of, Alabama
232. Tuscaloosa (AL), City of, Alabama
233. Tuscaloosa (AL), County of, Alabama
234. Tuscumbia (AL), City of, Alabama
235. Tuskegee (AL), City of, Alabama
236. Union Springs (AL), City of, Alabama
237. Uniontown (AL), City of, Alabama
238. Vance (AL), Town of, Alabama
239. Vernon (AL), City of, Alabama
240. Vestavia Hills (AL), City of, Alabama
241. Walker (AL), County of, Alabama
242. Washington (AL), County of, Alabama
243. Weaver (AL), City of, Alabama
244. West Blocton (AL), Town of, Alabama
245. Wilcox (AL), County of, Alabama
246. Winfield (AL), City of, Alabama
247. Woodville (AL), Town of, Alabama
248. Yellow Bluff (AL), Town of, Alabama
249. Apache (AZ), County of, Arizona
250. Bullhead City (AZ), City of, Arizona
251. Cochise (AZ), County of, Arizona
252. Glendale (AZ), City of, Arizona
253. Kingman (AZ), City of, Arizona
254. La Paz (AZ), County of, Arizona
255. Maricopa (AZ), County of, Arizona
256. Mohave (AZ), County of, Arizona

257. Navajo (AZ), County of, Arizona
258. Phoenix (AZ), City of, Arizona
259. Pima (AZ), County of, Arizona
260. Pinal (AZ), County of, Arizona
261. Prescott (AZ), City of, Arizona
262. Surprise (AZ), City of, Arizona
263. Tucson (AZ), The City of, Arizona
264. Yuma (AZ), County of, Arizona
265. Adona (AR), City of, Arkansas
266. Alexander (AR), City of, Arkansas
267. Alicia (AR), City of, Arkansas
268. Allport (AR), City of, Arkansas
269. Alma (AR), City of, Arkansas
270. Almyra (AR), City of, Arkansas
271. Alpena (AR), City of, Arkansas
272. Altheimer (AR), City of, Arkansas
273. Altus (AR), City of, Arkansas
274. Amagon (AR), City of, Arkansas
275. Amity (AR), City of, Arkansas
276. Anthonyvile (AR), City of, Arkansas
277. Antoine (AR), City of, Arkansas
278. Arkadelphia (AR), City of, Arkansas
279. Arkansas (AR), County of, Arkansas
280. Arkansas City (AR), City of, Arkansas
281. Ash Flat (AR), City of, Arkansas
282. Ashdown (AR), City of, Arkansas
283. Ashley (AR), County of, Arkansas
284. Atkins (AR), City of, Arkansas
285. Aubrey (AR), City of, Arkansas
286. Augusta (AR), City of, Arkansas
287. Austin (AR), City of, Arkansas
288. Avoca (AR), City of, Arkansas
289. Bald Knob (AR), City of, Arkansas
290. Banks (AR), City of, Arkansas
291. Barling (AR), City of, Arkansas
292. Bassett (AR), City of, Arkansas
293. Batesville (AR), City of, Arkansas
294. Bauxite (AR), City of, Arkansas
295. Baxter (AR), County of, Arkansas
296. Bay (AR), City of, Arkansas
297. Bearden (AR), City of, Arkansas
298. Beaver (AR), City of, Arkansas
299. Beebe (AR), City of, Arkansas
300. Beedeville (AR), City of, Arkansas
301. Bella Vista (AR), City of, Arkansas
302. Bellefonte (AR), City of, Arkansas
303. Belleville (AR), City of, Arkansas
304. Ben Lomond (AR), City of, Arkansas
305. Benton (AR), City of, Arkansas
306. Benton (AR), County of, Arkansas
307. Bentonville (AR), City of, Arkansas
308. Bergman (AR), City of, Arkansas
309. Berryville (AR), City of, Arkansas
310. Bethel Heights (AR), City of, Arkansas
311. Big Flat (AR), City of, Arkansas
312. Bigelow (AR), City of, Arkansas
313. Biggers (AR), City of, Arkansas
314. Birdsong (AR), City of, Arkansas
315. Biscoe (AR), City of, Arkansas
316. Black Oak (AR), City of, Arkansas
317. Black Rock (AR), City of, Arkansas
318. Black Springs (AR), City of, Arkansas
319. Blevins (AR), City of, Arkansas
320. Blue Eye (AR), City of, Arkansas
321. Blue Mountain (AR), City of, Arkansas
322. Bluff City (AR), City of, Arkansas
323. Blytheville (AR), City of, Arkansas
324. Bodcaw (AR), City of, Arkansas
325. Bonanza (AR), City of, Arkansas
326. Bono (AR), City of, Arkansas
327. Boone (AR), County of, Arkansas
328. Booneville (AR), City of, Arkansas
329. Bradford (AR), City of, Arkansas
330. Bradley (AR), City of, Arkansas
331. Bradley (AR), County of, Arkansas
332. Branch (AR), City of, Arkansas
333. Briarcliff (AR), City of, Arkansas
334. Brinkley (AR), City of, Arkansas
335. Brookland (AR), City of, Arkansas
336. Bryant (AR), City of, Arkansas
337. Buckner (AR), City of, Arkansas
338. Bull Shoals (AR), City of, Arkansas
339. Burdette (AR), City of, Arkansas
340. Cabot (AR), City of, Arkansas
341. Caddo Valley (AR), City of, Arkansas
342. Caldwell (AR), City of, Arkansas
343. Cale (AR), City of, Arkansas
344. Calhoun (AR), County of, Arkansas
345. Calico Rock (AR), City of, Arkansas
346. Calion (AR), City of, Arkansas
347. Camden (AR), City of, Arkansas
348. Cammack Village (AR), City of, Arkansas
349. Campbell Station (AR), City of, Arkansas
350. Caraway (AR), City of, Arkansas
351. Carlisle (AR), City of, Arkansas
352. Carroll (AR), County of, Arkansas
353. Carthage (AR), City of, Arkansas
354. Casa (AR), City of, Arkansas
355. Cash (AR), City of, Arkansas
356. Caulksville (AR), City of, Arkansas
357. Cave City (AR), City of, Arkansas
358. Cave Springs (AR), City of, Arkansas
359. Cedarville (AR), City of, Arkansas
360. Centerton (AR), City of, Arkansas
361. Central City (AR), City of, Arkansas
362. Charleston (AR), City of, Arkansas

363. Cherokee Village (AR), City of, Arkansas
364. Cherry Valley (AR), City of, Arkansas
365. Chester (AR), City of, Arkansas
366. Chicot (AR), County of, Arkansas
367. Chidester (AR), City of, Arkansas
368. Clarendon (AR), City of, Arkansas
369. Clark (AR), County of, Arkansas
370. Clarksville (AR), City of, Arkansas
371. Clay (AR), County of, Arkansas
372. Cleburne (AR), County of, Arkansas
373. Cleveland (AR), County of, Arkansas
374. Clinton (AR), City of, Arkansas
375. Coal Hill (AR), City of, Arkansas
376. Colt (AR), City of, Arkansas
377. Columbia (AR), County of, Arkansas
378. Concord (AR), City of, Arkansas
379. Conway (AR), City of, Arkansas
380. Conway (AR), County of, Arkansas
381. Corning (AR), City of, Arkansas
382. Cotter (AR), City of, Arkansas
383. Cotton Plant (AR), City of, Arkansas
384. Cove (AR), City of, Arkansas
385. Coy (AR), City of, Arkansas
386. Craighead (AR), County of, Arkansas
387. Crawford (AR), County of, Arkansas
388. Crawfordsville (AR), City of, Arkansas
389. Crittenden (AR), County of, Arkansas
390. Cross (AR), County of, Arkansas
391. Crossett (AR), City of, Arkansas
392. Cushman (AR), City of, Arkansas
393. Daisy (AR), City of, Arkansas
394. Dallas (AR), County of, Arkansas
395. Damascus (AR), City of, Arkansas
396. Danville (AR), City of, Arkansas
397. Dardanelle (AR), City of, Arkansas
398. Datto (AR), City of, Arkansas
399. De Queen (AR), City of, Arkansas
400. Decatur (AR), City of, Arkansas
401. Delaplaine (AR), City of, Arkansas
402. Delight (AR), City of, Arkansas
403. Dell (AR), City of, Arkansas
404. Denning (AR), City of, Arkansas
405. Dermott (AR), City of, Arkansas
406. Des Arc (AR), City of, Arkansas
407. Desha (AR), County of, Arkansas
408. Devalls Bluff (AR), City of, Arkansas
409. Dewitt (AR), City of, Arkansas
410. Diamond City (AR), City of, Arkansas
411. Diaz (AR), City of, Arkansas
412. Dierks (AR), City of, Arkansas
413. Donaldson (AR), City of, Arkansas
414. Dover (AR), City of, Arkansas
415. Dumas (AR), City of, Arkansas
416. Dyer (AR), City of, Arkansas
417. Dyess (AR), City of, Arkansas
418. Earle (AR), City of, Arkansas
419. East Camden (AR), City of, Arkansas
420. Edmondson (AR), City of, Arkansas
421. Egypt (AR), City of, Arkansas
422. El Dorado (AR), City of, Arkansas
423. Elaine (AR), City of, Arkansas
424. Elkins (AR), City of, Arkansas
425. Elm Springs (AR), City of, Arkansas
426. Emerson (AR), City of, Arkansas
427. Emmet (AR), City of, Arkansas
428. England (AR), City of, Arkansas
429. Enola (AR), City of, Arkansas
430. Etowah (AR), City of, Arkansas
431. Eudora (AR), City of, Arkansas
432. Eureka Springs (AR), City of, Arkansas
433. Evening Shade (AR), City of, Arkansas
434. Everton (AR), City of, Arkansas
435. Fairfield Bay (AR), City of, Arkansas
436. Fargo (AR), City of, Arkansas
437. Farmington (AR), City of, Arkansas
438. Faulkner (AR), County of, Arkansas
439. Felsenthal (AR), City of, Arkansas
440. Fifty-Six (AR), City of, Arkansas
441. Fisher (AR), City of, Arkansas
442. Flippin (AR), City of, Arkansas
443. Fordyce (AR), City of, Arkansas
444. Foreman (AR), City of, Arkansas
445. Forrest City (AR), City of, Arkansas
446. Fort Smith (AR), City of, Arkansas
447. Fouke (AR), City of, Arkansas
448. Fountain Hill (AR), City of, Arkansas
449. Fountain Lake (AR), City of, Arkansas
450. Fourche (AR), City of, Arkansas
451. Franklin (AR), City of, Arkansas
452. Friendship (AR), City of, Arkansas
453. Fulton (AR), City of, Arkansas
454. Fulton (AR), County of, Arkansas
455. Garfield (AR), City of, Arkansas
456. Garland (AR), City of, Arkansas
457. Garland (AR), County of, Arkansas
458. Garner (AR), City of, Arkansas
459. Gassville (AR), City of, Arkansas
460. Gateway (AR), City of, Arkansas
461. Gentry (AR), City of, Arkansas
462. Georgetown (AR), City of, Arkansas
463. Gilbert (AR), City of, Arkansas
464. Gillett (AR), City of, Arkansas
465. Gillham (AR), City of, Arkansas
466. Gilmore (AR), City of, Arkansas
467. Glenwood (AR), City of, Arkansas
468. Goshen (AR), City of, Arkansas

469. Gosnell (AR), City of, Arkansas
470. Gould (AR), City of, Arkansas
471. Grady (AR), City of, Arkansas
472. Grannis (AR), City of, Arkansas
473. Grant (AR), County of, Arkansas
474. Gravette (AR), City of, Arkansas
475. Green Forest (AR), City of, Arkansas
476. Greenbrier (AR), City of, Arkansas
477. Greene (AR), County of, Arkansas
478. Greenland (AR), City of, Arkansas
479. Greenway (AR), City of, Arkansas
480. Greenwood (AR), City of, Arkansas
481. Greers Ferry (AR), City of, Arkansas
482. Griffithville (AR), City of, Arkansas
483. Grubbs (AR), City of, Arkansas
484. Guion (AR), City of, Arkansas
485. Gum Springs (AR), City of, Arkansas
486. Gurdon (AR), City of, Arkansas
487. Guy (AR), City of, Arkansas
488. Hackett (AR), City of, Arkansas
489. Hamburg (AR), City of, Arkansas
490. Hampton (AR), City of, Arkansas
491. Hardy (AR), City of, Arkansas
492. Harrell (AR), City of, Arkansas
493. Harrisburg (AR), City of, Arkansas
494. Harrison (AR), City of, Arkansas
495. Hartford (AR), City of, Arkansas
496. Hartman (AR), City of, Arkansas
497. Haskell (AR), City of, Arkansas
498. Hatfield (AR), City of, Arkansas
499. Havana (AR), City of, Arkansas
500. Haynes (AR), City of, Arkansas
501. Hazen (AR), City of, Arkansas
502. Heber Springs (AR), City of, Arkansas
503. Hector (AR), City of, Arkansas
504. Helena - West Helena (AR), City of, Arkansas
505. Hempstead (AR), County of, Arkansas
506. Hermitage (AR), City of, Arkansas
507. Hickory Ridge (AR), City of, Arkansas
508. Higden (AR), City of, Arkansas
509. Higginson (AR), City of, Arkansas
510. Highfill (AR), City of, Arkansas
511. Highland (AR), City of, Arkansas
512. Hindsville (AR), City of, Arkansas
513. Holland (AR), City of, Arkansas
514. Holly Grove (AR), City of, Arkansas
515. Hope (AR), City of, Arkansas
516. Horatio (AR), City of, Arkansas
517. Horseshoe Bend (AR), City of, Arkansas
518. Horseshoe Lake (AR), City of, Arkansas
519. Hot Spring (AR), County of, Arkansas
520. Hot Springs (AR), City of, Arkansas
521. Houston (AR), City of, Arkansas
522. Howard (AR), County of, Arkansas
523. Hoxie (AR), City of, Arkansas
524. Hughes (AR), City of, Arkansas
525. Humnoke (AR), City of, Arkansas
526. Humphrey (AR), City of, Arkansas
527. Hunter (AR), City of, Arkansas
528. Huntington (AR), City of, Arkansas
529. Huntsville (AR), City of, Arkansas
530. Huttig (AR), City of, Arkansas
531. Imboden (AR), City of, Arkansas
532. Independence (AR), County of, Arkansas
533. Izard (AR), County of, Arkansas
534. Jackson (AR), County of, Arkansas
535. Jacksonport (AR), City of, Arkansas
536. Jacksonville (AR), City of, Arkansas
537. Jasper (AR), City of, Arkansas
538. Jefferson (AR), County of, Arkansas
539. Jennette (AR), City of, Arkansas
540. Jericho (AR), City of, Arkansas
541. Jerome (AR), City of, Arkansas
542. Johnson (AR), City of, Arkansas
543. Johnson (AR), County of, Arkansas
544. Joiner (AR), City of, Arkansas
545. Jonesboro (AR), City of, Arkansas
546. Judsonia (AR), City of, Arkansas
547. Junction City (AR), City of, Arkansas
548. Keiser (AR), City of, Arkansas
549. Kensett (AR), City of, Arkansas
550. Kibler (AR), City of, Arkansas
551. Kingsland (AR), City of, Arkansas
552. Knobel (AR), City of, Arkansas
553. Knoxville (AR), City of, Arkansas
554. La Grange (AR), City of, Arkansas
555. Lafayette (AR), County of, Arkansas
556. Lafe (AR), City of, Arkansas
557. Lake City (AR), City of, Arkansas
558. Lake View (AR), City of, Arkansas
559. Lake Village (AR), City of, Arkansas
560. Lakeview (AR), City of, Arkansas
561. Lamar (AR), City of, Arkansas
562. Lavaca (AR), City of, Arkansas
563. Leachville (AR), City of, Arkansas
564. Lead Hill (AR), City of, Arkansas
565. Lee (AR), County of, Arkansas
566. Leola (AR), City of, Arkansas
567. Lepanto (AR), City of, Arkansas
568. Leslie (AR), City of, Arkansas
569. Lewisville (AR), City of, Arkansas
570. Lincoln (AR), City of, Arkansas
571. Lincoln (AR), County of, Arkansas
572. Little Flock (AR), City of, Arkansas
573. Little River (AR), County of, Arkansas

574. Little Rock (AR), City of, Arkansas
575. Lockesburg (AR), City of, Arkansas
576. Logan (AR), County of, Arkansas
577. London (AR), City of, Arkansas
578. Lonoke (AR), City of, Arkansas
579. Lonoke (AR), County of, Arkansas
580. Louann (AR), City of, Arkansas
581. Luxora (AR), City of, Arkansas
582. Lynn (AR), City of, Arkansas
583. Madison (AR), City of, Arkansas
584. Madison (AR), County of, Arkansas
585. Magazine (AR), City of, Arkansas
586. Magness (AR), City of, Arkansas
587. Magnolia (AR), City of, Arkansas
588. Malvern (AR), City of, Arkansas
589. Mammoth Spring (AR), City of, Arkansas
590. Manila (AR), City of, Arkansas
591. Mansfield (AR), City of, Arkansas
592. Marianna (AR), City of, Arkansas
593. Marie (AR), City of, Arkansas
594. Marion (AR), City of, Arkansas
595. Marion (AR), County of, Arkansas
596. Marked Tree (AR), City of, Arkansas
597. Marmaduke (AR), City of, Arkansas
598. Marvell (AR), City of, Arkansas
599. Maumelle (AR), City of, Arkansas
600. Mayflower (AR), City of, Arkansas
601. Maynard (AR), City of, Arkansas
602. McCaskill (AR), City of, Arkansas
603. McCrae (AR), City of, Arkansas
604. McCrory (AR), City of, Arkansas
605. McDougal (AR), City of, Arkansas
606. McGehee (AR), City of, Arkansas
607. McNab (AR), City of, Arkansas
608. Melbourne (AR), City of, Arkansas
609. Mena (AR), City of, Arkansas
610. Menifee (AR), City of, Arkansas
611. Midland (AR), City of, Arkansas
612. Miller (AR), County of, Arkansas
613. Mineral Springs (AR), City of, Arkansas
614. Minturn (AR), City of, Arkansas
615. Mississippi (AR), County of, Arkansas
616. Mitchellville (AR), City of, Arkansas
617. Monette (AR), City of, Arkansas
618. Monroe (AR), County of, Arkansas
619. Montgomery (AR), County of, Arkansas
620. Monticello (AR), City of, Arkansas
621. Montrose (AR), City of, Arkansas
622. Moorefield (AR), City of, Arkansas
623. Moro (AR), City of, Arkansas
624. Morrilton (AR), City of, Arkansas
625. Morrison Bluff (AR), City of, Arkansas
626. Mount Ida (AR), City of, Arkansas
627. Mount Pleasant (AR), City of, Arkansas
628. Mount Vernon (AR), City of, Arkansas
629. Mountain Home (AR), City of, Arkansas
630. Mountain Pine (AR), City of, Arkansas
631. Mountainburg (AR), City of, Arkansas
632. Mulberry (AR), City of, Arkansas
633. Murfreesboro (AR), City of, Arkansas
634. Nashville (AR), City of, Arkansas
635. Nevada (AR), County of, Arkansas
636. Newark (AR), City of, Arkansas
637. Newport (AR), City of, Arkansas
638. Newton (AR), County of, Arkansas
639. Norfolk (AR), City of, Arkansas
640. Norman (AR), City of, Arkansas
641. Norphlet (AR), City of, Arkansas
642. North Little Rock (AR), City of, Arkansas
643. Oak Grove (AR), City of, Arkansas
644. Oak Grove Heights (AR), City of, Arkansas
645. Oakhaven (AR), City of, Arkansas
646. Oden (AR), City of, Arkansas
647. Ogden (AR), City of, Arkansas
648. Oil Trough (AR), City of, Arkansas
649. O'Kean (AR), City of, Arkansas
650. Okolona (AR), City of, Arkansas
651. Ola (AR), City of, Arkansas
652. Omaha (AR), City of, Arkansas
653. Oppelo (AR), City of, Arkansas
654. Osceola (AR), City of, Arkansas
655. Ouachita (AR), County of, Arkansas
656. Oxford (AR), City of, Arkansas
657. Ozan (AR), City of, Arkansas
658. Ozark (AR), City of, Arkansas
659. Palestine (AR), City of, Arkansas
660. Pangburn (AR), City of, Arkansas
661. Paragould (AR), City of, Arkansas
662. Paris (AR), City of, Arkansas
663. Parkdale (AR), City of, Arkansas
664. Parkin (AR), City of, Arkansas
665. Patmos (AR), City of, Arkansas
666. Patterson (AR), City of, Arkansas
667. Pea Ridge (AR), City of, Arkansas
668. Peach Orchard (AR), City of, Arkansas
669. Perla (AR), City of, Arkansas
670. Perry (AR), City of, Arkansas
671. Perry (AR), County of, Arkansas
672. Perrytown (AR), City of, Arkansas
673. Perryville (AR), City of, Arkansas
674. Phillips (AR), County of, Arkansas
675. Piggott (AR), City of, Arkansas
676. Pike (AR), County of, Arkansas
677. Pindall (AR), City of, Arkansas
678. Pine Bluff (AR), City of, Arkansas

679. Pineville (AR), City of, Arkansas
680. Plainview (AR), City of, Arkansas
681. Pleasant Plains (AR), City of, Arkansas
682. Plumerville (AR), City of, Arkansas
683. Pocahontas (AR), City of, Arkansas
684. Poinsett (AR), County of, Arkansas
685. Polk (AR), County of, Arkansas
686. Pollard (AR), City of, Arkansas
687. Pope (AR), County of, Arkansas
688. Portia (AR), City of, Arkansas
689. Portland (AR), City of, Arkansas
690. Pottsville (AR), City of, Arkansas
691. Powhatan (AR), City of, Arkansas
692. Poyen (AR), City of, Arkansas
693. Prairie (AR), County of, Arkansas
694. Prairie Grove (AR), City of, Arkansas
695. Prattsville (AR), City of, Arkansas
696. Prescott (AR), City of, Arkansas
697. Pulaski (AR), County of, Arkansas
698. Pyatt (AR), City of, Arkansas
699. Quitman (AR), City of, Arkansas
700. Randolph (AR), County of, Arkansas
701. Ratcliff (AR), City of, Arkansas
702. Ravenden (AR), City of, Arkansas
703. Ravenden Springs (AR), City of, Arkansas
704. Rector (AR), City of, Arkansas
705. Redfield (AR), City of, Arkansas
706. Reed (AR), City of, Arkansas
707. Reyno (AR), City of, Arkansas
708. Rison (AR), City of, Arkansas
709. Rockport (AR), City of, Arkansas
710. Roe (AR), City of, Arkansas
711. Rogers (AR), City of, Arkansas
712. Rondo (AR), City of, Arkansas
713. Rose Bud (AR), City of, Arkansas
714. Rosston (AR), City of, Arkansas
715. Rudy (AR), City of, Arkansas
716. Russell (AR), City of, Arkansas
717. Russellville (AR), City of, Arkansas
718. Salem (AR), City of, Arkansas
719. Salesville (AR), City of, Arkansas
720. Saline (AR), County of, Arkansas
721. Scott (AR), County of, Arkansas
722. Scranton (AR), City of, Arkansas
723. Searcy (AR), City of, Arkansas
724. Searcy (AR), County of, Arkansas
725. Sebastian (AR), County of, Arkansas
726. Sedgwick (AR), City of, Arkansas
727. Sevier (AR), County of, Arkansas
728. Shannon Hills (AR), City of, Arkansas
729. Sharp (AR), County of, Arkansas
730. Sheridan (AR), City of, Arkansas
731. Sherrill (AR), City of, Arkansas
732. Sherwood (AR), City of, Arkansas
733. Shirley (AR), City of, Arkansas
734. Sidney (AR), City of, Arkansas
735. Siloam Springs (AR), City of, Arkansas
736. Smackover (AR), City of, Arkansas
737. Smithville (AR), City of, Arkansas
738. South Lead Hill (AR), City of, Arkansas
739. Sparkman (AR), City of, Arkansas
740. Springdale (AR), City of, Arkansas
741. Springtown (AR), City of, Arkansas
742. St. Charles (AR), City of, Arkansas
743. St. Francis (AR), City of, Arkansas
744. St. Francis (AR), County of, Arkansas
745. St. Joe (AR), City of, Arkansas
746. St. Paul (AR), City of, Arkansas
747. Stamps (AR), City of, Arkansas
748. Star City (AR), City of, Arkansas
749. Stephens (AR), City of, Arkansas
750. Stone (AR), County of, Arkansas
751. Strawberry (AR), City of, Arkansas
752. Strong (AR), City of, Arkansas
753. Stuttgart (AR), City of, Arkansas
754. Subiaco (AR), City of, Arkansas
755. Success (AR), City of, Arkansas
756. Sulphur Rock (AR), City of, Arkansas
757. Sulphur Springs (AR), City of, Arkansas
758. Summit (AR), City of, Arkansas
759. Sunset (AR), City of, Arkansas
760. Swifton (AR), City of, Arkansas
761. Taylor (AR), City of, Arkansas
762. Texarkana (AR), City of, Arkansas
763. Thornton (AR), City of, Arkansas
764. Tillar (AR), City of, Arkansas
765. Tinsman (AR), City of, Arkansas
766. Tollette (AR), City of, Arkansas
767. Tontitown (AR), City of, Arkansas
768. Traskwood (AR), City of, Arkansas
769. Trumann (AR), City of, Arkansas
770. Tuckerman (AR), City of, Arkansas
771. Tull (AR), City of, Arkansas
772. Tupelo (AR), City of, Arkansas
773. Turrell (AR), City of, Arkansas
774. Twin Groves (AR), City of, Arkansas
775. Tyronza (AR), City of, Arkansas
776. Ulm (AR), City of, Arkansas
777. Union (AR), County of, Arkansas
778. Valley Springs (AR), City of, Arkansas
779. Van Buren (AR), City of, Arkansas
780. Van Buren (AR), County of, Arkansas
781. Vandervoort (AR), City of, Arkansas
782. Victoria (AR), City of, Arkansas
783. Vilonia (AR), City of, Arkansas
784. Viola (AR), City of, Arkansas

785. Wabbaseka (AR), City of, Arkansas
786. Waldenburg (AR), City of, Arkansas
787. Waldo (AR), City of, Arkansas
788. Waldron (AR), City of, Arkansas
789. Walnut Ridge (AR), City of, Arkansas
790. Ward (AR), City of, Arkansas
791. Warren (AR), City of, Arkansas
792. Washington (AR), City of, Arkansas
793. Washington (AR), County of, Arkansas
794. Watson (AR), City of, Arkansas
795. Weiner (AR), City of, Arkansas
796. Weldon (AR), City of, Arkansas
797. West Fork (AR), City of, Arkansas
798. West Memphis (AR), City of, Arkansas
799. West Point (AR), City of, Arkansas
800. Western Grove (AR), City of, Arkansas
801. Wheatley (AR), City of, Arkansas
802. Whelen Springs (AR), City of, Arkansas
803. White (AR), County of, Arkansas
804. White Hall (AR), City of, Arkansas
805. Wickes (AR), City of, Arkansas
806. Widener (AR), City of, Arkansas
807. Wiederkehr Village (AR), City of, Arkansas
808. Williford (AR), City of, Arkansas
809. Willisville (AR), City of, Arkansas
810. Wilmar (AR), City of, Arkansas
811. Wilmot (AR), City of, Arkansas
812. Wilson (AR), City of, Arkansas
813. Wilton (AR), City of, Arkansas
814. Winchester (AR), City of, Arkansas
815. Winslow (AR), City of, Arkansas
816. Winthrop (AR), City of, Arkansas
817. Woodruff (AR), County of, Arkansas
818. Wooster (AR), City of, Arkansas
819. Wrightsville (AR), City of, Arkansas
820. Wynne (AR), City of, Arkansas
821. Yell (AR), County of, Arkansas
822. Yellville (AR), City of, Arkansas
823. Zinc (AR), City of, Arkansas
824. Alameda (CA), County of, California
825. Amador (CA), County of, California
826. Anaheim (CA), City of, California
827. Butte (CA), County of, California
828. Calaveras (CA), County of, California
829. Chico (CA), City of, California
830. Chula Vista (CA), City of, California
831. Clearlake (CA), City of, California
832. Contra Costa (CA), County of, California
833. Costa Mesa (CA), City of, California
834. Del Norte (CA), County of, California
835. Downey Unified School District (CA), California
836. Dublin (CA), City of, California
837. El Dorado (CA), County of, California
838. El Monte (CA), City of, California
839. Elk Grove Unified School District (CA), California
840. Encinitas (CA), City of, California
841. Eureka (CA), City of, California
842. Fresno (CA), County of, California
843. Fullerton (CA), City of, California
844. Glenn (CA), County of, California
845. Health Plan of San Joaquin (CA), California
846. Humboldt (CA), County of, California
847. Huntington Beach (CA), City of, California
848. Imperial (CA), County of, California
849. Inland Empire Health Plan (CA), California
850. Inyo (CA), County of, California
851. Irvine (CA), City of, California
852. Kern (CA), County of, California
853. Kern High School District (CA), California
854. La Habra (CA), City of, California
855. La Mesa (CA), City of, California
856. Laguna Beach (CA), City of, California
857. Lakeport (CA), City of, California
858. Lassen (CA), County of, California
859. Los Angeles (CA), City of, California
860. Los Angeles County o/a L.A. Care Health Plan (CA), Local Initiative Health Authority
861. Madera (CA), County of, California
862. Marin (CA), County of, California
863. Mariposa (CA), County of, California
864. Mendocino (CA), County of, California
865. Merced (CA), County of, California
866. Modoc (CA), County of, California
867. Mono (CA), County of, California
868. Monterey (CA), County of, California
869. Montezuma (CA), Fire Protection District, California
870. Murrieta (CA), City of, California
871. Napa (CA), County of, California
872. Nevada (CA), County of, California
873. Oxnard (CA), City of, California
874. Placentia (CA), City of, California
875. Placer (CA), County of, California
876. Plumas (CA), County of, California
877. Riverside (CA), County of, California
878. Sacramento (CA), City of, California
879. Sacramento (CA), County of, California
880. San Benito (CA), County of, California
881. San Bernardino (CA), County of, California
882. San Clemente (CA), City of, California

883. San Diego (CA), City of, California
884. San Diego (CA), County of, California
885. San Francisco (CA), City of, California
886. San Joaquin (CA), County of, California
887. San Jose (CA), City of, California
888. San Luis Obispo (CA), County of, California
889. San Mateo (CA), County of, California
890. Santa Ana (CA), City of, California
891. Santa Barbara (CA), County of, California
892. Santa Barbara San Luis Obispo Regional Heath Authority, d/b/a Central Hospital (CA), California
893. Santa Cruz (CA), County of, California
894. Shasta (CA), County of, California
895. Siskiyou (CA), County of, California
896. Sonoma (CA), County of, California
897. Stockton (CA), City of, California
898. Sutter (CA), County of, California
899. Tehama (CA), County of, California
900. Trinity (CA), County of, California
901. Tulare (CA), County of, California
902. Tuolumne (CA), County of, California
903. Ventura (CA), County of, California
904. Ventura County Medi-Cal Managed Care Commission d/b/a Gold Coast Health Plan (CA), California
905. Westminster (CA), City of, California
906. Yolo (CA), County of, California
907. Yuba (CA), County of, California
908. Adams (CO), County of (Board of Commissioners), Colorado
909. Alamosa (CO), City of, Colorado
910. Alamosa (CO), County of, Colorado
911. Arapahoe (CO), County of (Board of Commissioners), Colorado
912. Aurora (CO), City of, Colorado
913. Black Hawk (CO), City of, Colorado
914. Boulder (CO), County of (Board of Commissioners), Colorado
915. Brighton (CO), City of, Colorado
916. Broomfield (CO), City of, Colorado
917. Chaffee (CO), County of, Colorado
918. Commerce City (CO), City of, Colorado
919. Conejos (CO), County of, Colorado
920. Crowley (CO), County of, Colorado
921. Denver (CO), City of, Colorado
922. Federal Heights (CO), City of, Colorado
923. Fremont (CO), County of (Board of Commissioners), Colorado
924. Greeley (CO), City of, Colorado
925. Hudson (CO), City of, Colorado
926. Huerfano (CO), County of, Colorado
927. Jefferson (CO), County of (Board of Commissioners), Colorado
928. Lakewood (CO), City of, Colorado
929. Larimer (CO), County of (Board of Commissioners), Colorado
930. Las Animas (CO), County of, Colorado
931. Mesa (CO), County of (Board of Commissioners), Colorado
932. Mesa County Valley School District 51 (CO), Colorado
933. Northglenn (CO), City of, Colorado
934. Otero (CO), County of, Colorado
935. Pueblo (CO), County of, Colorado
936. Sheridan (CO), City of, Colorado
937. Teller (CO), County of (Board of Commissioners), Colorado
938. Thornton (CO), City of, Colorado
939. Tri-County Health Department (CO), Colorado
940. Westminster (CO), City of, Colorado
941. Wheat Ridge (CO), City of, Colorado
942. Ansonia (CT), City of, Connecticut
943. Beacon Falls (CT), Town of, Connecticut
944. Berlin (CT), Town of, Connecticut
945. Bethlehem (CT), Town of, Connecticut
946. Bridgeport (CT), City of, Connecticut
947. Bristol (CT), City of, Connecticut
948. Coventry (CT), Town of, Connecticut
949. Danbury (CT), City of, Connecticut
950. Derby (CT), City of, Connecticut
951. East Hartford (CT), Town of, Connecticut
952. Enfield (CT), Town of, Connecticut
953. Fairfield (CT), Town of, Connecticut
954. Middlebury (CT), Town of, Connecticut
955. Middletown (CT), City of, Connecticut
956. Milford (CT), City of, Connecticut
957. Monroe (CT), Town of, Connecticut
958. Naugatuck (CT), Borough of, Connecticut
959. New London (CT), City of, Connecticut
960. New Milford (CT), Town of, Connecticut
961. Newtown (CT), Town of, Connecticut
962. North Haven (CT), Town of, Connecticut
963. Norwalk (CT), City of, Connecticut
964. Norwich (CT), City of, Connecticut
965. Oxford (CT), Town of, Connecticut
966. Prospect (CT), Town of, Connecticut
967. Roxbury (CT), Town of, Connecticut
968. Seymour (CT), Town of, Connecticut
969. Shelton (CT), City of, Connecticut
970. Southbury (CT), Town of, Connecticut
971. Southington (CT), Town of, Connecticut
972. Stratford (CT), Town of, Connecticut
973. Thomaston (CT), Town of, Connecticut

974. Tolland (CT), Town of, Connecticut
975. Torrington (CT), City of, Connecticut
976. Wallingford (CT), Town of, Connecticut
977. Waterbury (CT), City of, Connecticut
978. West Haven (CT), City of, Connecticut
979. Wethersfield (CT), Town of, Connecticut
980. Windham (CT), Town of, Connecticut
981. Wolcott (CT), Town of, Connecticut
982. Woodbury (CT), Town of, Connecticut
983. Dover (DE), City of, Delaware
984. Kent (DE), County of, Delaware
985. Seaford (DE), City of, Delaware
986. Sussex (DE), County of, Delaware
987. Alachua (FL), County of, Florida
988. Apopka (FL), City of, Florida
989. Bay (FL), County of, Florida
990. Bradenton (FL), City of, Florida
991. Bradford (FL), County of, Florida
992. Brevard (FL), County of, Florida
993. Broward (FL), County of, Florida
994. Calhoun (FL), County of, Florida
995. Clay (FL), County of, Florida
996. Clearwater (FL), City of, Florida
997. Coconut Creek (FL), City of, Florida
998. Coral Gables (FL), City of, Florida
999. Coral Springs (FL), City of, Florida
1000. Daytona Beach (FL), City of, Florida
1001. Daytona Beach Shores (FL), City of, Florida
1002. Deerfield Beach (FL), City of, Florida
1003. Delray Beach (FL), City of, Florida
1004. Deltona (FL), City of, Florida
1005. Dixie (FL), County of, Florida
1006. Eatonville (FL), Town of, Florida
1007. Escambia (FL), County of, Florida
1008. Florida City (FL), City of, Florida
1009. Fort Lauderale (FL), City of, Florida
1010. Fort Pierce (FL), City of, Florida
1011. Gilchrist (FL), County of, Florida
1012. Gulf (FL), County of, Florida
1013. Halifax Hospital Medical Center (FL), Florida
1014. Hallandale Beach (FL), City of, Florida
1015. Hamilton (FL), County of, Florida
1016. Hernando (FL), County of, Florida
1017. Hillsborough (FL), County of, Florida
1018. Holmes (FL), County of, Florida
1019. Homestead (FL), City of, Florida
1020. Jackson (FL), County of, Florida
1021. Jacksonville (FL), City of, Florida
1022. Lake (FL), County of, Florida
1023. Lauderhill (FL), City of, Florida
1024. Lee (FL), County of, Florida
1025. Lee Memorial Health System, d/b/a Lee Health (FL), Florida
1026. Leon (FL), County of, Florida
1027. Levy (FL), County of, Florida
1028. Lynn Haven (FL), City of, Florida
1029. Manatee (FL), County of, Florida
1030. Marion (FL), County of, Florida
1031. Miami (FL), City of, Florida
1032. Miami Gardens (FL), City of, Florida
1033. Miami-Dade (FL), County of, Florida
1034. Miami-Dade (FL), School Board of, Florida
1035. Miramar (FL), City of, Florida
1036. Monroe (FL), County of (County Commission), Florida
1037. New Port Richey (FL), City of, Florida
1038. Niceville, City of (FL), Florida
1039. North Broward Hospital District (FL), Florida
1040. North Miami (FL), City of, Florida
1041. Ocala (FL), City of, Florida
1042. Ocoee (FL), City of, Florida
1043. Okaloosa (FL), County of, Florida
1044. Orange (FL), County of, Florida
1045. Orlando (FL), City of, Florida
1046. Ormond Beach (FL), City of, Florida
1047. Osceola (FL), County of, Florida
1048. Oviedo (FL), City of, Florida
1049. Palatka (FL), City of, Florida
1050. Palm Bay (FL), City of, Florida
1051. Palm Beach (FL), County of, Florida
1052. Palmetto (FL), City of, Florida
1053. Panama City (FL), City of, Florida
1054. Pasco (FL), County of, Florida
1055. Pembroke Pines (FL), City of, Florida
1056. Pensacola (FL), City of, Florida
1057. Pinellas (FL), County of, Florida
1058. Pinellas Park (FL), City of, Florida
1059. Polk (FL), County of, Florida
1060. Pompano Beach (FL), City of, Florida
1061. Port St. Lucie (FL), City of, Florida
1062. Putnam (FL), County of, Florida
1063. Sanford (FL), City of, Florida
1064. Santa Rosa (FL), County of, Florida
1065. Sarasota (FL), City of, Florida
1066. Sarasota (FL), County of, Florida
1067. Sarasota County Public Hospital District d/b/a Memorial Healthcare System, Inc. (FL), Florida
1068. Seminole (FL), County of, Florida
1069. St. Augustine (FL), City of, Florida
1070. St. Johns (FL), County of, Florida
1071. St. Lucie (FL), County of, Florida

1072. St. Petersburg (FL), City of, Florida
1073. Stuart (FL), City of, Florida
1074. Suwannee (FL), County of, Florida
1075. Sweetwater (FL), City of, Florida
1076. Tallahassee (FL), City of, Florida
1077. Tampa (FL), City of, Florida
1078. Taylor (FL), County of, Florida
1079. Union (FL), County of, Florida
1080. Volusia (FL), County of, Florida
1081. Walton (FL), County of, Florida
1082. Washington (FL), County of, Florida
1083. West Volusia Hospital Authority (FL), Florida
1084. Adel (GA), City of, Georgia
1085. Advantage Behavioral Health Systems (GA), Georgia
1086. Albany (GA), City of, Georgia
1087. Albany Area Community Service Board d/b/a Aspire Behavioral Health & Developmental Disability Services (GA), Georgia
1088. Alma (GA), City of, Georgia
1089. Appling (GA), County of, Georgia
1090. Appling (GA), County of (County Sheriff Mark Melton), Georgia
1091. Arlington (GA), City of, Georgia
1092. Athens-Clarke County (GA), The Unified Government of, Georgia
1093. Atkinson (GA), County of, Georgia
1094. Atlanta (GA), City of, Georgia
1095. Augusta (GA), City of; Augusta (GA), County of, Georgia
1096. Bacon (GA), County of, Georgia
1097. Bainbridge (GA), City of, Georgia
1098. Baldwin (GA), County of (Sheriff William C. Massee, Jr.), Georgia
1099. Banks (GA), County of, Georgia
1100. Bartow (GA), County of, Georgia
1101. Ben Hill (GA), County of, Georgia
1102. Berrien (GA), County of, Georgia
1103. Bibb (GA), County of (Sheriff David J. Davis), Georgia
1104. Bibb County School District (GA), Georgia
1105. Blackshear (GA), City of, Georgia
1106. Blakely (GA), City of, Georgia
1107. Brantley (GA), County of, Georgia
1108. Brooks (GA), County of, Georgia
1109. Brunswick (GA), City of, Georgia
1110. Bulloch (GA), County of, Georgia
1111. Burke (GA), County of, Georgia
1112. Butts (GA), County of, Georgia
1113. Camden (GA), County of, Georgia
1114. Candler (GA), County of, Georgia
1115. Candler County (GA), Hospital Authority, Georgia
1116. Carroll (GA), County of, Georgia
1117. Cartersville (GA), City of, Georgia
1118. Catoosa (GA), County of, Georgia
1119. Charlton (GA), County of, Georgia
1120. Chatham (GA), County of, Georgia
1121. Chatham County Hospital Authority (GA), Georgia
1122. Chattooga (GA), County of, Georgia
1123. Cherokee (GA), County of, Georgia
1124. Clay (GA), County of, Georgia
1125. Clayton (GA), County of, Georgia
1126. Clayton Community MH/SA/DS Service Board (GA), Georgia
1127. Clinch (GA), County of, Georgia
1128. Clinch County (GA) Hospital Authority, Georgia
1129. Cobb (GA) County of, Georgia
1130. Cobb County Community Service Board (GA), Georgia
1131. Coffee (GA), County of (Sheriff Doyle T. Wooten), Georgia
1132. Columbia (GA), County of, Georgia
1133. Columbus (GA), City of, Georgia
1134. Community Mental Health Center of East Central Georgia d/b/a Serenity Behavioral Health Systems (GA), Georgia
1135. Community Service Board of Middle Georgia (GA), Georgia
1136. Cook (GA), County of, Georgia
1137. Crawford (GA), County of (Sheriff Lewis S. Walker), Georgia
1138. Crisp (GA), County of, Georgia
1139. Crisp (GA), County of (Sheriff H.W. Hancock), Georgia
1140. Dade (GA), County of, Georgia
1141. Damascus (GA), City of, Georgia
1142. Dawson (GA), City of, Georgia
1143. Dawson (GA), County of, Georgia
1144. Decatur (GA), County of, Georgia
1145. DeKalb (GA) County of, Georgia
1146. Demorest (GA), City of, Georgia
1147. Dodge County Hospital Authority d/b/a Dodge County Hospital (GA), Georgia
1148. Dooly (GA), County of, Georgia
1149. Doraville (GA), City of, Georgia
1150. Dougherty (GA), County of, Georgia
1151. Douglas (GA), County of, Georgia
1152. Dunwoody (GA), City of, Georgia
1153. Early (GA), County of, Georgia
1154. Echols (GA), County of, Georgia
1155. Effingham (GA), County of, Georgia

1156. Elbert (GA), County of, Georgia
1157. Emanuel (GA), County of, Georgia
1158. Evans (GA), County of, Georgia
1159. Evans Memorial Hospital, Inc. (GA), Georgia
1160. Fannin (GA), County of, Georgia
1161. Fayette (GA), County of, Georgia
1162. Fitzgerald (GA), City of, Georgia
1163. Floyd (GA), County of, Georgia
1164. Forsyth (GA), County of, Georgia
1165. Fulton (GA), County of, Georgia
1166. Gainesville (GA), City of, Georgia
1167. Gateway Community Service Board (GA), Georgia
1168. Georgia Mountains Community Services d/b/a Avita Community Partners (GA), Georgia
1169. Georgia Pines Community Service Board (GA), Georgia
1170. Glascock (GA), County of, Georgia
1171. Glynn (GA), County of, Georgia
1172. Glynn (GA), County of (Sheriff E. Neal Jump), Georgia
1173. Grady (GA), County of, Georgia
1174. Greene (GA), County of, Georgia
1175. Gwinnett (GA), County of, Georgia
1176. Habersham (GA), County of, Georgia
1177. Habersham County Medical Center (GA), Georgia
1178. Hall (GA), County of, Georgia
1179. Hancock (GA), County of, Georgia
1180. Harris (GA), County of (Sheriff Mike Jolley), Georgia
1181. Heard (GA), County of, Georgia
1182. Henry (GA), County of, Georgia
1183. Highland Rivers Community Service Board d/b/a Highland Rivers Health (GA), Georgia
1184. Hospital Authority of Bainbridge and Decatur County (GA), Georgia
1185. Hospital Authority of Baxley and Appling County (GA), Georgia
1186. Hospital Authority of Bleckley County (GA) d/b/a Bleckley Memorial Hospital, Georgia
1187. Houston (GA), County of, Georgia
1188. Houston (GA), County of (Sheriff Cullen Talton), Georgia
1189. Irwin (GA), County of, Georgia
1190. Jackson (GA), County of, Georgia
1191. Jasper (GA), County of, Georgia
1192. Jeff Davis (GA), County of, Georgia
1193. Jeff Davis (GA), County of (Sheriff Preston Bohannon), Georgia
1194. Jefferson (GA), County of, Georgia
1195. Johnson (GA), County of, Georgia
1196. Jones (GA), County of, Georgia
1197. Jones (GA), County of (Sheriff R.N. Butch Reece), Georgia
1198. Lakeland (GA), City of, Georgia
1199. Lanier (GA), County of, Georgia
1200. Laurens (GA), County of, Georgia
1201. Laurens (GA), County of (Sheriff Larry H. Dean), Georgia
1202. Lee (GA), County of, Georgia
1203. Liberty (GA), County of, Georgia
1204. Lincoln (GA), County of, Georgia
1205. Long (GA), County of, Georgia
1206. Lookout Mountain Community Service Board (GA), Georgia
1207. Lowndes (GA), County of, Georgia
1208. Lumpkin (GA), County of, Georgia
1209. Macon (GA), County of, Georgia
1210. Macon-Bibb County (GA), Unified Government of, Georgia
1211. Madison (GA), County of, Georgia
1212. McDuffie (GA), County of, Georgia
1213. McIntosh (GA), County of, Georgia
1214. Meriwether (GA), County of, Georgia
1215. Meriwether (GA), County of (Sheriff Chuck Smith), Georgia
1216. Middle Flint Area Community Service Board d/b/a Middle Flint Behavioral Healthcare (GA), Georgia
1217. Milledgeville (GA), City of, Georgia
1218. Monroe (GA), County of, Georgia
1219. Montgomery (GA), County of, Georgia
1220. Murray (GA), County of (Sheriff Gary Langford), Georgia
1221. Nashville (GA), City of, Georgia
1222. New Horizons Community Service Board (GA), Georgia
1223. Newton (GA), County of, Georgia
1224. Oconee (GA), County of, Georgia
1225. Oconee (GA), County of (Sheriff Scott R. Berry), Georgia
1226. Oglethorpe (GA), County of, Georgia
1227. Peach (GA), County of, Georgia
1228. Peach (GA), County of (Sheriff Terry Deese), Georgia
1229. Pierce (GA), County of, Georgia
1230. Pierce (GA), County of (Sheriff Ramsey Bennett), Georgia
1231. Pike (GA), County of, Georgia

1232. Pineland Behavioral Health and Developmental Disabilities CSB (GA), Georgia
1233. Polk (GA), County of, Georgia
1234. Pooler (GA), City of, Georgia
1235. Pulaski (GA), County of, Georgia
1236. Rabun (GA), County of, Georgia
1237. Randolph (GA), County of, Georgia
1238. Richmond Hill (GA), City of, Georgia
1239. River Edge Behavioral Health (GA), Georgia
1240. Rockdale (GA), County of, Georgia
1241. Rome (GA), City of, Georgia
1242. Sandy Springs (GA), City of, Georgia
1243. Satilla Community Services d/b/a Unison Behavioral Health (GA), Georgia
1244. Savannah (GA), City of, Georgia
1245. Schley (GA), County of, Georgia
1246. Screven (GA), County of, Georgia
1247. Screven (GA), County of (Sheriff Mike Kile), Georgia
1248. Seminole (GA), County of, Georgia
1249. Spalding (GA), County of, Georgia
1250. Springfield (GA), City of, Georgia
1251. Stephens (GA), County of, Georgia
1252. Sumter (GA), County of, Georgia
1253. Taliaferro (GA), County of, Georgia
1254. Tattnall (GA), County of, Georgia
1255. Telfair (GA), County of (Sheriff Chris Steverson), Georgia
1256. Tift (GA), County of (Sheriff Gene Scarbrough), Georgia
1257. Tifton (GA), City of, Georgia
1258. Toombs (GA), County of, Georgia
1259. Towns (GA), County of, Georgia
1260. Troup (GA), County of, Georgia
1261. Twiggs (GA), County of, Georgia
1262. Union (GA), County of, Georgia
1263. Valdosta and Lowndes County (GA), Hospital Authority of d/b/a South Georgia Medical Center, Georgia
1264. Walton (GA), County of, Georgia
1265. Ware (GA), County of (Sheriff Randy F. Royal), Georgia
1266. Warren (GA), County of, Georgia
1267. Warwick (GA), City of, Georgia
1268. Washington (GA), County of, Georgia
1269. Wayne (GA), County of, Georgia
1270. Wayne (GA), County of (Sheriff John G. Carter), Georgia
1271. Wayne County (GA), Hospital Authority, Georgia
1272. Whitfield (GA), County of, Georgia
1273. Wilcox (GA), County of, Georgia
1274. Wilkes (GA), County of, Georgia
1275. Wilkinson (GA), County of, Georgia
1276. Woodbury (GA), City of, Georgia
1277. Worth (GA), County of, Georgia
1278. Kaua'i (HI), County of, Hawaii
1279. Ada (ID), County of, Idaho
1280. Adams (ID), County of, Idaho
1281. Bannock (ID), County of, Idaho
1282. Bingham (ID), County of, Idaho
1283. Blaine (ID), County of, Idaho
1284. Boise (ID), City of, Idaho
1285. Boise (ID), County of, Idaho
1286. Bonneville (ID), County of, Idaho
1287. Camas (ID), County of, Idaho
1288. Canyon (ID), County of, Idaho
1289. Caribou (ID), County of, Idaho
1290. Cassia (ID), County of, Idaho
1291. Chubbuck (ID), City of, Idaho
1292. Elmore (ID), County of, Idaho
1293. Gooding (ID), County of, Idaho
1294. Latah (ID), County of, Idaho
1295. Minidoka (ID), County of, Idaho
1296. Owyhee (ID), County of, Idaho
1297. Payette (ID), County of, Idaho
1298. Pocatello (ID), City of, Idaho
1299. Preston (ID), City of, Idaho
1300. Twin Falls (ID), City of, Idaho
1301. Twin Falls (ID), County of, Idaho
1302. Addison (IL), Village of, Illinois
1303. Alexander (IL), County of, Illinois
1304. Anna (IL), City of, Illinois
1305. Anna Hospital Corporation d/b/a Union County Hospital (IL), Illinois
1306. Bedford Park (IL), Village of, Illinois
1307. Bellwood (IL), Village of, Illinois
1308. Bensenville (IL), Village of, Illinois
1309. Benton (IL), City of, Illinois
1310. Berkeley (IL), Village of, Illinois
1311. Berwyn (IL), City of, Illinois
1312. Board of Education of East Aurora, School District 131 (IL), Illinois
1313. Board of Education of Joliet Township High School, District 204 (IL), Illinois
1314. Board of Education of Thornton Fractional Township High Schools, District 215 (IL), Illinois
1315. Board of Education of Thornton Township High Schools, District 205 (IL), Illinois
1316. Bolingbrook (IL), Village of, Illinois
1317. Bond (IL), County of, Illinois
1318. Bridgeview (IL), Village of, Illinois
1319. Broadview (IL), Village of, Illinois

1320. Burbank (IL), City of, Illinois
1321. Bureau (IL), County of, Illinois
1322. Calhoun (IL), County of, Illinois
1323. Carbondale (IL), City of, Illinois
1324. Chicago (IL), Board of Education, School District No. 299, Illinois
1325. Chicago (IL), City of, Illinois
1326. Chicago Heights (IL), City of, Illinois
1327. Chicago Ridge (IL), Village of, Illinois
1328. Christian (IL), County of, Illinois
1329. Coles (IL), County of, Illinois
1330. Cook (IL), County of, Illinois
1331. Countryside (IL), City of, Illinois
1332. Dekalb (IL), County of, Illinois
1333. Dolton (IL), Village of, Illinois
1334. DuPage (IL), County of, Illinois
1335. Edwards (IL), County of, Illinois
1336. Effingham (IL), County of, Illinois
1337. Evergreen Park (IL), Village of, Illinois
1338. Forest Park (IL), Village of, Illinois
1339. Franklin (IL), County of, Illinois
1340. Franklin Park (IL), Village of, Illinois
1341. Gallatin (IL), County of, Illinois
1342. Granite City (IL), City of, Illinois
1343. Hamilton (IL), County of, Illinois
1344. Hardin (IL) County of, Illinois
1345. Harrisburg (IL), City of, Illinois
1346. Harvey (IL), City of, Illinois
1347. Harwood Heights (IL), Village of, Illinois
1348. Henry (IL), County of, Illinois
1349. Herrin (IL), City of, Illinois
1350. Hillside (IL), Village of, Illinois
1351. Hodgkins (IL), Village of, Illinois
1352. Hoffman Estates (IL), Village of, Illinois
1353. Jasper (IL), County of, Illinois
1354. Jefferson (IL), County of, Illinois
1355. Jersey (IL), County of, Illinois
1356. Johnson (IL), County of, Illinois
1357. Kane (IL), County of, Illinois
1358. Kankakee (IL), City of, Illinois
1359. Kendall (IL), County of, Illinois
1360. La Grange Park (IL), Village of, Illinois
1361. Lake (IL), County of, Illinois
1362. LaSalle (IL), County of, Illinois
1363. Lawrence (IL), County of, Illinois
1364. Lee (IL), County of, Illinois
1365. Livingston (IL), County of, Illinois
1366. Lyons (IL), Township of, Illinois
1367. Lyons (IL), Village of, Illinois
1368. Macoupin (IL), County of, Illinois
1369. Marion (IL), City of, Illinois
1370. Marion (IL), County of, Illinois
1371. Massac (IL), County of, Illinois
1372. Massac Memorial, LLC d/b/a Massac Memorial Hospital (IL), Illinois
1373. Maywood (IL), Village of, Illinois
1374. McCook (IL), Village of, Illinois
1375. McHenry (IL), County of, Illinois
1376. McLean (IL), County of, Illinois
1377. Melrose Park (IL), Village of, Illinois
1378. Merrionette Park (IL), Village of, Illinois
1379. Metropolis (IL), City of, Illinois
1380. North Riverside (IL), Village of, Illinois
1381. Northlake (IL), City of, Illinois
1382. Oak Lawn (IL), Village of, Illinois
1383. Oak Park (IL), Village of, Illinois
1384. Orland Fire Protection District (IL), Illinois
1385. Orland Park (IL), Village of, Illinois
1386. Palos Heights (IL), City of, Illinois
1387. Palos Hills (IL), City of, Illinois
1388. Pekin (IL), City of, Illinois
1389. Peoria (IL), City of, Illinois
1390. Piatt (IL), County of, Illinois
1391. Posen (IL), Village of, Illinois
1392. Princeton (IL), City of, Illinois
1393. Pulaski (IL), County of, Illinois
1394. River Forest (IL), Village of, Illinois
1395. River Grove (IL), Village of, Illinois
1396. Riverside (IL), Village of, Illinois
1397. Rockford (IL), City of, Illinois
1398. Saline (IL), County of, Illinois
1399. Sangamon (IL), County of, Illinois
1400. Schiller Park (IL), Village of, Illinois
1401. Schuyler (IL), County of, Illinois
1402. Sesser (IL), City of, Illinois
1403. Shelby (IL), County of, Illinois
1404. St. Clair (IL), County of, Illinois
1405. Stone Park (IL), Village of, Illinois
1406. Streator (IL), City of, Illinois
1407. Summit (IL), Village of, Illinois
1408. Tinley Park (IL), Village of, Illinois
1409. Union (IL), County of, Illinois
1410. Wabash (IL), County of, Illinois
1411. Washington (IL), County of, Illinois
1412. Waukegan Community Unit School District (IL), Illinois
1413. West Frankfort (IL), City of, Illinois
1414. West Franklin (IL), County of (Central Dispatch), Illinois
1415. White (IL), County of, Illinois
1416. Will (IL), County of, Illinois
1417. Williamson (IL), County of, Illinois
1418. Winnebago (IL), County of, Illinois
1419. Alexandria (IN), City of, Indiana
1420. Allen (IN), County of (Board of Commissioners), Indiana

1421. Atlanta (IN), Town of, Indiana
1422. Austin (IN), City of, Indiana
1423. Beech Grove (IN), City of, Indiana
1424. Benton (IN), County of, Indiana
1425. Blackford (IN), County of, Indiana
1426. Bloomington (IN), City of, Indiana
1427. Brownstown (IN), Town of, Indiana
1428. Chandler (IN), Town of, Indiana
1429. Connersville (IN), City of, Indiana
1430. Danville (IN), Town of, Indiana
1431. Delaware (IN), County of, Indiana
1432. Elwood (IN), City of, Indiana
1433. Evansville (IN), City of, Indiana
1434. Fayette (IN), County of, Indiana
1435. Fishers (IN), City of, Indiana
1436. Fort Wayne (IN), City of, Indiana
1437. Fort Wayne Community Schools (IN), Indiana
1438. Franklin (IN), City of, Indiana
1439. Franklin (IN), County of (Board of Commissioners), Indiana
1440. Gary (IN), City of, Indiana
1441. Greenwood (IN), City of, Indiana
1442. Hammond (IN), City of, Indiana
1443. Harrison (IN), County of, Indiana
1444. Hartford (IN), City of, Indiana
1445. Howard (IN), County of, Indiana
1446. Huntington (IN), City of, Indiana
1447. Indianapolis (IN), City of, Indiana
1448. Jackson (IN), County of, Indiana
1449. Jasper (IN), City of, Indiana
1450. Jay (IN), County of, Indiana
1451. Jeffersonville (IN), City of, Indiana
1452. Jennings (IN), County of, Indiana
1453. Kokomo (IN), City of, Indiana
1454. Lafayette (IN), City of, Indiana
1455. Lake (IN), County of, Indiana
1456. LaPorte (IN), County of, Indiana
1457. Lawrence (IN), City of, Indiana
1458. Lawrence (IN), County of, Indiana
1459. Logansport (IN), City of, Indiana
1460. Madison (IN), City of, Indiana
1461. Madison (IN), County of, Indiana
1462. Marion (IN), County of, Indiana
1463. Marshall (IN), County of, Indiana
1464. Martinsville (IN), City of, Indiana
1465. Mishawaka (IN), City of, Indiana
1466. Monroe (IN), County of, Indiana
1467. Montpelier (IN), City of, Indiana
1468. Mooresville (IN), Town of, Indiana
1469. Morgan (IN), County of, Indiana
1470. Muncie (IN), City of, Indiana
1471. New Albany (IN), City of, Indiana
1472. New Castle (IN), City of, Indiana
1473. Noblesville (IN), City of, Indiana
1474. Orange (IN), County of, Indiana
1475. Pendleton (IN), Town of, Indiana
1476. Penn-Harris-Madison School Corporation (IN), Indiana
1477. Peru (IN), City of, Indiana
1478. Plainfield (IN), Town of, Indiana
1479. Porter (IN), County of, Indiana
1480. Portland (IN), City of, Indiana
1481. Pulaski (IN), County of, Indiana
1482. Richmond (IN), City of, Indiana
1483. Ripley (IN), County of, Indiana
1484. School City of Mishawaka (IN), Indiana
1485. Scott (IN), County of, Indiana
1486. Seymour (IN), City of, Indiana
1487. Shelbyville (IN), City of, Indiana
1488. Sheridan (IN), Town of, Indiana
1489. Smith-Green Community Schools (IN), Indiana
1490. South Bend (IN), City of, Indiana
1491. South Bend Community School Corporation (IN), Indiana
1492. St. Joseph (IN), County of, Indiana
1493. Starke (IN), County of, Indiana
1494. Terre Haute (IN), City of, Indiana
1495. Tippecanoe (IN), County of, Indiana
1496. Upland (IN), Town of, Indiana
1497. Vanderburgh (IN), County of, Indiana
1498. Vigo (IN), County of, Indiana
1499. West Lafayette (IN), City of, Indiana
1500. Westfield (IN) City of, Indiana
1501. Zionsville (IN), Town of, Indiana
1502. Adair (IA), County of, Iowa
1503. Adams (IA), County of, Iowa
1504. Allamakee (IA), County of, Iowa
1505. Appanoose (IA), County of, Iowa
1506. Audubon (IA), County of, Iowa
1507. Benton (IA), County of, Iowa
1508. Black Hawk (IA), County of, Iowa
1509. Bremer (IA), County of, Iowa
1510. Buchanan (IA), County of, Iowa
1511. Buena Vista (IA), County of, Iowa
1512. Calhoun (IA), County of, Iowa
1513. Carroll (IA), County of, Iowa
1514. Cedar (IA), County of, Iowa
1515. Cerro Gordo (IA), County of, Iowa
1516. Cherokee (IA), County of, Iowa
1517. Chickasaw (IA), County of, Iowa
1518. Clay (IA), County of, Iowa
1519. Clayton (IA), County of, Iowa
1520. Clinton (IA), County of, Iowa
1521. Dallas (IA), County of, Iowa

1522. Delaware (IA), County of, Iowa
1523. Des Moines (IA), County of, Iowa
1524. Emmet (IA), County of, Iowa
1525. Fayette (IA), County of, Iowa
1526. Fremont (IA), County of, Iowa
1527. Hamilton (IA), County of, Iowa
1528. Hancock (IA), County of, Iowa
1529. Hardin (IA), County of, Iowa
1530. Harrison (IA), County of, Iowa
1531. Henry (IA), County of, Iowa
1532. Howard (IA), County of, Iowa
1533. Humboldt (IA), County of, Iowa
1534. Ida (IA), County of, Iowa
1535. Jasper (IA), County of, Iowa
1536. Johnson (IA), County of, Iowa
1537. Jones (IA), County of, Iowa
1538. Keokuk (IA), County of, Iowa
1539. Lee (IA), County of, Iowa
1540. Lyon (IA), County of, Iowa
1541. Madison (IA), County of, Iowa
1542. Mahaska (IA), County of, Iowa
1543. Marion (IA), County of, Iowa
1544. Mills (IA), County of, Iowa
1545. Mitchell (IA), County of, Iowa
1546. Monroe (IA), County of, Iowa
1547. Montgomery (IA), County of, Iowa
1548. Muscatine (IA), County of, Iowa
1549. O'Brien (IA), County of, Iowa
1550. Osceola (IA), County of, Iowa
1551. Plymouth (IA), County of, Iowa
1552. Pocahontas (IA), County of, Iowa
1553. Polk (IA), County of, Iowa
1554. Pottawattamie (IA), County of, Iowa
1555. Poweshiek (IA), County of, Iowa
1556. Sac (IA), County of, Iowa
1557. Scott (IA), County of, Iowa
1558. Shelby (IA), County of, Iowa
1559. Sioux (IA), County of, Iowa
1560. Tama (IA), County of, Iowa
1561. Taylor (IA), County of, Iowa
1562. Union (IA), County of, Iowa
1563. Webster (IA), County of, Iowa
1564. Winnebago (IA), County of, Iowa
1565. Winneshiek (IA), County of, Iowa
1566. Worth (IA), County of, Iowa
1567. Wright (IA), County of, Iowa
1568. Allen (KS), County of (Board of Commissioners), Kansas
1569. Barber (KS), County of (Board of Commissioners), Kansas
1570. Bourbon (KS), County of, Kansas
1571. Cherokee (KS), County of (Board of Commissioners), Kansas
1572. Cowley (KS), County of (Board of Commissioners), Kansas
1573. Crawford (KS), County of (Board of Commissioners), Kansas
1574. Dickinson (KS), County of (Board of County Counselors), Kansas
1575. Elk (KS), County of (Board of Commissioners), Kansas
1576. Elkhardt (KS), City of, Kansas
1577. Finney (KS), County of (Board of Commissioners), Kansas
1578. Ford (KS), County of (Board of Commissioners), Kansas
1579. Grant (KS), County of (Board of Commissioners), Kansas
1580. Greenwood (KS), County of (Board of Commissioners), Kansas
1581. Harvey (KS) County of, Kansas
1582. Johnson (KS), County of, Kansas
1583. Leavenworth (KS), County of (Board of Commissioners), Kansas
1584. Manter (KS), City of, Kansas
1585. Meade (KS), County of (Board of Commissioners), Kansas
1586. Montgomery (KS), County of, Kansas
1587. Morton (KS), County of (Board of Commissioners), Kansas
1588. Neosho (KS), County of (Board of Commissioners), Kansas
1589. Overland Park (KS), City of, Kansas
1590. Pratt (KS), County of (Board of Commissioners), Kansas
1591. Reno (KS), County of, Kansas
1592. Sedgwick (KS), County of (Board of Commissioners), Kansas
1593. Seward (KS), County of (Board of Commissioners), Kansas
1594. Shawnee (KS), County of (Board of Commissioners), Kansas
1595. Stanton (KS), County of (Board of Commissioners), Kansas
1596. Ulysses (KS), City of, Kansas
1597. Wabaunsee (KS), County of (Board of Counsellors), Kansas
1598. Wichita (KS), City of, Kansas
1599. Wyandotte County - Kansas City (KS), Unified Government of, Kansas
1600. Adair (KY), County (Fiscal Court), Kentucky
1601. Allen (KY), County of (Fiscal Court), Kentucky
1602. Anderson (KY), County of (Fiscal Court), Kentucky

1603. Ballard (KY), County of (Fiscal Court), Kentucky
1604. Bath (KY), County of (Fiscal Court), Kentucky
1605. Bell (KY), County of (Fiscal Court), Kentucky
1606. Bellefonte (KY), City of, Kentucky
1607. Benham (KY), City of, Kentucky
1608. Board of Education of Breathitt County Public Schools (KY), Kentucky
1609. Board of Education of Bullitt County Public Schools (KY), Kentucky
1610. Board of Education of Estill County Public Schools (KY), Kentucky
1611. Board of Education of Fayette County Public Schools (KY), Kentucky
1612. Board of Education of Harrison County Public Schools (KY), Kentucky
1613. Board of Education of Hart County Public Schools (KY), Kentucky
1614. Board of Education of Jefferson County Public Schools (KY), Kentucky
1615. Board of Education of Johnson County Public School District (KY), Kentucky
1616. Board of Education of LaRue County Public Schools (KY), Kentucky
1617. Board of Education of Lawrence County Public Schools (KY), Kentucky
1618. Board of Education of Martin County Public Schools (KY), Kentucky
1619. Board of Education of Menifee County Public Schools (KY), Kentucky
1620. Board of Education of Owsley County Public Schools (KY), Kentucky
1621. Board of Education of Wolfe County Public Schools (KY), Kentucky
1622. Boone (KY), County of (Fiscal Court), Kentucky
1623. Bourdon (KY), County of (Fiscal Court), Kentucky
1624. Boyd (KY), County of (Fiscal Court), Kentucky
1625. Boyle (KY), County of (Fiscal Court), Kentucky
1626. Bracken (KY), County of (Fiscal Court), Kentucky
1627. Breathitt (KY), County of (Fiscal Court), Kentucky
1628. Breckinridge (KY), County of (Fiscal Court), Kentucky
1629. Buckhorn (KY), City of, Kentucky
1630. Bullitt (KY), County of (Fiscal Court), Kentucky
1631. Caldwell (KY), County of (Fiscal Court), Kentucky
1632. Calloway (KY), County of (Fiscal Court), Kentucky
1633. Campbell (KY), County of (Fiscal Court), Kentucky
1634. Campbellsville (KY), City of, Kentucky
1635. Carlisle (KY), County of (Fiscal Court), Kentucky
1636. Carter (KY), County of (Fiscal Court), Kentucky
1637. Casey (KY), County of (Fiscal Court), Kentucky
1638. Christian (KY), County of (Fiscal Court), Kentucky
1639. Clark (KY), County of (Fiscal Court), Kentucky
1640. Clay (KY), County of (Fiscal Court), Kentucky
1641. Clinton (KY), County of (Fiscal Court), Kentucky
1642. Columbia (KY), City of, Kentucky
1643. Covington (KY), City of, Kentucky
1644. Cumberland (KY), County of (Fiscal Court), Kentucky
1645. Daviess (KY), County of (Fiscal Court), Kentucky
1646. Edmonson (KY), County of (Fiscal Court), Kentucky
1647. Elliott (KY), County of (Fiscal Court), Kentucky
1648. Estill (KY) County Emergency Medical Services, Kentucky
1649. Estill (KY), County of (Fiscal Court), Kentucky
1650. Fleming (KY), County of (Fiscal Court), Kentucky
1651. Florence (KY), City of, Kentucky
1652. Floyd (KY), County of (Fiscal Court), Kentucky
1653. Franklin (KY), County of (Fiscal Court), Kentucky
1654. Fulton (KY), County of (Fiscal Court), Kentucky
1655. Gallatin (KY), County of (Fiscal Court), Kentucky
1656. Garrard (KY), County of (Fiscal Court), Kentucky
1657. Grant (KY), County of (Fiscal Court), Kentucky
1658. Grayson (KY), City of, Kentucky
1659. Green (KY), County of (Fiscal Court), Kentucky

1660. Greenup (KY), City of, Kentucky
1661. Greenup (KY), County of (Fiscal Court), Kentucky
1662. Hancock (KY), County of (Fiscal Court), Kentucky
1663. Hardin (KY), County of (Fiscal Court), Kentucky
1664. Hardin Memorial Hospital (KY), Kentucky
1665. Harlan (KY), City of, Kentucky
1666. Harlan (KY), County of (Fiscal Court), Kentucky
1667. Harrison (KY), County of (Fiscal Court), Kentucky
1668. Hart (KY), County of (Fiscal Court), Kentucky
1669. Henderson (KY), City of, Kentucky
1670. Henderson (KY), County of (Fiscal Court), Kentucky
1671. Henry (KY), County of (Fiscal Court), Kentucky
1672. Hickman (KY), County of (Fiscal Court), Kentucky
1673. Hillview (KY), City of, Kentucky
1674. Hopkins (KY), County of (Fiscal Court), Kentucky
1675. Hyden (KY), City of, Kentucky
1676. Inez (KY), City of, Kentucky
1677. Jamestown (KY), City of, Kentucky
1678. Jenkins (KY), City of, Kentucky
1679. Jessamine (KY), County of (Fiscal Court), Kentucky
1680. Kenton (KY), County of (Fiscal Court), Kentucky
1681. Kentucky River District Health Department (KY), Kentucky
1682. Knott (KY), County of (Fiscal Court), Kentucky
1683. Knox (KY), County of (Fiscal Court), Kentucky
1684. Larue (KY), County of (Fiscal Court), Kentucky
1685. Laurel (KY), County of (Fiscal Court), Kentucky
1686. Lawrence (KY), County of (Fiscal Court), Kentucky
1687. Lee (KY), County of (Fiscal Court), Kentucky
1688. Leslie (KY), County of (Fiscal Court), Kentucky
1689. Letcher (KY), County of (Fiscal Court), Kentucky
1690. Lewis (KY), County of (Fiscal Court), Kentucky
1691. Lexington-Fayette County (KY), Urban Government of, Kentucky
1692. Lincoln (KY), County of (Fiscal Court), Kentucky
1693. Logan (KY), County of (Fiscal Court), Kentucky
1694. London (KY), City of, Kentucky
1695. Louisville/Jefferson County (KY), Metro Government of, Kentucky
1696. Loyall (KY), City of, Kentucky
1697. Lynch (KY), City of, Kentucky
1698. Madison (KY), County (Fiscal Court), Kentucky
1699. Manchester (KY), City of, Kentucky
1700. Marshall (KY), County of (Fiscal Court), Kentucky
1701. Martin (KY), County of (Fiscal Court), Kentucky
1702. Mason (KY), County of (Fiscal Court), Kentucky
1703. McCracken (KY), County of (Fiscal Court), Kentucky
1704. McLean (KY), County of (Fiscal Court), Kentucky
1705. Meade (KY), County of (Fiscal Court), Kentucky
1706. Mercer (KY), County of (Fiscal Court), Kentucky
1707. Monroe (KY), County of (Fiscal Court), Kentucky
1708. Montgomery (KY), County of (Fiscal Court), Kentucky
1709. Morehead (KY), City of, Kentucky
1710. Morgan (KY), County of (Fiscal Court), Kentucky
1711. Morganfield (KY), City of, Kentucky
1712. Mt. Washington (KY), City of, Kentucky
1713. Muhlenberg (KY), County of (Fiscal Court), Kentucky
1714. Murray (KY), City of, Kentucky
1715. Nicholas (KY), Count of (Fiscal Court), Kentucky
1716. Ohio (KY), County of (Fiscal Court), Kentucky
1717. Oldham (KY), County of (Fiscal Court), Kentucky
1718. Owen (KY), County of (Fiscal Court), Kentucky
1719. Owensboro (KY), City of, Kentucky
1720. Owsley (KY), County of (Fiscal Court), Kentucky
1721. Paducah (KY), City of, Kentucky
1722. Paintsville (KY), City of, Kentucky

1723. Pendleton (KY), County (Fiscal Court), Kentucky
1724. Perry (KY), County of (Fiscal Court), Kentucky
1725. Pike (KY), County of, Kentucky
1726. Pineville (KY), City of, Kentucky
1727. Pippa Passes (KY), City of, Kentucky
1728. Powell (KY), County of (Fiscal Court), Kentucky
1729. Prestonsburg (KY), City of, Kentucky
1730. Pulaski (KY), County of (Fiscal Court), Kentucky
1731. Rowan (KY), County of (Fiscal Court), Kentucky
1732. Russell (KY), City of, Kentucky
1733. Russell (KY), County of (Fiscal Court), Kentucky
1734. Russell Springs (KY), City of, Kentucky
1735. Scott (KY), County of (Fiscal Court), Kentucky
1736. Shelby (KY), County of (Fiscal Court), Kentucky
1737. Shepherdsville (KY), City of, Kentucky
1738. South Shore (KY), City of, Kentucky
1739. Spencer (KY), County of (Fiscal Court), Kentucky
1740. Taylor (KY), County of (Fiscal Court), Kentucky
1741. Taylor County Hospital District Health Facilities Corporation (KY), Kentucky
1742. Todd (KY), County of (Fiscal Court), Kentucky
1743. Union (KY), County of (Fiscal Court), Kentucky
1744. Vanceburg (KY), City of, Kentucky
1745. Warfield (KY), City of, Kentucky
1746. Warren (KY), County of, Kentucky
1747. Wayne (KY), County of (Fiscal Court), Kentucky
1748. Webster (KY), County of (Fiscal Court), Kentucky
1749. West Liberty (KY), City of, Kentucky
1750. Whitesburg (KY), City of, Kentucky
1751. Whitley (KY), County of, Kentucky
1752. Winchester (KY), City of, Kentucky
1753. Wolfe (KY), County of (Fiscal Court), Kentucky
1754. Woodford (KY), County of (Fiscal Court), Kentucky
1755. Worthington (KY), City of, Kentucky
1756. Acadia-St. Landry (LA) Hospital Service District d/b/a Acadia-St. Landry Hospital, Louisiana
1757. Alexandria (LA), City of, Louisiana
1758. Allen (LA), Parish of (Sheriff), Louisiana
1759. Ascension (LA), Parish of, Louisiana
1760. Ascension (LA), Parish of (Sheriff), Louisiana
1761. Ascension (LA), Parish School Board, Louisiana
1762. Assumption (LA), Parish of (Police Jury), Louisiana
1763. Assumption (LA), Parish of (Sheriff Leland Falcon), Louisiana
1764. Avoyelles (LA), Parish of (Police Jury), Louisiana
1765. Avoyelles (LA), Parish of (Sheriff), Louisiana
1766. Baldwin (LA), Town of, Louisiana
1767. Bastrop (LA), City of, Louisiana
1768. Baton Rouge (LA), City of, Louisiana
1769. Beauregard (LA), Parish of (Police Jury), Louisiana
1770. Benton (LA) Fire No. 4, Louisiana
1771. Berwick (LA), Town of, Louisiana
1772. Bienville (LA), Parish of, Louisiana
1773. Bogalusa (LA), City of, Louisiana
1774. Bossier (LA) Parish Emergency Medical Services Ambulance District, Louisiana
1775. Bossier (LA), City of, Louisiana
1776. Bossier (LA), Parish of, Louisiana
1777. Caddo (LA) Fire Protection District No. 1, Louisiana
1778. Caddo (LA), Parish of, Louisiana
1779. Calcasieu (LA), Parish of (Police Jury), Louisiana
1780. Calcasieu (LA), Parish of (Sheriff), Louisiana
1781. Caldwell (LA), Parish of, Louisiana
1782. Cameron (LA), Parish of, Louisiana
1783. Catahoula (LA), Parish of (Police Jury), Louisiana
1784. Catahoula (LA), Parish of (Sheriff Toney Edwards), Louisiana
1785. Claiborne (LA), Parish of, Louisiana
1786. Concordia (LA), Parish of, Louisiana
1787. Concordia (LA), Parish of (Sheriff Kenneth Hedrick), Louisiana
1788. Covington (LA), City of, Louisiana
1789. Delhi (LA), Town of, Louisiana
1790. Desoto (LA), Parish of, Louisiana
1791. DeSoto Fire Protection District No. 8 (LA), Louisiana
1792. Donaldsonville (LA), City of, Louisiana
1793. East Baton Rouge (LA), Parish of (Clerk of Court Office), Louisiana

1794. East Baton Rouge (LA), Parish of (Sheriff), Louisiana
1795. East Carroll (LA), Parish of (Police Jury), Louisiana
1796. East Carroll (LA), Parish of (Sheriff), Louisiana
1797. Eunice (LA), City of, Louisiana
1798. Evangeline (LA), Parish of (Police Jury), Louisiana
1799. Evangeline (LA), Parish of (Sheriff), Louisiana
1800. Ferriday (LA), Town of, Louisiana
1801. Franklin (LA), City of, Louisiana
1802. Franklin (LA), Parish of, Louisiana
1803. Gramercy (LA), Town of, Louisiana
1804. Grant (LA), Parish of (Police Jury), Louisiana
1805. Grant (LA), Parish of (Sheriff), Louisiana
1806. Gretna (LA), City of, Louisiana
1807. Hospital Service District No. 1 of The Parish of Avoyelles, State of Louisiana, d/b/a Bunkie General Hospital (LA), Louisiana
1808. Hospital Service District No. 1 of The Parish of LaSalle, State of Louisiana. d/b/a Hardtner Medical Center (LA), Louisiana
1809. Iberia (LA), Parish of, Louisiana
1810. Iberia (LA), Parish School Board of, Louisiana
1811. Iberville (LA), Parish of (Parish Council), Louisiana
1812. Jackson (LA), Parish of (Police Jury), Louisiana
1813. Jackson (LA), Parish of (Sheriff), Louisiana
1814. Jean Lafitte (LA), Town of, Louisiana
1815. Jefferson (LA), Parish of, Louisiana
1816. Jefferson (LA), Parish of (Coroner's Office), Louisiana
1817. Jefferson (LA), Parish of (Sheriff), Louisiana
1818. Jefferson Davis (LA), Parish of (Police Jury), Louisiana
1819. Jefferson Davis (LA), Parish of (Sheriff), Louisiana
1820. Jefferson Parish Hospital Service District 1 (LA), Louisiana
1821. Jefferson Parish Hospital Service District 2 (LA), Louisiana
1822. Kenner (LA), City of, Louisiana
1823. Lafayette (LA), Parish of (Sheriff), Louisiana
1824. Lafourche (LA), Parish of, Louisiana
1825. LaFourche Parish School Board (LA), Louisiana
1826. Lake Charles (LA), City of, Louisiana
1827. Lake Providence (LA), Town of, Louisiana
1828. LaSalle (LA), Parish of, Louisiana
1829. Lincoln (LA), Parish of (Sheriff), Louisiana
1830. Livingston (LA), Parish of, Louisiana
1831. Livingston (LA), Parish of (Sheriff), Louisiana
1832. Lutcher (LA), Town of, Louisiana
1833. Madisonville (LA), Town of, Louisiana
1834. Mandeville (LA), City of, Louisiana
1835. Monroe (LA), City of, Louisiana
1836. Morehouse (LA), Parish of (Police Jury), Louisiana
1837. Morehouse (LA), Parish of (Sheriff), Louisiana
1838. Morgan (LA), City of, Louisiana
1839. Natchitoches (LA), City of, Louisiana
1840. Natchitoches (LA), Parish of (Parish Council), Louisiana
1841. New Iberia (LA), City of, Louisiana
1842. New Orleans (LA), City of, Louisiana
1843. New Roads (LA), City of, Louisiana
1844. North Caddo (LA) Hospital Service District d/b/a North Caddo Medical Center, Louisiana
1845. Opelousas (LA), City of, Louisiana
1846. Opelousas (LA), General Hospital Authority, a Louisiana Public Trust d/b/a Opelousas General Health System, Louisiana
1847. Orleans (LA), Parish of (Sheriff), Louisiana
1848. Orleans Parish Hospital Service District - District A (LA), Louisiana
1849. Ouachita (LA), Parish of (Police Jury), Louisiana
1850. Ouachita (LA), Parish of (Sheriff), Louisiana
1851. Patterson (LA), City of, Louisiana
1852. Pearl River (LA), Town of, Louisiana
1853. Pineville (LA), City of, Louisiana
1854. Pointe Coupee (LA), Parish of (Policy Jury), Louisiana
1855. Pointe Coupee Parish (LA) Health Services District Number 1, Louisiana
1856. Rapides (LA), Parish of, Louisiana
1857. Rapides (LA), Parish of (Police Jury), Louisiana
1858. Red River (LA) Fire Protection District, Louisiana

1859. Red River (LA), Parish of, Louisiana
1860. Richland (LA), Parish of, Louisiana
1861. Richland (LA), Parish of (Sheriff), Louisiana
1862. Richwood (LA), Town of, Louisiana
1863. Sabine (LA), Parish of (Police Jury), Louisiana
1864. Sabine (LA), Parish of (Sheriff), Louisiana
1865. Shreveport (LA), City of, Louisiana
1866. Slidell (LA), City of, Louisiana
1867. St. Bernard (LA), Parish of, Louisiana
1868. St. Bernard (LA), Parish of (Coroner Dr. Bryan Bertucci), Louisiana
1869. St. Bernard (LA), Parish of (Sheriff), Louisiana
1870. St. Bernard Parish School Board (LA), Louisiana
1871. St. Charles (LA), Parish of, Louisiana
1872. St. Charles (LA), Parish of (Sheriff), Louisiana
1873. St. James (LA), Parish of, Louisiana
1874. St. James Parish School Board (LA), Louisiana
1875. St. John the Baptist (LA), Parish of, Louisiana
1876. St. Landry (LA), Parish of, Louisiana
1877. St. Landry (LA), Parish of (Sheriff), Louisiana
1878. St. Martin (LA), Parish of, Louisiana
1879. St. Martinville (LA), City of, Louisiana
1880. St. Mary (LA), Parish of, Louisiana
1881. St. Mary (LA), Parish of (Sheriff), Louisiana
1882. St. Mary (LA), Parish School Board of, Louisiana
1883. St. Tammany (LA) Fire Protection District No. 4, Louisiana
1884. St. Tammany (LA), Parish of, Louisiana
1885. St. Tammany (LA), Parish of (Coroner's Office), Louisiana
1886. St. Tammany (LA), Parish of (Sheriff), Louisiana
1887. St. Tammany Fire Protection District No. 1 (LA), Louisiana
1888. St. Tammany Fire Protection District No. 12 (LA), Louisiana
1889. St. Tammany Fire Protection District No. 13 (LA), Louisiana
1890. St. Tammany Fire Protection District No. 2 (LA), Louisiana
1891. St. Tammany Fire Protection District No. 3 (LA), Louisiana
1892. St. Tammany Fire Protection District No. 5 (LA), Louisiana
1893. Tensas (LA), Parish of (Sheriff), Louisiana
1894. Terrebonne (LA), Parish of, Louisiana
1895. Terrebonne (LA), Parish of (Sheriff), Louisiana
1896. Union (LA), Parish of, Louisiana
1897. Union (LA), Parish of (Sheriff), Louisiana
1898. Vermilion (LA), Parish of (Police Jury), Louisiana
1899. Vernon (LA), Parish of (Police Jury), Louisiana
1900. Vernon (LA), Parish of (Sheriff), Louisiana
1901. Washington (LA), Parish of, Louisiana
1902. Washington (LA), Parish of (Sheriff), Louisiana
1903. Webster (LA), Parish of, Louisiana
1904. West Ascension Parish (LA) Hospital Service District dba Prevost Memorial Hospital, Louisiana
1905. West Baton Rouge (LA) Fire Protection District No. 1, Louisiana
1906. West Baton Rouge (LA), Parish of, Louisiana
1907. West Carroll (LA), Parish of, Louisiana
1908. West Carroll (LA), Parish of (Police Jury), Louisiana
1909. West Monroe (LA), City of, Louisiana
1910. Westwego (LA), City of, Louisiana
1911. Winn (LA), Parish of (Police Jury), Louisiana
1912. Androscoggin (ME), County of, Maine
1913. Aroostook (ME), County of, Maine
1914. Auburn (ME), City of, Maine
1915. Augusta (ME), City of, Maine
1916. Bangor (ME), City of, Maine
1917. Biddeford (ME), City of, Maine
1918. Board of Education of Bangor School Department (ME), Maine
1919. Board of Education of Maine Regional School Unit 10 (ME), Maine
1920. Board of Education of Maine Regional School Unit 13 (ME), Maine
1921. Board of Education of Maine Regional School Unit 25 (ME), Maine
1922. Board of Education of Maine Regional School Unit 26 (ME), Maine
1923. Board of Education of Maine Regional School Unit 29 (ME), Maine
1924. Board of Education of Maine Regional School Unit 34 (ME), Maine
1925. Board of Education of Maine Regional School Unit 40 (ME), Maine

1926. Board of Education of Maine Regional School Unit 50 (ME), Maine
1927. Board of Education of Maine Regional School Unit 57 (ME), Maine
1928. Board of Education of Maine Regional School Unit 60 (ME), Maine
1929. Board of Education of Maine Regional School Unit 71 (ME), Maine
1930. Board of Education of Maine Regional School Unit 9 (ME), Maine
1931. Board of Education of Maine School Administrative District 11 (ME), Maine
1932. Board of Education of Maine School Administrative District 15 (ME), Maine
1933. Board of Education of Maine School Administrative District 28/Five Town Central School District (ME), Maine
1934. Board of Education of Maine School Administrative District 35 (ME), Maine
1935. Board of Education of Maine School Administrative District 44 (ME), Maine
1936. Board of Education of Maine School Administrative District 53 (ME), Maine
1937. Board of Education of Maine School Administrative District 55 (ME), Maine
1938. Board of Education of Maine School Administrative District 6 (ME), Maine
1939. Board of Education of Maine School Administrative District 61 (ME), Maine
1940. Board of Education of Maine School Administrative District 72 (ME), Maine
1941. Board of Education of Portland School Department (ME), Maine
1942. Board of Education of Scarborough School Department (ME), Maine
1943. Board of Education of South Portland School Department (ME), Maine
1944. Board of Education of St. George Municipal School District (ME), Maine
1945. Board of Education of Waterville School Department (ME), Maine
1946. Calais (ME), City of, Maine
1947. Cumberland (ME), County of, Maine
1948. Ellsworth School Department (ME), The Board of Education of, Maine
1949. Kennebec (ME), County of, Maine
1950. Knox (ME), County of, Maine
1951. Lewiston (ME), City of, Maine
1952. Lincoln (ME), County of, Maine
1953. Penobscot (ME), County of, Maine
1954. Portland (ME), City of, Maine
1955. Rockland (ME), City of, Maine
1956. Saco (ME), City of, Maine
1957. Sagadahoc (ME), County of, Maine
1958. Sanford (ME), City of, Maine
1959. Somerset (ME), County of, Maine
1960. Waldo (ME), County of, Maine
1961. Washington (ME), County of, Maine
1962. Waterville (ME), City of, Maine
1963. York (ME), County of, Maine
1964. Aberdeen (MD), City of, Maryland
1965. Allegany (MD), County of, Maryland
1966. Annapolis (MD), City of, Maryland
1967. Anne Arundel (MD), County of, Maryland
1968. Balitmore (MD), County of, Maryland
1969. Baltimore (MD), City of (Mayor and City Council), Maryland
1970. Baltimore City Board of School Commissioners (MD), Maryland
1971. Bel Air (MD), City of, Maryland
1972. Berlin (MD), City of, Maryland
1973. Bowie (MD), City of, Maryland
1974. Calvert (MD), County of (Commissioners), Maryland
1975. Cambridge (MD), City of, Maryland
1976. Caroline (MD), County of, Maryland
1977. Carroll (MD), County of (Board of Commissioners), Maryland
1978. Cecil (MD), County of, Maryland
1979. Charles (MD), County of (Commissioners), Maryland
1980. Charlestown (MD), City of, Maryland
1981. Cottage City (MD), Town of, Maryland
1982. Cumberland (MD), City of, Maryland
1983. Dorchester (MD), County of, Maryland
1984. Forest Heights (MD), Town of, Maryland
1985. Frederick (MD), City of, Maryland
1986. Frederick (MD), County of, Maryland
1987. Frostburg (MD) City of, Maryland
1988. Garrett (MD), County of, Maryland
1989. Grantsville (MD), City of, Maryland
1990. Hagerstown (MD), City of, Maryland
1991. Harford (MD) County of, Maryland
1992. Havre De Grace (MD), City of, Maryland
1993. Howard (MD), County of, Maryland
1994. Laurel (MD), City of, Maryland
1995. Montgomery (MD), County of, Maryland
1996. Mountain Lake Park (MD), City of, Maryland
1997. North Brentwood (MD), Town of, Maryland
1998. North East (MD), City of, Maryland
1999. Oakland (MD), City of, Maryland
2000. Perryville (MD), City of, Maryland
2001. Prince George's (MD), County of, Maryland

2002. Rockville (MD), City of (Mayor and Common Council), Maryland
2003. Seat Pleasant (MD), City of, Maryland
2004. Somerset (MD), County of, Maryland
2005. St. Mary's (MD), County of (Commissioners), Maryland
2006. Talbot (MD), County of, Maryland
2007. Upper Marlboro (MD), Town of, Maryland
2008. Vienna (MD), City of, Maryland
2009. Washington County (MD), County of (Board of Commissioners), Maryland
2010. Westminster (MD), City of (Mayor and Common Council), Maryland
2011. Wicomico (MD), County of, Maryland
2012. Acushnet (MA), Town of, Massachusetts
2013. Agawam (MA), Town of, Massachusetts
2014. Amesbury (MA), City of, Massachusetts
2015. Andover (MA), Town of, Massachusetts
2016. Aquinnah (MA), Town of, Massachusetts
2017. Athol (MA), Town of, Massachusetts
2018. Auburn (MA), Town of, Massachusetts
2019. Ayer (MA), Town of, Massachusetts
2020. Barnstable (MA), Town of, Massachusetts
2021. Belchertown (MA), Town of, Massachusetts
2022. Beverly (MA), City of, Massachusetts
2023. Billerica (MA), Town of, Massachusetts
2024. Boston (MA) Housing Authority, Massachusetts
2025. Boston (MA) Public Health Commission, Massachusetts
2026. Boston (MA), City of, Massachusetts
2027. Braintree (MA), Town of, Massachusetts
2028. Brewster (MA), Town of, Massachusetts
2029. Bridgewater (MA), Town of, Massachusetts
2030. Brockton (MA), City of, Massachusetts
2031. Brookline (MA), Town of, Massachusetts
2032. Cambridge (MA), City of, Massachusetts
2033. Canton (MA), Town of, Massachusetts
2034. Carver (MA), Town of, Massachusetts
2035. Charlton (MA), Town of, Massachusetts
2036. Chelmsford (MA), Town of, Massachusetts
2037. Chelsea (MA), City of, Massachusetts
2038. Chicopee (MA), City of, Massachusetts
2039. Clarksburg (MA), Town of, Massachusetts
2040. Clinton (MA), Town of, Massachusetts
2041. Danvers (MA), Town of, Massachusetts
2042. Dedham (MA), Town of, Massachusetts
2043. Dennis (MA), Town of, Massachusetts
2044. Douglas (MA), Town of, Massachusetts
2045. Dudley (MA), Town of, Massachusetts
2046. East Bridgewater (MA), Town of, Massachusetts
2047. Eastham (MA), Town of, Massachusetts
2048. Easthampton (MA), City of, Massachusetts
2049. Easton (MA), Town of, Massachusetts
2050. Everett (MA), City of, Massachusetts
2051. Fairhaven (MA), Town of, Massachusetts
2052. Fall River (MA), City of, Massachusetts
2053. Falmouth (MA), Town of, Massachusetts
2054. Fitchburg (MA), City of, Massachusetts
2055. Framingham (MA), City of, Massachusetts
2056. Freetown (MA), Town of, Massachusetts
2057. Georgetown (MA), Town of, Massachusetts
2058. Gloucester (MA), City of, Massachusetts
2059. Grafton (MA), Town of, Massachusetts
2060. Greenfield (MA), City of, Massachusetts
2061. Hanson (MA), Town of, Massachusetts
2062. Haverhill (MA), City of, Massachusetts
2063. Holliston (MA), Town of, Massachusetts
2064. Holyoke (MA), City of, Massachusetts
2065. Hopedale (MA), Town of, Massachusetts
2066. Hull (MA), Town of, Massachusetts
2067. Kingston (MA), Town of, Massachusetts
2068. Lakeville (MA), Town of, Massachusetts
2069. Leicester (MA), Town of, Massachusetts
2070. Leominster (MA), City of, Massachusetts
2071. Leverett (MA), Town of, Massachusetts
2072. Longmeadow (MA), Town of, Massachusetts
2073. Lowell (MA), City of, Massachusetts
2074. Ludlow (MA), Town of, Massachusetts
2075. Lunenberg (MA), Town of, Massachusetts
2076. Lynn (MA), City of, Massachusetts
2077. Lynnfield (MA), Town of, Massachusetts
2078. Malden (MA), City of, Massachusetts
2079. Marblehead (MA), Town of, Massachusetts
2080. Marshfield (MA), Town of, Massachusetts
2081. Mashpee (MA), Town of, Massachusetts
2082. Mattapoisett (MA), Town of, Massachusetts
2083. Medford (MA), City of, Massachusetts
2084. Melrose (MA), City of, Massachusetts
2085. Methuen (MA), City of, Massachusetts
2086. Middleborough (MA), Town of, Massachusetts
2087. Milford (MA), Town of, Massachusetts
2088. Millbury (MA), Town of, Massachusetts
2089. Millis (MA), Town of, Massachusetts
2090. Nantucket (MA), Town of, Massachusetts
2091. Natick (MA), Town of, Massachusetts
2092. New Bedford (MA), City of, Massachusetts
2093. Newburyport (MA), City of, Massachusetts

2094. North Adams (MA), City of, Massachusetts
2095. North Andover (MA), Town of, Massachusetts
2096. North Attleborough (MA), Town of, Massachusetts
2097. North Reading (MA), Town of, Massachusetts
2098. Northampton (MA), City of, Massachusetts
2099. Northbridge (MA), Town of, Massachusetts
2100. Norton (MA), Town of, Massachusetts
2101. Norwell (MA), Town of, Massachusetts
2102. Norwood (MA), Town of, Massachusetts
2103. Orange (MA), Town of, Massachusetts
2104. Oxford (MA), Town of, Massachusetts
2105. Palmer (MA), Town of, Massachusetts
2106. Peabody (MA), City of, Massachusetts
2107. Pembroke (MA), Town of, Massachusetts
2108. Pittsfield (MA), City of, Massachusetts
2109. Plainville (MA), Town of, Massachusetts
2110. Plymouth (MA), Town of, Massachusetts
2111. Provincetown (MA), Town of, Massachusetts
2112. Quincy (MA), City of, Massachusetts
2113. Randolph (MA), Town of, Massachusetts
2114. Rehoboth (MA), Town of, Massachusetts
2115. Revere (MA), City of, Massachusetts
2116. Rockland (MA), Town of, Massachusetts
2117. Salem (MA), City of, Massachusetts
2118. Salisbury (MA), Town of, Massachusetts
2119. Sandwich (MA), Town of, Massachusetts
2120. Scituate (MA), Town of, Massachusetts
2121. Seekonk (MA), Town of, Massachusetts
2122. Sheffield (MA), Town of, Massachusetts
2123. Shirley (MA), Town of, Massachusetts
2124. Somerset (MA), Town of, Massachusetts
2125. Somerville (MA), City of, Massachusetts
2126. South Hadley (MA), Town of, Massachusetts
2127. Southbridge (MA), Town of, Massachusetts
2128. Spencer (MA), Town of, Massachusetts
2129. Springfield (MA), City of, Massachusetts
2130. Stoneham (MA), Town of, Massachusetts
2131. Stoughton (MA), Town of, Massachusetts
2132. Sturbridge (MA), Town of, Massachusetts
2133. Sudbury (MA), Town of, Massachusetts
2134. Sutton (MA), Town of, Massachusetts
2135. Swampscott (MA), Town of, Massachusetts
2136. Templeton (MA), Town of, Massachusetts
2137. Tewksbury (MA), Town of, Massachusetts
2138. Truro (MA), Town of, Massachusetts
2139. Tyngsborough (MA), Town of, Massachusetts
2140. Upton (MA), Town of, Massachusetts
2141. Wakefield (MA), Town of, Massachusetts
2142. Walpole (MA), Town of, Massachusetts
2143. Ware (MA), Town of, Massachusetts
2144. Warren (MA), Town of, Massachusetts
2145. Watertown (MA), Town of, Massachusetts
2146. Wellfleet (MA), Town of, Massachusetts
2147. West Boylston (MA), Town of, Massachusetts
2148. West Bridgewater (MA), Town of, Massachusetts
2149. West Springfield (MA), Town of, Massachusetts
2150. West Tisbury (MA), Town of, Massachusetts
2151. Westborough (MA), Town of, Massachusetts
2152. Westford (MA), Town of, Massachusetts
2153. Weymouth (MA), Town of, Massachusetts
2154. Williamsburg (MA), Town of, Massachusetts
2155. Wilmington (MA), Town of, Massachusetts
2156. Winchendon (MA), Town of, Massachusetts
2157. Winthrop (MA), Town of, Massachusetts
2158. Woburn (MA), City of, Massachusetts
2159. Worcester (MA), City of, Massachusetts
2160. Alcona (MI), County of, Michigan
2161. Alger (MI), County of, Michigan
2162. Alpena (MI), County of, Michigan
2163. Antrim (MI), County of, Michigan
2164. Arenac (MI), County of, Michigan
2165. Baraga (MI), County of, Michigan
2166. Bay (MI), County of, Michigan
2167. Benzie (MI), County of, Michigan
2168. Berrien (MI), County of, Michigan
2169. Branch (MI), County of, Michigan
2170. Calhoun (MI), County of, Michigan
2171. Canton (MI), Charter Township of, Michigan
2172. Cass (MI), County of, Michigan
2173. Charlevoix (MI), County of, Michigan
2174. Cheboygan (MI), County of, Michigan
2175. Chippewa (MI), County of, Michigan
2176. Clinton (MI), Charter Township of, Michigan
2177. Clinton (MI), County of, Michigan
2178. Crawford (MI), County of, Michigan
2179. Delta (MI), County of, Michigan
2180. Detroit (MI), City of, Michigan

2181. Detroit Wayne (MI), Mental Health Authority, Michigan
2182. Dickinson (MI), County of, Michigan
2183. East Lansing (MI), City of, Michigan
2184. Eaton (MI), County of, Michigan
2185. Escanaba (MI), City of, Michigan
2186. Flint (MI), City of, Michigan
2187. Genesee (MI), County of, Michigan
2188. Grand Rapids (MI), City of, Michigan
2189. Grand Traverse (MI), County of, Michigan
2190. Gratiot (MI), County of, Michigan
2191. Harrison (MI), Charter Township of, Michigan
2192. Hillsdale (MI), County of, Michigan
2193. Houghton (MI), County of, Michigan
2194. Huron (MI), Township of, Michigan
2195. Ingham (MI), County of, Michigan
2196. Ionia (MI), County of, Michigan
2197. Iosco (MI), County of, Michigan
2198. Iron (MI), County of, Michigan
2199. Iron Mountain (MI), City of, Michigan
2200. Isabella (MI), County of, Michigan
2201. Jackson (MI), City of, Michigan
2202. Kalamazoo (MI), County of, Michigan
2203. Kent (MI), County of, Michigan
2204. Lake (MI), County of, Michigan
2205. Lansing (MI), City of, Michigan
2206. Leelanau (MI), County of, Michigan
2207. Lenawee (MI), County of, Michigan
2208. Livingston (MI), County of, Michigan
2209. Livonia (MI), City of, Michigan
2210. Luce (MI), County of, Michigan
2211. Macomb (MI), County of, Michigan
2212. Manistee (MI), County of, Michigan
2213. Marquette (MI), County of, Michigan
2214. Mason (MI), County of, Michigan
2215. Monroe (MI), County of, Michigan
2216. Montcalm, (MI) County of, Michigan
2217. Montmorency (MI), County of, Michigan
2218. Muskegon (MI), County of, Michigan
2219. Newaygo (MI), County of, Michigan
2220. Northville (MI), Township of, Michigan
2221. Oakland (MI), County of, Michigan
2222. Oceana (MI), County of, Michigan
2223. Ogemaw (MI), County of, Michigan
2224. Ontonagon (MI), County of, Michigan
2225. Osceola (MI), County of, Michigan
2226. Otsego (MI), County of, Michigan
2227. Pittsfield (MI), Charter Township of, Michigan
2228. Pontiac (MI), City of, Michigan
2229. Presque Isle (MI), County of, Michigan
2230. Romulus (MI), City of, Michigan
2231. Roscommon (MI), County of, Michigan
2232. Saginaw (MI), County of, Michigan
2233. Sanilac (MI), County of, Michigan
2234. Sault Ste. Marie (MI), City of, Michigan
2235. Shiawassee (MI), County of, Michigan
2236. St. Clair (MI), County of, Michigan
2237. Sterling Heights (MI), City of, Michigan
2238. Traverse City (MI), City of, Michigan
2239. Tuscola (MI), County of, Michigan
2240. Van Buren (MI), Township of, Michigan
2241. Warren (MI), City of, Michigan
2242. Washtenaw (MI), County of, Michigan
2243. Wayne (MI), City of, Michigan
2244. Wayne (MI), County of, Michigan
2245. Westland (MI), City of, Michigan
2246. Wexford (MI), County of, Michigan
2247. Anoka (MN), County of, Minnesota
2248. Beltrami (MN), County of, Minnesota
2249. Big Stone (MN), County of, Minnesota
2250. Board of Education of Minnetonka School District No. 276 (MN), Minnesota
2251. Carlton (MN), County of, Minnesota
2252. Carver (MN), County of, Minnesota
2253. Coon Rapids (MN), City of, Minnesota
2254. Dakota (MN), County of, Minnesota
2255. Douglas (MN), County of, Minnesota
2256. Duluth (MN), City of, Minnesota
2257. Freeborn (MN), County of, Minnesota
2258. Hennepin (MN), County of, Minnesota
2259. Itasca (MN), County of, Minnesota
2260. McLeod (MN), County of, Minnesota
2261. Meeker (MN), County of, Minnesota
2262. Minneapolis (MN), City of, Minnesota
2263. Minnesota Prairie Health Alliance (MN), Minnesota
2264. Morrison (MN), County of, Minnesota
2265. Mower (MN), County of, Minnesota
2266. North St. Paul (MN), City of, Minnesota
2267. Olmsted (MN), County of, Minnesota
2268. Pine (MN), County of, Minnesota
2269. Proctor (MN), City of, Minnesota
2270. Ramsey (MN), County of, Minnesota
2271. Rochester (MN), City of, Minnesota
2272. Roseau (MN), County of, Minnesota
2273. Saint Paul (MN), City of, Minnesota
2274. Sibley (MN), County of, Minnesota
2275. St. Louis (MN), County of, Minnesota
2276. Steele (MN), County of, Minnesota
2277. Waseca (MN), County of, Minnesota
2278. Washington (MN), County of, Minnesota
2279. Winona (MN), County of, Minnesota
2280. Wright (MN), County of, Minnesota

2281. Yellow Medicine (MN), County of, Minnesota
2282. Adams (MS), County of, Mississippi
2283. Amite (MS), County of, Mississippi
2284. Amory (MS), City of, Mississippi
2285. Arcola (MS), Town of, Mississippi
2286. Attala (MS), County of, Mississippi
2287. Benton (MS), County of, Mississippi
2288. Bolivar (MS), County of, Mississippi
2289. Brookhaven (MS), City of, Mississippi
2290. Caledonia (MS), Town of, Mississippi
2291. Carroll (MS), County of, Mississippi
2292. Charleston (MS), City of, Mississippi
2293. Chickasaw (MS), County of, Mississippi
2294. Claiborne (MS), County of, Mississippi
2295. Clarke (MS), County of, Mississippi
2296. Clarksdale (MS), City of, Mississippi
2297. Cleveland (MS), City of, Mississippi
2298. Columbia (MS), City of, Mississippi
2299. Columbus (MS), City of, Mississippi
2300. Community Hospital (MS), Sharkey-Issaquena, Mississippi
2301. Copiah (MS), County of, Mississippi
2302. Covington (MS), County of, Mississippi
2303. DeSoto (MS), County of, Mississippi
2304. Diamondhead (MS), City of, Mississippi
2305. Forrest (MS), County of, Mississippi
2306. Franklin (MS), County of, Mississippi
2307. Gautier (MS), City of, Mississippi
2308. George (MS), County of, Mississippi
2309. Greene (MS), County of, Mississippi
2310. Greenwood (MS), City of, Mississippi
2311. Grenada (MS), City of, Mississippi
2312. Grenada (MS), County of, Mississippi
2313. Gulfport (MS), City of, Mississippi
2314. Hancock (MS), County of, Mississippi
2315. Harrison (MS), County of, Mississippi
2316. Hattiesburg (MS), City of, Mississippi
2317. Hinds (MS), County of, Mississippi
2318. Holly Springs (MS), City of, Mississippi
2319. Holmes (MS), County of, Mississippi
2320. Humphreys (MS), County of, Mississippi
2321. Indianola (MS), City of, Mississippi
2322. Issaquena (MS), County of, Mississippi
2323. Itawamba (MS), County of, Mississippi
2324. Iuka (MS), City of, Mississippi
2325. Jackson (MS), City of, Mississippi
2326. Jackson (MS), County of, Mississippi
2327. Jefferson (MS), County of, Mississippi
2328. Jefferson Davis (MS), County of, Mississippi
2329. Jones (MS), County of, Mississippi
2330. Jonestown (MS), City of, Mississippi
2331. Kemper (MS), County of, Mississippi
2332. Kosciusko (MS), City of, Mississippi
2333. Lafayette (MS), County of, Mississippi
2334. Lauderdale (MS), County of, Mississippi
2335. Laurel (MS), City of, Mississippi
2336. Lawrence (MS), County of, Mississippi
2337. Leakesville (MS), Town of, Mississippi
2338. Lee (MS), County of, Mississippi
2339. Leflore (MS), County of, Mississippi
2340. Lincoln (MS), County of, Mississippi
2341. Long Beach (MS), City of, Mississippi
2342. Lumberton (MS), City of, Mississippi
2343. Madison (MS), County of, Mississippi
2344. Marion (MS), County of, Mississippi
2345. Marshall (MS), County of, Mississippi
2346. McLain (MS), Town of, Mississippi
2347. Memorial Hospital at Gulfport (MS), Mississippi
2348. Meridian (MS), City of, Mississippi
2349. Monroe (MS), County of, Mississippi
2350. Morton (MS), City of, Mississippi
2351. Moss Point (MS), City of, Mississippi
2352. Mound Bayou (MS), City of, Mississippi
2353. Neshoba (MS), County of, Mississippi
2354. Nettleton (MS), City of, Mississippi
2355. New Albany (MS), City of, Mississippi
2356. Ocean Springs (MS), City of, Mississippi
2357. Panola (MS), County of, Mississippi
2358. Pascagoula (MS), City of, Mississippi
2359. Pearl River (MS), County of, Mississippi
2360. Pearl River County Hospital (MS), Mississippi
2361. Perry (MS), County of, Mississippi
2362. Philadelphia (MS), City of, Mississippi
2363. Prentiss (MS), County of, Mississippi
2364. Quitman (MS), City of, Mississippi
2365. Regional Medical Center (MS), South Central, Mississippi
2366. Scott (MS), County of, Mississippi
2367. Shannon (MS), City of, Mississippi
2368. Shubuta (MS), Town of, Mississippi
2369. Starkville (MS), City of, Mississippi
2370. Stone (MS), County of, Mississippi
2371. Summit (MS), Town of, Mississippi
2372. Sunflower (MS), County of, Mississippi
2373. Tallahatchie (MS), County of, Mississippi
2374. Tate (MS), County of, Mississippi
2375. Tippah (MS), County of, Mississippi
2376. Tishomingo (MS), County of, Mississippi
2377. Tunica (MS), County of, Mississippi
2378. Tupelo (MS), City of, Mississippi
2379. Union (MS), County of, Mississippi
2380. Verona (MS), City of, Mississippi

2381. Vicksburg (MS), City of, Mississippi
2382. Walthall (MS), County of, Mississippi
2383. Washington (MS), County of, Mississippi
2384. Wayne (MS), County of, Mississippi
2385. Waynesboro (MS), City of, Mississippi
2386. Webb (MS), City of, Mississippi
2387. Wiggins (MS), City of, Mississippi
2388. Yalobusha (MS), County of, Mississippi
2389. Adair (MO), County of, Missouri
2390. Andrew (MO), County of, Missouri
2391. Atchison (MO), County of, Missouri
2392. Audrain (MO), County of, Missouri
2393. Barry (MO), County of, Missouri
2394. Barton (MO), County of, Missouri
2395. Boone (MO), County of, Missouri
2396. Buchanan (MO), County of, Missouri
2397. Butler (MO), County of, Missouri
2398. Callaway (MO), County of, Missouri
2399. Camden (MO), County of, Missouri
2400. Cape Girardeau (MO), County of, Missouri
2401. Cass (MO), County of, Missouri
2402. Chariton (MO), County of, Missouri
2403. Christian (MO), County of, Missouri
2404. Citizens Memorial Hospital District d/b/a Citizens Memorial Hospital (MO), Missouri
2405. Clinton (MO), County of, Missouri
2406. Cole (MO), County of, Missouri
2407. Crawford (MO), County of, Missouri
2408. Dade (MO), County of, Missouri
2409. DeKalb (MO), County of, Missouri
2410. Dent (MO), County of, Missouri
2411. Douglas (MO), County of, Missouri
2412. Dunklin (MO), County of, Missouri
2413. Franklin (MO), County of, Missouri
2414. Gasconade (MO), County of, Missouri
2415. Greene (MO), County of, Missouri
2416. Grundy (MO), County of, Missouri
2417. Harrisonville (MO), City of, Missouri
2418. Henry (MO), County of, Missouri
2419. Hickory (MO), County of, Missouri
2420. Howell (MO), County of, Missouri
2421. Independence (MO), City of, Missouri
2422. Iron (MO), County of, Missouri
2423. Jackson (MO), County of, Missouri
2424. Jasper (MO), County of, Missouri
2425. Jefferson (MO), County of, Missouri
2426. Johnson (MO), County of, Missouri
2427. Joplin (MO), City of, Missouri
2428. Kansas City (MO), City of, Missouri
2429. Kinloch (MO), Fire Protection District of St. Louis County, Missouri
2430. Knox (MO), County of, Missouri
2431. Lafayette (MO), County of, Missouri
2432. Lawrence (MO), County of, Missouri
2433. Lewis (MO), County of, Missouri
2434. Lincoln (MO), County of, Missouri
2435. Livingston (MO), County of, Missouri
2436. Madison (MO), County of, Missouri
2437. Maries (MO), County of, Missouri
2438. McDonald (MO), County of, Missouri
2439. Miller (MO), County of, Missouri
2440. Moniteau (MO), County of, Missouri
2441. Montgomery (MO), County of, Missouri
2442. Morgan (MO), County of, Missouri
2443. New Madrid (MO), County of, Missouri
2444. Nodaway (MO), County of, Missouri
2445. Northeast Ambulance (MO), Fire Protection District of St. Louis County, Missouri
2446. Osage (MO), County of, Missouri
2447. Ozark (MO), County of, Missouri
2448. Pemiscot (MO), County of, Missouri
2449. Perry (MO), County of, Missouri
2450. Pettis (MO), County of, Missouri
2451. Phelps (MO), County of, Missouri
2452. Pike (MO), County of, Missouri
2453. Polk (MO), County of, Missouri
2454. Pulaski (MO), County of, Missouri
2455. Ralls (MO), County of, Missouri
2456. Randolph (MO), County of, Missouri
2457. Ray (MO), County of, Missouri
2458. Reynolds (MO), County of, Missouri
2459. Ripley (MO), County of, Missouri
2460. Schuyler (MO), County of, Missouri
2461. Scott (MO), County of, Missouri
2462. Sedalia (MO) City of, Missouri
2463. Shannon (MO), County of, Missouri
2464. Shelby (MO), County of, Missouri
2465. Springfield (MO), City of, Missouri
2466. St. Charles (MO), County of, Missouri
2467. St. Clair (MO), County of, Missouri
2468. St. Francois (MO), County of, Missouri
2469. St. Joseph (MO), City of, Missouri
2470. St. Louis (MO), City of, Missouri
2471. St. Louis (MO), County of, Missouri
2472. Ste. Genevieve (MO), County of, Missouri
2473. Stone (MO), County of, Missouri
2474. Taney (MO), County of, Missouri
2475. Texas (MO), County of, Missouri
2476. Vernon (MO), County of, Missouri
2477. Warren (MO), County of, Missouri
2478. Washington (MO), County of, Missouri
2479. Webster (MO), County of, Missouri
2480. Worth (MO), County of, Missouri
2481. Wright (MO), County of, Missouri

2482. Anaconda-Deer Lodge (MT), County of, Montana
2483. Cascade (MT), County of, Montana
2484. Gallatin (MT), County of, Montana
2485. Great Falls (MT), City of, Montana
2486. Lake (MT), County of, Montana
2487. Missoula (MT), City of, Montana
2488. Missoula (MT), County of, Montana
2489. Douglas (NE), County of, Nebraska
2490. Keith (NE), County of, Nebraska
2491. Knox (NE), County of, Nebraska
2492. Lincoln (NE), County of, Nebraska
2493. Sarpy (NE), County of, Nebraska
2494. South Sioux City (NE), City of, Nebraska
2495. Boulder (NV), City of, Nevada
2496. Carson City (NV), Nevada
2497. Central Lyon County Fire Protection District (NV), Nevada
2498. Churchill (NV), County of, Nevada
2499. Clark (NV), County of, Nevada
2500. Douglas (NV), County of, Nevada
2501. Ely (NV), City of, Nevada
2502. Esmeralda (NV), County of, Nevada
2503. Fernley (NV), City of, Nevada
2504. Henderson (NV), City of, Nevada
2505. Humboldt (NV), County of, Nevada
2506. Las Vegas (NV), City of, Nevada
2507. Lincoln (NV), County of, Nevada
2508. Lyon (NV), County of, Nevada
2509. Mesquite (NV), City of, Nevada
2510. Mineral (NV), County of, Nevada
2511. North Las Vegas (NV), City of, Nevada
2512. North Lyon County Fire Protection District (NV), Nevada
2513. Nye (NV), County of, Nevada
2514. Reno (NV), City of, Nevada
2515. Sparks (NV), City of, Nevada
2516. Washoe (NV), County of, Nevada
2517. West Wendover (NV), City of, Nevada
2518. White Pine (NV), County of, Nevada
2519. Belknap (NH), County of, New Hampshire
2520. Belmont (NH), City of, New Hampshire
2521. Berlin (NH), City of, New Hampshire
2522. Board of Education of Goshen School District (NH), New Hampshire
2523. Board of Education of Kearsarge RSU-School Administrative Unit 65 (NH), New Hampshire
2524. Board of Education of Lebanon School District (NH), New Hampshire
2525. Board of Education of Pittsfield School District (NH), New Hampshire
2526. Board of Education of Tamworth School District (NH), New Hampshire
2527. Carroll (NH), County of, New Hampshire
2528. Cheshire (NH), County of, New Hampshire
2529. Claremont (NH), City of, New Hampshire
2530. Concord (NH), City of, New Hampshire
2531. Coos (NH), County of, New Hampshire
2532. Derry (NH), Town of, New Hampshire
2533. Dover (NH), City of, New Hampshire
2534. Franklin (NH), City of, New Hampshire
2535. Grafton (NH), County of, New Hampshire
2536. Hillsborough (NH), County of, New Hampshire
2537. Keene (NH), City of, New Hampshire
2538. Laconia (NH), City of, New Hampshire
2539. Londonderry (NH), Town of, New Hampshire
2540. Manchester (NH), City of, New Hampshire
2541. Merrimack (NH), County of, New Hampshire
2542. Nashua (NH), City of, New Hampshire
2543. Rochester (NH), City of, New Hampshire
2544. Rockingham (NH), County of, New Hampshire
2545. Strafford (NH), County of, New Hampshire
2546. Sullivan (NH), County of, New Hampshire
2547. Atlantic (NJ), County of, New Jersey
2548. Barnegat (NJ), Township of, New Jersey
2549. Bayonne (NJ), City of, New Jersey
2550. Bergen (NJ), County of, New Jersey
2551. Bloomfield (NJ), The Township of, New Jersey
2552. Brick (NJ), Township of, New Jersey
2553. Burlington (NJ), County of, New Jersey
2554. Camden (NJ), County of, New Jersey
2555. Cape May (NJ), County of, New Jersey
2556. Clifton (NJ), City of, New Jersey
2557. Clinton (NJ), Town of, New Jersey
2558. Cumberland (NJ), County of, New Jersey
2559. Elizabeth (NJ), City of, New Jersey
2560. Essex (NJ), County of, New Jersey
2561. Hudson (NJ), County of, New Jersey
2562. Irvington (NJ), Township of, New Jersey
2563. Jersey City (NJ), City of, New Jersey
2564. Monmouth (NJ), County of, New Jersey
2565. Newark (NJ), City of, New Jersey
2566. Ocean (NJ), County of, New Jersey
2567. Paramus (NJ), Borough of, New Jersey
2568. Passaic (NJ), County of, New Jersey
2569. Paterson (NJ), City of, New Jersey
2570. Ridgefield (NJ) Borough of, New Jersey
2571. Saddlebrook (NJ), Township of, New Jersey

2572. Sussex (NJ), County of, New Jersey
2573. Teaneck (NJ), Township of, New Jersey
2574. Trenton (NJ), City of, New Jersey
2575. Union (NJ), County of, New Jersey
2576. Alamogordo (NM), City of, New Mexico
2577. Albuquerque (NM), City of, New Mexico
2578. Bernalillo (NM), County of (Commissioners), New Mexico
2579. Catron (NM), County of (Board of Commissioners), New Mexico
2580. Cibola (NM), County of (Board of Commissioners), New Mexico
2581. Colfax (NM), County of (Board of Commissioners), New Mexico
2582. Curry (NM), County of (Board of Commissioners), New Mexico
2583. Dona Ana (NM), County of (Board of Commissioners), New Mexico
2584. Espanola (NM), City of, New Mexico
2585. Grant (NM), County of, New Mexico
2586. Hidalgo (NM), County of (Board of Commissioners), New Mexico
2587. Hobbs (NM), City of, New Mexico
2588. Las Cruces (NM), City of, New Mexico
2589. Lea (NM), County of (Board of Commissioners), New Mexico
2590. Lincoln (NM), County of (Board of Commissioners), New Mexico
2591. Luna (NM), County of (Board of Commissioners), New Mexico
2592. McKinley (NM), County of (Board of Commissioners), New Mexico
2593. Mora (NM), County of, New Mexico
2594. Otero (NM), County of (Board of Commissioners), New Mexico
2595. Rio Arriba (NM), County of, New Mexico
2596. Roosevelt (NM), County of, New Mexico
2597. San Juan (NM), County of, New Mexico
2598. San Miguel (NM) County of (Board of Commissioners), New Mexico
2599. Sandoval (NM), County of, New Mexico
2600. Santa Fe (NM), County of (Board of Commissioners), New Mexico
2601. Sante Fe (NM), City of, New Mexico
2602. Sierra (NM), County of (Board of Commissioners), New Mexico
2603. Sorocco (NM), County of (Board of Commissioners), New Mexico
2604. Taos (NM), County of (Board of Commissioners), New Mexico
2605. Union (NM), County of (Board of Commissioners), New Mexico
2606. Valencia (NM), County of (Board of Commissioners), New Mexico
2607. Albany (NY), City of, New York
2608. Albany (NY), County of, New York
2609. Allegany (NY), County of, New York
2610. Amherst (NY), Town of, New York
2611. Amityville (NY), Village of, New York
2612. Amsterdam (NY), City of, New York
2613. Auburn (NY), City of, New York
2614. Babylon (NY), Town of, New York
2615. Babylon (NY), Village of, New York
2616. Bellmore (NY), Fire District of, New York
2617. Bellport (NY), Village of, New York
2618. Board of Education of Rochester City School District (NY), New York
2619. Brookhaven (NY), Town of, New York
2620. Broome (NY), County of, New York
2621. Buffalo (NY), City of, New York
2622. Cattaraugus (NY), County of, New York
2623. Cayuga (NY), County of, New York
2624. Centereach (NY), Fire District, New York
2625. Centerport (NY), Fire District of, New York
2626. Chautauqua (NY), County of, New York
2627. Cheektowaga (NY), Town of, New York
2628. Chemung (NY), County of, New York
2629. Chenango (NY), County of, New York
2630. Clarkstown (NY), Town of, New York
2631. Clinton (NY), County of, New York
2632. Columbia (NY), County of, New York
2633. Cortland (NY) County of, New York
2634. Dutchess (NY), County of, New York
2635. East Hampton (NY), Village of, New York
2636. East Rockaway (NY), Village of, New York
2637. Erie (NY), County of, New York
2638. Essex (NY), County of, New York
2639. Farmingdale (NY), Village of, New York
2640. Floral Park (NY), Village of, New York
2641. Franklin (NY), County of, New York
2642. Fulton (NY), County of, New York
2643. Garden City (NY), Village of, New York
2644. Genesee (NY), County of, New York
2645. Geneva (NY), City of, New York
2646. Great Neck (NY), Village of, New York
2647. Greene (NY), County of, New York
2648. Greenport (NY), Village of, New York
2649. Hamilton (NY), County of, New York
2650. Hauppauge (NY), Fire District, New York
2651. Haverstraw (NY), Town of, New York
2652. Hempstead (NY), Town of, New York
2653. Hempstead (NY), Village of, New York
2654. Herkimer (NY), County of, New York

2655. Herkimer (NY), Village of, New York
2656. Hicksville (NY), Water District of, New York
2657. Huntington (NY), Town of, New York
2658. Island Park (NY), Village of, New York
2659. Islandia (NY), Village of, New York
2660. Islip (NY), Town of, New York
2661. Islip Terrace (NY), Fire District of, New York
2662. Ithaca (NY), City of, New York
2663. Jefferson (NY), County of, New York
2664. Kingston (NY), City of, New York
2665. Lackawanna (NY), City of, New York
2666. Lake Grove (NY), Village of, New York
2667. Lancaster (NY), Town of, New York
2668. Lawrence (NY), Village of, New York
2669. Levittown (NY), Fire District of, New York
2670. Lewis (NY), County of, New York
2671. Lindenhurst (NY), Village of, New York
2672. Livingston (NY), County of, New York
2673. Lloyd Harbor (NY), Village of, New York
2674. Long Beach (NY), City of, New York
2675. Lynbrook (NY), Village of, New York
2676. Madison (NY), County of, New York
2677. Massapequa Park (NY), Village of, New York
2678. Melville (NY), Fire District of, New York
2679. Merrick Library (NY), New York
2680. Mill Neck (NY), Village of, New York
2681. Miller Place (NY), Fire District of, New York
2682. Millerton (NY), Village of, New York
2683. Monroe (NY), County of, New York
2684. Montgomery (NY), County of, New York
2685. Mount Sinai (NY), Fire District of, New York
2686. Mount Vernon (NY), City of, New York
2687. Nassau (NY), County of, New York
2688. Nesconset (NY), Fire District of, New York
2689. New Hyde Park (NY), Village of, New York
2690. New York (NY), City of, New York
2691. Niagara (NY), County of, New York
2692. Nissequogue (NY), Village of, New York
2693. North Hempstead (NY), Town of, New York
2694. North Merrick (NY), Fire District of, New York
2695. North Patchogue (NY), Fire District of, New York
2696. Northport (NY), Village of, New York
2697. Ogdensburg (NY), City of, New York
2698. Old Westbury (NY), Village of, New York
2699. Oneida (NY), County of, New York
2700. Onondaga (NY), County of, New York
2701. Ontario (NY), County of, New York
2702. Orange (NY), County of, New York
2703. Orangetown (NY), Town of, New York
2704. Orleans (NY) County of, New York
2705. Oswego (NY), County of, New York
2706. Otsego (NY), County of, New York
2707. Oyster Bay (NY), Town of, New York
2708. Patchogue (NY), Village of, New York
2709. Plainview - Old Bethpage Public Library (NY), New York
2710. Plattsburgh (NY), City of, New York
2711. Poquott (NY), Village of, New York
2712. Port Washington (NY), Water District of, New York
2713. Port Washington North (NY), Village of, New York
2714. Poughkeepsie (NY), City of, New York
2715. Poughkeepsie (NY), Town of, New York
2716. Putnam (NY), County of, New York
2717. Ramapo (NY), Town of, New York
2718. Rensselaer (NY), County of, New York
2719. Ridge (NY), Fire District of, New York
2720. Riverhead (NY), Town of, New York
2721. Rochester (NY), City of, New York
2722. Rockland (NY), County of, New York
2723. Rockville Centre Public Library (NY), New York
2724. Rome (NY), City of, New York
2725. Rosalyn (NY) Water District, New York
2726. Saltaire (NY), Village of, New York
2727. Saratoga (NY), County of, New York
2728. Saratoga Springs (NY), City of, New York
2729. Schenectady (NY), City of, New York
2730. Schenectady (NY), County of, New York
2731. Schoharie (NY), County of, New York
2732. Schuyler (NY), County of, New York
2733. Seneca (NY), County of, New York
2734. Smithtown (NY), Fire District of, New York
2735. Smithtown (NY), Town of, New York
2736. South Farmingdale (NY), Fire District of, New York
2737. Southampton (NY), Town of, New York
2738. Southold (NY), Town of, New York
2739. St James (NY), Fire District, New York
2740. St. Lawrence (NY), County of, New York
2741. Steuben (NY), County of, New York
2742. Stewart Manor (NY), Village of, New York

2743. Stony Brook (NY), Fire District of, New York
2744. Stony Point (NY), Town of, New York
2745. Suffern (NY), Village of, New York
2746. Suffolk (NY), County of, New York
2747. Sullivan (NY), County of, New York
2748. Syracuse (NY), City of, New York
2749. The Branch (NY), Village of, New York
2750. Tioga (NY), County of, New York
2751. Tompkins (NY), County of, New York
2752. Tonawanda (NY), Town of, New York
2753. Troy (NY), City of, New York
2754. Ulster (NY), County of, New York
2755. Uniondale (NY), Fire District of, New York
2756. Utica (NY), City of, New York
2757. Valley Stream (NY), Village of, New York
2758. Wappinger (NY), Town of, New York
2759. Wappingers Falls (NY), Village of, New York
2760. Warren (NY), County of, New York
2761. Washington (NY), County of, New York
2762. West Hampton Dunes (NY), Village of, New York
2763. West Haverstraw (NY), Village of, New York
2764. West Hempstead (NY) Public Library, New York
2765. Westbury (NY), Village of, New York
2766. Westchester (NY), County of, New York
2767. Wyoming (NY), County of, New York
2768. Yates (NY) County of, New York
2769. Yonkers (NY), City of, New York
2770. Alamance (NC), County of, North Carolina
2771. Alexander (NC), County of, North Carolina
2772. Alleghany (NC), County of, North Carolina
2773. Anson (NC), County of, North Carolina
2774. Ashe (NC), County of, North Carolina
2775. Beaufort (NC), County of, North Carolina
2776. Bertie (NC), County of, North Carolina
2777. Bladen (NC), County of, North Carolina
2778. Brunswick (NC), County of, North Carolina
2779. Buncombe (NC), County of, North Carolina
2780. Burke (NC), County of, North Carolina
2781. Cabarrus (NC), County of, North Carolina
2782. Caldwell (NC), County of, North Carolina
2783. Camden (NC), County of, North Carolina
2784. Canton (NC), City of, North Carolina
2785. Carteret (NC), County of, North Carolina
2786. Caswell (NC), County of, North Carolina
2787. Catawba (NC), County of, North Carolina
2788. Chatham (NC), County of, North Carolina
2789. Cherokee (NC), County of, North Carolina
2790. Chowan (NC), County of, North Carolina
2791. Cleveland (NC), County of, North Carolina
2792. Columbus (NC), County of, North Carolina
2793. Craven (NC), County of, North Carolina
2794. Cumberland (NC), County of, North Carolina
2795. Currituck (NC), County of, North Carolina
2796. Dare (NC), County of, North Carolina
2797. Davidson (NC), County of, North Carolina
2798. Davie (NC), County of, North Carolina
2799. Duplin (NC), County of, North Carolina
2800. Durham (NC), County of, North Carolina
2801. Fayetteville (NC), City Of, North Carolina
2802. Forsyth (NC), County of, North Carolina
2803. Franklin (NC), County of, North Carolina
2804. Gaston (NC), County of, North Carolina
2805. Granville (NC), County of, North Carolina
2806. Greene (NC), County of, North Carolina
2807. Greensboro (NC), City of, North Carolina
2808. Guilford (NC), County of, North Carolina
2809. Halifax (NC), County of, North Carolina
2810. Haywood (NC), County of, North Carolina
2811. Henderson (NC), City of, North Carolina
2812. Hickory (NC), City of, North Carolina
2813. Iredell (NC) County of, North Carolina
2814. Jacksonville (NC), City of, North Carolina
2815. Jones (NC), County of, North Carolina
2816. Lee (NC), County of, North Carolina
2817. Lenoir (NC), County of, North Carolina
2818. Lincoln (NC), County of, North Carolina
2819. Madison (NC), County of, North Carolina
2820. Martin (NC), County of, North Carolina
2821. McDowell (NC), County of, North Carolina
2822. Mecklenburg (NC), County of, North Carolina
2823. Mitchell (NC), County of, North Carolina
2824. Moore (NC), County of, North Carolina
2825. New Hanover (NC), County of, North Carolina
2826. Onslow (NC), County of, North Carolina
2827. Orange (NC), County of, North Carolina
2828. Pamlico (NC), County of, North Carolina
2829. Pasquotank (NC), County of, North Carolina
2830. Person (NC), County of, North Carolina
2831. Pitt (NC), County of, North Carolina
2832. Polk (NC), County of, North Carolina
2833. Randolph (NC), County of, North Carolina
2834. Richmond (NC), County of, North Carolina
2835. Robeson (NC), County of, North Carolina

2836. Rockingham (NC), County of, North Carolina
2837. Rowan (NC), County of, North Carolina
2838. Rutherford (NC), County of, North Carolina
2839. Sampson (NC), County of, North Carolina
2840. Scotland (NC), County of, North Carolina
2841. Stokes (NC), County of, North Carolina
2842. Surry (NC), County of, North Carolina
2843. Tyrrell (NC), County of, North Carolina
2844. Vance (NC), County of, North Carolina
2845. Warren (NC), County of, North Carolina
2846. Washington (NC), County of, North Carolina
2847. Watauga (NC), County of, North Carolina
2848. Wayne (NC), County of, North Carolina
2849. Wilkes (NC), County of, North Carolina
2850. Wilmington (NC), City of, North Carolina
2851. Winston-Salem (NC), City of, North Carolina
2852. Yadkin (NC), County of, North Carolina
2853. Yancey (NC), County of, North Carolina
2854. Barnes (ND), County of, North Dakota
2855. Benson (ND), County of, North Dakota
2856. Bismarck (ND), City of, North Dakota
2857. Burleigh (ND), County of, North Dakota
2858. Cass (ND), County of, North Dakota
2859. Devils Lake (ND), City of, North Dakota
2860. Dickey (ND), County of, North Dakota
2861. Dunn (ND), County of, North Dakota
2862. Eddy (ND), County of, North Dakota
2863. Fargo (ND), City of, North Dakota
2864. Foster (ND), County of, North Dakota
2865. Grand Forks (ND), City of, North Dakota
2866. Grand Forks (ND), County of, North Dakota
2867. Lamoure (ND), County of, North Dakota
2868. Lisbon (ND), City of, North Dakota
2869. McKenzie (ND), County of, North Dakota
2870. McLean (ND), County of, North Dakota
2871. Mercer (ND), County of, North Dakota
2872. Mountrail (ND), County of, North Dakota
2873. Pembina (ND), County of, North Dakota
2874. Pierce (ND), County of, North Dakota
2875. Ramsey (ND), County of, North Dakota
2876. Ransom (ND), County of, North Dakota
2877. Richland (ND), County of, North Dakota
2878. Rolette (ND), County of, North Dakota
2879. Sargent (ND), County of, North Dakota
2880. Stark (ND), County of, North Dakota
2881. Towner (ND), County of, North Dakota
2882. Walsh (ND), County of, North Dakota
2883. Ward (ND), County of, North Dakota
2884. Wells (ND), County of, North Dakota
2885. Williams (ND), County of, North Dakota
2886. Adams (OH), County of (Board of Commissioners), Ohio
2887. Akron (OH), City of, Ohio
2888. Allen (OH), County of (Board of Commissioners), Ohio
2889. Alliance (OH), City of, Ohio
2890. Ashland (OH), City of, Ohio
2891. Ashland (OH), County of (Board of Commissioners), Ohio
2892. Ashtabula (OH), County of, Ohio
2893. Athens (OH), County of (Board of Commissioners), Ohio
2894. Auglaize (OH), County of (Board of Commissioners), Ohio
2895. Aurora (OH), City of, Ohio
2896. Barberton (OH), City of, Ohio
2897. Belmont (OH), County of (Board of Commissioners), Ohio
2898. Boston (OH), Township of, Ohio
2899. Boston Heights (OH), Village of, Ohio
2900. Broadview Heights (OH), City of, Ohio
2901. Brooklyn Heights (OH), Village of, Ohio
2902. Brown (OH), County of (Board of Commissioners), Ohio
2903. Brunswick (OH), City of, Ohio
2904. Butler (OH), County of (Board of Commissioners), Ohio
2905. Canton (OH), City of, Ohio
2906. Carroll (OH), County of (Board of Commissioners), Ohio
2907. Champaign (OH), County of (Board of Commissioners), Ohio
2908. Cincinnati (OH), City of, Ohio
2909. Clermont (OH), County of (Board of Commissioners), Ohio
2910. Cleveland (OH), City of, Ohio
2911. Clinton (OH), County of (Board of Commissioners), Ohio
2912. Clinton (OH), Village of, Ohio
2913. Columbiana (OH), County of (Board of Commissioners), Ohio
2914. Columbus (OH), City of, Ohio
2915. Copley (OH), Township of, Ohio
2916. Coshocton (OH), County of (Board of Commissioners), Ohio
2917. Coventry (OH), Township of, Ohio
2918. Crawford (OH), County of (Board of Commissioners), Ohio
2919. Cuyahoga Falls (OH), City of, Ohio
2920. Darke (OH), County of (Commissioners), Ohio

2921. Dayton (OH), City of, Ohio
2922. Delaware (OH), County of (Board of Commissioners), Ohio
2923. East Cleveland (OH), City of, Ohio
2924. Elyria (OH), City of, Ohio
2925. Erie (OH), County of (Board of Commissioners), Ohio
2926. Euclid (OH), City of, Ohio
2927. Fairfield (OH), City of, Ohio
2928. Fairfield (OH), County of (Board of Commissioners), Ohio
2929. Fairlawn (OH), City of, Ohio
2930. Fayette (OH), County of, Ohio
2931. Findlay (OH), City of, Ohio
2932. Fostoria (OH), City of, Ohio
2933. Franklin (OH), County of (Board of Commissioners), Ohio
2934. Fulton (OH), County of (Board of Commissioners), Ohio
2935. Gallia (OH), County of (Board of Commissioners), Ohio
2936. Garfield Heights (OH), City of, Ohio
2937. Geauga (OH), County of (Commissioners), Ohio
2938. Green (OH), City of, Ohio
2939. Guernsey (OH), County of (Board of Commissioners), Ohio
2940. Hamilton (OH), City of, Ohio
2941. Hamilton (OH), County of (Board of Commissioners), Ohio
2942. Hancock (OH), County of (Board of Commissioners), Ohio
2943. Harrison (OH), County of (Commissioners), Ohio
2944. Hocking (OH), County of (Board of Commissioners), Ohio
2945. Huron (OH), City of, Ohio
2946. Huron (OH), County of (Board of Commissioners), Ohio
2947. Ironton (OH), City of, Ohio
2948. Jackson (OH), County of (Board of Commissioners), Ohio
2949. Jefferson (OH), County of, Ohio
2950. Kent (OH), City of, Ohio
2951. Knox (OH), County of (Board of Commissioners), Ohio
2952. Lake (OH), County of, Ohio
2953. Lakemore (OH), Village of, Ohio
2954. Lakewood (OH), City of, Ohio
2955. Lawrence (OH), County of (Board of Commissioners), Ohio
2956. Lebanon (OH), City of, Ohio
2957. Licking (OH), County (Board of Commissioners), Ohio
2958. Lima (OH), City of, Ohio
2959. Logan (OH), County of (Board of Commissioners), Ohio
2960. Lorain (OH), City of, Ohio
2961. Lorain (OH), County of, Ohio
2962. Lucas (OH), County of (Board of Commissioners), Ohio
2963. Lucas County Children Services Board of Trustees (OH), Ohio
2964. Lyndhurst (OH), City of, Ohio
2965. Macedonia (OH), City of, Ohio
2966. Mansfield (OH), City of, Ohio
2967. Marietta (OH), City of, Ohio
2968. Marion (OH), County of, Ohio
2969. Massillon (OH), City of, Ohio
2970. Mayfield Heights (OH), City of, Ohio
2971. Medina (OH), County of, Ohio
2972. Meigs (OH), County of, Ohio
2973. Mental Health & Recovery Services Board of Allen, Auglaize, and Hardin Counties (OH), Ohio
2974. Mental Health & Recovery Services Board of Lucas County (OH), Ohio
2975. Mercer (OH), County of (Board of Commissioners), Ohio
2976. Miami (OH), County of (Board of Commissioners), Ohio
2977. Middletown (OH), City of, Ohio
2978. Mogadore (OH), Village of, Ohio
2979. Monroe (OH), County of (Board of Commissioners), Ohio
2980. Montgomery (OH), County of (Board of Commissioners), Ohio
2981. Morrow (OH), County of (Board of Commisioners), Ohio
2982. Munroe Falls (OH), City of, Ohio
2983. Muskingum (OH), County of (Board of Commissioners), Ohio
2984. New Franklin (OH), City of, Ohio
2985. Newburgh Heights (OH), Village of, Ohio
2986. Noble (OH), County of (Commissioners), Ohio
2987. North Olmsted (OH), City of, Ohio
2988. North Ridgeville (OH), City of, Ohio
2989. North Royalton (OH), City of, Ohio
2990. Norton (OH), City of, Ohio
2991. Norwalk (OH), City of, Ohio
2992. Olmsted Falls (OH), City of, Ohio
2993. Ottawa (OH), County of (Board of Commissioners), Ohio
2994. Painesville (OH), Township of, Ohio

2995. Parma (OH), City of, Ohio
2996. Parma Heights (OH), City of, Ohio
2997. Peninsula (OH), Village of, Ohio
2998. Perry (OH), County of (Board of Commissioners), Ohio
2999. Pike (OH), County of (Board), Ohio
3000. Portage (OH), County of, Ohio
3001. Portsmouth (OH), City of, Ohio
3002. Ravenna (OH), City of, Ohio
3003. Richfield (OH), Village of, Ohio
3004. Richland (OH), County Children's Services of, Ohio
3005. Ross (OH), County of, Ohio
3006. Sandusky (OH), City of, Ohio
3007. Sandusky (OH), County of (Commissioners), Ohio
3008. Scioto (OH), County of (Board of Commissioners), Ohio
3009. Seneca (OH), County of (Board of Commissioners), Ohio
3010. Seven Hills (OH), City of, Ohio
3011. Shelby (OH), County of (Board of Commissioners), Ohio
3012. Silver Lake (OH), Village of, Ohio
3013. Springfield (OH), Township of, Ohio
3014. St. Marys (OH), City of, Ohio
3015. Stark (OH), County of, Ohio
3016. Stow (OH), City of, Ohio
3017. Strongsville (OH), City of, Ohio
3018. Tallmadge (OH), City of, Ohio
3019. Toledo (OH), City of, Ohio
3020. Trumbull (OH), County of, Ohio
3021. Tuscarawas (OH), County of, Ohio
3022. Valley Fire District (OH), Ohio
3023. Van Wert (OH), City of, Ohio
3024. Van Wert (OH), County of (Board of Commissioners), Ohio
3025. Vinton County (OH), County of (Board of Commissioners), Ohio
3026. Warren (OH), City of, Ohio
3027. Warrensville Heights (OH), City of, Ohio
3028. Washington (OH), County of, Ohio
3029. Wayne (OH), County of (Board of Commissioners), Ohio
3030. Wickliffe (OH), City of, Ohio
3031. Williams (OH), County of (Commissioners), Ohio
3032. Wyandot (OH), County of (Board of Commissioners), Ohio
3033. Youngstown (OH), City of, Ohio
3034. Ada, (OK), City of, Oklahoma
3035. Altus (OK), City of, Oklahoma
3036. Anadarko (OK), City of, Oklahoma
3037. Atoka (OK), County of (Board of Commissioners), Oklahoma
3038. Beckham (OK), County of (Board of Commissioners), Oklahoma
3039. Bethany (OK), City of, Oklahoma
3040. Broken Arrow (OK), City of, Oklahoma
3041. Burns Flat (OK), Town of, Oklahoma
3042. Caddo (OK), County of (Board of Commissioners), Oklahoma
3043. Choctaw (OK), County of (Board of Commissioners), Oklahoma
3044. Cimarron (OK), County of (Board of Commissioners), Oklahoma
3045. Cleveland (OK), County of (Board of Commissioners), Oklahoma
3046. Coal (OK), County of (Board of Commissioners), Oklahoma
3047. Comanche (OK), County of (Board of Commissioners), Oklahoma
3048. Craig (OK), County of (County Commission), Oklahoma
3049. Creek (OK), County of (County Commission), Oklahoma
3050. Custer (OK), County of (Board of Commissioners), Oklahoma
3051. Delaware (OK), County of (Board of Commissioners), Oklahoma
3052. Dewey County (OK), County of (Board of Commissioners), Oklahoma
3053. Edmond (OK), City of, Oklahoma
3054. El Reno (OK), City of, Oklahoma
3055. Elk City (OK), City of, Oklahoma
3056. Enid (OK), City of, Oklahoma
3057. Garvin (OK), County of (Board of Commissioners), Oklahoma
3058. Grady (OK), County of (Board of Commissioners), Oklahoma
3059. Greer (OK), County of (Board of Commissioners), Oklahoma
3060. Guthrie (OK), City of, Oklahoma
3061. Harmon (OK), County of (Board of Commissioners), Oklahoma
3062. Harper County (OK), County of (Board of Commissioners), Oklahoma
3063. Haskell County (OK), County of (Board of Commissioners), Oklahoma
3064. Hughes (OK), County of (Board of Commissioners), Oklahoma
3065. Jackson (OK), County of (Board of Commissioners), Oklahoma
3066. Jefferson (OK), County of (Board of Commissioners), Oklahoma
3067. Jenks (OK), City of, Oklahoma

3068. Johnston County (OK), County of (Board of Commissioners), Oklahoma
3069. Kay (OK), County of (Commissioners), Oklahoma
3070. Kiowa (OK), County of (Board of Commissioners), Oklahoma
3071. Latimer (OK), County of (Board of Commissioners), Oklahoma
3072. Lawton (OK), City of, Oklahoma
3073. Le Flore (OK), County of (Board of Commissioners), Oklahoma
3074. Lincoln (OK), County of (Board of Commissioners), Oklahoma
3075. Logan County (OK), County of (Board of Commissioners), Oklahoma
3076. Love County (OK), County of (Board of Commissioners), Oklahoma
3077. Major County (OK), County of (Board of Commissioners), Oklahoma
3078. Mayes (OK), County of (County Commission), Oklahoma
3079. McClain (OK), County of (Board of Commissioners), Oklahoma
3080. McCurtain (OK), County of (Board of Commissioners), Oklahoma
3081. Midwest City (OK), City of, Oklahoma
3082. Muskogee (OK), City of, Oklahoma
3083. Muskogee (OK), County of (Board of Commissioners), Oklahoma
3084. Mustang (OK), City of, Oklahoma
3085. Noble (OK), County of (Commissioners), Oklahoma
3086. Nowata (OK), County of, Oklahoma
3087. Okfuskee (OK), County of (Board of Commissioners), Oklahoma
3088. Oklahoma (OK), County of (Board of Commissioners), Oklahoma
3089. Oklahoma City (OK), City of, Oklahoma
3090. Okmulgee (OK), County of (County Commission), Oklahoma
3091. Osage County (OK), County of (Board of Commissioners), Oklahoma
3092. Ottawa (OK), County of (Board of Commissioners), Oklahoma
3093. Owasso (OK), City of, Oklahoma
3094. Pawnee (OK), County of (Board of Commissioners), Oklahoma
3095. Payne (OK), County of (County Commission), Oklahoma
3096. Pittsburg (OK), County of (Board of Commissioners), Oklahoma
3097. Ponca City (OK), City of, Oklahoma
3098. Pottawatomie (OK), County of (Board of Commissioners), Oklahoma
3099. Roger Mills (OK), County of (Board of Commissioners), Oklahoma
3100. Rogers (OK), County of (County Commission), Oklahoma
3101. Seminole (OK), City of, Oklahoma
3102. Seminole (OK), County of (Board of Commissioners), Oklahoma
3103. Shawnee (OK), City of, Oklahoma
3104. Stephens (OK), County of (Board of Commissioners), Oklahoma
3105. Stillwater (OK), City of, Oklahoma
3106. Texas (OK), County of (Board of Commissioners), Oklahoma
3107. Tillman (OK), County of (Board of Commissioners), Oklahoma
3108. Tulsa (OK), City of, Oklahoma
3109. Tulsa (OK), County of (Board of Commissioners), Oklahoma
3110. Washington (OK), County of (County Commission), Oklahoma
3111. Woods County (OK), County of (Board of Commissioners), Oklahoma
3112. Woodward (OK), County of (Board of Commissioners), Oklahoma
3113. Yukon (OK), City of, Oklahoma
3114. Clackamas (OR), County of, Oregon
3115. Clatsop (OR), County of, Oregon
3116. Columbia (OR), County of, Oregon
3117. Coos (OR), County of, Oregon
3118. Curry (OR), County of, Oregon
3119. Jackson (OR), County of, Oregon
3120. Josephine (OR), County of, Oregon
3121. Lane (OR), County of, Oregon
3122. Multnomah (OR), County of, Oregon
3123. Portland (OR), City of, Oregon
3124. Washington (OR), County of, Oregon
3125. Yamhill (OR), County of, Oregon
3126. Adams (PA), County of, Pennsylvania
3127. Aliquippa (PA), City of, Pennsylvania
3128. Allegheny, (PA), County of, Pennsylvania
3129. Allentown (PA), City of, Pennsylvania
3130. Armstrong (PA), County of, Pennsylvania
3131. Beaver (PA), County of, Pennsylvania
3132. Bedford (PA), County of, Pennsylvania
3133. Bensalem (PA), Township of, Pennsylvania
3134. Berks (PA) County of (District Attorney John Adams), Pennsylvania
3135. Bradford (PA), County of, Pennsylvania
3136. Bristol (PA), Township, Pennsylvania
3137. Bucks (PA), County of, Pennsylvania
3138. Cambria (PA), County of, Pennsylvania

3139. Carbon (PA), County of, Pennsylvania
3140. Chester (PA), County of, Pennsylvania
3141. Clarion (PA), County of, Pennsylvania
3142. Clearfield (PA), County of, Pennsylvania
3143. Clinton (PA), County of, Pennsylvania
3144. Coatesville (PA), City of, Pennsylvania
3145. Columbia (PA), County of, Pennsylvania
3146. Cumberland (PA), County of, Pennsylvania
3147. Dauphin (PA) County, of (District Attorney Francis Chardo), Pennsylvania
3148. Delaware (PA), County of, Pennsylvania
3149. Edwardsville (PA), Borough of, Pennsylvania
3150. Erie (PA), County of, Pennsylvania
3151. Exeter (PA), Borough of, Pennsylvania
3152. Fairview (PA), Township of, Pennsylvania
3153. Fayette (PA), County of, Pennsylvania
3154. Forty Fort (PA), Borough of, Pennsylvania
3155. Franklin (PA), County of, Pennsylvania
3156. Greene (PA), County of, Pennsylvania
3157. Hanover (PA), Township of, Pennsylvania
3158. Hazleton (PA), City of, Pennsylvania
3159. Huntingdon (PA), County of, Pennsylvania
3160. Indiana (PA), County of, Pennsylvania
3161. Kingston (PA), Borough of, Pennsylvania
3162. Lackawanna (PA), County of, Pennsylvania
3163. Lawrence (PA), County of, Pennsylvania
3164. Lehigh (PA), County of, Pennsylvania
3165. Lock Haven (PA), City of, Pennsylvania
3166. Lower Makefield (PA), Township of, Pennsylvania
3167. Lower Southampton (PA), Township of, Pennsylvania
3168. Luzerne (PA), County of, Pennsylvania
3169. Lycoming (PA), County of, Pennsylvania
3170. Mercer (PA), County of, Pennsylvania
3171. Middletown (PA), Township of, Pennsylvania
3172. Monroe (PA), County of, Pennsylvania
3173. Morrisville (PA), Borough of, Pennsylvania
3174. Nanticoke (PA), City of, Pennsylvania
3175. New Castle (PA), City of, Pennsylvania
3176. Newtown (PA), Township of, Pennsylvania
3177. Norristown (PA), Municipality of, Pennsylvania
3178. Northampton (PA) County of (District Attorney Terence Houck), Pennsylvania
3179. Northumberland (PA), County of, Pennsylvania
3180. Philadelphia (PA), City of, Pennsylvania
3181. Pike (PA), County of, Pennsylvania
3182. Pittsburgh (PA), City of, Pennsylvania
3183. Plains (PA), Township, Pennsylvania
3184. Schuylkill (PA), County of, Pennsylvania
3185. Sugar Notch (PA), Borough, Pennsylvania
3186. Tioga (PA), County of, Pennsylvania
3187. Union (PA), Township of, Pennsylvania
3188. Warminster (PA), Township of, Pennsylvania
3189. Warrington (PA), Township of, Pennsylvania
3190. Washington (PA), County of, Pennsylvania
3191. West Norriton (PA), Township of, Pennsylvania
3192. West Pittston (PA), Borough of, Pennsylvania
3193. Westmoreland (PA), County of, Pennsylvania
3194. Wilkes-Barre (PA), City of, Pennsylvania
3195. Wilkes-Barre (PA), Township, Pennsylvania
3196. Wright (PA), Township of, Pennsylvania
3197. Wyoming (PA), Borough of, Pennsylvania
3198. Wyoming (PA), County of, Pennsylvania
3199. York (PA), County of, Pennsylvania
3200. Adjuntas (PR), Municipality of, Puerto Rico
3201. Arroyo (PR), Municipality of, Puerto Rico
3202. Barceloneta (PR), Municipality of, Puerto Rico
3203. Bayamon (PR), Municipality of, Puerto Rico
3204. Caguas (PR), Municipality of, Puerto Rico
3205. Canovanas Puerto Rico (PR), Municipality of, Puerto Rico
3206. Catano (PR), Municipality of, Puerto Rico
3207. Cayey (PR), Municipality of, Puerto Rico
3208. Ceiba (PR), Municipality of, Puerto Rico
3209. Cidra (PR), Municipality of, Puerto Rico
3210. Coamo (PR), Municipality of, Puerto Rico
3211. Guayanilla (PR), Municipality of, Puerto Rico
3212. Isla de Vieques (PR), Municipality of, Puerto Rico
3213. Juncos (PR), Municipality of, Puerto Rico
3214. Loiza (PR), Municipality of, Puerto Rico
3215. Rio Grande (PR), Municipality of, Puerto Rico
3216. Sabana Grande (PR), Municipality of, Puerto Rico
3217. San Juan (PR), Municipality of, Puerto Rico
3218. Vega Alta (PR), Municipality of, Puerto Rico

3219. Villalba (PR), Municipality of, Puerto Rico
3220. Yabucoa (PR), Municipality of, Puerto Rico
3221. Barrington (RI), Town of, Rhode Island
3222. Bristol (RI), Town of, Rhode Island
3223. Burrillville (RI), Town of, Rhode Island
3224. Central Falls (RI), City of, Rhode Island
3225. Charlestown (RI), Town of, Rhode Island
3226. Coventry (RI), Town of, Rhode Island
3227. Cranston (RI), City of, Rhode Island
3228. Cumberland (RI), Town of, Rhode Island
3229. East Greenwich (RI), Town of, Rhode Island
3230. East Providence (RI), City of, Rhode Island
3231. Foster (RI), Town of, Rhode Island
3232. Glocester (RI), Town of, Rhode Island
3233. Hopkinton (RI), Town of, Rhode Island
3234. Jamestown (RI), Town of, Rhode Island
3235. Johnston (RI), Town of, Rhode Island
3236. Middletown (RI), Town of, Rhode Island
3237. Narragansett (RI), Town of, Rhode Island
3238. Newport (RI), City of, Rhode Island
3239. North Kingstown (RI), Town of, Rhode Island
3240. North Providence (RI), Town of, Rhode Island
3241. Pawtucket (RI), City of, Rhode Island
3242. Portsmouth (RI), Town of, Rhode Island
3243. Providence (RI), City of, Rhode Island
3244. Richmond (RI), Town of, Rhode Island
3245. Scituate (RI), Town of, Rhode Island
3246. Smithfield (RI), Town of, Rhode Island
3247. South Kingstown (RI), Town of, Rhode Island
3248. Warren (RI), Town of, Rhode Island
3249. Warwick (RI), City of, Rhode Island
3250. West Greenwich (RI), Town of, Rhode Island
3251. West Warwick (RI), Town of, Rhode Island
3252. Westerly (RI), Town of, Rhode Island
3253. Woonsocket (RI), City of, Rhode Island
3254. Abbeville (SC), County of, South Carolina
3255. Aiken (SC), County of, South Carolina
3256. Allendale (SC), County of, South Carolina
3257. Anderson, (SC), County of, South Carolina
3258. Bamberg (SC), County of, South Carolina
3259. Barnwell (SC), County of, South Carolina
3260. Beaufort (SC), County of, South Carolina
3261. Berkeley (SC), County of, South Carolina
3262. Calhoun (SC), County of, South Carolina
3263. Charleston (SC), City of, South Carolina
3264. Charleston (SC), County of, South Carolina
3265. Cherokee (SC), County of, South Carolina
3266. Chester (SC), City of, South Carolina
3267. Chester (SC), County of, South Carolina
3268. Chesterfield (SC), County of, South Carolina
3269. Clarendon (SC), County of, South Carolina
3270. Colleton (SC), County of, South Carolina
3271. Columbia (SC), City of, South Carolina
3272. Dillon (SC), County of, South Carolina
3273. Dorchester (SC), County of, South Carolina
3274. Edgefield (SC), County, South Carolina
3275. Fairfield (SC) County of, South Carolina
3276. Florence (SC), County of, South Carolina
3277. Georgetown (SC), City of, South Carolina
3278. Georgetown (SC), County of, South Carolina
3279. Greenville (SC), County of, South Carolina
3280. Greenwood (SC), County of, South Carolina
3281. Hampton (SC), County of, South Carolina
3282. Horry (SC), County of, South Carolina
3283. Jasper (SC), County of, South Carolina
3284. Kershaw (SC) County Hospital Board, South Carolina
3285. Kershaw (SC), County of, South Carolina
3286. Lancaster (SC), County of, South Carolina
3287. Laurens (SC), County of, South Carolina
3288. Lee (SC), County of, South Carolina
3289. Lexington County (SC), South Carolina
3290. Marion (SC), County of, South Carolina
3291. Marlboro (SC), County of, South Carolina
3292. McCormick (SC), County of, South Carolina
3293. Mt. Pleasant (SC), Town of, South Carolina
3294. Myrtle Beach (SC), City of, South Carolina
3295. Newberry (SC), County of, South Carolina
3296. North Charleston (SC), City of, South Carolina
3297. Oconee (SC), County of, South Carolina
3298. Orangeburg (SC), City of, South Carolina
3299. Orangeburg (SC), County of, South Carolina
3300. Pickens (SC) County of, South Carolina
3301. Richland (SC), County of, South Carolina
3302. Saluda (SC), County of, South Carolina
3303. Spartanburg (SC), County of, South Carolina
3304. Summerville (SC), Town of, South Carolina
3305. Sumter (SC), County of, South Carolina
3306. Union (SC), County of, South Carolina

3307. Williamsburg (SC) County of, South Carolina
3308. York (SC), County of, South Carolina
3309. Pennington (SD), County of, South Dakota
3310. Alexandria (TN), Town of, Tennessee
3311. Algood (TN), City of, Tennessee
3312. Ardmore (TN), City of, Tennessee
3313. Arlington (TN), Town of, Tennessee
3314. Auburntown (TN), Town of, Tennessee
3315. Baxter (TN), Town of, Tennessee
3316. Bedford (TN), County of, Tennessee
3317. Bell Buckle (TN), Town of, Tennessee
3318. Blount (TN), County of, Tennessee
3319. Byrdstown (TN), Town of, Tennessee
3320. Campbell (TN), County of, Tennessee
3321. Cannon (TN), County of, Tennessee
3322. Celine (TN), City of, Tennessee
3323. Centertown (TN), Town of, Tennessee
3324. Centerville (TN), Town of, Tennessee
3325. Chapel Hill (TN), Town of, Tennessee
3326. Claiborne (TN), County of, Tennessee
3327. Clarksville (TN), City of, Tennessee
3328. Clay (TN), County of, Tennessee
3329. Clifton (TN), City of, Tennessee
3330. Collinwood (TN), City of, Tennessee
3331. Columbia (TN), City of, Tennessee
3332. Cookeville (TN), City of, Tennessee
3333. Cornersville (TN), Town of, Tennessee
3334. Crab Orchard (TN), City of, Tennessee
3335. Crockett (TN), County of, Tennessee
3336. Crossville (TN), City of, Tennessee
3337. Cumberland (TN), County of, Tennessee
3338. Dandridge (TN), Town of, Tennessee
3339. Decatur (TN), County of, Tennessee
3340. Decatur (TN), Town of, Tennessee
3341. Dekalb (TN), County of, Tennessee
3342. Dowelltown (TN), Town of, Tennessee
3343. Doyle (TN), Town of, Tennessee
3344. Eagleville (TN), City of, Tennessee
3345. Elkton (TN), City of, Tennessee
3346. Ethridge (TN), Town of, Tennessee
3347. Fayetteville (TN), City of, Tennessee
3348. Fentress (TN), County of, Tennessee
3349. Gatlinburg (TN) City of, Tennessee
3350. Germantown (TN), City of, Tennessee
3351. Giles (TN), County of, Tennessee
3352. Greene (TN), County of, Tennessee
3353. Hamilton (TN), County of, Tennessee
3354. Hancock (TN), County of, Tennessee
3355. Hawkins (TN), County of, Tennessee
3356. Haywood (TN), County of, Tennessee
3357. Henderson (TN), County of, Tennessee
3358. Iron City (TN), City of, Tennessee
3359. Jefferson (TN), County of, Tennessee
3360. Johnson (TN), County of, Tennessee
3361. La Vergne (TN), City of, Tennessee
3362. Lauderdale (TN), County of, Tennessee
3363. Lawrence (TN), County of, Tennessee
3364. Lawrenceburg (TN), City of, Tennessee
3365. Lewisburg (TN), City of, Tennessee
3366. Lexington (TN), City of, Tennessee
3367. Liberty (TN), Town of, Tennessee
3368. Lincoln (TN), County of, Tennessee
3369. Livingston (TN), Town of, Tennessee
3370. Loretto (TN), City of, Tennessee
3371. Lynchburg, Moore County Metropolitan Government (TN), Tennessee
3372. Lynnville (TN), Town of, Tennessee
3373. Madison (TN), County of, Tennessee
3374. Marshall (TN), County of, Tennessee
3375. Maryville (TN), City of, Tennessee
3376. McMinnville (TN), City of, Tennessee
3377. Memphis (TN), City of, Tennessee
3378. Millington (TN), City of, Tennessee
3379. Minor Hill (TN), City of, Tennessee
3380. Monterey (TN), Town of, Tennessee
3381. Montgomery (TN), County of, Tennessee
3382. Morgan (TN), County of, Tennessee
3383. Morrison (TN), Town of, Tennessee
3384. Mount Pleasant (TN), City of, Tennessee
3385. Murfreesboro (TN), City of, Tennessee
3386. Nashville and Davidson County (TN), Government of, Tennessee
3387. Normandy (TN), Town of, Tennessee
3388. Obion (TN), County of, Tennessee
3389. Overton (TN), County of, Tennessee
3390. Petersburg (TN), Town of, Tennessee
3391. Pickett (TN), County of, Tennessee
3392. Pigeon Forge (TN), City of, Tennessee
3393. Pleasant Hill (TN), Town of, Tennessee
3394. Pulaski (TN), City of, Tennessee
3395. Putnam (TN), County of, Tennessee
3396. Ripley (TN), City of, Tennessee
3397. Rutherford (TN), County of, Tennessee
3398. Scott (TN), County, Tennessee
3399. Shelby (TN), County of (Board of Commissioners), Tennessee
3400. Shelbyville (TN), City of, Tennessee
3401. Smith (TN), County of, Tennessee
3402. Smithville (TN), City of, Tennessee
3403. Smyrna (TN), Town of, Tennessee
3404. Sparta (TN), City of, Tennessee
3405. Spencer (TN), Town of, Tennessee
3406. Spring Hill (TN), City of, Tennessee
3407. St. Joseph (TN), City of, Tennessee
3408. Sumner (TN), County of, Tennessee

3409. Van Buren (TN), County of, Tennessee
3410. Viola (TN), Town of, Tennessee
3411. Warren (TN), County of, Tennessee
3412. Wartrace (TN), Town of, Tennessee
3413. Washington (TN), County of, Tennessee
3414. Wayne (TN), County of, Tennessee
3415. Waynesboro (TN), City of, Tennessee
3416. White (TN), County of, Tennessee
3417. Williamson (TN), County of, Tennessee
3418. Woodbury (TN), Town of, Tennessee
3419. Angelina (TX), County of, Texas
3420. Bailey (TX), County of, Texas
3421. Bastrop (TX), County of, Texas
3422. Bexar (TX), County of, Texas
3423. Bexar County Hospital District d/b/a University Health System (TX), Texas
3424. Bowie (TX), County of, Texas
3425. Brazos (TX), County of, Texas
3426. Brooks (TX), County of, Texas
3427. Burleson (TX), County of, Texas
3428. Burnet (TX), County of, Texas
3429. Caldwell (TX), County of, Texas
3430. Calhoun (TX), County of, Texas
3431. Cameron (TX), County of, Texas
3432. Camp (TX), County of, Texas
3433. Cass (TX), County of, Texas
3434. Castro (TX), County of, Texas
3435. Cherokee (TX), County of, Texas
3436. Childress (TX), County of, Texas
3437. Clay (TX), County of, Texas
3438. Colorado (TX), County of, Texas
3439. Cooke (TX), County of, Texas
3440. Dallas (TX), County of, Texas
3441. Dallas County Hospital District d/b/a Parkland Health & Hospital System (TX), Texas
3442. Delta (TX), County of, Texas
3443. Dimmit (TX), County of, Texas
3444. Duval (TX), County of, Texas
3445. Eagle Pass (TX), City of, Texas
3446. Ector (TX), County of, Texas
3447. El Paso (TX), County of, Texas
3448. Ellis (TX), County of, Texas
3449. Falls (TX), County of, Texas
3450. Fannin (TX), County of, Texas
3451. Fort Bend (TX), County of, Texas
3452. Franklin (TX), County of, Texas
3453. Freestone (TX), County of, Texas
3454. Galveston (TX), County of, Texas
3455. Grayson (TX), County of, Texas
3456. Guadalupe (TX), County of, Texas
3457. Guadalupe Valley Hospital a/k/a Guadalupe Regional Medical Center (TX), Texas
3458. Harris (TX), County of, Texas
3459. Harris County Hospital District d/b/a Harris Health System (TX), Texas
3460. Harrison (TX), County of, Texas
3461. Haskell (TX), County of, Texas
3462. Hays (TX), County of, Texas
3463. Henderson (TX), County of, Texas
3464. Hidalgo (TX), County of, Texas
3465. Hopkins (TX), County of, Texas
3466. Houston (TX), City of, Texas
3467. Houston (TX), County of, Texas
3468. Irving Independent School District (TX), Texas
3469. Jasper (TX), County of, Texas
3470. Jefferson (TX), County of, Texas
3471. Jim Hogg (TX), County of, Texas
3472. Jim Wells (TX), County of, Texas
3473. Johnson (TX), County of, Texas
3474. Jones (TX), County of, Texas
3475. Kaufman (TX), County of, Texas
3476. Kendall (TX), County of, Texas
3477. Kerr (TX), County of, Texas
3478. Kinney (TX), County of, Texas
3479. Kleberg (TX), County of, Texas
3480. La Salle (TX), County of, Texas
3481. Lamar (TX), County of, Texas
3482. Laredo (TX), City of, Texas
3483. Leon (TX), County of, Texas
3484. Leon Valley (TX), City of, Texas
3485. Liberty (TX), County of, Texas
3486. Limestone (TX), County of, Texas
3487. Lubbock (TX), County of, Texas
3488. Madison (TX), County of, Texas
3489. Marion (TX), County of, Texas
3490. Maverick (TX), County of, Texas
3491. McLennan (TX), County of, Texas
3492. McMullen (TX), County of, Texas
3493. Milam (TX), County of, Texas
3494. Mitchell (TX), County of, Texas
3495. Montgomery (TX), County of, Texas
3496. Morris (TX), County of, Texas
3497. Nacogdoches (TX), County of, Texas
3498. Newton (TX), County of, Texas
3499. Nolan (TX), County of, Texas
3500. Nueces (TX), County of, Texas
3501. Nueces County Hospital District (TX), Texas
3502. Ochiltree County Hospital District (TX), Texas
3503. Orange (TX), County of, Texas

3504. Palo Pinto County Hospital District a/k/a Palo Pinto General Hospital (TX), Texas
3505. Panola (TX), County of, Texas
3506. Polk (TX), County of, Texas
3507. Potter (TX), County of, Texas
3508. Red River (TX), County of, Texas
3509. Roberts (TX), County of, Texas
3510. Robertson (TX), County of, Texas
3511. Rockwall (TX), County of, Texas
3512. Rusk (TX), County of, Texas
3513. San Antonio (TX), City of, Texas
3514. San Patricio (TX), County of, Texas
3515. San Saba (TX), County of, Texas
3516. Shackelford (TX), County of, Texas
3517. Shelby (TX), County of, Texas
3518. Smith (TX), County of, Texas
3519. Socorro Independent School District (TX), Texas
3520. Stephens (TX), County of, Texas
3521. Tarrant (TX), County of, Texas
3522. Tarrant County Hospital District (TX) d/b/a JPS Health Network, Texas
3523. Terrell (TX), County of, Texas
3524. Texarkana Independent School District (TX), Texas
3525. Throckmorton (TX), County of, Texas
3526. Titus (TX), County of, Texas
3527. Travis (TX), County of, Texas
3528. Trinity (TX), County of, Texas
3529. Upshur (TX), County of, Texas
3530. Uvalde (TX), County of, Texas
3531. Van Zandt (TX), County of, Texas
3532. Walker (TX), County of, Texas
3533. Waller (TX), County of, Texas
3534. Webb (TX), County of, Texas
3535. West Wharton County (TX) Hospital District, Texas
3536. Wichita (TX), County of, Texas
3537. Williamson (TX), County of, Texas
3538. Wilson (TX), County of, Texas
3539. Wilson County Memorial Hospital District (TX), Texas
3540. Wood (TX), County of, Texas
3541. Zavala (TX), County of, Texas
3542. Beaver (UT), County of, Utah
3543. Cache (UT), County of, Utah
3544. Carbon (UT), County of, Utah
3545. Daggett (UT), County of, Utah
3546. Davis (UT), County of, Utah
3547. Duchesne (UT), County of, Utah
3548. Emery (UT), County of, Utah
3549. Garfield (UT), County of, Utah
3550. Grand (UT), County of, Utah
3551. Iron (UT), County of, Utah
3552. Juab (UT), County of, Utah
3553. Kane (UT), County of, Utah
3554. Millard (UT), County of, Utah
3555. Piute (UT), County of, Utah
3556. Rich (UT), County of, Utah
3557. Salt Lake (UT), County of, Utah
3558. San Juan (UT), County of, Utah
3559. Sanpete (UT), County of, Utah
3560. Sevier (UT), County of, Utah
3561. Summit (UT), County of, Utah
3562. Tooele (UT), County of, Utah
3563. Tri-County Health Department (UT), Utah
3564. Uintah (UT), County of, Utah
3565. Utah (UT), County of, Utah
3566. Wasatch (UT), County of, Utah
3567. Washington (UT), County of, Utah
3568. Wayne (UT), County of, Utah
3569. Weber (UT), County of, Utah
3570. Bennington (VT), Town of, Vermont
3571. Brattleboro (VT), Town of, Vermont
3572. Sharon (VT), Town of, Vermont
3573. St. Albans (VT), City of, Vermont
3574. Accomack (VA), County of, Virginia
3575. Alexandria (VA), City of, Virginia
3576. Alleghany (VA), County of, Virginia
3577. Amherst (VA), County of, Virginia
3578. Arlington (VA), County of (County Board), Virginia
3579. Bland (VA), County of, Virginia
3580. Botetourt (VA), County of, Virginia
3581. Bristol (VA), City of, Virginia
3582. Buchanan (VA), County of, Virginia
3583. Buena Vista (VA), City of, Virginia
3584. Carroll (VA), County of, Virginia
3585. Charlotte (VA), County of, Virginia
3586. Chesapeake (VA), City of, Virginia
3587. Chesterfield (VA), County of, Virginia
3588. Covington (VA), City of, Virginia
3589. Culpeper (VA), County of, Virginia
3590. Cumberland (VA), County of, Virginia
3591. Danville (VA), City of, Virginia
3592. Dickenson (VA), County of, Virginia
3593. Dinwiddie (VA), County of, Virginia
3594. Emporia (VA), City of, Virginia
3595. Fairfax (VA), City of, Virginia
3596. Fairfax (VA), County of (Board of Supervisors), Virginia
3597. Fauquier (VA), County of, Virginia
3598. Floyd (VA), County of, Virginia
3599. Franklin (VA), County of, Virginia
3600. Frederick (VA), County of, Virginia
3601. Fredericksburg (VA), City of, Virginia

3602. Galax (VA), City of, Virginia
3603. Giles (VA), County of, Virginia
3604. Goochland (VA), County of, Virginia
3605. Grayson (VA), County of, Virginia
3606. Greensville (VA), County of, Virginia
3607. Halifax (VA), County of, Virginia
3608. Henrico (VA), County of, Virginia
3609. Henry (VA), County of, Virginia
3610. Hopewell (VA), City of, Virginia
3611. Isle of Wight (VA), County of, Virginia
3612. King and Queen (VA), County of, Virginia
3613. Lee (VA), County of, Virginia
3614. Lexington (VA), City of, Virginia
3615. Loudoun (VA), County of, Virginia
3616. Louisa (VA), County of, Virginia
3617. Madison (VA), County of, Virginia
3618. Martinsville (VA), City of, Virginia
3619. Mecklenburg (VA), County of, Virginia
3620. Montgomery (VA), County of, Virginia
3621. Norfolk (VA), City of, Virginia
3622. Northampton (VA), County of, Virginia
3623. Northumberland (VA), County of, Virginia
3624. Norton (VA), City of, Virginia
3625. Page (VA), County of, Virginia
3626. Patrick (VA), County of, Virginia
3627. Pittsylvania (VA), County of, Virginia
3628. Portsmouth (VA), City of, Virginia
3629. Prince George (VA), County of, Virginia
3630. Prince William (VA), County of (Board of Supervisors), Virginia
3631. Pulaski (VA), County of, Virginia
3632. Radford (VA), City of, Virginia
3633. Richlands (VA), Town of, Virginia
3634. Richmond (VA), City of, Virginia
3635. Richmond (VA), County of, Virginia
3636. Roanoke (VA), City of, Virginia
3637. Roanoke (VA), County of, Virginia
3638. Rockbridge (VA), County of, Virginia
3639. Russell (VA), County of, Virginia
3640. Salem (VA), City of, Virginia
3641. Scott (VA), County of (Board of Supervisors), Virginia
3642. Shenandoah (VA), County of, Virginia
3643. Smyth (VA), County of, Virginia
3644. Stafford (VA), County of, Virginia
3645. Tazewell (VA), County of, Virginia
3646. Virginia Beach (VA), City of, Virginia
3647. Virginia Beach (VA), City of (Sheriff), Virginia
3648. Warren (VA), County of, Virginia
3649. Washington (VA), County of, Virginia
3650. Waynesboro (VA), City of, Virginia
3651. Westmoreland (VA), County of, Virginia
3652. Winchester (VA), City of, Virginia
3653. Wise (VA), County of (Board of Supervisors), Virginia
3654. Wythe (VA), County of, Virginia
3655. Anacortes (WA), City of, Washington
3656. Bainbridge Island (WA), City of, Washington
3657. Burlington (WA), City of, Washington
3658. Chelan (WA), County of, Washington
3659. Clallam (WA), County of, Washington
3660. Clark (WA), County of, Washington
3661. Everett (WA), City of, Washington
3662. Franklin (WA), County of, Washington
3663. Island (WA), County of, Washington
3664. Jefferson (WA), County of, Washington
3665. Kent (WA), City of, Washington
3666. King (WA), County of, Washington
3667. Kirkland (WA), City of, Washington
3668. Kitsap (WA), County of, Washington
3669. Kittitas (WA), County of, Washington
3670. Lakewood (WA), City of, Washington
3671. Lewis (WA), County of, Washington
3672. Lincoln (WA), County of, Washington
3673. Mount Vernon (WA), City of, Washington
3674. Mount Vernon (WA), School District of, Washington
3675. Olympia (WA), City of, Washington
3676. Pierce (WA), County of, Washington
3677. San Juan (WA), County of, Washington
3678. Seattle (WA), City of, Washington
3679. Sedro-Woolley (WA), City of, Washington
3680. Sedro-Woolley School District (WA), Washington
3681. Skagit (WA), County of, Washington
3682. Snohomish (WA), County of, Washington
3683. Spokane (WA), City of, Washington
3684. Spokane (WA), County of, Washington
3685. Tacoma (WA), City of, Washington
3686. The La Conner School District (WA), Washington
3687. Thurston (WA), County of, Washington
3688. Vancouver (WA), City of, Washington
3689. Walla Walla (WA), County of, Washington
3690. Whatcom (WA), County of, Washington
3691. Whitman (WA), County of, Washington
3692. Adams (WI), County of, Wisconsin
3693. Ashland (WI), County of, Wisconsin
3694. Barron (WI), County of, Wisconsin
3695. Bayfield (WI), County of, Wisconsin
3696. Brown (WI), County of, Wisconsin
3697. Buffalo (WI), County of, Wisconsin
3698. Burnett (WI), County of, Wisconsin
3699. Calumet (WI), County of, Wisconsin

3700. Chippewa (WI), County of, Wisconsin
3701. Clark (WI), County of, Wisconsin
3702. Columbia (WI), County of, Wisconsin
3703. Crawford (WI), County of, Wisconsin
3704. Cudahy (WI), City of, Wisconsin
3705. Dane (WI), County of, Wisconsin
3706. Dodge (WI), County of, Wisconsin
3707. Door (WI), County of, Wisconsin
3708. Douglas (WI), County of, Wisconsin
3709. Dunn (WI), County of, Wisconsin
3710. Eau Claire (WI), County of, Wisconsin
3711. Florence (WI), County of, Wisconsin
3712. Fond du Lac (WI), County of, Wisconsin
3713. Forest (WI), County of, Wisconsin
3714. Franklin (WI), City of, Wisconsin
3715. Grant (WI), County of, Wisconsin
3716. Green (WI), County of, Wisconsin
3717. Green Lake (WI), County of, Wisconsin
3718. Greenfield (WI), City of, Wisconsin
3719. Iowa (WI), County of, Wisconsin
3720. Iron (WI), County of, Wisconsin
3721. Jackson (WI), County of, Wisconsin
3722. Janesville (WI), City of, Wisconsin
3723. Jefferson (WI), County of, Wisconsin
3724. Juneau (WI), County of, Wisconsin
3725. Kenosha (WI), City of, Wisconsin
3726. Kenosha (WI), County of, Wisconsin
3727. Kewaunee (WI), County of, Wisconsin
3728. La Crosse (WI), County of, Wisconsin
3729. Lafayette (WI), County of, Wisconsin
3730. Langlade (WI), County of, Wisconsin
3731. Lincoln (WI), County of, Wisconsin
3732. Manitowoc (WI), County of, Wisconsin
3733. Marathon (WI), County of, Wisconsin
3734. Marinette (WI), City of, Wisconsin
3735. Marinette (WI), County of, Wisconsin
3736. Marquette (WI), County of, Wisconsin
3737. Menominee (WI), County of, Wisconsin
3738. Milwaukee (WI), City of, Wisconsin
3739. Milwaukee (WI), County of, Wisconsin
3740. Monroe (WI), County of, Wisconsin
3741. Mount Pleasant (WI), Village of, Wisconsin
3742. Oak Creek (WI), City of, Wisconsin
3743. Oconto (WI), County of, Wisconsin
3744. Oneida (WI), County of, Wisconsin
3745. Outagamie (WI), County of, Wisconsin
3746. Ozaukee (WI), County of, Wisconsin
3747. Pepin (WI), County of, Wisconsin
3748. Pierce (WI), County of, Wisconsin
3749. Pleasant Prairie (WI), Village of, Wisconsin
3750. Portage (WI), County of, Wisconsin
3751. Price (WI), County of, Wisconsin
3752. Racine (WI), County of, Wisconsin
3753. Richland (WI), County of, Wisconsin
3754. Rock (WI), County of, Wisconsin
3755. Rusk (WI), County of, Wisconsin
3756. Sauk (WI), County of, Wisconsin
3757. Sawyer (WI), County of, Wisconsin
3758. Shawano (WI), County of, Wisconsin
3759. Sheboygan (WI), County of, Wisconsin
3760. South Milwaukee (WI), City of, Wisconsin
3761. St. Croix (WI), County of, Wisconsin
3762. Sturtevant (WI), Village of, Wisconsin
3763. Superior (WI), City of, Wisconsin
3764. Taylor (WI), County of, Wisconsin
3765. Trempealeau (WI), County of, Wisconsin
3766. Union Grove (WI), Village of, Wisconsin
3767. Vernon (WI), County of, Wisconsin
3768. Vilas (WI), County of, Wisconsin
3769. Walworth (WI), County of, Wisconsin
3770. Washburn (WI), County of, Wisconsin
3771. Washington (WI), County of, Wisconsin
3772. Waukesha (WI), County of, Wisconsin
3773. Waupaca (WI), County of, Wisconsin
3774. Waushara (WI), County of, Wisconsin
3775. Wauwatosa (WI), City of, Wisconsin
3776. West Allis (WI), City of, Wisconsin
3777. Winnebago (WI), County of, Wisconsin
3778. Wood (WI), County of, Wisconsin
3779. Yorkville (WI), Village of, Wisconsin
3780. Carbon (WY), County of, Wyoming
3781. Casper (WY), City of, Wyoming
3782. Cheyenne (WY), City of, Wyoming
3783. Green River (WY), City of, Wyoming
3784. Riverton (WY), City of, Wyoming
3785. Rock Springs (WY), City of, Wyoming
3786. Sweetwater (WY), County of, Wyoming

EXHIBIT D

Later Litigating Subdivision Suspension and Offset Determinations

Participation Tier	Per Capita Amount[13]	Suspension Percentage	Offset Cap	Suspension Deadline and Ending Point
1	$2,500	66%	66%	Earlier of (1) 6 months after denial of a motion to dismiss, (2) 12 months from filing, or (3) 6 months before final pre-trial conference, and until final judgment affirmed on appeal, including dismissal.
2	$2,000	33.33%	34%	Earlier of (1) 6 months after denial of a motion to dismiss, (2) 12 months from filing, or (3) 6 months before final pre-trial conference, and until final judgment affirmed on appeal, including dismissal.
3	$1,500	27.5%	30%	Earlier of (1) 9 months after denial of a motion to dismiss, (2) 12 months from filing, or (3) 6 months before final pre-trial conference, and until final judgment affirmed on appeal, including dismissal.
4	$1,000	20%	25%	Earlier of (1) 9 months after denial of a motion to dismiss, (2) 12 months from filing, or (3) 6 months before final pre-trial conference, and until final judgment affirmed on appeal, including dismissal.

[13] Population will be measured at the level of the Later Litigating Subdivision as described in Section XIV.A, Section XIV.B, and Section XIV.C.

EXHIBIT E

List of Opioid Remediation Uses

Schedule A
Core Strategies

States and Qualifying Block Grantees shall choose from among the abatement strategies listed in Schedule B. However, priority shall be given to the following core abatement strategies ("*Core Strategies*").[14]

A. **NALOXONE OR OTHER FDA-APPROVED DRUG TO REVERSE OPIOID OVERDOSES**

1. Expand training for first responders, schools, community support groups and families; and

2. Increase distribution to individuals who are uninsured or whose insurance does not cover the needed service.

B. **MEDICATION-ASSISTED TREATMENT ("*MAT*") DISTRIBUTION AND OTHER OPIOID-RELATED TREATMENT**

1. Increase distribution of MAT to individuals who are uninsured or whose insurance does not cover the needed service;

2. Provide education to school-based and youth-focused programs that discourage or prevent misuse;

3. Provide MAT education and awareness training to healthcare providers, EMTs, law enforcement, and other first responders; and

4. Provide treatment and recovery support services such as residential and inpatient treatment, intensive outpatient treatment, outpatient therapy or counseling, and recovery housing that allow or integrate medication and with other support services.

[14] As used in this Schedule A, words like "expand," "fund," "provide" or the like shall not indicate a preference for new or existing programs.

C. **PREGNANT & POSTPARTUM WOMEN**

1. Expand Screening, Brief Intervention, and Referral to Treatment ("*SBIRT*") services to non-Medicaid eligible or uninsured pregnant women;

2. Expand comprehensive evidence-based treatment and recovery services, including MAT, for women with co-occurring Opioid Use Disorder ("*OUD*") and other Substance Use Disorder ("*SUD*")/Mental Health disorders for uninsured individuals for up to 12 months postpartum; and

3. Provide comprehensive wrap-around services to individuals with OUD, including housing, transportation, job placement/training, and childcare.

D. **EXPANDING TREATMENT FOR NEONATAL ABSTINENCE SYNDROME ("*NAS*")**

1. Expand comprehensive evidence-based and recovery support for NAS babies;

2. Expand services for better continuum of care with infant-need dyad; and

3. Expand long-term treatment and services for medical monitoring of NAS babies and their families.

E. **EXPANSION OF WARM HAND-OFF PROGRAMS AND RECOVERY SERVICES**

1. Expand services such as navigators and on-call teams to begin MAT in hospital emergency departments;

2. Expand warm hand-off services to transition to recovery services;

3. Broaden scope of recovery services to include co-occurring SUD or mental health conditions;

4. Provide comprehensive wrap-around services to individuals in recovery, including housing, transportation, job placement/training, and childcare; and

5. Hire additional social workers or other behavioral health workers to facilitate expansions above.

F. **TREATMENT FOR INCARCERATED POPULATION**

1. Provide evidence-based treatment and recovery support, including MAT for persons with OUD and co-occurring SUD/MH disorders within and transitioning out of the criminal justice system; and

2. Increase funding for jails to provide treatment to inmates with OUD.

G. **PREVENTION PROGRAMS**

1. Funding for media campaigns to prevent opioid use (similar to the FDA's "Real Cost" campaign to prevent youth from misusing tobacco);

2. Funding for evidence-based prevention programs in schools;

3. Funding for medical provider education and outreach regarding best prescribing practices for opioids consistent with the 2016 CDC guidelines, including providers at hospitals (academic detailing);

4. Funding for community drug disposal programs; and

5. Funding and training for first responders to participate in pre-arrest diversion programs, post-overdose response teams, or similar strategies that connect at-risk individuals to behavioral health services and supports.

H. **EXPANDING SYRINGE SERVICE PROGRAMS**

1. Provide comprehensive syringe services programs with more wrap-around services, including linkage to OUD treatment, access to sterile syringes and linkage to care and treatment of infectious diseases.

I. **EVIDENCE-BASED DATA COLLECTION AND RESEARCH ANALYZING THE EFFECTIVENESS OF THE ABATEMENT STRATEGIES WITHIN THE STATE**

Schedule B
Approved Uses

Support treatment of Opioid Use Disorder (OUD) and any co-occurring Substance Use Disorder or Mental Health (SUD/MH) conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

PART ONE: TREATMENT

A. TREAT OPIOID USE DISORDER (OUD)

Support treatment of Opioid Use Disorder ("*OUD*") and any co-occurring Substance Use Disorder or Mental Health ("*SUD/MH*") conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:[15]

1. Expand availability of treatment for OUD and any co-occurring SUD/MH conditions, including all forms of Medication-Assisted Treatment ("*MAT*") approved by the U.S. Food and Drug Administration.

2. Support and reimburse evidence-based services that adhere to the American Society of Addiction Medicine ("*ASAM*") continuum of care for OUD and any co-occurring SUD/MH conditions.

3. Expand telehealth to increase access to treatment for OUD and any co-occurring SUD/MH conditions, including MAT, as well as counseling, psychiatric support, and other treatment and recovery support services.

4. Improve oversight of Opioid Treatment Programs ("*OTPs*") to assure evidence-based or evidence-informed practices such as adequate methadone dosing and low threshold approaches to treatment.

5. Support mobile intervention, treatment, and recovery services, offered by qualified professionals and service providers, such as peer recovery coaches, for persons with OUD and any co-occurring SUD/MH conditions and for persons who have experienced an opioid overdose.

6. Provide treatment of trauma for individuals with OUD (*e.g.*, violence, sexual assault, human trafficking, or adverse childhood experiences) and family members (*e.g.*, surviving family members after an overdose or overdose fatality), and training of health care personnel to identify and address such trauma.

7. Support evidence-based withdrawal management services for people with OUD and any co-occurring mental health conditions.

[15] As used in this Schedule B, words like "expand," "fund," "provide" or the like shall not indicate a preference for new or existing programs.

8. Provide training on MAT for health care providers, first responders, students, or other supporting professionals, such as peer recovery coaches or recovery outreach specialists, including telementoring to assist community-based providers in rural or underserved areas.

9. Support workforce development for addiction professionals who work with persons with OUD and any co-occurring SUD/MH conditions.

10. Offer fellowships for addiction medicine specialists for direct patient care, instructors, and clinical research for treatments.

11. Offer scholarships and supports for behavioral health practitioners or workers involved in addressing OUD and any co-occurring SUD/MH or mental health conditions, including, but not limited to, training, scholarships, fellowships, loan repayment programs, or other incentives for providers to work in rural or underserved areas.

12. Provide funding and training for clinicians to obtain a waiver under the federal Drug Addiction Treatment Act of 2000 ("*DATA 2000*") to prescribe MAT for OUD, and provide technical assistance and professional support to clinicians who have obtained a DATA 2000 waiver.

13. Disseminate of web-based training curricula, such as the American Academy of Addiction Psychiatry's Provider Clinical Support Service–Opioids web-based training curriculum and motivational interviewing.

14. Develop and disseminate new curricula, such as the American Academy of Addiction Psychiatry's Provider Clinical Support Service for Medication–Assisted Treatment.

B. SUPPORT PEOPLE IN TREATMENT AND RECOVERY

Support people in recovery from OUD and any co-occurring SUD/MH conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the programs or strategies that:

1. Provide comprehensive wrap-around services to individuals with OUD and any co-occurring SUD/MH conditions, including housing, transportation, education, job placement, job training, or childcare.

2. Provide the full continuum of care of treatment and recovery services for OUD and any co-occurring SUD/MH conditions, including supportive housing, peer support services and counseling, community navigators, case management, and connections to community-based services.

3. Provide counseling, peer-support, recovery case management and residential treatment with access to medications for those who need it to persons with OUD and any co-occurring SUD/MH conditions.

4. Provide access to housing for people with OUD and any co-occurring SUD/MH conditions, including supportive housing, recovery housing, housing assistance programs, training for housing providers, or recovery housing programs that allow or integrate FDA-approved mediation with other support services.

5. Provide community support services, including social and legal services, to assist in deinstitutionalizing persons with OUD and any co-occurring SUD/MH conditions.

6. Support or expand peer-recovery centers, which may include support groups, social events, computer access, or other services for persons with OUD and any co-occurring SUD/MH conditions.

7. Provide or support transportation to treatment or recovery programs or services for persons with OUD and any co-occurring SUD/MH conditions.

8. Provide employment training or educational services for persons in treatment for or recovery from OUD and any co-occurring SUD/MH conditions.

9. Identify successful recovery programs such as physician, pilot, and college recovery programs, and provide support and technical assistance to increase the number and capacity of high-quality programs to help those in recovery.

10. Engage non-profits, faith-based communities, and community coalitions to support people in treatment and recovery and to support family members in their efforts to support the person with OUD in the family.

11. Provide training and development of procedures for government staff to appropriately interact and provide social and other services to individuals with or in recovery from OUD, including reducing stigma.

12. Support stigma reduction efforts regarding treatment and support for persons with OUD, including reducing the stigma on effective treatment.

13. Create or support culturally appropriate services and programs for persons with OUD and any co-occurring SUD/MH conditions, including new Americans.

14. Create and/or support recovery high schools.

15. Hire or train behavioral health workers to provide or expand any of the services or supports listed above.

C. CONNECT PEOPLE WHO NEED HELP TO THE HELP THEY NEED (CONNECTIONS TO CARE)

Provide connections to care for people who have—or are at risk of developing—OUD and any co-occurring SUD/MH conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Ensure that health care providers are screening for OUD and other risk factors and know how to appropriately counsel and treat (or refer if necessary) a patient for OUD treatment.

2. Fund SBIRT programs to reduce the transition from use to disorders, including SBIRT services to pregnant women who are uninsured or not eligible for Medicaid.

3. Provide training and long-term implementation of SBIRT in key systems (health, schools, colleges, criminal justice, and probation), with a focus on youth and young adults when transition from misuse to opioid disorder is common.

4. Purchase automated versions of SBIRT and support ongoing costs of the technology.

5. Expand services such as navigators and on-call teams to begin MAT in hospital emergency departments.

6. Provide training for emergency room personnel treating opioid overdose patients on post-discharge planning, including community referrals for MAT, recovery case management or support services.

7. Support hospital programs that transition persons with OUD and any co-occurring SUD/MH conditions, or persons who have experienced an opioid overdose, into clinically appropriate follow-up care through a bridge clinic or similar approach.

8. Support crisis stabilization centers that serve as an alternative to hospital emergency departments for persons with OUD and any co-occurring SUD/MH conditions or persons that have experienced an opioid overdose.

9. Support the work of Emergency Medical Systems, including peer support specialists, to connect individuals to treatment or other appropriate services following an opioid overdose or other opioid-related adverse event.

10. Provide funding for peer support specialists or recovery coaches in emergency departments, detox facilities, recovery centers, recovery housing, or similar settings; offer services, supports, or connections to care to persons with OUD and any co-occurring SUD/MH conditions or to persons who have experienced an opioid overdose.

11. Expand warm hand-off services to transition to recovery services.

12. Create or support school-based contacts that parents can engage with to seek immediate treatment services for their child; and support prevention, intervention, treatment, and recovery programs focused on young people.

13. Develop and support best practices on addressing OUD in the workplace.

14. Support assistance programs for health care providers with OUD.

15. Engage non-profits and the faith community as a system to support outreach for treatment.

16. Support centralized call centers that provide information and connections to appropriate services and supports for persons with OUD and any co-occurring SUD/MH conditions.

D. ADDRESS THE NEEDS OF CRIMINAL JUSTICE-INVOLVED PERSONS

Address the needs of persons with OUD and any co-occurring SUD/MH conditions who are involved in, are at risk of becoming involved in, or are transitioning out of the criminal justice system through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Support pre-arrest or pre-arraignment diversion and deflection strategies for persons with OUD and any co-occurring SUD/MH conditions, including established strategies such as:

    1. Self-referral strategies such as the Angel Programs or the Police Assisted Addiction Recovery Initiative ("*PAARI*");

    2. Active outreach strategies such as the Drug Abuse Response Team ("*DART*") model;

    3. "Naloxone Plus" strategies, which work to ensure that individuals who have received naloxone to reverse the effects of an overdose are then linked to treatment programs or other appropriate services;

    4. Officer prevention strategies, such as the Law Enforcement Assisted Diversion ("*LEAD*") model;

    5. Officer intervention strategies such as the Leon County, Florida Adult Civil Citation Network or the Chicago Westside Narcotics Diversion to Treatment Initiative; or

    6. Co-responder and/or alternative responder models to address OUD-related 911 calls with greater SUD expertise.

2. Support pre-trial services that connect individuals with OUD and any co-occurring SUD/MH conditions to evidence-informed treatment, including MAT, and related services.

3. Support treatment and recovery courts that provide evidence-based options for persons with OUD and any co-occurring SUD/MH conditions.

4. Provide evidence-informed treatment, including MAT, recovery support, harm reduction, or other appropriate services to individuals with OUD and any co-occurring SUD/MH conditions who are incarcerated in jail or prison.

5. Provide evidence-informed treatment, including MAT, recovery support, harm reduction, or other appropriate services to individuals with OUD and any co-occurring SUD/MH conditions who are leaving jail or prison or have recently left jail or prison, are on probation or parole, are under community corrections supervision, or are in re-entry programs or facilities.

6. Support critical time interventions ("*CTI*"), particularly for individuals living with dual-diagnosis OUD/serious mental illness, and services for individuals who face immediate risks and service needs and risks upon release from correctional settings.

7. Provide training on best practices for addressing the needs of criminal justice-involved persons with OUD and any co-occurring SUD/MH conditions to law enforcement, correctional, or judicial personnel or to providers of treatment, recovery, harm reduction, case management, or other services offered in connection with any of the strategies described in this section.

E. ADDRESS THE NEEDS OF PREGNANT OR PARENTING WOMEN AND THEIR FAMILIES, INCLUDING BABIES WITH NEONATAL ABSTINENCE SYNDROME

Address the needs of pregnant or parenting women with OUD and any co-occurring SUD/MH conditions, and the needs of their families, including babies with neonatal abstinence syndrome ("*NAS*"), through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Support evidence-based or evidence-informed treatment, including MAT, recovery services and supports, and prevention services for pregnant women—or women who could become pregnant—who have OUD and any co-occurring SUD/MH conditions, and other measures to educate and provide support to families affected by Neonatal Abstinence Syndrome.

2. Expand comprehensive evidence-based treatment and recovery services, including MAT, for uninsured women with OUD and any co-occurring SUD/MH conditions for up to 12 months postpartum.

3. Provide training for obstetricians or other healthcare personnel who work with pregnant women and their families regarding treatment of OUD and any co-occurring SUD/MH conditions.

4. Expand comprehensive evidence-based treatment and recovery support for NAS babies; expand services for better continuum of care with infant-need dyad; and expand long-term treatment and services for medical monitoring of NAS babies and their families.

5. Provide training to health care providers who work with pregnant or parenting women on best practices for compliance with federal requirements that children born with NAS get referred to appropriate services and receive a plan of safe care.

6. Provide child and family supports for parenting women with OUD and any co-occurring SUD/MH conditions.

7. Provide enhanced family support and child care services for parents with OUD and any co-occurring SUD/MH conditions.

8. Provide enhanced support for children and family members suffering trauma as a result of addiction in the family; and offer trauma-informed behavioral health treatment for adverse childhood events.

9. Offer home-based wrap-around services to persons with OUD and any co-occurring SUD/MH conditions, including, but not limited to, parent skills training.

10. Provide support for Children's Services—Fund additional positions and services, including supportive housing and other residential services, relating to children being removed from the home and/or placed in foster care due to custodial opioid use.

PART TWO: PREVENTION

F. PREVENT OVER-PRESCRIBING AND ENSURE APPROPRIATE PRESCRIBING AND DISPENSING OF OPIOIDS

Support efforts to prevent over-prescribing and ensure appropriate prescribing and dispensing of opioids through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Funding medical provider education and outreach regarding best prescribing practices for opioids consistent with the Guidelines for Prescribing Opioids for Chronic Pain from the U.S. Centers for Disease Control and Prevention, including providers at hospitals (academic detailing).

2. Training for health care providers regarding safe and responsible opioid prescribing, dosing, and tapering patients off opioids.

3. Continuing Medical Education (CME) on appropriate prescribing of opioids.

4. Providing Support for non-opioid pain treatment alternatives, including training providers to offer or refer to multi-modal, evidence-informed treatment of pain.

5. Supporting enhancements or improvements to Prescription Drug Monitoring Programs ("*PDMPs*"), including, but not limited to, improvements that:

1. Increase the number of prescribers using PDMPs;

2. Improve point-of-care decision-making by increasing the quantity, quality, or format of data available to prescribers using PDMPs, by improving the interface that prescribers use to access PDMP data, or both; or

3. Enable states to use PDMP data in support of surveillance or intervention strategies, including MAT referrals and follow-up for individuals identified within PDMP data as likely to experience OUD in a manner that complies with all relevant privacy and security laws and rules.

6. Ensuring PDMPs incorporate available overdose/naloxone deployment data, including the United States Department of Transportation's Emergency Medical Technician overdose database in a manner that complies with all relevant privacy and security laws and rules.

7. Increasing electronic prescribing to prevent diversion or forgery.

8. Educating dispensers on appropriate opioid dispensing.

G. PREVENT MISUSE OF OPIOIDS

Support efforts to discourage or prevent misuse of opioids through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Funding media campaigns to prevent opioid misuse.

2. Corrective advertising or affirmative public education campaigns based on evidence.

3. Public education relating to drug disposal.

4. Drug take-back disposal or destruction programs.

5. Funding community anti-drug coalitions that engage in drug prevention efforts.

6. Supporting community coalitions in implementing evidence-informed prevention, such as reduced social access and physical access, stigma reduction—including staffing, educational campaigns, support for people in treatment or recovery, or training of coalitions in evidence-informed implementation, including the Strategic Prevention Framework developed by the U.S. Substance Abuse and Mental Health Services Administration ("*SAMHSA*").

7. Engaging non-profits and faith-based communities as systems to support prevention.

8. Funding evidence-based prevention programs in schools or evidence-informed school and community education programs and campaigns for students, families, school employees, school athletic programs, parent-teacher and student associations, and others.

9. School-based or youth-focused programs or strategies that have demonstrated effectiveness in preventing drug misuse and seem likely to be effective in preventing the uptake and use of opioids.

10. Create or support community-based education or intervention services for families, youth, and adolescents at risk for OUD and any co-occurring SUD/MH conditions.

11. Support evidence-informed programs or curricula to address mental health needs of young people who may be at risk of misusing opioids or other drugs, including emotional modulation and resilience skills.

12. Support greater access to mental health services and supports for young people, including services and supports provided by school nurses, behavioral health workers or other school staff, to address mental health needs in young people that (when not properly addressed) increase the risk of opioid or another drug misuse.

H. PREVENT OVERDOSE DEATHS AND OTHER HARMS (HARM REDUCTION)

Support efforts to prevent or reduce overdose deaths or other opioid-related harms through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Increased availability and distribution of naloxone and other drugs that treat overdoses for first responders, overdose patients, individuals with OUD and their friends and family members, schools, community navigators and outreach workers, persons being released from jail or prison, or other members of the general public.

2. Public health entities providing free naloxone to anyone in the community.

3. Training and education regarding naloxone and other drugs that treat overdoses for first responders, overdose patients, patients taking opioids, families, schools, community support groups, and other members of the general public.

4. Enabling school nurses and other school staff to respond to opioid overdoses, and provide them with naloxone, training, and support.

5. Expanding, improving, or developing data tracking software and applications for overdoses/naloxone revivals.

6. Public education relating to emergency responses to overdoses.

7. Public education relating to immunity and Good Samaritan laws.

8. Educating first responders regarding the existence and operation of immunity and Good Samaritan laws.

9. Syringe service programs and other evidence-informed programs to reduce harms associated with intravenous drug use, including supplies, staffing, space, peer support services, referrals to treatment, fentanyl checking, connections to care, and the full range of harm reduction and treatment services provided by these programs.

10. Expanding access to testing and treatment for infectious diseases such as HIV and Hepatitis C resulting from intravenous opioid use.

11. Supporting mobile units that offer or provide referrals to harm reduction services, treatment, recovery supports, health care, or other appropriate services to persons that use opioids or persons with OUD and any co-occurring SUD/MH conditions.

12. Providing training in harm reduction strategies to health care providers, students, peer recovery coaches, recovery outreach specialists, or other professionals that provide care to persons who use opioids or persons with OUD and any co-occurring SUD/MH conditions.

13. Supporting screening for fentanyl in routine clinical toxicology testing.

PART THREE: OTHER STRATEGIES

I. FIRST RESPONDERS

In addition to items in section C, D and H relating to first responders, support the following:

1. Education of law enforcement or other first responders regarding appropriate practices and precautions when dealing with fentanyl or other drugs.

2. Provision of wellness and support services for first responders and others who experience secondary trauma associated with opioid-related emergency events.

J. LEADERSHIP, PLANNING AND COORDINATION

Support efforts to provide leadership, planning, coordination, facilitations, training and technical assistance to abate the opioid epidemic through activities, programs, or strategies that may include, but are not limited to, the following:

1. Statewide, regional, local or community regional planning to identify root causes of addiction and overdose, goals for reducing harms related to the opioid epidemic, and areas and populations with the greatest needs for treatment

intervention services, and to support training and technical assistance and other strategies to abate the opioid epidemic described in this opioid abatement strategy list.

2. A dashboard to (a) share reports, recommendations, or plans to spend opioid settlement funds; (b) to show how opioid settlement funds have been spent; (c) to report program or strategy outcomes; or (d) to track, share or visualize key opioid- or health-related indicators and supports as identified through collaborative statewide, regional, local or community processes.

3. Invest in infrastructure or staffing at government or not-for-profit agencies to support collaborative, cross-system coordination with the purpose of preventing overprescribing, opioid misuse, or opioid overdoses, treating those with OUD and any co-occurring SUD/MH conditions, supporting them in treatment or recovery, connecting them to care, or implementing other strategies to abate the opioid epidemic described in this opioid abatement strategy list.

4. Provide resources to staff government oversight and management of opioid abatement programs.

K. TRAINING

In addition to the training referred to throughout this document, support training to abate the opioid epidemic through activities, programs, or strategies that may include, but are not limited to, those that:

1. Provide funding for staff training or networking programs and services to improve the capability of government, community, and not-for-profit entities to abate the opioid crisis.

2. Support infrastructure and staffing for collaborative cross-system coordination to prevent opioid misuse, prevent overdoses, and treat those with OUD and any co-occurring SUD/MH conditions, or implement other strategies to abate the opioid epidemic described in this opioid abatement strategy list (*e.g.*, health care, primary care, pharmacies, PDMPs, etc.).

L. RESEARCH

Support opioid abatement research that may include, but is not limited to, the following:

1. Monitoring, surveillance, data collection and evaluation of programs and strategies described in this opioid abatement strategy list.

2. Research non-opioid treatment of chronic pain.

3. Research on improved service delivery for modalities such as SBIRT that demonstrate promising but mixed results in populations vulnerable to opioid use disorders.

4. Research on novel harm reduction and prevention efforts such as the provision of fentanyl test strips.

5. Research on innovative supply-side enforcement efforts such as improved detection of mail-based delivery of synthetic opioids.

6. Expanded research on swift/certain/fair models to reduce and deter opioid misuse within criminal justice populations that build upon promising approaches used to address other substances (*e.g.*, Hawaii HOPE and Dakota 24/7).

7. Epidemiological surveillance of OUD-related behaviors in critical populations, including individuals entering the criminal justice system, including, but not limited to approaches modeled on the Arrestee Drug Abuse Monitoring ("*ADAM*") system.

8. Qualitative and quantitative research regarding public health risks and harm reduction opportunities within illicit drug markets, including surveys of market participants who sell or distribute illicit opioids.

9. Geospatial analysis of access barriers to MAT and their association with treatment engagement and treatment outcomes.

EXHIBIT F

List of States and Overall Allocation Percentages

Alabama	1.6419290312%
Alaska	0.2584550539%
American Samoa	0.0174042885%
Arizona	2.3755949882%
Arkansas	0.9663486633%
California	9.9213830698%
Colorado	1.6616291219%
Connecticut	1.3343523420%
Delaware	0.4900019063%
District of Columbia	0.2048876457%
Florida	7.0259134409%
Georgia	2.7882080114%
Guam	0.0509264160%
Hawaii	0.3418358185%
Idaho	0.5254331620%
Illinois	3.3263363702%
Indiana	2.2168933059%
Iowa	0.7579283477%
Kansas	0.8042000625%
Kentucky	2.0929730531%
Louisiana	1.5154431983%
Maine	0.5613880586%
Maryland	2.1106090494%
Massachusetts	2.3035761083%
Michigan	3.4020234989%
Minnesota	1.2972597706%
Mississippi	0.8898883053%
Missouri	2.0056475170%
Montana	0.3421667920%
N. Mariana Islands	0.0185877315%
Nebraska	0.4291907949%
Nevada	1.2486754235%
New Hampshire	0.6258752503%
New Jersey	2.7551354545%
New Mexico	0.8557238713%
New York	5.3903813405%

North Carolina	3.2502525994%
North Dakota	0.1858703224%
Ohio	4.3567051408%
Oklahoma	1.5831626090%
Oregon	1.4236951885%
Pennsylvania	4.5882419559%
Puerto Rico	0.7263201134%
Rhode Island	0.4895626814%
South Carolina	1.5834654145%
South Dakota	0.2169945907%
Tennessee	2.6881474977%
Texas	6.2932157196%
Utah	1.1889437113%
Vermont	0.2844241374%
Virgin Islands	0.0340410553%
Virginia	2.2801150757%
Washington	2.3189040182%
Wisconsin	1.7582560561%
Wyoming	0.1954758491%

EXHIBIT G

Subdivisions Eligible to Receive Direct Allocations from the Subdivision Fund and Default Subdivision Fund Allocation Percentages

The Subdivisions set forth on this Exhibit G are eligible to receive direct allocations from the Subdivision Fund, if such Subdivisions are otherwise eligible to receive such funds under this Agreement. By default, the Subdivisions set forth on this Exhibit G shall include: (1) all Litigating Subdivisions that are General Purpose Governments; (2) all counties and parishes in States with functional counties or parishes; (3) all Subdivisions that are the highest level of General Purpose Government in States without functional counties or parishes; and (4) all other Subdivisions that are General Purpose Governments with a population of 10,000 or greater. A State may elect to add any additional Subdivisions to this Exhibit G at any time prior to the Initial Participation Date.

Immediately upon the effectiveness of any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3) that addresses allocation from the Subdivision Fund, whether before or after the Initial Participation Date, this Exhibit G will automatically be amended to reflect the allocation from the Subdivision Fund pursuant to the State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3.

For the avoidance of doubt, inclusion on this Exhibit G shall not create any claim for any amount of the Settlement Fund, and no such amounts shall be allocated or distributed to any Subdivision included herein if such Subdivision does not otherwise meet all requirements to receive any such funds pursuant to this Agreement.

The Parties recognize the benefits of remediation funds reaching all communities, including through direct payments from the Subdivision Fund. However, to promote efficiency in the use of such funds and avoid administratively-burdensome disbursements that would be too small to add a meaningful abatement response, certain Subdivisions do not receive a direct allocation from the Subdivision Fund. However, such Subdivisions will benefit from Opioid Remediation in their community, and are eligible to receive direct benefits from the Abatement Accounts Fund in their State. All settlement funds, whether allocated to a Settling State, an Abatement Accounts Fund or a Subdivision listed on this Exhibit G can be used for Opioid Remediation in communities not listed herein.

As provided by Section V.D.4.c, the Allocation Percentages shown below apply to distribution of each Settling State's Subdivision Fund in the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. The allocation that would have otherwise gone to General Purpose Government Subdivisions not listed below as receiving a direct allocation shall be (1) directed to the county or parish in which such Subdivision is located in Settling States with functional counties or parishes if the relevant county or parish is a Participating Subdivision or (2) to the highest-level General Purpose Government in which such Subdivision is located in Settling States without functional counties or parishes if the relevant highest-level General

Purpose Government is a Participating Subdivision. Where the relevant county, parish or highest-level General Purpose Government is not a Participating Subdivision, allocations of General Purpose Subdivisions not listed below as eligible to become Participating Subdivisions shall be allocated pursuant to Section VII.I. The redirecting of funds described in this paragraph is intended to promote the efficient use of Opioid Remediation funds while keeping, where possible, local control of the distribution of those funds.

Allocations are subject to change pursuant to a State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution.

Subdivisions with Consolidated Allocations - Qualified Subdivisions Only

State ID	Qualifying Subdivision	Consolidated State Allocation
AL1	Abbeville City, Alabama	0.0667119585%
AL2	Alabaster City, Alabama	0.6171889697%
AL3	Albertville City, Alabama	0.3733736921%
AL4	Alexander City, Alabama	0.3851486869%
AL5	Anniston City, Alabama	0.9944963610%
AL6	Arab City, Alabama	0.2389903171%
AL7	Argo Town, Alabama	0.0297239135%
AL8	Ashland Town, Alabama	0.0484665799%
AL9	Ashville City, Alabama	0.0223377334%
AL10	Athens City, Alabama	0.4343221616%
AL11	Attalla City, Alabama	0.2042660128%
AL12	Auburn City, Alabama	0.6130747449%
AL13	Autauga County, Alabama	0.3128274268%
AL14	Baldwin County, Alabama	2.0634748791%
AL15	Barbour County, Alabama	0.0903480172%
AL16	Berry Town, Alabama	0.0255807640%
AL17	Bessemer City, Alabama	0.7109947981%
AL18	Bibb County, Alabama	0.4085288902%
AL19	Birmingham City, Alabama	5.1951777198%
AL20	Blount County, Alabama	0.9234442662%
AL21	Boaz City, Alabama	0.2060136530%
AL22	Brent City, Alabama	0.0773896125%
AL23	Bridgeport City, Alabama	0.0018784682%
AL24	Brookwood Town, Alabama	0.0086489962%
AL25	Brundidge City, Alabama	0.0135311792%
AL26	Bullock County, Alabama	0.0796915277%
AL27	Butler County, Alabama	0.1018481869%
AL28	Butler Town, Alabama	0.0667162698%
AL29	Calera City, Alabama	0.3019414983%
AL30	Calhoun County, Alabama	0.9063882548%
AL31	Camp Hill Town, Alabama	0.0075417001%
AL32	Carbon Hill City, Alabama	0.1157840003%
AL33	Cedar Bluff Town, Alabama	0.0710934048%
AL34	Center Point City, Alabama	0.0133238453%
AL35	Centre City, Alabama	0.1794085265%
AL36	Centreville City, Alabama	0.0284520830%
AL37	Chambers County, Alabama	0.5294659792%
AL38	Chelsea City, Alabama	0.0979008483%
AL39	Cherokee County, Alabama	0.3783571512%
AL40	Cherokee Town, Alabama	0.0103977337%
AL41	Chickasaw City, Alabama	0.1001322936%
AL42	Chilton County, Alabama	0.8173656065%
AL43	Choctaw County, Alabama	0.1561299913%
AL44	Clanton City, Alabama	0.2095674884%
AL45	Clarke County, Alabama	0.2981268690%

AL46	Clay County, Alabama	0.2055803292%
AL47	Cleburne County, Alabama	0.2547084960%
AL48	Cleveland Town, Alabama	0.0158272938%
AL49	Coffee County, Alabama	0.3871019364%
AL50	Colbert County, Alabama	0.3952915058%
AL51	Conecuh County, Alabama	0.1917624100%
AL52	Coosa County, Alabama	0.1512040683%
AL53	Cordova City, Alabama	0.1187316683%
AL54	Covington County, Alabama	0.5672964503%
AL55	Crenshaw County, Alabama	0.1784911624%
AL56	Cullman City, Alabama	0.6679011044%
AL57	Cullman County, Alabama	1.1134158448%
AL58	Dadeville City, Alabama	0.0300245280%
AL59	Dale County, Alabama	0.3019563918%
AL60	Daleville City, Alabama	0.0962526030%
AL61	Dallas County, Alabama	0.2567973552%
AL62	Daphne City, Alabama	0.3989058561%
AL63	Dauphin Island Town, Alabama	0.0572637276%
AL64	De Kalb County, Alabama	0.4973559628%
AL65	Decatur City, Alabama	2.3386961003%
AL66	Demopolis City, Alabama	0.1816852795%
AL67	Dora City, Alabama	0.1147227959%
AL68	Dothan City, Alabama	1.3536717998%
AL69	Double Springs Town, Alabama	0.0996372007%
AL70	Douglas Town, Alabama	0.0012077099%
AL71	Elmore County, Alabama	0.8969718491%
AL72	Enterprise City, Alabama	0.4127585791%
AL73	Escambia County, Alabama	1.1167843731%
AL74	Etowah County, Alabama	1.2766481766%
AL75	Eufaula City, Alabama	0.2639455521%
AL76	Evergreen City, Alabama	0.0514630047%
AL77	Fairfield City, Alabama	0.1452503338%
AL78	Fairhope City, Alabama	0.2772141345%
AL79	Faunsdale Town, Alabama	0.0003422380%
AL80	Fayette City, Alabama	0.0978658877%
AL81	Fayette County, Alabama	0.1722889409%
AL82	Florence City, Alabama	1.0811433319%
AL83	Foley City, Alabama	0.4270075488%
AL84	Fort Deposit Town, Alabama	0.0064072822%
AL85	Fort Payne City, Alabama	0.7227097485%
AL86	Franklin County, Alabama	0.3576596677%
AL87	Fultondale City, Alabama	0.1183265638%
AL88	Gadsden City, Alabama	1.0385843165%
AL89	Gardendale City, Alabama	0.2060359149%
AL90	Geneva City, Alabama	0.0824269236%
AL91	Geneva County, Alabama	0.2739977555%
AL92	Georgiana Town, Alabama	0.0227624346%
AL93	Geraldine Town, Alabama	0.0136718056%
AL94	Gilbertown, Alabama	0.0025025078%

AL95	Grant Town, Alabama	0.0211355106%
AL96	Graysville City, Alabama	0.0457358873%
AL97	Greene County, Alabama	0.0875741333%
AL98	Greensboro City, Alabama	0.0309843779%
AL99	Greenville City, Alabama	0.2124811365%
AL100	Guin City, Alabama	0.0314779814%
AL101	Gulf Shores City, Alabama	0.6056928761%
AL102	Guntersville City, Alabama	0.3155832033%
AL103	Gurley Town, Alabama	0.0093323748%
AL104	Hale County, Alabama	0.1637537628%
AL105	Haleyville City, Alabama	0.1770448423%
AL106	Hamilton City, Alabama	0.1121404116%
AL107	Hammondville Town, Alabama	0.0060874629%
AL108	Hartselle City, Alabama	0.0789440285%
AL109	Headland City, Alabama	0.0779554889%
AL110	Helena City, Alabama	0.1730779069%
AL111	Henagar City, Alabama	0.0426121618%
AL112	Henry County, Alabama	0.1009958841%
AL113	Homewood City, Alabama	0.4850077231%
AL114	Hoover City, Alabama	1.7195559976%
AL115	Houston County, Alabama	0.6936619236%
AL116	Hueytown City, Alabama	0.2414165543%
AL117	Huntsville City, Alabama	3.9595244225%
AL118	Irondale City, Alabama	0.2105232622%
AL119	Jackson County, Alabama	0.1962652779%
AL120	Jacksonville City, Alabama	0.3105081880%
AL121	Jasper City, Alabama	1.7503666697%
AL122	Jefferson County, Alabama	6.8382172586%
AL123	Killen Town, Alabama	0.0227596127%
AL124	Lamar County, Alabama	0.2021296511%
AL125	Lanett City, Alabama	0.1589197878%
AL126	Lauderdale County, Alabama	0.5802461540%
AL127	Lawrence County, Alabama	0.5631404452%
AL128	Lee County, Alabama	0.4246557010%
AL129	Leeds City, Alabama	0.1861377445%
AL130	Leesburg Town, Alabama	0.0238219145%
AL131	Leighton Town, Alabama	0.0070110196%
AL132	Level Plains Town, Alabama	0.0043528350%
AL133	Limestone County, Alabama	0.7224429188%
AL134	Lincoln City, Alabama	0.2292674962%
AL135	Linden City, Alabama	0.0213299890%
AL136	Locust Fork Town, Alabama	0.0048521608%
AL137	Louisville Town, Alabama	0.0057506336%
AL138	Lowndes County, Alabama	0.0861816651%
AL139	Luverne City, Alabama	0.0190236841%
AL140	Macon County, Alabama	0.1694431760%
AL141	Madison City, Alabama	0.5846219564%
AL142	Madison County, Alabama	1.6293910926%
AL143	Marengo County, Alabama	0.0618303242%

AL144	Marion City, Alabama	0.0292415194%
AL145	Marion County, Alabama	0.2768266672%
AL146	Marshall County, Alabama	0.9207690717%
AL147	McKenzie Town, Alabama	0.0054696942%
AL148	Midfield City, Alabama	0.0004832564%
AL149	Millbrook City, Alabama	0.3073353922%
AL150	Mobile City, Alabama	4.0071939625%
AL151	Mobile County, Alabama	3.4791001492%
AL152	Monroe County, Alabama	0.2337315625%
AL153	Monroeville City, Alabama	0.1318467688%
AL154	Montgomery City, Alabama	2.2065641592%
AL155	Montgomery County, Alabama	1.2171333286%
AL156	Moody City, Alabama	0.0449529570%
AL157	Morgan County, Alabama	0.3895218242%
AL158	Moulton City, Alabama	0.1681814574%
AL159	Mountain Brook City, Alabama	0.4426545523%
AL160	Munford Town, Alabama	0.0300193545%
AL161	Muscle Shoals City, Alabama	0.3330834343%
AL162	Nauvoo Town, Alabama	0.0232233507%
AL163	New Hope City, Alabama	0.0162383556%
AL164	Northport City, Alabama	0.5266238986%
AL165	Oakman Town, Alabama	0.0520189259%
AL166	Oneonta City, Alabama	0.3357228843%
AL167	Opelika City, Alabama	0.6661958717%
AL168	Opp City, Alabama	0.1150332087%
AL169	Orange Beach City, Alabama	0.3652233162%
AL170	Oxford City, Alabama	0.4374960548%
AL171	Ozark City, Alabama	0.3662502655%
AL172	Parrish Town, Alabama	0.1450906593%
AL173	Pelham City, Alabama	0.8534195126%
AL174	Pell City, Alabama	0.5517832536%
AL175	Perry County, Alabama	0.0631687837%
AL176	Phenix City, Alabama	0.7771409586%
AL177	Pickens County, Alabama	0.3558519831%
AL178	Piedmont City, Alabama	0.1781464160%
AL179	Pike County, Alabama	0.0368936669%
AL180	Pike Road Town, Alabama	0.0143829333%
AL181	Pleasant Grove City, Alabama	0.0641682975%
AL182	Powell Town, Alabama	0.0065863967%
AL183	Prattville City, Alabama	0.7490442043%
AL184	Priceville Town, Alabama	0.0151182042%
AL185	Prichard City, Alabama	0.1366181125%
AL186	Ragland Town, Alabama	0.0188691047%
AL187	Rainbow City, Alabama	0.1671141388%
AL188	Rainsville City, Alabama	0.2336182932%
AL189	Randolph County, Alabama	0.3557811211%
AL190	Red Bay City, Alabama	0.0779028128%
AL191	Robertsdale City, Alabama	0.1063320852%
AL192	Rockford Town, Alabama	0.0073077147%

AL193	Russell County, Alabama	0.2115303795%
AL194	Russellville City, Alabama	0.3934484686%
AL195	Saraland City, Alabama	0.3084999108%
AL196	Satsuma City, Alabama	0.0777247957%
AL197	Scottsboro City, Alabama	0.8238374013%
AL198	Selma City, Alabama	0.3277085100%
AL199	Sheffield City, Alabama	0.1998144101%
AL200	Shelby County, Alabama	2.0952362298%
AL201	Sipsey Town, Alabama	0.0466668907%
AL202	Slocomb City, Alabama	0.0549263030%
AL203	Spanish Fort City, Alabama	0.0364976554%
AL204	Springville City, Alabama	0.0717767051%
AL205	St Clair County, Alabama	1.2885695986%
AL206	Sumiton City, Alabama	0.2887687049%
AL207	Sumter County, Alabama	0.1466740785%
AL208	Sweet Water Town, Alabama	0.0003724954%
AL209	Sylacauga City, Alabama	0.2865998126%
AL210	Talladega City, Alabama	0.2833254271%
AL211	Talladega County, Alabama	0.7605670279%
AL212	Tallapoosa County, Alabama	0.2417311217%
AL213	Tarrant City, Alabama	0.1142189236%
AL214	Thomasville City, Alabama	0.1099082609%
AL215	Troy City, Alabama	0.4075231055%
AL216	Trussville City, Alabama	0.3035362052%
AL217	Tuscaloosa City, Alabama	2.4225445737%
AL218	Tuscaloosa County, Alabama	1.2570515614%
AL219	Tuscumbia City, Alabama	0.1046901892%
AL220	Tuskegee City, Alabama	0.1139634601%
AL221	Union Springs City, Alabama	0.0525288339%
AL222	Uniontown, Alabama	0.0225281356%
AL223	Vance Town, Alabama	0.0119552851%
AL224	Vernon City, Alabama	0.0393683473%
AL225	Vestavia Hills City, Alabama	0.3828440282%
AL226	Walker County, Alabama	1.8171292663%
AL227	Washington County, Alabama	0.2003164794%
AL228	Weaver City, Alabama	0.0524883078%
AL229	West Blocton Town, Alabama	0.0502179042%
AL230	Wilcox County, Alabama	0.1091455545%
AL231	Winfield City, Alabama	0.2361910358%
AL232	Winston County, Alabama	0.2200911901%
AL233	Woodville Town, Alabama	0.0005726961%
AL234	Yellow Bluff Town, Alabama	0.0036386502%

AK1	Anchorage Municipality, Alaska	47.6578000000%
AK2	Fairbanks City, Alaska	5.1226000000%
AK3	Fairbanks North Star Borough, Alaska	10.9627000000%
AK4	Juneau City and Borough, Alaska	5.2324000000%
AK5	Kenai Peninsula Borough, Alaska	9.4922000000%
AK6	Ketchikan Gateway Borough, Alaska	2.2406000000%
AK7	Kodiak Island Borough, Alaska	2.1839000000%
AK8	Matanuska-Susitna Borough, Alaska	15.4726000000%
AK9	Wasilla City, Alaska	1.6351000000%

AZ1	Apache County, Arizona	0.3907470000%
AZ2	Apache Junction City, Arizona	0.2201340000%
AZ3	Avondale City, Arizona	0.5677140000%
AZ4	Benson City, Arizona	0.0652960000%
AZ5	Bisbee City, Arizona	0.0643685000%
AZ6	Buckeye City, Arizona	0.2664780000%
AZ7	Bullhead City, Arizona	0.6416380000%
AZ8	Camp Verde Town, Arizona	0.0416227000%
AZ9	Carefree Town, Arizona	0.0231720000%
AZ10	Casa Grande City, Arizona	0.2125144000%
AZ11	Cave Creek Town, Arizona	0.0347580000%
AZ12	Chandler City, Arizona	1.6567980000%
AZ13	Chino Valley Town, Arizona	0.0291788000%
AZ14	Clarkdale Town, Arizona	0.0308952000%
AZ15	Clifton Town, Arizona	0.0102870000%
AZ16	Cochise County, Arizona	1.1773685000%
AZ17	Coconino County, Arizona	1.2011808000%
AZ18	Colorado City Town, Arizona	0.0298778000%
AZ19	Coolidge City, Arizona	0.0644448000%
AZ20	Cottonwood City, Arizona	0.2098299000%
AZ21	Dewey-Humboldt Town, Arizona	0.0660814000%
AZ22	Douglas City, Arizona	0.1565620000%
AZ23	Duncan Town, Arizona	0.0002520000%
AZ24	Eagar Town, Arizona	0.1425540000%
AZ25	El Mirage City, Arizona	0.2259270000%
AZ26	Eloy City, Arizona	1.3418328000%
AZ27	Flagstaff City, Arizona	0.3114360000%
AZ28	Florence Town, Arizona	0.0456484000%
AZ29	Fountain Hills Town, Arizona	0.0984810000%
AZ30	Fredonia Town, Arizona	0.0052328000%
AZ31	Gila Bend Town, Arizona	0.0173790000%
AZ32	Gila County, Arizona	0.7780446000%
AZ33	Gilbert Town, Arizona	0.9906030000%
AZ34	Glendale City, Arizona	1.5235590000%
AZ35	Globe City, Arizona	0.1168266000%
AZ36	Goodyear City, Arizona	0.4402680000%
AZ37	Graham County, Arizona	0.4476494000%
AZ38	Greenlee County, Arizona	0.0794610000%
AZ39	Guadalupe Town, Arizona	0.0000000000%
AZ40	Hayden Town, Arizona	0.0263802000%
AZ41	Holbrook City, Arizona	0.0575625000%
AZ42	Huachuca City Town, Arizona	0.0168805000%
AZ43	Jerome Town, Arizona	0.0012873000%
AZ44	Kearny Town, Arizona	0.0107408000%
AZ45	Kingman City, Arizona	0.4853918000%
AZ46	La Paz County, Arizona	0.2670171000%
AZ47	Lake Havasu City, Arizona	0.6793526000%
AZ48	Litchfield Park City, Arizona	0.0231720000%
AZ49	Mammoth Town, Arizona	0.0061376000%

AZ50	Marana Town, Arizona	0.3841282000%
AZ51	Maricopa City, Arizona	0.1047228000%
AZ52	Maricopa County, Arizona	29.8513290000%
AZ53	Mesa City, Arizona	3.5105580000%
AZ54	Miami Town, Arizona	0.0309482000%
AZ55	Mohave County, Arizona	3.0617398000%
AZ56	Navajo County, Arizona	1.0789515000%
AZ57	Nogales City, Arizona	0.0834350000%
AZ58	Oro Valley Town, Arizona	0.3207284000%
AZ59	Page City, Arizona	0.0575608000%
AZ60	Paradise Valley Town, Arizona	0.1969620000%
AZ61	Parker Town, Arizona	0.0156219000%
AZ62	Patagonia Town, Arizona	0.0024790000%
AZ63	Payson Town, Arizona	0.1846614000%
AZ64	Peoria City, Arizona	0.8747430000%
AZ65	Phoenix City, Arizona	12.3275040000%
AZ66	Pima County, Arizona	13.4612693000%
AZ67	Pima Town, Arizona	0.0159618000%
AZ68	Pinal County, Arizona	2.0334636000%
AZ69	Pinetop-Lakeside Town, Arizona	0.0729125000%
AZ70	Prescott City, Arizona	0.5917289000%
AZ71	Prescott Valley Town, Arizona	0.3471419000%
AZ72	Quartzsite Town, Arizona	0.0183911000%
AZ73	Queen Creek Town, Arizona	0.0637230000%
AZ74	Safford City, Arizona	0.1929077000%
AZ75	Sahuarita Town, Arizona	0.1510407000%
AZ76	San Luis City, Arizona	0.0963840000%
AZ77	Santa Cruz County, Arizona	0.2840860000%
AZ78	Scottsdale City, Arizona	2.3114070000%
AZ79	Sedona City, Arizona	0.0690392000%
AZ80	Show Low City, Arizona	0.1441365000%
AZ81	Sierra Vista City, Arizona	0.3084865000%
AZ82	Snowflake Town, Arizona	0.0451290000%
AZ83	Somerton City, Arizona	0.0449792000%
AZ84	South Tucson City, Arizona	0.0578057000%
AZ85	Springerville Town, Arizona	0.0740370000%
AZ86	St. Johns City, Arizona	0.0826620000%
AZ87	Star Valley Town, Arizona	0.0039970000%
AZ88	Superior Town, Arizona	0.0168784000%
AZ89	Surprise City, Arizona	0.5677140000%
AZ90	Taylor Town, Arizona	0.0411380000%
AZ91	Tempe City, Arizona	1.8943110000%
AZ92	Thatcher Town, Arizona	0.0624092000%
AZ93	Tolleson City, Arizona	0.1564110000%
AZ94	Tombstone City, Arizona	0.0215180000%
AZ95	Tucson City, Arizona	4.2720277000%
AZ96	Tusayan Town, Arizona	0.0113096000%
AZ97	Wellton Town, Arizona	0.0122488000%
AZ98	Wickenburg Town, Arizona	0.0579300000%

AZ99	Willcox City, Arizona	0.0443345000%
AZ100	Williams City, Arizona	0.0324096000%
AZ101	Winkelman Town, Arizona	0.0011420000%
AZ102	Winslow City, Arizona	0.0950165000%
AZ103	Yavapai County, Arizona	2.9740921000%
AZ104	Youngtown, Arizona	0.0289650000%
AZ105	Yuma City, Arizona	0.5285056000%
AZ106	Yuma County, Arizona	1.3258824000%

AR1	Adona City, Arkansas	0.0020790506%
AR2	Alexander City, Arkansas	0.0103476018%
AR3	Alicia Town, Arkansas	0.0002309579%
AR4	Allport Town, Arkansas	0.0026587350%
AR5	Alma City, Arkansas	0.1875236673%
AR6	Almyra Town, Arkansas	0.0010881066%
AR7	Alpena Town, Arkansas	0.0141319347%
AR8	Altheimer City, Arkansas	0.0071081808%
AR9	Altus City, Arkansas	0.0161149675%
AR10	Amagon Town, Arkansas	0.0016587759%
AR11	Amity City, Arkansas	0.0105947297%
AR12	Antoine Town, Arkansas	0.0010576270%
AR13	Arkadelphia City, Arkansas	0.2710593166%
AR14	Arkansas City, Arkansas	0.0026365550%
AR15	Arkansas County, Arkansas	0.2296669059%
AR16	Ash Flat City, Arkansas	0.0560964456%
AR17	Ashdown City, Arkansas	0.0210645360%
AR18	Ashley County, Arkansas	0.3024558569%
AR19	Atkins City, Arkansas	0.0507540769%
AR20	Aubrey Town, Arkansas	0.0021166850%
AR21	Augusta City, Arkansas	0.0134645321%
AR22	Austin City, Arkansas	0.0201747613%
AR23	Avoca Town, Arkansas	0.0030227727%
AR24	Bald Knob City, Arkansas	0.1048227005%
AR25	Banks Town, Arkansas	0.0006822846%
AR26	Barling City, Arkansas	0.1588678563%
AR27	Bassett Town, Arkansas	0.0011499243%
AR28	Batesville City, Arkansas	0.1318965785%
AR29	Bauxite Town, Arkansas	0.0049816222%
AR30	Baxter County, Arkansas	0.8761971230%
AR31	Bay City, Arkansas	0.0250493472%
AR32	Bearden City, Arkansas	0.0161101022%
AR33	Beaver Town, Arkansas	0.0051365958%
AR34	Beebe City, Arkansas	0.2412092213%
AR35	Beedeville Town, Arkansas	0.0018030172%
AR36	Bella Vista City, Arkansas	0.5136648745%
AR37	Bellefonte Town, Arkansas	0.0008435545%
AR38	Belleville City, Arkansas	0.0050880860%
AR39	Ben Lomond Town, Arkansas	0.0012499489%
AR40	Benton City, Arkansas	1.3762616667%
AR41	Benton County, Arkansas	2.1391978253%
AR42	Bentonville City, Arkansas	1.3212148347%
AR43	Bergman Town, Arkansas	0.0080191338%
AR44	Berryville City, Arkansas	0.1767673815%
AR45	Bethel Heights City, Arkansas	0.0550911920%
AR46	Big Flat Town, Arkansas	0.0005552148%
AR47	Bigelow Town, Arkansas	0.0028351731%
AR48	Biggers Town, Arkansas	0.0002571446%
AR49	Birdsong Town, Arkansas	0.0001210597%

AR50	Black Oak Town, Arkansas	0.0003079439%
AR51	Black Rock City, Arkansas	0.0020552966%
AR52	Black Springs Town, Arkansas	0.0007714338%
AR53	Blevins City, Arkansas	0.0042289340%
AR54	Blue Eye Town, Arkansas	0.0007084713%
AR55	Blue Mountain Town, Arkansas	0.0023457827%
AR56	Bluff City Town, Arkansas	0.0001956131%
AR57	Blytheville City, Arkansas	0.3444881956%
AR58	Bodcaw Town, Arkansas	0.0004892473%
AR59	Bonanza City, Arkansas	0.0271534397%
AR60	Bono City, Arkansas	0.0166311169%
AR61	Boone County, Arkansas	0.6844345049%
AR62	Booneville City, Arkansas	0.2395670446%
AR63	Bradford City, Arkansas	0.0196136795%
AR64	Bradley City, Arkansas	0.0127167093%
AR65	Bradley County, Arkansas	0.0903557767%
AR66	Branch City, Arkansas	0.0001595527%
AR67	Briarcliff City, Arkansas	0.0001841653%
AR68	Brinkley City, Arkansas	0.0788794288%
AR69	Brookland City, Arkansas	0.0336729211%
AR70	Bryant City, Arkansas	1.0536173112%
AR71	Buckner City, Arkansas	0.0065180504%
AR72	Bull Shoals City, Arkansas	0.0692543217%
AR73	Burdette Town, Arkansas	0.0001210597%
AR74	Cabot City, Arkansas	0.9626014299%
AR75	Caddo Valley Town, Arkansas	0.0447599031%
AR76	Caldwell Town, Arkansas	0.0042239256%
AR77	Cale Town, Arkansas	0.0007827384%
AR78	Calhoun County, Arkansas	0.1397959405%
AR79	Calico Rock City, Arkansas	0.0024459503%
AR80	Calion City, Arkansas	0.0029361993%
AR81	Camden City, Arkansas	0.4098542963%
AR82	Cammack Village City, Arkansas	0.0112054660%
AR83	Campbell Station City, Arkansas	0.0043090681%
AR84	Caraway City, Arkansas	0.0225855098%
AR85	Carlisle City, Arkansas	0.1468534652%
AR86	Carroll County, Arkansas	0.5928260605%
AR87	Carthage City, Arkansas	0.0016610654%
AR88	Casa Town, Arkansas	0.0015121018%
AR89	Cash Town, Arkansas	0.0012319187%
AR90	Caulksville Town, Arkansas	0.0006928738%
AR91	Cave City, Arkansas	0.0850463202%
AR92	Cave Springs City, Arkansas	0.0320796835%
AR93	Cedarville City, Arkansas	0.0178802072%
AR94	Centerton City, Arkansas	0.1131077079%
AR95	Central City Town, Arkansas	0.0174268772%
AR96	Charleston City, Arkansas	0.0410054775%
AR97	Cherokee Village City, Arkansas	0.2125413902%
AR98	Cherry Valley City, Arkansas	0.0081466329%

AR99	Chester Town, Arkansas	0.0004361585%
AR100	Chicot County, Arkansas	0.2832352637%
AR101	Chidester City, Arkansas	0.0007419559%
AR102	Clarendon City, Arkansas	0.0270484068%
AR103	Clark County, Arkansas	0.3342708117%
AR104	Clarksville City, Arkansas	0.2458837581%
AR105	Clay County, Arkansas	0.0488217003%
AR106	Cleburne County, Arkansas	0.3503158049%
AR107	Cleveland County, Arkansas	0.1143679597%
AR108	Clinton City, Arkansas	0.0824034689%
AR109	Coal Hill City, Arkansas	0.1328713526%
AR110	Colt City, Arkansas	0.0085205444%
AR111	Columbia County, Arkansas	0.0678054686%
AR112	Concord Town, Arkansas	0.0150785188%
AR113	Conway City, Arkansas	2.0922743015%
AR114	Conway County, Arkansas	0.5138971203%
AR115	Corning City, Arkansas	0.0191809554%
AR116	Cotter City, Arkansas	0.0233925747%
AR117	Cotton Plant City, Arkansas	0.0024986099%
AR118	Cove Town, Arkansas	0.0001777260%
AR119	Coy Town, Arkansas	0.0078196572%
AR120	Craighead County, Arkansas	0.9265189050%
AR121	Crawford County, Arkansas	0.9565887967%
AR122	Crawfordsville Town, Arkansas	0.0037229444%
AR123	Crittenden County, Arkansas	0.4875667723%
AR124	Cross County, Arkansas	0.3114968436%
AR125	Crossett City, Arkansas	0.2482926464%
AR126	Cushman City, Arkansas	0.0031235127%
AR127	Daisy Town, Arkansas	0.0019036142%
AR128	Dallas County, Arkansas	0.1170103816%
AR129	Damascus Town, Arkansas	0.0328833141%
AR130	Danville City, Arkansas	0.0554598088%
AR131	Dardanelle City, Arkansas	0.1270318663%
AR132	Datto Town, Arkansas	0.0002041989%
AR133	De Queen City, Arkansas	0.1825177187%
AR134	Decatur City, Arkansas	0.0461206088%
AR135	Delaplaine Town, Arkansas	0.0012409338%
AR136	Delight City, Arkansas	0.0019036142%
AR137	Dell Town, Arkansas	0.0049627334%
AR138	Denning Town, Arkansas	0.0066893371%
AR139	Dermott City, Arkansas	0.0098811069%
AR140	Des Arc City, Arkansas	0.0461902968%
AR141	Desha County, Arkansas	0.1880442527%
AR142	Dewitt City, Arkansas	0.0561472449%
AR143	Diamond City, Arkansas	0.0067481498%
AR144	Diaz City, Arkansas	0.0144799456%
AR145	Dierks City, Arkansas	0.0109843817%
AR146	Donaldson Town, Arkansas	0.0097288521%
AR147	Dover City, Arkansas	0.0357561215%

AR148	Drew County, Arkansas	0.4312385101%
AR149	Dumas City, Arkansas	0.0345209116%
AR150	Dyer City, Arkansas	0.0039248537%
AR151	Dyess Town, Arkansas	0.0004842389%
AR152	Earle City, Arkansas	0.0169920066%
AR153	East Camden Town, Arkansas	0.0077825952%
AR154	Edmondson Town, Arkansas	0.0080664988%
AR155	Egypt Town, Arkansas	0.0007186312%
AR156	El Dorado City, Arkansas	0.7549722601%
AR157	Elaine City, Arkansas	0.0061272536%
AR158	Elkins City, Arkansas	0.0584820092%
AR159	Elm Springs City, Arkansas	0.0169270407%
AR160	Emerson Town, Arkansas	0.0007712907%
AR161	Emmet City, Arkansas	0.0006732695%
AR162	England City, Arkansas	0.1277733929%
AR163	Enola Town, Arkansas	0.0166283981%
AR164	Etowah Town, Arkansas	0.0016945500%
AR165	Eudora City, Arkansas	0.0090127967%
AR166	Eureka Springs City, Arkansas	0.3891361972%
AR167	Evening Shade City, Arkansas	0.0112877465%
AR168	Everton Town, Arkansas	0.0023825585%
AR169	Fairfield Bay City, Arkansas	0.0994183710%
AR170	Fargo Town, Arkansas	0.0003540210%
AR171	Farmington City, Arkansas	0.0908450240%
AR172	Faulkner County, Arkansas	1.0072116540%
AR173	Fayetteville City, Arkansas	2.1103658624%
AR174	Felsenthal Town, Arkansas	0.0017181610%
AR175	Fifty-Six City, Arkansas	0.0004614866%
AR176	Fisher City, Arkansas	0.0019605666%
AR177	Flippin City, Arkansas	0.0956901320%
AR178	Fordyce City, Arkansas	0.0545063561%
AR179	Foreman City, Arkansas	0.0020583016%
AR180	Forrest City, Arkansas	0.2961090931%
AR181	Fort Smith City, Arkansas	3.8434930088%
AR182	Fouke City, Arkansas	0.0054372418%
AR183	Fountain Hill Town, Arkansas	0.0007150537%
AR184	Fountain Lake Town, Arkansas	0.0028270166%
AR185	Fourche Town, Arkansas	0.0009659021%
AR186	Franklin County, Arkansas	0.5981687154%
AR187	Franklin Town, Arkansas	0.0147063245%
AR188	Fredonia (Biscoe) Town, Arkansas	0.0078030580%
AR189	Friendship Town, Arkansas	0.0051302995%
AR190	Fulton County, Arkansas	0.4958178657%
AR191	Fulton Town, Arkansas	0.0066352466%
AR192	Garfield Town, Arkansas	0.0074476060%
AR193	Garland County, Arkansas	1.7344021372%
AR194	Garland Town, Arkansas	0.0002891982%
AR195	Garner Town, Arkansas	0.0077934705%
AR196	Gassville City, Arkansas	0.0727563250%

AR197	Gateway Town, Arkansas	0.0062878080%
AR198	Gentry City, Arkansas	0.0904861377%
AR199	Georgetown, Arkansas	0.0040265954%
AR200	Gilbert Town, Arkansas	0.0024831554%
AR201	Gillett City, Arkansas	0.0114616089%
AR202	Gillham Town, Arkansas	0.0013801668%
AR203	Gilmore City, Arkansas	0.0000954454%
AR204	Glenwood City, Arkansas	0.0480021861%
AR205	Goshen Town, Arkansas	0.0031660124%
AR206	Gosnell City, Arkansas	0.0272347186%
AR207	Gould City, Arkansas	0.0171248002%
AR208	Grady City, Arkansas	0.0313103962%
AR209	Grannis City, Arkansas	0.0009242610%
AR210	Grant County, Arkansas	0.2664481715%
AR211	Gravette City, Arkansas	0.0803454535%
AR212	Green Forest City, Arkansas	0.1176088116%
AR213	Greenbrier City, Arkansas	0.0720066419%
AR214	Greene County, Arkansas	0.5298528213%
AR215	Greenland City, Arkansas	0.0237445924%
AR216	Greenway City, Arkansas	0.0004757962%
AR217	Greenwood City, Arkansas	0.2310067194%
AR218	Greers Ferry City, Arkansas	0.0499860774%
AR219	Griffithville Town, Arkansas	0.0045461792%
AR220	Grubbs City, Arkansas	0.0056885194%
AR221	Guion Town, Arkansas	0.0188333737%
AR222	Gum Springs Town, Arkansas	0.0030512489%
AR223	Gurdon City, Arkansas	0.0633258293%
AR224	Guy City, Arkansas	0.0155481618%
AR225	Hackett City, Arkansas	0.0171567108%
AR226	Hamburg City, Arkansas	0.0524650830%
AR227	Hampton City, Arkansas	0.0149258347%
AR228	Hardy City, Arkansas	0.0225704847%
AR229	Harrell Town, Arkansas	0.0015608978%
AR230	Harrisburg City, Arkansas	0.0610374284%
AR231	Harrison City, Arkansas	0.7509041666%
AR232	Hartford City, Arkansas	0.0079703379%
AR233	Hartman City, Arkansas	0.0041808536%
AR234	Haskell City, Arkansas	0.0719017520%
AR235	Hatfield Town, Arkansas	0.0003119506%
AR236	Havana City, Arkansas	0.0028832535%
AR237	Haynes Town, Arkansas	0.0021807923%
AR238	Hazen City, Arkansas	0.0648458015%
AR239	Heber Springs City, Arkansas	0.3767547633%
AR240	Hector Town, Arkansas	0.0046732490%
AR241	Helena-West Helena City, Arkansas	0.1739214762%
AR242	Hempstead County, Arkansas	0.2734659153%
AR243	Hermitage City, Arkansas	0.0121839606%
AR244	Hickory Ridge City, Arkansas	0.0037770349%
AR245	Higden Town, Arkansas	0.0085654767%

AR246	Higginson Town, Arkansas	0.0151972889%
AR247	Highfill Town, Arkansas	0.0156011076%
AR248	Highland City, Arkansas	0.0298718460%
AR249	Hindsville Town, Arkansas	0.0033816590%
AR250	Holland City, Arkansas	0.0148864831%
AR251	Holly Grove City, Arkansas	0.0044608936%
AR252	Hope City, Arkansas	0.2248866206%
AR253	Horatio City, Arkansas	0.0029417800%
AR254	Horseshoe Bend City, Arkansas	0.1112109623%
AR255	Horseshoe Lake Town, Arkansas	0.0014319677%
AR256	Hot Spring County, Arkansas	0.4782149797%
AR257	Hot Springs City, Arkansas	3.5617977507%
AR258	Houston Town, Arkansas	0.0052922849%
AR259	Howard County, Arkansas	0.1730249760%
AR260	Hoxie City, Arkansas	0.0120318489%
AR261	Hughes City, Arkansas	0.0113608689%
AR262	Humnoke City, Arkansas	0.0148176536%
AR263	Humphrey City, Arkansas	0.0142685920%
AR264	Hunter Town, Arkansas	0.0001735762%
AR265	Huntington City, Arkansas	0.0062142563%
AR266	Huntsville City, Arkansas	0.0854508543%
AR267	Huttig City, Arkansas	0.0090756161%
AR268	Imboden Town, Arkansas	0.0007621325%
AR269	Independence County, Arkansas	1.0893020276%
AR270	Izard County, Arkansas	0.5513048629%
AR271	Jackson County, Arkansas	0.1817241049%
AR272	Jacksonport Town, Arkansas	0.0050680525%
AR273	Jacksonville City, Arkansas	2.6389305280%
AR274	Jasper City, Arkansas	0.0070526594%
AR275	Jefferson County, Arkansas	0.5992841535%
AR276	Jennette Town, Arkansas	0.0012409338%
AR277	Jericho Town, Arkansas	0.0009641849%
AR278	Jerome Town, Arkansas	0.0001957562%
AR279	Johnson City, Arkansas	0.1307711237%
AR280	Johnson County, Arkansas	0.3131687844%
AR281	Joiner City, Arkansas	0.0294738943%
AR282	Jonesboro City, Arkansas	2.1740597362%
AR283	Judsonia City, Arkansas	0.0470208295%
AR284	Junction City, Arkansas	0.0041819983%
AR285	Keiser City, Arkansas	0.0065363668%
AR286	Kensett City, Arkansas	0.0362397881%
AR287	Kibler City, Arkansas	0.0431741065%
AR288	Kingsland City, Arkansas	0.0062036672%
AR289	Knobel City, Arkansas	0.0009218283%
AR290	Knoxville Town, Arkansas	0.0058832739%
AR291	Lafayette County, Arkansas	0.0910619584%
AR292	Lafe Town, Arkansas	0.0028363178%
AR293	Lake City, Arkansas	0.0259733220%
AR294	Lake View City, Arkansas	0.0047133160%

AR295	Lake Village City, Arkansas	0.0224886334%
AR296	Lakeview City, Arkansas	0.0193402219%
AR297	Lamar City, Arkansas	0.1021685446%
AR298	Lavaca City, Arkansas	0.0302604964%
AR299	Lawrence County, Arkansas	0.4807663922%
AR300	Leachville City, Arkansas	0.0232401768%
AR301	Lead Hill Town, Arkansas	0.0069168607%
AR302	Lee County, Arkansas	0.0997278889%
AR303	Leola Town, Arkansas	0.0013687190%
AR304	Lepanto City, Arkansas	0.0682260295%
AR305	Leslie City, Arkansas	0.0254444370%
AR306	Lewisville City, Arkansas	0.0166148039%
AR307	Lincoln City, Arkansas	0.0464338472%
AR308	Lincoln County, Arkansas	0.1387881111%
AR309	Little Flock City, Arkansas	0.0530723850%
AR310	Little River County, Arkansas	0.3040825791%
AR311	Little Rock City, Arkansas	6.7135694892%
AR312	Lockesburg City, Arkansas	0.0062672021%
AR313	Logan County, Arkansas	0.5058103018%
AR314	London City, Arkansas	0.0142372538%
AR315	Lonoke City, Arkansas	0.2452247983%
AR316	Lonoke County, Arkansas	0.5956462085%
AR317	Louann Town, Arkansas	0.0002119261%
AR318	Luxora City, Arkansas	0.0119226662%
AR319	Lynn Town, Arkansas	0.0001385175%
AR320	Madison City, Arkansas	0.0058260353%
AR321	Madison County, Arkansas	0.3238546666%
AR322	Magazine City, Arkansas	0.0318730520%
AR323	Magness Town, Arkansas	0.0014179443%
AR324	Magnolia City, Arkansas	0.5824169272%
AR325	Malvern City, Arkansas	0.3835695961%
AR326	Mammoth Spring City, Arkansas	0.0072408314%
AR327	Manila City, Arkansas	0.0409124647%
AR328	Mansfield City, Arkansas	0.0007997669%
AR329	Marianna City, Arkansas	0.0846648246%
AR330	Marie Town, Arkansas	0.0009849339%
AR331	Marion City, Arkansas	0.1126915829%
AR332	Marion County, Arkansas	0.3952336867%
AR333	Marked Tree City, Arkansas	0.0992021520%
AR334	Marmaduke City, Arkansas	0.0391761304%
AR335	Marvell City, Arkansas	0.0610375715%
AR336	Maumelle City, Arkansas	0.2572012688%
AR337	Mayflower City, Arkansas	0.0608694329%
AR338	Maynard Town, Arkansas	0.0013140561%
AR339	McCaskill Town, Arkansas	0.0012894435%
AR340	McCrory City, Arkansas	0.0147483949%
AR341	McDougal Town, Arkansas	0.0001189133%
AR342	McGehee City, Arkansas	0.0429993856%
AR343	McNab Town, Arkansas	0.0009151028%

AR344	Melbourne City, Arkansas	0.0687295865%
AR345	Mena City, Arkansas	0.7716866592%
AR346	Menifee Town, Arkansas	0.0106144770%
AR347	Midland Town, Arkansas	0.0002701664%
AR348	Miller County, Arkansas	0.3769094507%
AR349	Mineral Springs City, Arkansas	0.0133569235%
AR350	Minturn Town, Arkansas	0.0002323889%
AR351	Mississippi County, Arkansas	0.4561503415%
AR352	Mitchellville City, Arkansas	0.0000190318%
AR353	Monette City, Arkansas	0.0230987974%
AR354	Monroe County, Arkansas	0.0751267203%
AR355	Montgomery County, Arkansas	0.2264091685%
AR356	Monticello City, Arkansas	0.0526747196%
AR357	Montrose City, Arkansas	0.0059883068%
AR358	Moorefield Town, Arkansas	0.0009616092%
AR359	Moro Town, Arkansas	0.0019858947%
AR360	Morrilton City, Arkansas	0.2597150469%
AR361	Morrison Bluff Town, Arkansas	0.0001732900%
AR362	Mount Ida City, Arkansas	0.0133550632%
AR363	Mount Pleasant Town, Arkansas	0.0122294653%
AR364	Mount Vernon Town, Arkansas	0.0071675659%
AR365	Mountain Home City, Arkansas	0.8447100025%
AR366	Mountain Pine City, Arkansas	0.0111311989%
AR367	Mountainburg City, Arkansas	0.0505877986%
AR368	Mulberry City, Arkansas	0.0839496278%
AR369	Murfreesboro City, Arkansas	0.0401878235%
AR370	Nashville City, Arkansas	0.1174004630%
AR371	Nevada County, Arkansas	0.1042972498%
AR372	Newark City, Arkansas	0.0743959259%
AR373	Newport City, Arkansas	0.2957024125%
AR374	Newton County, Arkansas	0.2538955941%
AR375	Norman Town, Arkansas	0.0054255078%
AR376	Norphlet City, Arkansas	0.0199309247%
AR377	North Little Rock City, Arkansas	1.6145764729%
AR378	Oak Grove Heights Town, Arkansas	0.0108133813%
AR379	Oak Grove Town, Arkansas	0.0031881924%
AR380	Oakhaven Town, Arkansas	0.0008458440%
AR381	Oden Town, Arkansas	0.0002086349%
AR382	Ogden City, Arkansas	0.0000829960%
AR383	Oil Trough Town, Arkansas	0.0018456600%
AR384	O'Kean Town, Arkansas	0.0001714297%
AR385	Okolona Town, Arkansas	0.0019046158%
AR386	Ola City, Arkansas	0.0262882776%
AR387	Omaha Town, Arkansas	0.0030405167%
AR388	Oppelo City, Arkansas	0.0090335457%
AR389	Osceola City, Arkansas	0.2492878833%
AR390	Ouachita County, Arkansas	0.2913601460%
AR391	Oxford City, Arkansas	0.0264156336%
AR392	Ozan Town, Arkansas	0.0011369025%

AR393	Ozark City, Arkansas	0.1131238778%
AR394	Palestine City, Arkansas	0.0190803585%
AR395	Pangburn City, Arkansas	0.0157168727%
AR396	Paragould City, Arkansas	1.0056390223%
AR397	Paris City, Arkansas	0.1616167421%
AR398	Parkdale City, Arkansas	0.0007150537%
AR399	Parkin City, Arkansas	0.0145157198%
AR400	Patmos Town, Arkansas	0.0012638292%
AR401	Patterson City, Arkansas	0.0019780244%
AR402	Pea Ridge City, Arkansas	0.1099874863%
AR403	Peach Orchard City, Arkansas	0.0002743162%
AR404	Perla Town, Arkansas	0.0015089537%
AR405	Perry County, Arkansas	0.2411764522%
AR406	Perry Town, Arkansas	0.0054813155%
AR407	Perrytown, Arkansas	0.0014218079%
AR408	Perryville City, Arkansas	0.0413931262%
AR409	Phillips County, Arkansas	0.3318178496%
AR410	Piggott City, Arkansas	0.3895380125%
AR411	Pike County, Arkansas	0.3481536152%
AR412	Pindall Town, Arkansas	0.0030350790%
AR413	Pine Bluff City, Arkansas	0.9840818047%
AR414	Pineville Town, Arkansas	0.0022012551%
AR415	Plainview City, Arkansas	0.0125505741%
AR416	Pleasant Plains Town, Arkansas	0.0024498139%
AR417	Plumerville City, Arkansas	0.0292462276%
AR418	Pocahontas City, Arkansas	0.4671181241%
AR419	Poinsett County, Arkansas	0.4009911787%
AR420	Polk County, Arkansas	0.0691418478%
AR421	Pollard City, Arkansas	0.0004521853%
AR422	Pope County, Arkansas	0.8568421621%
AR423	Portia Town, Arkansas	0.0009455824%
AR424	Portland City, Arkansas	0.0081334680%
AR425	Pottsville City, Arkansas	0.0356473681%
AR426	Powhatan Town, Arkansas	0.0001556891%
AR427	Poyen Town, Arkansas	0.0022812461%
AR428	Prairie County, Arkansas	0.1056546642%
AR429	Prairie Grove City, Arkansas	0.0877670159%
AR430	Prattsville Town, Arkansas	0.0011406231%
AR431	Prescott City, Arkansas	0.0925564594%
AR432	Pulaski County, Arkansas	2.3536109191%
AR433	Pyatt Town, Arkansas	0.0061435666%
AR434	Quitman City, Arkansas	0.0720876345%
AR435	Randolph County, Arkansas	0.0533049170%
AR436	Ratcliff City, Arkansas	0.0038192484%
AR437	Ravenden Springs Town, Arkansas	0.0001143342%
AR438	Ravenden Town, Arkansas	0.0021246984%
AR439	Rector City, Arkansas	0.0056501695%
AR440	Redfield City, Arkansas	0.0199888788%
AR441	Reed Town, Arkansas	0.0009294125%

AR442	Reyno City, Arkansas	0.0001714297%
AR443	Rison City, Arkansas	0.0266158258%
AR444	Rockport City, Arkansas	0.0466258829%
AR445	Roe Town, Arkansas	0.0006297682%
AR446	Rogers City, Arkansas	1.7409808606%
AR447	Rondo Town, Arkansas	0.0001282146%
AR448	Rose Bud Town, Arkansas	0.0201332633%
AR449	Rosston Town, Arkansas	0.0012719857%
AR450	Rudy Town, Arkansas	0.0043610122%
AR451	Russell Town, Arkansas	0.0072738867%
AR452	Russellville City, Arkansas	0.9171601007%
AR453	Salem City, Arkansas	0.0044962385%
AR454	Salesville City, Arkansas	0.0064404921%
AR455	Saline County, Arkansas	1.0800200662%
AR456	Scott County, Arkansas	0.3380405487%
AR457	Scranton City, Arkansas	0.0072753177%
AR458	Searcy City, Arkansas	0.9880873649%
AR459	Searcy County, Arkansas	0.2584806955%
AR460	Sebastian County, Arkansas	2.1934833834%
AR461	Sedgwick Town, Arkansas	0.0005311746%
AR462	Sevier County, Arkansas	0.2613059949%
AR463	Shannon Hills City, Arkansas	0.0498163648%
AR464	Sharp County, Arkansas	0.2811885530%
AR465	Sheridan City, Arkansas	0.2276671308%
AR466	Sherrill Town, Arkansas	0.0025761682%
AR467	Sherwood City, Arkansas	0.4241829888%
AR468	Shirley Town, Arkansas	0.0009145304%
AR469	Sidney Town, Arkansas	0.0035774152%
AR470	Siloam Springs City, Arkansas	0.7477783644%
AR471	Smackover City, Arkansas	0.0008007686%
AR472	Smithville Town, Arkansas	0.0001624146%
AR473	South Lead Hill Town, Arkansas	0.0018313504%
AR474	Sparkman City, Arkansas	0.0035065824%
AR475	Springdale City, Arkansas	2.0136786333%
AR476	Springtown, Arkansas	0.0002924895%
AR477	St Francis County, Arkansas	0.2044215163%
AR478	Stamps City, Arkansas	0.0180207281%
AR479	Star City, Arkansas	0.0564865270%
AR480	Stephens City, Arkansas	0.0116586529%
AR481	Stone County, Arkansas	0.4282031449%
AR482	Strawberry Town, Arkansas	0.0006928738%
AR483	Strong City, Arkansas	0.0029361993%
AR484	Stuttgart City, Arkansas	0.2203815101%
AR485	Subiaco Town, Arkansas	0.0109146937%
AR486	Success Town, Arkansas	0.0001784415%
AR487	Sulphur Rock Town, Arkansas	0.0032654646%
AR488	Sulphur Springs City, Arkansas	0.0120908047%
AR489	Summit City, Arkansas	0.0074467474%
AR490	Sunset Town, Arkansas	0.0016041130%

AR491	Swifton City, Arkansas	0.0178930859%
AR492	Taylor City, Arkansas	0.0014103602%
AR493	Texarkana City, Arkansas	0.7683955804%
AR494	Thornton City, Arkansas	0.0022437548%
AR495	Tillar City, Arkansas	0.0003265465%
AR496	Tinsman Town, Arkansas	0.0003150987%
AR497	Tollette Town, Arkansas	0.0032731918%
AR498	Tontitown City, Arkansas	0.0610355681%
AR499	Traskwood City, Arkansas	0.0177678764%
AR500	Trumann City, Arkansas	0.2319945153%
AR501	Tuckerman City, Arkansas	0.0405439909%
AR502	Tull Town, Arkansas	0.0030797252%
AR503	Tupelo Town, Arkansas	0.0005171511%
AR504	Turrell City, Arkansas	0.0090687475%
AR505	Twin Groves Town, Arkansas	0.0156102657%
AR506	Tyronza City, Arkansas	0.0382955139%
AR507	Ulm Town, Arkansas	0.0000897216%
AR508	Union County, Arkansas	0.4520045466%
AR509	Valley Springs Town, Arkansas	0.0032716177%
AR510	Van Buren City, Arkansas	1.7649031789%
AR511	Van Buren County, Arkansas	0.3641848711%
AR512	Vandervoort Town, Arkansas	0.0000659675%
AR513	Victoria Town, Arkansas	0.0005446257%
AR514	Vilonia City, Arkansas	0.1035441323%
AR515	Viola Town, Arkansas	0.0032700437%
AR516	Wabbaseka Town, Arkansas	0.0082530968%
AR517	Waldenburg Town, Arkansas	0.0023526513%
AR518	Waldo City, Arkansas	0.0028426141%
AR519	Waldron City, Arkansas	0.1501465474%
AR520	Walnut Ridge City, Arkansas	0.0315460763%
AR521	Ward City, Arkansas	0.1482609634%
AR522	Warren City, Arkansas	0.1331456688%
AR523	Washington City, Arkansas	0.0014218079%
AR524	Washington County, Arkansas	2.0141562897%
AR525	Watson City, Arkansas	0.0000569524%
AR526	Weiner City, Arkansas	0.0115016760%
AR527	Weldon Town, Arkansas	0.0015514534%
AR528	West Fork City, Arkansas	0.0278779379%
AR529	West Memphis City, Arkansas	0.6402086383%
AR530	West Point Town, Arkansas	0.0031173596%
AR531	Western Grove Town, Arkansas	0.0057204300%
AR532	Wheatley City, Arkansas	0.0050976735%
AR533	Whelen Springs Town, Arkansas	0.0002381128%
AR534	White County, Arkansas	1.0383554857%
AR535	White Hall City, Arkansas	0.0551959387%
AR536	Wickes Town, Arkansas	0.0001422380%
AR537	Widener Town, Arkansas	0.0014565804%
AR538	Wiederkehr Village City, Arkansas	0.0015955272%
AR539	Williford Town, Arkansas	0.0025041906%

AR540	Willisville Town, Arkansas	0.0003913692%
AR541	Wilmar City, Arkansas	0.0018078825%
AR542	Wilmot City, Arkansas	0.0171605744%
AR543	Wilson City, Arkansas	0.0038733390%
AR544	Wilton City, Arkansas	0.0002323889%
AR545	Winchester Town, Arkansas	0.0011094280%
AR546	Winslow City, Arkansas	0.0059329284%
AR547	Winthrop City, Arkansas	0.0004315794%
AR548	Woodruff County, Arkansas	0.2136270641%
AR549	Wooster Town, Arkansas	0.0052930004%
AR550	Wrightsville City, Arkansas	0.0089014675%
AR551	Wynne City, Arkansas	0.1541190523%
AR552	Yell County, Arkansas	0.5032932325%
AR553	Yellville City, Arkansas	0.0268081476%
AR554	Zinc Town, Arkansas	0.0018492375%

CA1	Adelanto City, California	0.0080406152%
CA2	Agoura Hills City, California	0.0048296852%
CA3	Alameda City, California	0.0687957240%
CA4	Alameda County, California	2.3171117448%
CA5	Albany City, California	0.0130032024%
CA6	Alhambra City, California	0.0414237122%
CA7	Aliso Viejo City, California	0.0137360345%
CA8	Alpine County, California	0.0013376945%
CA9	Amador County, California	0.2469295604%
CA10	American Canyon City, California	0.0165139864%
CA11	Anaheim City, California	0.5505795138%
CA12	Anderson City, California	0.0239988875%
CA13	Antioch City, California	0.0364238871%
CA14	Apple Valley Town, California	0.0250202025%
CA15	Arcadia City, California	0.0323032132%
CA16	Arcata City, California	0.0540144110%
CA17	Arroyo Grande City, California	0.0240181250%
CA18	Artesia City, California	0.0006155675%
CA19	Arvin City, California	0.0056013412%
CA20	Atascadero City, California	0.0290403594%
CA21	Atwater City, California	0.0236302829%
CA22	Auburn City, California	0.0170270863%
CA23	Avenal City, California	0.0067977759%
CA24	Azusa City, California	0.0254411432%
CA25	Bakersfield City, California	0.2108141707%
CA26	Baldwin Park City, California	0.0263665087%
CA27	Banning City, California	0.0173571525%
CA28	Barstow City, California	0.0147274861%
CA29	Beaumont City, California	0.0206488546%
CA30	Bell City, California	0.0082990762%
CA31	Bell Gardens City, California	0.0137907495%
CA32	Bellflower City, California	0.0017478033%
CA33	Belmont City, California	0.0204943997%
CA34	Benicia City, California	0.0306361343%
CA35	Berkeley City, California	0.1507814268%
CA36	Beverly Hills City, California	0.0645398168%
CA37	Blythe City, California	0.0116685845%
CA38	Brawley City, California	0.0106164547%
CA39	Brea City, California	0.0855349777%
CA40	Brentwood City, California	0.0259827742%
CA41	Buena Park City, California	0.0861931119%
CA42	Burbank City, California	0.0993184318%
CA43	Burlingame City, California	0.0184045562%
CA44	Butte County, California	1.6698730593%
CA45	Calabasas City, California	0.0059064288%
CA46	Calaveras County, California	0.2333016555%
CA47	Calexico City, California	0.0184372901%
CA48	California City, California	0.0085450399%
CA49	Camarillo City, California	0.0015463094%

CA50	Campbell City, California	0.0135813100%
CA51	Canyon Lake City, California	0.0002129762%
CA52	Capitola City, California	0.0202934925%
CA53	Carlsbad City, California	0.1267504081%
CA54	Carpinteria City, California	0.0010786309%
CA55	Carson City, California	0.0192814236%
CA56	Cathedral City, California	0.0667982142%
CA57	Ceres City, California	0.0410557736%
CA58	Cerritos City, California	0.0047883080%
CA59	Chico City, California	0.2147613426%
CA60	Chino City, California	0.0634542870%
CA61	Chino Hills City, California	0.0007702603%
CA62	Chowchilla City, California	0.0117436155%
CA63	Chula Vista City, California	0.1875126219%
CA64	Citrus Heights City, California	0.0561432052%
CA65	Claremont City, California	0.0099641409%
CA66	Clayton City, California	0.0021793699%
CA67	Clearlake City, California	0.0407484815%
CA68	Clovis City, California	0.0646982524%
CA69	Coachella City, California	0.0208805131%
CA70	Coalinga City, California	0.0118909812%
CA71	Colton City, California	0.0305802457%
CA72	Colusa County, California	0.0645681893%
CA73	Commerce City, California	0.0003582485%
CA74	Compton City, California	0.0436639822%
CA75	Concord City, California	0.0551012888%
CA76	Contra Costa County, California	2.0883105647%
CA77	Corcoran City, California	0.0129144689%
CA78	Corona City, California	0.1456442433%
CA79	Coronado City, California	0.0433287141%
CA80	Costa Mesa City, California	0.1231657826%
CA81	Covina City, California	0.0276460785%
CA82	Cudahy City, California	0.0007265676%
CA83	Culver City, California	0.0542840529%
CA84	Cupertino City, California	0.0080632149%
CA85	Cypress City, California	0.0328115076%
CA86	Daly City, California	0.0439049185%
CA87	Dana Point City, California	0.0006708852%
CA88	Danville Town, California	0.0099247461%
CA89	Davis City, California	0.0545074645%
CA90	Del Norte County, California	0.1297217340%
CA91	Delano City, California	0.0300821172%
CA92	Desert Hot Springs City, California	0.0241834278%
CA93	Diamond Bar City, California	0.0008436260%
CA94	Dinuba City, California	0.0141078110%
CA95	Dixon City, California	0.0157875932%
CA96	Downey City, California	0.0518823181%
CA97	Duarte City, California	0.0032897513%
CA98	Dublin City, California	0.0323900911%

CA99	East Palo Alto City, California	0.0125461339%
CA100	Eastvale City, California	0.0003306689%
CA101	El Cajon City, California	0.1126451663%
CA102	El Centro City, California	0.1571606408%
CA103	El Cerrito City, California	0.0228070521%
CA104	El Dorado County, California	0.7628798074%
CA105	El Monte City, California	0.0304948586%
CA106	El Paso De Robles (Paso Robles) City, California	0.0426476788%
CA107	El Segundo City, California	0.0323395471%
CA108	Elk Grove City, California	0.1287424148%
CA109	Emeryville City, California	0.0224147059%
CA110	Encinitas City, California	0.0602545379%
CA111	Escondido City, California	0.1438494168%
CA112	Eureka City, California	0.1162748009%
CA113	Exeter City, California	0.0039189263%
CA114	Fairfield City, California	0.1082698694%
CA115	Farmersville City, California	0.0033636086%
CA116	Fillmore City, California	0.0024493289%
CA117	Folsom City, California	0.1074891735%
CA118	Fontana City, California	0.1110712457%
CA119	Fortuna City, California	0.0321969551%
CA120	Foster City, California	0.0200409630%
CA121	Fountain Valley City, California	0.0550184551%
CA122	Fremont City, California	0.1072139174%
CA123	Fresno City, California	0.3946266471%
CA124	Fresno County, California	1.8952186144%
CA125	Fullerton City, California	0.1362988736%
CA126	Galt City, California	0.0173391204%
CA127	Garden Grove City, California	0.2114521952%
CA128	Gardena City, California	0.0335535223%
CA129	Gilroy City, California	0.0244807126%
CA130	Glendale City, California	0.1648905859%
CA131	Glendora City, California	0.0162177007%
CA132	Glenn County, California	0.1138173202%
CA133	Goleta City, California	0.0034947026%
CA134	Grand Terrace City, California	0.0061605126%
CA135	Grass Valley City, California	0.0238666834%
CA136	Greenfield City, California	0.0060998821%
CA137	Grover Beach City, California	0.0166359295%
CA138	Half Moon Bay City, California	0.0038179493%
CA139	Hanford City, California	0.0272737786%
CA140	Hawaiian Gardens City, California	0.0048932656%
CA141	Hawthorne City, California	0.0492091493%
CA142	Hayward City, California	0.1165823151%
CA143	Healdsburg City, California	0.0322071527%
CA144	Hemet City, California	0.0508926268%
CA145	Hercules City, California	0.0094435395%
CA146	Hermosa Beach City, California	0.0175326053%

CA147	Hesperia City, California	0.0351740062%
CA148	Highland City, California	0.0035070571%
CA149	Hillsborough Town, California	0.0132756672%
CA150	Hollister City, California	0.0271914840%
CA151	Humboldt County, California	1.0332729841%
CA152	Huntington Beach City, California	0.2455375315%
CA153	Huntington Park City, California	0.0230051045%
CA154	Imperial Beach City, California	0.0142713058%
CA155	Imperial City, California	0.0058874134%
CA156	Imperial County, California	0.2596518766%
CA157	Indio City, California	0.0552361256%
CA158	Inglewood City, California	0.0590249412%
CA159	Inyo County, California	0.0764176347%
CA160	Irvine City, California	0.1378869091%
CA161	Jurupa Valley City, California	0.0010854029%
CA162	Kerman City, California	0.0051323940%
CA163	Kern County, California	2.5107708914%
CA164	King City, California	0.0045077390%
CA165	Kings County, California	0.2912053674%
CA166	Kingsburg City, California	0.0079843460%
CA167	La Cañada Flintridge City, California	0.0030849110%
CA168	La Habra City, California	0.0593706924%
CA169	La Mesa City, California	0.0550261628%
CA170	La Mirada City, California	0.0098420234%
CA171	La Palma City, California	0.0115153508%
CA172	La Puente City, California	0.0015681795%
CA173	La Quinta City, California	0.0623482352%
CA174	La Verne City, California	0.0234299467%
CA175	Lafayette City, California	0.0055538898%
CA176	Laguna Beach City, California	0.0471335159%
CA177	Laguna Hills City, California	0.0139313591%
CA178	Laguna Niguel City, California	0.0008534589%
CA179	Laguna Woods City, California	0.0007897674%
CA180	Lake County, California	0.7897576873%
CA181	Lake Elsinore City, California	0.0208674291%
CA182	Lake Forest City, California	0.0122159407%
CA183	Lakeport City, California	0.0213147440%
CA184	Lakewood City, California	0.0048236269%
CA185	Lancaster City, California	0.0446054926%
CA186	Larkspur City, California	0.0150450552%
CA187	Lassen County, California	0.3174452703%
CA188	Lathrop City, California	0.0090970905%
CA189	Lawndale City, California	0.0021393565%
CA190	Lemon Grove City, California	0.0221898034%
CA191	Lemoore City, California	0.0159151506%
CA192	Lincoln City, California	0.0308399279%
CA193	Lindsay City, California	0.0068901728%
CA194	Livermore City, California	0.0539032682%
CA195	Livingston City, California	0.0055356197%

CA196	Lodi City, California	0.0530271938%
CA197	Loma Linda City, California	0.0085901283%
CA198	Lomita City, California	0.0038538551%
CA199	Lompoc City, California	0.0469819633%
CA200	Long Beach City, California	0.4360787318%
CA201	Los Alamitos City, California	0.0083477805%
CA202	Los Altos City, California	0.0124694218%
CA203	Los Angeles City, California	2.6976769698%
CA204	Los Angeles County, California	13.8854516899%
CA205	Los Banos City, California	0.0199257760%
CA206	Los Gatos Town, California	0.0124551008%
CA207	Lynwood City, California	0.0162106433%
CA208	Madera City, California	0.0384219997%
CA209	Madera County, California	0.3470859723%
CA210	Malibu City, California	0.0023250386%
CA211	Manhattan Beach City, California	0.0314545280%
CA212	Manteca City, California	0.0535068303%
CA213	Marin County, California	0.6196428338%
CA214	Marina City, California	0.0173871744%
CA215	Mariposa County, California	0.0837565181%
CA216	Martinez City, California	0.0118968492%
CA217	Marysville City, California	0.0135235182%
CA218	Maywood City, California	0.0042867855%
CA219	McFarland City, California	0.0030938240%
CA220	Mendocino County, California	0.4618719225%
CA221	Mendota City, California	0.0023387253%
CA222	Menifee City, California	0.0314805057%
CA223	Menlo Park City, California	0.0152284694%
CA224	Merced City, California	0.0604217597%
CA225	Merced County, California	0.5513809379%
CA226	Mill Valley City, California	0.0203185028%
CA227	Millbrae City, California	0.0127698310%
CA228	Milpitas City, California	0.0359710690%
CA229	Mission Viejo City, California	0.0141839997%
CA230	Modesto City, California	0.2158290940%
CA231	Modoc County, California	0.0678735622%
CA232	Mono County, California	0.0276582585%
CA233	Monrovia City, California	0.0307027280%
CA234	Montclair City, California	0.0388647471%
CA235	Montebello City, California	0.0302455961%
CA236	Monterey City, California	0.0406069679%
CA237	Monterey County, California	0.9208810768%
CA238	Monterey Park City, California	0.0309701496%
CA239	Moorpark City, California	0.0081253680%
CA240	Moraga Town, California	0.0037405712%
CA241	Moreno Valley City, California	0.1363856087%
CA242	Morgan Hill City, California	0.0150367924%
CA243	Morro Bay City, California	0.0194172278%
CA244	Mountain View City, California	0.0403732952%

CA245	Murrieta City, California	0.0475523474%
CA246	Napa City, California	0.0775574195%
CA247	Napa County, California	0.2977848225%
CA248	National City, California	0.0792489536%
CA249	Nevada County, California	0.4437006266%
CA250	Newark City, California	0.0262578400%
CA251	Newman City, California	0.0056667930%
CA252	Newport Beach City, California	0.1773838603%
CA253	Norco City, California	0.0162343848%
CA254	Norwalk City, California	0.0311568467%
CA255	Novato City, California	0.0277308629%
CA256	Oakdale City, California	0.0175587733%
CA257	Oakland City, California	0.4833072774%
CA258	Oakley City, California	0.0095829439%
CA259	Oceanside City, California	0.2115669857%
CA260	Ontario City, California	0.1777223320%
CA261	Orange City, California	0.1485700209%
CA262	Orange County, California	4.3394270261%
CA263	Orange Cove City, California	0.0042957937%
CA264	Orinda City, California	0.0046035933%
CA265	Oroville City, California	0.0780172317%
CA266	Oxnard City, California	0.1546146012%
CA267	Pacific Grove City, California	0.0090298307%
CA268	Pacifica City, California	0.0157605054%
CA269	Palm Desert City, California	0.0823451090%
CA270	Palm Springs City, California	0.0759989460%
CA271	Palmdale City, California	0.0453461910%
CA272	Palo Alto City, California	0.0389822496%
CA273	Palos Verdes Estates City, California	0.0064069522%
CA274	Paramount City, California	0.0110388545%
CA275	Parlier City, California	0.0084167531%
CA276	Pasadena City, California	0.1448543331%
CA277	Patterson City, California	0.0152734467%
CA278	Perris City, California	0.0092642488%
CA279	Petaluma City, California	0.0805405765%
CA280	Pico Rivera City, California	0.0221211004%
CA281	Piedmont City, California	0.0137634554%
CA282	Pinole City, California	0.0133816874%
CA283	Pittsburg City, California	0.0526516110%
CA284	Placentia City, California	0.0285760590%
CA285	Placer County, California	1.0391221604%
CA286	Placerville City, California	0.0154006075%
CA287	Pleasant Hill City, California	0.0128265443%
CA288	Pleasanton City, California	0.0669112760%
CA289	Plumas County, California	0.2054195413%
CA290	Pomona City, California	0.1100333576%
CA291	Port Hueneme City, California	0.0210119084%
CA292	Porterville City, California	0.0207339086%
CA293	Poway City, California	0.0616612685%

CA294	Rancho Cordova City, California	0.0081653178%
CA295	Rancho Cucamonga City, California	0.0831861182%
CA296	Rancho Mirage City, California	0.0520153945%
CA297	Rancho Palos Verdes City, California	0.0015258031%
CA298	Rancho Santa Margarita City, California	0.0007600469%
CA299	Red Bluff City, California	0.0142101994%
CA300	Redding City, California	0.2817191660%
CA301	Redlands City, California	0.0566068871%
CA302	Redondo Beach City, California	0.0611723543%
CA303	Redwood City, California	0.0559270889%
CA304	Reedley City, California	0.0119210665%
CA305	Rialto City, California	0.0727822590%
CA306	Richmond City, California	0.1449646513%
CA307	Ridgecrest City, California	0.0145926969%
CA308	Ripon City, California	0.0125749663%
CA309	Riverbank City, California	0.0103408497%
CA310	Riverside City, California	0.2662064641%
CA311	Riverside County, California	4.5266831219%
CA312	Rocklin City, California	0.0754700184%
CA313	Rohnert Park City, California	0.0411149610%
CA314	Rosemead City, California	0.0034098389%
CA315	Roseville City, California	0.1950516830%
CA316	Sacramento City, California	0.7166566857%
CA317	Sacramento County, California	3.7740806472%
CA318	Salinas City, California	0.0937010885%
CA319	San Anselmo Town, California	0.0094182279%
CA320	San Benito County, California	0.1059231509%
CA321	San Bernardino City, California	0.1763886658%
CA322	San Bernardino County, California	3.2559161555%
CA323	San Bruno City, California	0.0207725105%
CA324	San Buenaventura (Ventura) City, California	0.0847248626%
CA325	San Carlos City, California	0.0131386259%
CA326	San Clemente City, California	0.0082288824%
CA327	San Diego City, California	1.9627490739%
CA328	San Diego County, California	5.6818161190%
CA329	San Dimas City, California	0.0026560247%
CA330	San Fernando City, California	0.0126494263%
CA331	San Francisco City, California	3.0072582513%
CA332	San Gabriel City, California	0.0178242442%
CA333	San Jacinto City, California	0.0103683341%
CA334	San Joaquin County, California	1.6732273743%
CA335	San Jose City, California	0.2920498815%
CA336	San Juan Capistrano City, California	0.0079040656%
CA337	San Leandro City, California	0.0387629931%
CA338	San Luis Obispo City, California	0.0769605978%
CA339	San Luis Obispo County, California	0.8319426358%
CA340	San Marcos City, California	0.0885504562%
CA341	San Marino City, California	0.0089035421%

CA342	San Mateo City, California	0.0513806053%
CA343	San Mateo County, California	1.0886812637%
CA344	San Pablo City, California	0.0179586052%
CA345	San Rafael City, California	0.0880586555%
CA346	San Ramon City, California	0.0212919065%
CA347	Sanger City, California	0.0176325038%
CA348	Santa Ana City, California	0.4984377514%
CA349	Santa Barbara City, California	0.1212083812%
CA350	Santa Barbara County, California	1.1351865563%
CA351	Santa Clara City, California	0.0663293780%
CA352	Santa Clara County, California	2.3902526488%
CA353	Santa Clarita City, California	0.0214974604%
CA354	Santa Cruz City, California	0.1424197376%
CA355	Santa Cruz County, California	0.7777323134%
CA356	Santa Fe Springs City, California	0.0310730772%
CA357	Santa Maria City, California	0.0578177221%
CA358	Santa Monica City, California	0.1566762783%
CA359	Santa Paula City, California	0.0143666526%
CA360	Santa Rosa City, California	0.1832885446%
CA361	Santee City, California	0.0323856346%
CA362	Saratoga City, California	0.0041222757%
CA363	Scotts Valley City, California	0.0152663892%
CA364	Seal Beach City, California	0.0200159844%
CA365	Seaside City, California	0.0231393228%
CA366	Selma City, California	0.0153877773%
CA367	Shafter City, California	0.0124787630%
CA368	Shasta County, California	1.0879294479%
CA369	Shasta Lake City, California	0.0038593900%
CA370	Sierra County, California	0.0142190648%
CA371	Sierra Madre City, California	0.0058690958%
CA372	Signal Hill City, California	0.0102416490%
CA373	Simi Valley City, California	0.0643155329%
CA374	Siskiyou County, California	0.2559528253%
CA375	Solana Beach City, California	0.0167194452%
CA376	Solano County, California	0.7608447107%
CA377	Soledad City, California	0.0073442915%
CA378	Sonoma City, California	0.0221333122%
CA379	Sonoma County, California	1.2365787659%
CA380	South El Monte City, California	0.0047782214%
CA381	South Gate City, California	0.0200614692%
CA382	South Lake Tahoe City, California	0.0802932013%
CA383	South Pasadena City, California	0.0115020448%
CA384	South San Francisco City, California	0.0427068345%
CA385	Stanislaus County, California	1.7144538588%
CA386	Stanton City, California	0.0352275317%
CA387	Stockton City, California	0.3112856617%
CA388	Suisun City, California	0.0212574757%
CA389	Sunnyvale City, California	0.0523734685%
CA390	Susanville City, California	0.0264595242%

CA391	Sutter County, California	0.3091952156%
CA392	Tehachapi City, California	0.0088777547%
CA393	Tehama County, California	0.2209052187%
CA394	Temecula City, California	0.0217286591%
CA395	Temple City, California	0.0047651056%
CA396	Thousand Oaks City, California	0.0217061387%
CA397	Torrance City, California	0.1109839555%
CA398	Tracy City, California	0.0835013242%
CA399	Trinity County, California	0.0817816555%
CA400	Truckee Town, California	0.0028775967%
CA401	Tulare City, California	0.0364714654%
CA402	Tulare County, California	0.8087538316%
CA403	Tuolumne County, California	0.5067147037%
CA404	Turlock City, California	0.0641856759%
CA405	Tustin City, California	0.0724358417%
CA406	Twentynine Palms City, California	0.0015204426%
CA407	Ukiah City, California	0.0382673703%
CA408	Union City, California	0.0425306998%
CA409	Upland City, California	0.0512150964%
CA410	Vacaville City, California	0.1178230927%
CA411	Vallejo City, California	0.1657416975%
CA412	Ventura County, California	2.1839799975%
CA413	Victorville City, California	0.0325051195%
CA414	Visalia City, California	0.0658641260%
CA415	Vista City, California	0.0512970262%
CA416	Walnut City, California	0.0057076310%
CA417	Walnut Creek City, California	0.0255961215%
CA418	Wasco City, California	0.0084294089%
CA419	Watsonville City, California	0.0627585660%
CA420	West Covina City, California	0.0488085245%
CA421	West Hollywood City, California	0.0130934425%
CA422	West Sacramento City, California	0.0656765408%
CA423	Westminster City, California	0.1035064607%
CA424	Whittier City, California	0.0314414123%
CA425	Wildomar City, California	0.0075417889%
CA426	Windsor Town, California	0.0156005948%
CA427	Woodland City, California	0.0576637113%
CA428	Yolo County, California	0.3670120496%
CA429	Yorba Linda City, California	0.0437048044%
CA430	Yuba City, California	0.0731487702%
CA431	Yuba County, California	0.2142726346%
CA432	Yucaipa City, California	0.0155378708%
CA433	Yucca Valley Town, California	0.0025608365%

CO1	Adams County, Colorado	6.4563067236%
CO2	Alamosa City, Colorado	0.0745910871%
CO3	Alamosa County, Colorado	0.4334718288%
CO4	Arapahoe County, Colorado	4.8467256550%
CO5	Archuleta County, Colorado	0.1370425096%
CO6	Arvada City, Colorado	1.2841799450%
CO7	Aurora City, Colorado	4.2914496137%
CO8	Baca County, Colorado	0.0592396985%
CO9	Bent County, Colorado	0.1133427512%
CO10	Black Hawk City, Colorado	0.0260393489%
CO11	Boulder City, Colorado	1.8402051032%
CO12	Boulder County, Colorado	2.8040191342%
CO13	Brighton City, Colorado	0.1405791210%
CO14	Broomfield City, Colorado	1.0013917112%
CO15	Cañon City, Colorado	0.3070751207%
CO16	Castle Pines City, Colorado	0.0073662408%
CO17	Castle Rock Town, Colorado	0.4961417855%
CO18	Centennial City, Colorado	0.0476600277%
CO19	Chaffee County, Colorado	0.3604069298%
CO20	Cheyenne County, Colorado	0.0159109271%
CO21	Clear Creek County, Colorado	0.1380433961%
CO22	Colorado Springs City, Colorado	9.6056573895%
CO23	Commerce City, Colorado	0.4459216299%
CO24	Conejos County, Colorado	0.2108486947%
CO25	Costilla County, Colorado	0.0552334207%
CO26	Crowley County, Colorado	0.0933584380%
CO27	Custer County, Colorado	0.0412185507%
CO28	Delta County, Colorado	0.5440118792%
CO29	Denver City, Colorado	15.0041699144%
CO30	Dolores County, Colorado	0.0352358134%
CO31	Douglas County, Colorado	2.6394119072%
CO32	Durango City, Colorado	0.2380966286%
CO33	Eagle County, Colorado	0.6187127797%
CO34	El Paso County, Colorado	2.2654220766%
CO35	Elbert County, Colorado	0.2804372613%
CO36	Englewood City, Colorado	0.6035403160%
CO37	Erie Town, Colorado	0.0550006818%
CO38	Evans City, Colorado	0.1783043118%
CO39	Federal Heights City, Colorado	0.1079698153%
CO40	Firestone Town, Colorado	0.0578836029%
CO41	Fort Collins City, Colorado	1.1954809288%
CO42	Fort Morgan City, Colorado	0.1301284524%
CO43	Fountain City, Colorado	0.1186014119%
CO44	Frederick Town, Colorado	0.0483214578%
CO45	Fremont County, Colorado	0.6866476799%
CO46	Fruita City, Colorado	0.0482720145%
CO47	Garfield County, Colorado	0.8376446894%
CO48	Gilpin County, Colorado	0.0300906083%
CO49	Golden City, Colorado	0.3661894352%

CO50	Grand County, Colorado	0.2036540033%
CO51	Grand Junction City, Colorado	1.0740385726%
CO52	Greeley City, Colorado	1.2128607699%
CO53	Greenwood Village City, Colorado	0.3058723632%
CO54	Gunnison County, Colorado	0.1912939834%
CO55	Hinsdale County, Colorado	0.0112390306%
CO56	Hudson Town, Colorado	0.0002554118%
CO57	Huerfano County, Colorado	0.2504945278%
CO58	Jackson County, Colorado	0.0309834115%
CO59	Jefferson County, Colorado	6.2301417879%
CO60	Johnstown, Colorado	0.0880406820%
CO61	Kiowa County, Colorado	0.0142237522%
CO62	Kit Carson County, Colorado	0.0939715175%
CO63	La Plata County, Colorado	0.5745585865%
CO64	Lafayette City, Colorado	0.1923606122%
CO65	Lake County, Colorado	0.0989843273%
CO66	Lakewood City, Colorado	1.6765864702%
CO67	Larimer County, Colorado	3.6771380213%
CO68	Las Animas County, Colorado	0.6303942510%
CO69	Lincoln County, Colorado	0.0819433053%
CO70	Littleton City, Colorado	0.9911426404%
CO71	Logan County, Colorado	0.2819912214%
CO72	Lone Tree City, Colorado	0.1937076023%
CO73	Longmont City, Colorado	0.8513027113%
CO74	Louisville City, Colorado	0.0837469407%
CO75	Loveland City, Colorado	1.5095861119%
CO76	Mesa County, Colorado	1.7687427882%
CO77	Mineral County, Colorado	0.0039157682%
CO78	Moffat County, Colorado	0.2325862894%
CO79	Montezuma County, Colorado	0.4428801804%
CO80	Montrose City, Colorado	0.0375815957%
CO81	Montrose County, Colorado	0.5319658200%
CO82	Morgan County, Colorado	0.3376035258%
CO83	Northglenn City, Colorado	0.1972243635%
CO84	Otero County, Colorado	0.4486069596%
CO85	Ouray County, Colorado	0.0534887895%
CO86	Park County, Colorado	0.1673691348%
CO87	Parker Town, Colorado	0.3247124678%
CO88	Phillips County, Colorado	0.0713973011%
CO89	Pitkin County, Colorado	0.1746622577%
CO90	Prowers County, Colorado	0.1726881656%
CO91	Pueblo City, Colorado	2.5730616529%
CO92	Pueblo County, Colorado	3.1025919095%
CO93	Rio Blanco County, Colorado	0.1012968741%
CO94	Rio Grande County, Colorado	0.2526177695%
CO95	Routt County, Colorado	0.2323178565%
CO96	Saguache County, Colorado	0.0666194156%
CO97	San Juan County, Colorado	0.0097000947%
CO98	San Miguel County, Colorado	0.1004727271%

CO99	Sedgwick County, Colorado	0.0618109352%
CO100	Sheridan City, Colorado	0.2306795787%
CO101	Steamboat Springs City, Colorado	0.1513646932%
CO102	Sterling City, Colorado	0.0995110857%
CO103	Summit County, Colorado	0.3761345614%
CO104	Superior Town, Colorado	0.0014920421%
CO105	Teller County, Colorado	0.6218972779%
CO106	Thornton City, Colorado	1.0031200434%
CO107	Washington County, Colorado	0.0356553080%
CO108	Weld County, Colorado	2.2921158443%
CO109	Wellington Town, Colorado	0.0235131848%
CO110	Westminster City, Colorado	1.1920065086%
CO111	Wheat Ridge City, Colorado	0.3438324783%
CO112	Windsor Town, Colorado	0.0900350795%
CO113	Yuma County, Colorado	0.0992146077%

CT1	Andover Town, Connecticut	0.0513214640%
CT2	Ansonia City, Connecticut	0.5316052437%
CT3	Ashford Town, Connecticut	0.1096965130%
CT4	Avon Town, Connecticut	0.5494886534%
CT5	Barkhamsted Town, Connecticut	0.0620629520%
CT6	Beacon Falls Town, Connecticut	0.1953947308%
CT7	Berlin Town, Connecticut	0.5215629385%
CT8	Bethany Town, Connecticut	0.1039156068%
CT9	Bethel Town, Connecticut	0.3522422145%
CT10	Bethlehem Town, Connecticut	0.0078647202%
CT11	Bloomfield Town, Connecticut	0.4888368136%
CT12	Bolton Town, Connecticut	0.1520831395%
CT13	Bozrah Town, Connecticut	0.0582057867%
CT14	Branford Town, Connecticut	0.8903816954%
CT15	Bridgeport City, Connecticut	3.2580743095%
CT16	Bridgewater Town, Connecticut	0.0118125935%
CT17	Bristol City, Connecticut	1.3355768908%
CT18	Brookfield Town, Connecticut	0.3087903124%
CT19	Brooklyn Town, Connecticut	0.1880661562%
CT20	Burlington Town, Connecticut	0.2348761319%
CT21	Canaan Town, Connecticut	0.0343343640%
CT22	Canterbury Town, Connecticut	0.1354310071%
CT23	Canton Town, Connecticut	0.2669011966%
CT24	Chaplin Town, Connecticut	0.0523959290%
CT25	Cheshire Town, Connecticut	0.9783113499%
CT26	Chester Town, Connecticut	0.0772387574%
CT27	Clinton Town, Connecticut	0.5348726093%
CT28	Colchester Town, Connecticut	0.6134395770%
CT29	Colebrook Town, Connecticut	0.0296870114%
CT30	Columbia Town, Connecticut	0.1005666237%
CT31	Cornwall Town, Connecticut	0.0486027928%
CT32	Coventry Town, Connecticut	0.3460011479%
CT33	Cromwell Town, Connecticut	0.4750451453%
CT34	Danbury City, Connecticut	1.1556465907%
CT35	Darien Town, Connecticut	0.6429649345%
CT36	Deep River Town, Connecticut	0.0924563595%
CT37	Derby City, Connecticut	0.3503125449%
CT38	Durham Town, Connecticut	0.0079309232%
CT39	East Granby Town, Connecticut	0.1455975170%
CT40	East Haddam Town, Connecticut	0.3145696377%
CT41	East Hampton Town, Connecticut	0.4637546663%
CT42	East Hartford Town, Connecticut	1.2645454069%
CT43	East Haven Town, Connecticut	0.8590923735%
CT44	East Lyme Town, Connecticut	0.6375826296%
CT45	East Windsor Town, Connecticut	0.2419743793%
CT46	Eastford Town, Connecticut	0.0446651958%
CT47	Easton Town, Connecticut	0.1354961231%
CT48	Ellington Town, Connecticut	0.4010047839%
CT49	Enfield Town, Connecticut	0.9173431190%

CT50	Essex Town, Connecticut	0.1431870357%
CT51	Fairfield Town, Connecticut	1.4212308415%
CT52	Farmington Town, Connecticut	0.6572091547%
CT53	Franklin Town, Connecticut	0.0446032416%
CT54	Glastonbury Town, Connecticut	1.0420644550%
CT55	Goshen Town, Connecticut	0.0030464255%
CT56	Granby Town, Connecticut	0.2928405247%
CT57	Greenwich Town, Connecticut	1.5644702467%
CT58	Griswold Town, Connecticut	0.3865570141%
CT59	Groton Town, Connecticut	1.4033874500%
CT60	Guilford Town, Connecticut	0.8399392493%
CT61	Haddam Town, Connecticut	0.0151716553%
CT62	Hamden Town, Connecticut	1.7724359413%
CT63	Hampton Town, Connecticut	0.0429454985%
CT64	Hartford City, Connecticut	5.3268549899%
CT65	Hartland Town, Connecticut	0.0359782738%
CT66	Harwinton Town, Connecticut	0.0126363764%
CT67	Hebron Town, Connecticut	0.1593443254%
CT68	Kent Town, Connecticut	0.0835899976%
CT69	Killingly Town, Connecticut	0.6116898413%
CT70	Killingworth Town, Connecticut	0.2652963170%
CT71	Lebanon Town, Connecticut	0.2746607824%
CT72	Ledyard Town, Connecticut	0.5514380850%
CT73	Lisbon Town, Connecticut	0.1156355161%
CT74	Litchfield Town, Connecticut	0.3481982974%
CT75	Lyme Town, Connecticut	0.0023141411%
CT76	Madison Town, Connecticut	0.7594223560%
CT77	Manchester Town, Connecticut	1.3929765818%
CT78	Mansfield Town, Connecticut	0.3058754037%
CT79	Marlborough Town, Connecticut	0.0766010346%
CT80	Meriden City, Connecticut	1.8508778149%
CT81	Middlebury Town, Connecticut	0.0276033951%
CT82	Middlefield Town, Connecticut	0.0075627554%
CT83	Middletown City, Connecticut	1.5343128975%
CT84	Milford City, Connecticut	1.8215679630%
CT85	Monroe Town, Connecticut	0.4307375445%
CT86	Montville Town, Connecticut	0.5806185940%
CT87	Morris Town, Connecticut	0.0099785725%
CT88	Naugatuck Borough, Connecticut	1.0644527326%
CT89	New Britain City, Connecticut	1.5740557511%
CT90	New Canaan Town, Connecticut	0.6136187204%
CT91	New Fairfield Town, Connecticut	0.2962030448%
CT92	New Hartford Town, Connecticut	0.1323482193%
CT93	New Haven City, Connecticut	5.8061427601%
CT94	New London City, Connecticut	1.0536729060%
CT95	New Milford Town, Connecticut	1.0565475001%
CT96	Newington Town, Connecticut	0.7132456565%
CT97	Newtown, Connecticut	0.5964476353%
CT98	Norfolk Town, Connecticut	0.0442819100%

CT99	North Branford Town, Connecticut	0.4795791623%
CT100	North Canaan Town, Connecticut	0.0913148022%
CT101	North Haven Town, Connecticut	0.7922543069%
CT102	North Stonington Town, Connecticut	0.1803885830%
CT103	Norwalk City, Connecticut	1.5918210823%
CT104	Norwich City, Connecticut	1.1639182124%
CT105	Old Lyme Town, Connecticut	0.0247921386%
CT106	Old Saybrook Town, Connecticut	0.4181170767%
CT107	Orange Town, Connecticut	0.3683598812%
CT108	Oxford Town, Connecticut	0.3955127994%
CT109	Plainfield Town, Connecticut	0.5352043161%
CT110	Plainville Town, Connecticut	0.3937549612%
CT111	Plymouth Town, Connecticut	0.4213382978%
CT112	Pomfret Town, Connecticut	0.1174722050%
CT113	Portland Town, Connecticut	0.3205523149%
CT114	Preston Town, Connecticut	0.1319895374%
CT115	Prospect Town, Connecticut	0.3056173107%
CT116	Putnam Town, Connecticut	0.2953254103%
CT117	Redding Town, Connecticut	0.1726435223%
CT118	Ridgefield Town, Connecticut	0.6645173744%
CT119	Rocky Hill Town, Connecticut	0.3929175425%
CT120	Roxbury Town, Connecticut	0.0037924445%
CT121	Salem Town, Connecticut	0.1075219911%
CT122	Salisbury Town, Connecticut	0.1052257347%
CT123	Scotland Town, Connecticut	0.0395212218%
CT124	Seymour Town, Connecticut	0.5301171581%
CT125	Sharon Town, Connecticut	0.0761294123%
CT126	Shelton City, Connecticut	0.5601099879%
CT127	Sherman Town, Connecticut	0.0494382353%
CT128	Simsbury Town, Connecticut	0.6988446241%
CT129	Somers Town, Connecticut	0.2491740063%
CT130	South Windsor Town, Connecticut	0.7310935932%
CT131	Southbury Town, Connecticut	0.0581965974%
CT132	Southington Town, Connecticut	0.9683065927%
CT133	Sprague Town, Connecticut	0.0874709763%
CT134	Stafford Town, Connecticut	0.3388202949%
CT135	Stamford City, Connecticut	2.9070395589%
CT136	Sterling Town, Connecticut	0.0949826467%
CT137	Stonington Town, Connecticut	0.5576891315%
CT138	Stratford Town, Connecticut	0.9155695700%
CT139	Suffield Town, Connecticut	0.3402792315%
CT140	Thomaston Town, Connecticut	0.2664061562%
CT141	Thompson Town, Connecticut	0.2673479187%
CT142	Tolland Town, Connecticut	0.4342020371%
CT143	Torrington City, Connecticut	1.3652460176%
CT144	Trumbull Town, Connecticut	0.7617744403%
CT145	Union Town, Connecticut	0.0153941764%
CT146	Vernon Town, Connecticut	0.7027162157%
CT147	Voluntown, Connecticut	0.0733181557%

CT148	Wallingford Town, Connecticut	1.5350353996%
CT149	Warren Town, Connecticut	0.0489758024%
CT150	Washington Town, Connecticut	0.1553517897%
CT151	Waterbury City, Connecticut	4.6192219654%
CT152	Waterford Town, Connecticut	0.7608802056%
CT153	Watertown, Connecticut	0.6868118808%
CT154	West Hartford Town, Connecticut	1.6216697477%
CT155	West Haven City, Connecticut	1.4026972589%
CT156	Westbrook Town, Connecticut	0.2586999280%
CT157	Weston Town, Connecticut	0.3664201329%
CT158	Westport Town, Connecticut	0.8921084083%
CT159	Wethersfield Town, Connecticut	0.6208707168%
CT160	Willington Town, Connecticut	0.0975268185%
CT161	Wilton Town, Connecticut	0.6378099925%
CT162	Winchester Town, Connecticut	0.3760305376%
CT163	Windham Town, Connecticut	1.0108949901%
CT164	Windsor Locks Town, Connecticut	0.3174167624%
CT165	Windsor Town, Connecticut	0.7548324123%
CT166	Wolcott Town, Connecticut	0.5443693820%
CT167	Woodbridge Town, Connecticut	0.2435300513%
CT168	Woodbury Town, Connecticut	0.3411988605%
CT169	Woodmont Borough, Connecticut	0.0173159412%
CT170	Woodstock Town, Connecticut	0.1817110623%

Allocations are subject to change pursuant to a State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution.

DE1	Dover City, Delaware	7.2964973046%
DE2	Kent County, Delaware	6.5479520244%
DE3	Middletown, Delaware	0.7391705309%
DE4	Milford City, Delaware	2.0974096596%
DE5	New Castle County, Delaware	32.3098315772%
DE6	Newark City, Delaware	2.6861540739%
DE7	Seaford City, Delaware	1.9021182635%
DE8	Smyrna Town, Delaware	1.6675857161%
DE9	Sussex County, Delaware	23.0032093630%
DE10	Wilmington City, Delaware	21.7500714866%

Allocations are subject to change pursuant to a State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution.

DC1	Washington, District of Columbia	100.0000000000%

FL1	Alachua County, Florida	0.8594613234%
FL2	Altamonte Springs City, Florida	0.0813054302%
FL3	Apopka City, Florida	0.0972154704%
FL4	Atlantic Beach City, Florida	0.0388915664%
FL5	Auburndale City, Florida	0.0286367831%
FL6	Aventura City, Florida	0.0246200756%
FL7	Avon Park City, Florida	0.0258288737%
FL8	Baker County, Florida	0.1931736622%
FL9	Bartow City, Florida	0.0439725748%
FL10	Bay County, Florida	0.5394465693%
FL11	Belle Glade City, Florida	0.0208278128%
FL12	Boca Raton City, Florida	0.4720689632%
FL13	Bonita Springs City, Florida	0.0173754580%
FL14	Boynton Beach City, Florida	0.3064979246%
FL15	Bradenton City, Florida	0.3799303249%
FL16	Bradford County, Florida	0.1894834807%
FL17	Brevard County, Florida	2.3870763525%
FL18	Broward County, Florida	4.0626227708%
FL19	Calhoun County, Florida	0.0471282181%
FL20	Callaway City, Florida	0.0249535015%
FL21	Cape Canaveral City, Florida	0.0455607190%
FL22	Cape Coral City, Florida	0.7144300110%
FL23	Casselberry City, Florida	0.0800352962%
FL24	Charlotte County, Florida	0.6902251426%
FL25	Citrus County, Florida	0.9696466473%
FL26	Clay County, Florida	1.1934300121%
FL27	Clearwater City, Florida	0.6338625372%
FL28	Clermont City, Florida	0.0759095348%
FL29	Cocoa Beach City, Florida	0.0843632048%
FL30	Cocoa City, Florida	0.1492447199%
FL31	Coconut Creek City, Florida	0.1011309318%
FL32	Collier County, Florida	1.3548224874%
FL33	Columbia County, Florida	0.3421221973%
FL34	Cooper City, Florida	0.0739363249%
FL35	Coral Gables City, Florida	0.0717799422%
FL36	Coral Springs City, Florida	0.3234064085%
FL37	Crestview City, Florida	0.0704397566%
FL38	Cutler Bay Town, Florida	0.0094141463%
FL39	Dania Beach City, Florida	0.0178067890%
FL40	Davie Town, Florida	0.2669225293%
FL41	Daytona Beach City, Florida	0.4475559985%
FL42	Daytona Beach Shores City, Florida	0.0397433158%
FL43	De Soto County, Florida	0.1136404205%
FL44	Debary City, Florida	0.0352833296%
FL45	Deerfield Beach City, Florida	0.2024233562%
FL46	Deland City, Florida	0.0989843542%
FL47	Delray Beach City, Florida	0.3518466005%
FL48	Deltona City, Florida	0.1993292304%
FL49	Destin City, Florida	0.0146783092%

FL50	Dixie County, Florida	0.1037443927%
FL51	Doral City, Florida	0.0139780477%
FL52	Dunedin City, Florida	0.1024411213%
FL53	Eatonville Town, Florida	0.0083256415%
FL54	Edgewater City, Florida	0.0580427172%
FL55	Escambia County, Florida	1.0109990610%
FL56	Estero Village, Florida	0.0120797555%
FL57	Eustis City, Florida	0.0419300395%
FL58	Fernandina Beach City, Florida	0.0831601989%
FL59	Flagler County, Florida	0.3050082484%
FL60	Florida City, Florida	0.0039287890%
FL61	Fort Lauderdale City, Florida	0.8305816295%
FL62	Fort Myers City, Florida	0.4310995634%
FL63	Fort Pierce City, Florida	0.1595358726%
FL64	Fort Walton Beach City, Florida	0.0778370605%
FL65	Franklin County, Florida	0.0499106708%
FL66	Fruitland Park City, Florida	0.0083820932%
FL67	Gadsden County, Florida	0.1236554705%
FL68	Gainesville City, Florida	0.3815982894%
FL69	Gilchrist County, Florida	0.0643335042%
FL70	Glades County, Florida	0.0406124963%
FL71	Greenacres City, Florida	0.0764248986%
FL72	Groveland City, Florida	0.0261531482%
FL73	Gulf County, Florida	0.0599141908%
FL74	Gulfport City, Florida	0.0478945547%
FL75	Haines City, Florida	0.0479847066%
FL76	Hallandale Beach City, Florida	0.1549505272%
FL77	Hamilton County, Florida	0.0479418005%
FL78	Hardee County, Florida	0.0671103643%
FL79	Hendry County, Florida	0.1444608951%
FL80	Hernando County, Florida	1.5100758996%
FL81	Hialeah City, Florida	0.0980156525%
FL82	Hialeah Gardens City, Florida	0.0054519294%
FL83	Highlands County, Florida	0.2931860386%
FL84	Hillsborough County, Florida	6.5231125308%
FL85	Holly Hill City, Florida	0.0316162444%
FL86	Hollywood City, Florida	0.5201647754%
FL87	Holmes County, Florida	0.0816118922%
FL88	Homestead City, Florida	0.0249353985%
FL89	Indian River County, Florida	0.6541177901%
FL90	Jackson County, Florida	0.1589357678%
FL91	Jacksonville Beach City, Florida	0.1004466852%
FL92	Jacksonville City, Florida	5.2956380196%
FL93	Jefferson County, Florida	0.0408207989%
FL94	Jupiter Town, Florida	0.1254666431%
FL95	Key Biscayne Village, Florida	0.0136838783%
FL96	Key West City, Florida	0.0880867779%
FL97	Kissimmee City, Florida	0.1623657708%
FL98	Lady Lake Town, Florida	0.0250481927%

FL99	Lafayette County, Florida	0.0319113399%
FL100	Lake City, Florida	0.1046594391%
FL101	Lake County, Florida	0.7815478562%
FL102	Lake Mary City, Florida	0.0797674370%
FL103	Lake Wales City, Florida	0.0362931762%
FL104	Lake Worth City, Florida	0.1171459041%
FL105	Lakeland City, Florida	0.2948749206%
FL106	Lantana Town, Florida	0.0245078987%
FL107	Largo City, Florida	0.3741936498%
FL108	Lauderdale Lakes City, Florida	0.0626243040%
FL109	Lauderhill City, Florida	0.1443830721%
FL110	Lee County, Florida	2.1503874299%
FL111	Leesburg City, Florida	0.0913398906%
FL112	Leon County, Florida	0.4712019797%
FL113	Levy County, Florida	0.2511923208%
FL114	Liberty County, Florida	0.0193986191%
FL115	Lighthouse Point City, Florida	0.0291322827%
FL116	Longwood City, Florida	0.0617091669%
FL117	Lynn Haven City, Florida	0.0392057816%
FL118	Madison County, Florida	0.0635403309%
FL119	Maitland City, Florida	0.0467282451%
FL120	Manatee County, Florida	2.2885234019%
FL121	Marco Island City, Florida	0.0620945413%
FL122	Margate City, Florida	0.1436833554%
FL123	Marion County, Florida	1.3321814866%
FL124	Martin County, Florida	0.7882651079%
FL125	Melbourne City, Florida	0.3831054876%
FL126	Miami Beach City, Florida	0.1814092477%
FL127	Miami City, Florida	0.2927934557%
FL128	Miami Gardens City, Florida	0.0406839641%
FL129	Miami Lakes Town, Florida	0.0078375139%
FL130	Miami Shores Village, Florida	0.0062876094%
FL131	Miami Springs City, Florida	0.0061694950%
FL132	Miami-Dade County, Florida	4.3271705192%
FL133	Milton City, Florida	0.0466314657%
FL134	Minneola City, Florida	0.0160580418%
FL135	Miramar City, Florida	0.2792796404%
FL136	Monroe County, Florida	0.3883011967%
FL137	Mount Dora City, Florida	0.0410212212%
FL138	Naples City, Florida	0.1344157944%
FL139	Nassau County, Florida	0.3937725183%
FL140	New Port Richey City, Florida	0.1498783253%
FL141	New Smyrna Beach City, Florida	0.1040660344%
FL142	Niceville City, Florida	0.0217446385%
FL143	North Lauderdale City, Florida	0.0660690508%
FL144	North Miami Beach City, Florida	0.0303917946%
FL145	North Miami City, Florida	0.0303784307%
FL146	North Palm Beach Village, Florida	0.0443491609%
FL147	North Port City, Florida	0.2096119036%

FL148	Oakland Park City, Florida	0.1004312332%
FL149	Ocala City, Florida	0.3689945815%
FL150	Ocoee City, Florida	0.0666000846%
FL151	Okaloosa County, Florida	0.6345124117%
FL152	Okeechobee County, Florida	0.3534953181%
FL153	Oldsmar City, Florida	0.0394219828%
FL154	Opa-Locka City, Florida	0.0078475369%
FL155	Orange City, Florida	0.0335624179%
FL156	Orange County, Florida	3.1307419804%
FL157	Orlando City, Florida	1.1602492100%
FL158	Ormond Beach City, Florida	0.1146438211%
FL159	Osceola County, Florida	0.8372491116%
FL160	Oviedo City, Florida	0.1031308696%
FL161	Palatka City, Florida	0.0469549231%
FL162	Palm Bay City, Florida	0.4048169342%
FL163	Palm Beach County, Florida	5.9784001645%
FL164	Palm Beach Gardens City, Florida	0.2336752163%
FL165	Palm Coast City, Florida	0.0848564709%
FL166	Palm Springs Village, Florida	0.0380209877%
FL167	Palmetto Bay Village, Florida	0.0074040767%
FL168	Palmetto City, Florida	0.0528697594%
FL169	Panama City Beach City, Florida	0.0808973045%
FL170	Panama City, Florida	0.1551531466%
FL171	Parkland City, Florida	0.0458042834%
FL172	Pasco County, Florida	4.4295368317%
FL173	Pembroke Pines City, Florida	0.4628331778%
FL174	Pensacola City, Florida	0.3306359554%
FL175	Pinecrest Village, Florida	0.0082965714%
FL176	Pinellas County, Florida	4.7935359992%
FL177	Pinellas Park City, Florida	0.2516664490%
FL178	Plant City, Florida	0.1042185754%
FL179	Plantation City, Florida	0.2139192761%
FL180	Polk County, Florida	1.6016881161%
FL181	Pompano Beach City, Florida	0.3354719648%
FL182	Port Orange City, Florida	0.1775970116%
FL183	Port St. Lucie City, Florida	0.3908042602%
FL184	Punta Gorda City, Florida	0.0471207554%
FL185	Putnam County, Florida	0.3379382594%
FL186	Riviera Beach City, Florida	0.1636174387%
FL187	Rockledge City, Florida	0.0966039082%
FL188	Royal Palm Beach Village, Florida	0.0492948779%
FL189	Safety Harbor City, Florida	0.0380615697%
FL190	Sanford City, Florida	0.1642438718%
FL191	Santa Rosa County, Florida	0.6546368035%
FL192	Sarasota City, Florida	0.4842803786%
FL193	Sarasota County, Florida	1.9688041245%
FL194	Satellite Beach City, Florida	0.0359750389%
FL195	Sebastian City, Florida	0.0383157745%
FL196	Sebring City, Florida	0.0381728569%

FL197	Seminole City, Florida	0.0952489243%
FL198	Seminole County, Florida	1.5086951138%
FL199	South Daytona City, Florida	0.0452214101%
FL200	South Miami City, Florida	0.0078330472%
FL201	St Johns County, Florida	0.6638216753%
FL202	St Lucie County, Florida	0.9562887503%
FL203	St. Augustine City, Florida	0.0465108819%
FL204	St. Cloud City, Florida	0.0738366040%
FL205	St. Petersburg City, Florida	1.4565924173%
FL206	Stuart City, Florida	0.0812230134%
FL207	Sumter County, Florida	0.3263986345%
FL208	Sunny Isles Beach City, Florida	0.0076937793%
FL209	Sunrise City, Florida	0.2860704481%
FL210	Suwannee County, Florida	0.1910149373%
FL211	Sweetwater City, Florida	0.0041159745%
FL212	Tallahassee City, Florida	0.4259972563%
FL213	Tamarac City, Florida	0.1344928911%
FL214	Tampa City, Florida	1.9756726462%
FL215	Tarpon Springs City, Florida	0.1019709696%
FL216	Tavares City, Florida	0.0318218598%
FL217	Taylor County, Florida	0.0921812176%
FL218	Temple Terrace City, Florida	0.1079810418%
FL219	Titusville City, Florida	0.2400558465%
FL220	Union County, Florida	0.0651555116%
FL221	Venice City, Florida	0.1423476183%
FL222	Vero Beach City, Florida	0.0606417248%
FL223	Volusia County, Florida	1.7446849189%
FL224	Wakulla County, Florida	0.1151294611%
FL225	Walton County, Florida	0.2685576832%
FL226	Washington County, Florida	0.1201244575%
FL227	Wellington Village, Florida	0.0501840680%
FL228	West Melbourne City, Florida	0.0519971652%
FL229	West Palm Beach City, Florida	0.5492662267%
FL230	West Park City, Florida	0.0295538994%
FL231	Weston City, Florida	0.1386373546%
FL232	Wilton Manors City, Florida	0.0316306070%
FL233	Winter Garden City, Florida	0.0562653176%
FL234	Winter Haven City, Florida	0.0970328243%
FL235	Winter Park City, Florida	0.1049029672%
FL236	Winter Springs City, Florida	0.0622621530%
FL237	Zephyrhills City, Florida	0.1126717551%

GA1	Acworth City, Georgia	0.1010066057%
GA2	Adel City, Georgia	0.0545649432%
GA3	Albany City, Georgia	0.3157843012%
GA4	Alma City, Georgia	0.0720108615%
GA5	Alpharetta City, Georgia	0.2110377863%
GA6	Americus City, Georgia	0.0651732444%
GA7	Appling County, Georgia	0.1891925647%
GA8	Arlington City, Georgia	0.0057755147%
GA9	Athens-Clarke County Unified Government, Georgia	1.3856330305%
GA10	Atkinson County, Georgia	0.0986720780%
GA11	Atlanta City, Georgia	2.9922320659%
GA12	Augusta-Richmond County Consolidated Government, Georgia	2.7761021713%
GA13	Bacon County, Georgia	0.1326313298%
GA14	Bainbridge City, Georgia	0.0569861790%
GA15	Baker County, Georgia	0.0138992540%
GA16	Baldwin County, Georgia	0.2940093402%
GA17	Banks County, Georgia	0.2108287241%
GA18	Barrow County, Georgia	0.7562315570%
GA19	Bartow County, Georgia	1.0945235112%
GA20	Ben Hill County, Georgia	0.0834031458%
GA21	Berrien County, Georgia	0.1225733642%
GA22	Blackshear City, Georgia	0.0349161927%
GA23	Blakely City, Georgia	0.0158441397%
GA24	Bleckley County, Georgia	0.1430561858%
GA25	Brantley County, Georgia	0.2875410777%
GA26	Braselton Town, Georgia	0.0371467624%
GA27	Brookhaven City, Georgia	0.0913450445%
GA28	Brooks County, Georgia	0.1455943886%
GA29	Brunswick City, Georgia	0.1020085339%
GA30	Bryan County, Georgia	0.2289883650%
GA31	Buford City, Georgia	0.0023586547%
GA32	Bulloch County, Georgia	0.4088475182%
GA33	Burke County, Georgia	0.1875413288%
GA34	Butts County, Georgia	0.3747020131%
GA35	Calhoun City, Georgia	0.1780085402%
GA36	Calhoun County, Georgia	0.0360783561%
GA37	Camden County, Georgia	0.3387009665%
GA38	Candler County, Georgia	0.0990882539%
GA39	Canton City, Georgia	0.1378274535%
GA40	Carroll County, Georgia	1.4108548814%
GA41	Carrollton City, Georgia	0.4395018339%
GA42	Cartersville City, Georgia	0.2991406477%
GA43	Catoosa County, Georgia	1.1134068466%
GA44	Chamblee City, Georgia	0.0537051979%
GA45	Charlton County, Georgia	0.1046313818%
GA46	Chatham County, Georgia	1.4544033708%
GA47	Chattooga County, Georgia	0.3317513109%

GA48	Cherokee County, Georgia	2.1190683851%
GA49	Clarkston City, Georgia	0.0175253481%
GA50	Clay County, Georgia	0.0274637104%
GA51	Clayton County, Georgia	1.6728881377%
GA52	Clinch County, Georgia	0.0617206810%
GA53	Cobb County, Georgia	5.8580801967%
GA54	Coffee County, Georgia	0.4164755944%
GA55	College Park City, Georgia	0.1805996391%
GA56	Colquitt County, Georgia	0.2578612394%
GA57	Columbia County, Georgia	1.2905730633%
GA58	Columbus City, Georgia	1.8227140298%
GA59	Conyers City, Georgia	0.1202231912%
GA60	Cook County, Georgia	0.0973405674%
GA61	Cordele City, Georgia	0.0583989534%
GA62	Covington City, Georgia	0.1969084378%
GA63	Coweta County, Georgia	0.9767276305%
GA64	Crawford County, Georgia	0.1282569558%
GA65	Crisp County, Georgia	0.1296658905%
GA66	Cusseta-Chattahoochee County Unified Government, Georgia	0.0695538650%
GA67	Dade County, Georgia	0.1799465490%
GA68	Dallas City, Georgia	0.0916776643%
GA69	Dalton City, Georgia	0.3628092518%
GA70	Damascus City, Georgia	0.0005040301%
GA71	Dawson City, Georgia	0.0138696254%
GA72	Dawson County, Georgia	0.3215223361%
GA73	Decatur City, Georgia	0.1040340531%
GA74	Decatur County, Georgia	0.1633371087%
GA75	Dekalb County, Georgia	4.1483991779%
GA76	Demorest City, Georgia	0.0233539880%
GA77	Dodge County, Georgia	0.3228398634%
GA78	Dooly County, Georgia	0.0758970226%
GA79	Doraville City, Georgia	0.0619484258%
GA80	Dougherty County, Georgia	0.4519146718%
GA81	Douglas City, Georgia	0.2364366638%
GA82	Douglas County, Georgia	1.2411219485%
GA83	Douglasville City, Georgia	0.2313289102%
GA84	Dublin City, Georgia	0.1598683843%
GA85	Duluth City, Georgia	0.1174400509%
GA86	Dunwoody City, Georgia	0.0823645400%
GA87	Early County, Georgia	0.0433467628%
GA88	East Point City, Georgia	0.2308433908%
GA89	Echols County, Georgia	0.0262187359%
GA90	Effingham County, Georgia	0.4645781207%
GA91	Elbert County, Georgia	0.2655117233%
GA92	Emanuel County, Georgia	0.2278497555%
GA93	Evans County, Georgia	0.1156959749%
GA94	Fairburn City, Georgia	0.0542552469%
GA95	Fannin County, Georgia	0.5651805280%

GA96	Fayette County, Georgia	0.6527012475%
GA97	Fayetteville City, Georgia	0.1201203794%
GA98	Fitzgerald City, Georgia	0.0569093853%
GA99	Floyd County, Georgia	0.9887350092%
GA100	Forest Park City, Georgia	0.1455200592%
GA101	Forsyth County, Georgia	1.7110664570%
GA102	Franklin County, Georgia	0.5550296650%
GA103	Fulton County, Georgia	3.5353742420%
GA104	Gainesville City, Georgia	0.3640437388%
GA105	Georgetown-Quitman County Unified Government, Georgia	0.0176595651%
GA106	Gilmer County, Georgia	0.4239021158%
GA107	Glascock County, Georgia	0.0283662653%
GA108	Glynn County, Georgia	0.7968809706%
GA109	Gordon County, Georgia	0.4175279543%
GA110	Grady County, Georgia	0.1716497947%
GA111	Greene County, Georgia	0.1737385827%
GA112	Griffin City, Georgia	0.2287480123%
GA113	Grovetown City, Georgia	0.0632622854%
GA114	Gwinnett County, Georgia	4.8912732775%
GA115	Habersham County, Georgia	0.4635124652%
GA116	Hall County, Georgia	1.5772937095%
GA117	Hancock County, Georgia	0.0536800967%
GA118	Haralson County, Georgia	1.0934912667%
GA119	Harris County, Georgia	0.2037540782%
GA120	Hart County, Georgia	0.2935398099%
GA121	Heard County, Georgia	0.1232058232%
GA122	Henry County, Georgia	1.9715208583%
GA123	Hinesville City, Georgia	0.2572364025%
GA124	Holly Springs City, Georgia	0.0823108417%
GA125	Houston County, Georgia	0.8378076437%
GA126	Irwin County, Georgia	0.0610553841%
GA127	Jackson County, Georgia	0.9201220386%
GA128	Jasper County, Georgia	0.1152245534%
GA129	Jeff Davis County, Georgia	0.3659791686%
GA130	Jefferson City, Georgia	0.0881783943%
GA131	Jefferson County, Georgia	0.1517559349%
GA132	Jenkins County, Georgia	0.0808740550%
GA133	Johns Creek City, Georgia	0.1877697040%
GA134	Johnson County, Georgia	0.0876584323%
GA135	Jones County, Georgia	0.2773521617%
GA136	Kennesaw City, Georgia	0.1446191663%
GA137	Kingsland City, Georgia	0.1313198199%
GA138	Lagrange City, Georgia	0.2069622772%
GA139	Lakeland City, Georgia	0.0155232109%
GA140	Lamar County, Georgia	0.2083015245%
GA141	Lanier County, Georgia	0.0574613256%
GA142	Laurens County, Georgia	0.5249834521%
GA143	Lawrenceville City, Georgia	0.1647173317%

GA144	Lee County, Georgia	0.2162850866%
GA145	Liberty County, Georgia	0.2931642086%
GA146	Lilburn City, Georgia	0.0538355752%
GA147	Lincoln County, Georgia	0.1000487479%
GA148	Loganville City, Georgia	0.1468681321%
GA149	Long County, Georgia	0.1216766548%
GA150	Lowndes County, Georgia	0.6253829866%
GA151	Lumpkin County, Georgia	0.3139555802%
GA152	Macon County, Georgia	0.1110857755%
GA153	Macon-Bibb County Unified Government, Georgia	2.0265214623%
GA154	Madison County, Georgia	0.5114434091%
GA155	Marietta City, Georgia	0.7354006996%
GA156	Marion County, Georgia	0.0615218771%
GA157	McDonough City, Georgia	0.0803644086%
GA158	McDuffie County, Georgia	0.2216409869%
GA159	McIntosh County, Georgia	0.1678759014%
GA160	Meriwether County, Georgia	0.2015834534%
GA161	Milledgeville City, Georgia	0.1343842887%
GA162	Miller County, Georgia	0.0562389307%
GA163	Milton City, Georgia	0.0765630644%
GA164	Mitchell County, Georgia	0.1842864232%
GA165	Monroe City, Georgia	0.1616058698%
GA166	Monroe County, Georgia	0.2463868890%
GA167	Montgomery County, Georgia	0.0685440855%
GA168	Morgan County, Georgia	0.1807932852%
GA169	Moultrie City, Georgia	0.1150272968%
GA170	Murray County, Georgia	0.6862865600%
GA171	Nashville City, Georgia	0.0288042758%
GA172	Newnan City, Georgia	0.2037973462%
GA173	Newton County, Georgia	0.6206699754%
GA174	Norcross City, Georgia	0.0762036242%
GA175	Oconee County, Georgia	0.2721000475%
GA176	Oglethorpe County, Georgia	0.1461658711%
GA177	Paulding County, Georgia	1.7495211188%
GA178	Peach County, Georgia	0.2319656673%
GA179	Peachtree City, Georgia	0.2219833492%
GA180	Peachtree Corners City, Georgia	0.2099400952%
GA181	Perry City, Georgia	0.0954580908%
GA182	Pickens County, Georgia	0.3905362384%
GA183	Pierce County, Georgia	0.2012068205%
GA184	Pike County, Georgia	0.1072270653%
GA185	Polk County, Georgia	0.7130941429%
GA186	Pooler City, Georgia	0.0516303360%
GA187	Powder Springs City, Georgia	0.0633430906%
GA188	Pulaski County, Georgia	0.1671565625%
GA189	Putnam County, Georgia	0.2061208707%
GA190	Rabun County, Georgia	0.3170130000%
GA191	Randolph County, Georgia	0.0382245100%

GA192	Richmond Hill City, Georgia	0.0716382402%
GA193	Riverdale City, Georgia	0.0684460876%
GA194	Rockdale County, Georgia	0.7947696030%
GA195	Rome City, Georgia	0.3719383578%
GA196	Roswell City, Georgia	0.2174642134%
GA197	Sandy Springs City, Georgia	0.2590143480%
GA198	Savannah City, Georgia	1.1246685243%
GA199	Schley County, Georgia	0.0238356678%
GA200	Screven County, Georgia	0.1132053955%
GA201	Seminole County, Georgia	0.0804817769%
GA202	Smyrna City, Georgia	0.2661908888%
GA203	Snellville City, Georgia	0.0758688840%
GA204	Spalding County, Georgia	0.5900646014%
GA205	Springfield City, Georgia	0.0124802329%
GA206	St. Marys City, Georgia	0.0962803562%
GA207	Statesboro City, Georgia	0.1844690660%
GA208	Stephens County, Georgia	0.7520555284%
GA209	Stewart County, Georgia	0.0419742764%
GA210	Stockbridge City, Georgia	0.0302698888%
GA211	Sugar Hill City, Georgia	0.0106058369%
GA212	Sumter County, Georgia	0.1314426325%
GA213	Suwanee City, Georgia	0.0700562332%
GA214	Talbot County, Georgia	0.0410357316%
GA215	Taliaferro County, Georgia	0.0068637499%
GA216	Tattnall County, Georgia	0.2930768128%
GA217	Taylor County, Georgia	0.0819435502%
GA218	Telfair County, Georgia	0.1855378735%
GA219	Terrell County, Georgia	0.0334710962%
GA220	Thomas County, Georgia	0.2077911904%
GA221	Thomasville City, Georgia	0.1281973547%
GA222	Tift County, Georgia	0.2088288220%
GA223	Tifton City, Georgia	0.1416502311%
GA224	Toombs County, Georgia	0.2423104056%
GA225	Towns County, Georgia	0.2454408368%
GA226	Treutlen County, Georgia	0.0571447522%
GA227	Troup County, Georgia	0.4334095739%
GA228	Tucker City, Georgia	0.0615225648%
GA229	Turner County, Georgia	0.0697951920%
GA230	Twiggs County, Georgia	0.0640416265%
GA231	Union City, Georgia	0.1531538090%
GA232	Union County, Georgia	0.2949759089%
GA233	Upson County, Georgia	0.3355566667%
GA234	Valdosta City, Georgia	0.2598246932%
GA235	Vidalia City, Georgia	0.1252530050%
GA236	Villa Rica City, Georgia	0.1397113628%
GA237	Walker County, Georgia	0.8453605309%
GA238	Walton County, Georgia	0.8194381956%
GA239	Ware County, Georgia	0.5170078559%
GA240	Warner Robins City, Georgia	0.3969845574%

GA241	Warren County, Georgia	0.0447828045%
GA242	Warwick City, Georgia	0.0103298381%
GA243	Washington County, Georgia	0.1959988913%
GA244	Waycross City, Georgia	0.1358274367%
GA245	Wayne County, Georgia	0.6609347902%
GA246	Webster County Unified Government, Georgia	0.0143656323%
GA247	Wheeler County, Georgia	0.0675300652%
GA248	White County, Georgia	0.4351939380%
GA249	Whitfield County, Georgia	0.7644288806%
GA250	Wilcox County, Georgia	0.0828696590%
GA251	Wilkes County, Georgia	0.0976306068%
GA252	Wilkinson County, Georgia	0.0847297279%
GA253	Winder City, Georgia	0.2007720766%
GA254	Woodbury City, Georgia	0.0085236394%
GA255	Woodstock City, Georgia	0.1942956763%
GA256	Worth County, Georgia	0.1491832321%

Allocations are subject to change pursuant to a State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution.

HI1	Hawaii County, Hawaii	18.2671692501%
HI2	Kalawao, Hawaii	0.0034501514%
HI3	Kauai County, Hawaii	5.7006273580%
HI4	Maui County, Hawaii	13.9979969296%
HI5	Urban Honolulu CDP, Hawaii	62.0307563109%

ID1	Ada County, Idaho	13.2776278333%
ID2	Adams County, Idaho	0.1446831902%
ID3	Ammon City, Idaho	0.0812916024%
ID4	Bannock County, Idaho	3.0595589832%
ID5	Bear Lake County, Idaho	0.6082712041%
ID6	Benewah County, Idaho	0.6526829809%
ID7	Bingham County, Idaho	1.6421270812%
ID8	Blackfoot City, Idaho	0.6283857401%
ID9	Blaine County, Idaho	0.9137717551%
ID10	Boise City, Idaho	12.7586409110%
ID11	Boise County, Idaho	0.3309644652%
ID12	Bonner County, Idaho	2.5987361786%
ID13	Bonneville County, Idaho	3.7761253875%
ID14	Boundary County, Idaho	0.8788284447%
ID15	Burley City, Idaho	0.4485975363%
ID16	Butte County, Idaho	0.1839745518%
ID17	Caldwell City, Idaho	1.1958553249%
ID18	Camas County, Idaho	0.0422073443%
ID19	Canyon County, Idaho	5.0120113688%
ID20	Caribou County, Idaho	0.4396183832%
ID21	Cassia County, Idaho	0.7270235866%
ID22	Chubbuck City, Idaho	0.4841935447%
ID23	Clark County, Idaho	0.0420924425%
ID24	Clearwater County, Idaho	0.4890418390%
ID25	Coeur D'Alene City, Idaho	2.7593778237%
ID26	Custer County, Idaho	0.2133243878%
ID27	Eagle City, Idaho	0.1711876661%
ID28	Elmore County, Idaho	0.8899512165%
ID29	Franklin County, Idaho	0.5753624958%
ID30	Fremont County, Idaho	0.5716071696%
ID31	Garden City, Idaho	0.5582782838%
ID32	Gem County, Idaho	1.3784025725%
ID33	Gooding County, Idaho	0.6966472013%
ID34	Hayden City, Idaho	0.0047132146%
ID35	Idaho County, Idaho	0.8474305547%
ID36	Idaho Falls City, Idaho	3.8875027578%
ID37	Jefferson County, Idaho	0.9842670749%
ID38	Jerome City, Idaho	0.4169017424%
ID39	Jerome County, Idaho	0.6223444291%
ID40	Kootenai County, Idaho	5.6394798565%
ID41	Kuna City, Idaho	0.1849461724%
ID42	Latah County, Idaho	1.2943861166%
ID43	Lemhi County, Idaho	0.4880814284%
ID44	Lewis County, Idaho	0.2882543555%
ID45	Lewiston City, Idaho	2.0176549375%
ID46	Lincoln County, Idaho	0.1930184422%
ID47	Madison County, Idaho	1.2748404845%
ID48	Meridian City, Idaho	2.4045650754%
ID49	Minidoka County, Idaho	0.9140620922%

ID50	Moscow City, Idaho	0.6590552650%
ID51	Mountain Home City, Idaho	0.5706694591%
ID52	Nampa City, Idaho	3.3274647954%
ID53	Nez Perce County, Idaho	1.2765833482%
ID54	Oneida County, Idaho	0.2371656647%
ID55	Owyhee County, Idaho	0.5554298409%
ID56	Payette County, Idaho	1.2750728102%
ID57	Pocatello City, Idaho	2.9494898116%
ID58	Post Falls City, Idaho	0.6781328826%
ID59	Power County, Idaho	0.3505171035%
ID60	Preston City, Idaho	0.1496220047%
ID61	Rexburg City, Idaho	0.1336231941%
ID62	Shoshone County, Idaho	1.2841091340%
ID63	Star City, Idaho	0.0001322772%
ID64	Teton County, Idaho	0.4258195211%
ID65	Twin Falls City, Idaho	1.8245765222%
ID66	Twin Falls County, Idaho	3.3104301873%
ID67	Valley County, Idaho	0.8074710814%
ID68	Washington County, Idaho	0.4917358652%

IL1	Adams County, Illinois	0.2888223923%
IL2	Addison Township, Illinois	0.0038980830%
IL3	Addison Village, Illinois	0.1789163143%
IL4	Alexander County, Illinois	0.0378665703%
IL5	Algonquin Township, Illinois	0.0022237840%
IL6	Algonquin Village, Illinois	0.1102023571%
IL7	Alsip Village, Illinois	0.0804730187%
IL8	Alton City, Illinois	0.4280511636%
IL9	Alton Township, Illinois	0.0062877996%
IL10	Anna City, Illinois	0.0351784549%
IL11	Antioch Township, Illinois	0.0009191460%
IL12	Antioch Village, Illinois	0.0635563388%
IL13	Arlington Heights Village, Illinois	0.2647476580%
IL14	Aurora City, Illinois	1.1285112945%
IL15	Aurora Township, Illinois	0.0301108613%
IL16	Aux Sable Township, Illinois	0.0005108321%
IL17	Avon Township, Illinois	0.0015693001%
IL18	Barrington Village, Illinois	0.0749306299%
IL19	Bartlett Village, Illinois	0.1012637420%
IL20	Batavia City, Illinois	0.1232572616%
IL21	Beach Park Village, Illinois	0.0709728762%
IL22	Bedford Park Village, Illinois	0.0908134228%
IL23	Belleville City, Illinois	0.2800912041%
IL24	Bellwood Village, Illinois	0.0636018022%
IL25	Belvidere City, Illinois	0.1538551860%
IL26	Belvidere Township, Illinois	0.0012472224%
IL27	Bensenville Village, Illinois	0.0698164453%
IL28	Benton City, Illinois	0.0648747331%
IL29	Benton Township, Lake County, Illinois	0.0004595956%
IL30	Berkeley Village, Illinois	0.0152507249%
IL31	Berwyn City, Illinois	0.2349799824%
IL32	Berwyn Township, Illinois	0.0039135983%
IL33	Bloom Township, Illinois	0.0062250618%
IL34	Bloomingdale Township, Illinois	0.0054224158%
IL35	Bloomingdale Village, Illinois	0.0874800244%
IL36	Bloomington City Township, Illinois	0.0170627673%
IL37	Bloomington City, Illinois	0.4210280112%
IL38	Blue Island City, Illinois	0.0451468527%
IL39	Bolingbrook Village, Illinois	0.3965448276%
IL40	Bond County, Illinois	0.1354097531%
IL41	Boone County, Illinois	0.1857825548%
IL42	Bourbonnais Township, Illinois	0.0007881230%
IL43	Bourbonnais Village, Illinois	0.0558859639%
IL44	Bradley Village, Illinois	0.0950639376%
IL45	Bremen Township, Illinois	0.0008805382%
IL46	Bridgeview Village, Illinois	0.0500143261%
IL47	Broadview Village, Illinois	0.0576947589%
IL48	Brookfield Village, Illinois	0.0508215275%
IL49	Brown County, Illinois	0.0306875432%

IL50	Bruce Township, Illinois	0.0008928963%
IL51	Buffalo Grove Village, Illinois	0.2068406914%
IL52	Burbank City, Illinois	0.0690685990%
IL53	Bureau County, Illinois	0.0476091845%
IL54	Burr Ridge Village, Illinois	0.0419287366%
IL55	Cahokia Village, Illinois	0.0836030043%
IL56	Calhoun County, Illinois	0.0375722307%
IL57	Calumet City, Illinois	0.0970812870%
IL58	Calumet Township, Illinois	0.0001284071%
IL59	Campton Hills Village, Illinois	0.0275655408%
IL60	Canton City, Illinois	0.0820538651%
IL61	Canton Township, Illinois	0.0022485003%
IL62	Capital Township, Illinois	0.0149811918%
IL63	Carbondale City, Illinois	0.1954958522%
IL64	Carbondale Township, Illinois	0.0044639854%
IL65	Carol Stream Village, Illinois	0.1407965379%
IL66	Carpentersville Village, Illinois	0.1363950647%
IL67	Carroll County, Illinois	0.0896110775%
IL68	Cary Village, Illinois	0.0570626007%
IL69	Caseyville Township, Illinois	0.0007441028%
IL70	Cass County, Illinois	0.0771891430%
IL71	Centralia City, Illinois	0.0719850238%
IL72	Centralia Township, Illinois	0.0028386679%
IL73	Centreville Township, Illinois	0.0027552732%
IL74	Champaign City Township, Illinois	0.0007413065%
IL75	Champaign City, Illinois	0.4052254107%
IL76	Champaign County, Illinois	0.7867199494%
IL77	Champaign Township, Illinois	0.0000980982%
IL78	Channahon Township, Illinois	0.0001433812%
IL79	Channahon Village, Illinois	0.0567296082%
IL80	Charleston City, Illinois	0.0995585026%
IL81	Charleston Township, Illinois	0.0004933774%
IL82	Chatham Village, Illinois	0.0295989467%
IL83	Cherry Valley Township, Illinois	0.0005782605%
IL84	Chicago City, Illinois	15.6332843102%
IL85	Chicago Heights City, Illinois	0.1217857439%
IL86	Chicago Ridge Village, Illinois	0.0524909103%
IL87	Christian County, Illinois	0.2284950394%
IL88	Clark County, Illinois	0.1644712121%
IL89	Clay County, Illinois	0.0936362597%
IL90	Clinton County, Illinois	0.1943019862%
IL91	Coles County, Illinois	0.1247615688%
IL92	Collinsville City, Illinois	0.3522703495%
IL93	Collinsville Township, Illinois	0.0035801096%
IL94	Coloma Township, Illinois	0.0001118094%
IL95	Columbia City, Illinois	0.0433790110%
IL96	Cook County, Illinois	14.3857624802%
IL97	Cortland Township, Illinois	0.0004724498%
IL98	Country Club Hills City, Illinois	0.0671118224%

IL99	Countryside City, Illinois	0.0301223625%
IL100	Crawford County, Illinois	0.1569938764%
IL101	Crest Hill City, Illinois	0.0526985627%
IL102	Crestwood Village, Illinois	0.0142112001%
IL103	Crete Township, Illinois	0.0005995941%
IL104	Crystal Lake City, Illinois	0.3158354713%
IL105	Cuba Township, Illinois	0.0000224160%
IL106	Cumberland County, Illinois	0.0570281874%
IL107	Danville City, Illinois	0.2559565285%
IL108	Danville Township, Illinois	0.0051367359%
IL109	Darien City, Illinois	0.0902261418%
IL110	De Witt County, Illinois	0.1599714603%
IL111	Decatur City, Illinois	0.4645929351%
IL112	Decatur Township, Illinois	0.0043295346%
IL113	Deerfield Village, Illinois	0.0932320501%
IL114	Dekalb City, Illinois	0.1798256279%
IL115	Dekalb County, Illinois	0.3798574494%
IL116	Dekalb Township, Illinois	0.0026983537%
IL117	Des Plaines City, Illinois	0.2324422843%
IL118	Dixon City, Illinois	0.0928778143%
IL119	Dixon Township, Illinois	0.0012205217%
IL120	Dolton Village, Illinois	0.0603302846%
IL121	Dorr Township, Illinois	0.0004505750%
IL122	Douglas County, Illinois	0.1069846469%
IL123	Douglas Township, Effingham County, Illinois	0.0000906562%
IL124	Downers Grove Township, Illinois	0.0013497857%
IL125	Downers Grove Village, Illinois	0.3224473331%
IL126	Dundee Township, Illinois	0.0009813425%
IL127	Dupage County, Illinois	2.6161997714%
IL128	East Moline City, Illinois	0.0875479039%
IL129	East Peoria City, Illinois	0.2490109525%
IL130	East St. Louis City, Illinois	0.3029578651%
IL131	Edgar County, Illinois	0.1405180293%
IL132	Edwards County, Illinois	0.0682030349%
IL133	Edwardsville City, Illinois	0.2287071119%
IL134	Edwardsville Township, Illinois	0.0014741787%
IL135	Effingham City, Illinois	0.1268902766%
IL136	Effingham County, Illinois	0.1621189307%
IL137	Ela Township, Illinois	0.0090682851%
IL138	Elgin City, Illinois	0.5305768766%
IL139	Elgin Township, Illinois	0.0028839058%
IL140	Elk Grove Township, Illinois	0.0062372846%
IL141	Elk Grove Village, Illinois	0.1757993182%
IL142	Elmhurst City, Illinois	0.2577623917%
IL143	Elmwood Park Village, Illinois	0.0602202342%
IL144	Evanston City, Illinois	0.2696457560%
IL145	Evergreen Park Village, Illinois	0.0597799426%
IL146	Fairview Heights City, Illinois	0.1121410475%

IL147	Fayette County, Illinois	0.1838936576%
IL148	Flagg Township, Illinois	0.0014040442%
IL149	Fondulac Township, Illinois	0.0006431181%
IL150	Ford County, Illinois	0.1115951707%
IL151	Forest Park Village, Illinois	0.0453425079%
IL152	Fox Lake Village, Illinois	0.0630233162%
IL153	Frankfort Township, Will County, Illinois	0.0004301436%
IL154	Frankfort Village, Illinois	0.0673884818%
IL155	Franklin County, Illinois	0.3406006814%
IL156	Franklin Park Village, Illinois	0.0785284649%
IL157	Freeport City, Illinois	0.0999016884%
IL158	Freeport Township, Illinois	0.0064044800%
IL159	Fremont Township, Illinois	0.0010312711%
IL160	Fulton County, Illinois	0.2358510040%
IL161	Galesburg City Township, Illinois	0.0008294369%
IL162	Galesburg City, Illinois	0.1473738962%
IL163	Gallatin County, Illinois	0.0650151375%
IL164	Geneva City, Illinois	0.0883298478%
IL165	Geneva Township, Illinois	0.0003004285%
IL166	Glen Carbon Village, Illinois	0.0731670278%
IL167	Glen Ellyn Village, Illinois	0.1026185792%
IL168	Glendale Heights Village, Illinois	0.0836866697%
IL169	Glenview Village, Illinois	0.1572220054%
IL170	Godfrey Township, Illinois	0.0014140118%
IL171	Godfrey Village, Illinois	0.0597791307%
IL172	Grafton Township, Illinois	0.0009156731%
IL173	Granite City Township, Illinois	0.0120340521%
IL174	Granite City, Illinois	0.4907786518%
IL175	Grant Township, Lake County, Illinois	0.0007510035%
IL176	Grayslake Village, Illinois	0.0571222264%
IL177	Greene County, Illinois	0.1348392954%
IL178	Greenwood Township, Illinois	0.0002761633%
IL179	Groveland Township, Illinois	0.0006029317%
IL180	Grundy County, Illinois	0.3802436630%
IL181	Gurnee Village, Illinois	0.2256865903%
IL182	Hamilton County, Illinois	0.0461838068%
IL183	Hancock County, Illinois	0.0864855571%
IL184	Hanover Park Village, Illinois	0.1439424899%
IL185	Hanover Township, Cook County, Illinois	0.0100530103%
IL186	Hardin County, Illinois	0.1047177898%
IL187	Harlem Township, Illinois	0.0013712546%
IL188	Harrisburg City, Illinois	0.1363861795%
IL189	Harrisburg Township, Illinois	0.0018453732%
IL190	Harvey City, Illinois	0.0542520318%
IL191	Harwood Heights Village, Illinois	0.0264961580%
IL192	Hazel Crest Village, Illinois	0.0328924293%
IL193	Henderson County, Illinois	0.0337023368%

IL194	Henry County, Illinois	0.2612811167%
IL195	Herrin City, Illinois	0.1579067080%
IL196	Hickory Hills City, Illinois	0.0299939554%
IL197	Hickory Point Township, Illinois	0.0008317372%
IL198	Highland Park City, Illinois	0.2271774569%
IL199	Hillside Village, Illinois	0.0587648633%
IL200	Hinsdale Village, Illinois	0.0916908489%
IL201	Hodgkins Village, Illinois	0.0232613539%
IL202	Hoffman Estates Village, Illinois	0.1751755942%
IL203	Homer Glen Village, Illinois	0.0469112216%
IL204	Homewood Village, Illinois	0.0501427783%
IL205	Huntley Village, Illinois	0.0524270901%
IL206	Iroquois County, Illinois	0.2807520024%
IL207	Jackson County, Illinois	0.3445573527%
IL208	Jacksonville City, Illinois	0.1116974183%
IL209	Jarvis Township, Illinois	0.0005415470%
IL210	Jasper County, Illinois	0.0661355314%
IL211	Jefferson County, Illinois	0.1817671148%
IL212	Jersey County, Illinois	0.2756349312%
IL213	Jo Daviess County, Illinois	0.1403563816%
IL214	Johnson County, Illinois	0.0829436944%
IL215	Joliet City, Illinois	0.8239848960%
IL216	Joliet Township, Illinois	0.0038451777%
IL217	Justice Village, Illinois	0.0222156950%
IL218	Kane County, Illinois	0.8176130703%
IL219	Kankakee City, Illinois	0.3012693137%
IL220	Kankakee County, Illinois	0.4890037289%
IL221	Kankakee Township, Illinois	0.0039230699%
IL222	Kendall County, Illinois	0.3206091763%
IL223	Kewanee City, Illinois	0.0484121913%
IL224	Knox County, Illinois	0.3018005773%
IL225	La Grange Park Village, Illinois	0.0306665705%
IL226	La Grange Village, Illinois	0.0489381328%
IL227	Lake County, Illinois	2.6259751751%
IL228	Lake Forest City, Illinois	0.1511340104%
IL229	Lake in the Hills Village, Illinois	0.1015964188%
IL230	Lake Villa Township, Illinois	0.0004259490%
IL231	Lake Zurich Village, Illinois	0.1926754509%
IL232	Lansing Village, Illinois	0.0775500541%
IL233	Lasalle County, Illinois	1.1531097603%
IL234	Lawrence County, Illinois	0.1653700620%
IL235	Lee County, Illinois	0.1825689940%
IL236	Lemont Township, Illinois	0.0001161843%
IL237	Lemont Village, Illinois	0.0231572571%
IL238	Leyden Township, Illinois	0.0047085318%
IL239	Libertyville Township, Illinois	0.0017598586%
IL240	Libertyville Village, Illinois	0.1502709269%
IL241	Limestone Township, Peoria County, Illinois	0.0011792979%

IL242	Lincoln City, Illinois	0.0655854600%
IL243	Lincolnwood Village, Illinois	0.0553527158%
IL244	Lindenhurst Village, Illinois	0.0249965865%
IL245	Lisle Township, Illinois	0.0028275726%
IL246	Lisle Village, Illinois	0.0801260444%
IL247	Livingston County, Illinois	0.3523352973%
IL248	Lockport City, Illinois	0.0826388459%
IL249	Lockport Township, Illinois	0.0026329549%
IL250	Logan County, Illinois	0.1508938390%
IL251	Lombard Village, Illinois	0.2672806655%
IL252	Long Creek Township, Illinois	0.0000227768%
IL253	Loves Park City, Illinois	0.0603913084%
IL254	Lyons Township, Illinois	0.0242947899%
IL255	Lyons Village, Illinois	0.0362495516%
IL256	Machesney Park Village, Illinois	0.0567176109%
IL257	Macomb City Township, Illinois	0.0004703751%
IL258	Macomb City, Illinois	0.0564835283%
IL259	Macon County, Illinois	0.3950197281%
IL260	Macoupin County, Illinois	0.3852372432%
IL261	Madison County, Illinois	1.8722976663%
IL262	Mahomet Township, Illinois	0.0000436142%
IL263	Maine Township, Illinois	0.0042498834%
IL264	Manhattan Township, Illinois	0.0001694505%
IL265	Manteno Township, Illinois	0.0001751334%
IL266	Marion City, Illinois	0.3397669146%
IL267	Marion County, Illinois	0.4057459850%
IL268	Markham City, Illinois	0.0380473416%
IL269	Marshall County, Illinois	0.0822533539%
IL270	Mason County, Illinois	0.1285091896%
IL271	Massac County, Illinois	0.0636875874%
IL272	Matteson Village, Illinois	0.0702548878%
IL273	Mattoon City, Illinois	0.1408343339%
IL274	Mattoon Township, Illinois	0.0020198301%
IL275	Maywood Village, Illinois	0.0867531057%
IL276	McCook Village, Illinois	0.0198186268%
IL277	McDonough County, Illinois	0.1352577123%
IL278	McHenry City, Illinois	0.1211162859%
IL279	McHenry County, Illinois	1.5065411411%
IL280	McHenry Township, Illinois	0.0042440651%
IL281	McLean County, Illinois	0.5561192497%
IL282	Medina Township, Illinois	0.0027619935%
IL283	Melrose Park Village, Illinois	0.1186181878%
IL284	Menard County, Illinois	0.0813562631%
IL285	Mercer County, Illinois	0.0972248035%
IL286	Merrionette Park Village, Illinois	0.0076009169%
IL287	Metropolis City, Illinois	0.0947332002%
IL288	Midlothian Village, Illinois	0.0406706896%
IL289	Milton Township, Illinois	0.0050733217%
IL290	Minooka Village, Illinois	0.0596777852%

IL291	Mokena Village, Illinois	0.0573127849%
IL292	Moline City, Illinois	0.2352551083%
IL293	Moline Township, Illinois	0.0021255506%
IL294	Monee Township, Illinois	0.0006126287%
IL295	Monroe County, Illinois	0.1998142464%
IL296	Montgomery County, Illinois	0.2577543184%
IL297	Montgomery Village, Illinois	0.0525907223%
IL298	Moraine Township, Illinois	0.0009976246%
IL299	Morgan County, Illinois	0.1714185471%
IL300	Morris City, Illinois	0.0838389812%
IL301	Morton Grove Village, Illinois	0.1034836472%
IL302	Morton Township, Illinois	0.0001808615%
IL303	Morton Village, Illinois	0.0732964272%
IL304	Moultrie County, Illinois	0.0673647578%
IL305	Mount Prospect Village, Illinois	0.1704792853%
IL306	Mount Vernon City, Illinois	0.1499593581%
IL307	Mundelein Village, Illinois	0.1639685886%
IL308	Nameoki Township, Illinois	0.0012635946%
IL309	Naperville City, Illinois	0.7685669619%
IL310	Naperville Township, Illinois	0.0007679621%
IL311	New Lenox Township, Illinois	0.0033107569%
IL312	New Lenox Village, Illinois	0.0896513993%
IL313	New Trier Township, Illinois	0.0008805382%
IL314	Newell Township, Illinois	0.0004502142%
IL315	Niles Township, Illinois	0.0037851461%
IL316	Niles Village, Illinois	0.1446924560%
IL317	Normal Town, Illinois	0.2474856274%
IL318	Normal Township, Illinois	0.0028460647%
IL319	Norridge Village, Illinois	0.0465655101%
IL320	North Aurora Village, Illinois	0.0468235422%
IL321	North Chicago City, Illinois	0.1275161655%
IL322	North Riverside Village, Illinois	0.0551815063%
IL323	Northbrook Village, Illinois	0.1427173226%
IL324	Northfield Township, Illinois	0.0029902126%
IL325	Northlake City, Illinois	0.0381023667%
IL326	Norwood Park Township, Illinois	0.0000244456%
IL327	Nunda Township, Illinois	0.0006104638%
IL328	Oak Forest City, Illinois	0.0759968556%
IL329	Oak Lawn Village, Illinois	0.1589709041%
IL330	Oak Park Township, Illinois	0.0286302780%
IL331	Oak Park Village, Illinois	0.2093093375%
IL332	O'Fallon City, Illinois	0.1398947564%
IL333	Ogle County, Illinois	0.3365190759%
IL334	Orland Park Village, Illinois	0.1051852784%
IL335	Orland Township, Illinois	0.0048491617%
IL336	Oswego Township, Illinois	0.0001389611%
IL337	Oswego Village, Illinois	0.1197866160%
IL338	Ottawa City, Illinois	0.1652725952%
IL339	Ottawa Township, Illinois	0.0014113508%

IL340	Palatine Township, Illinois	0.0063840485%
IL341	Palatine Village, Illinois	0.2160969641%
IL342	Palos Heights City, Illinois	0.0290094105%
IL343	Palos Hills City, Illinois	0.0251753281%
IL344	Palos Township, Illinois	0.0020179357%
IL345	Park Forest Village, Illinois	0.0840587662%
IL346	Park Ridge City, Illinois	0.1116349061%
IL347	Pekin City, Illinois	0.3387071386%
IL348	Pekin Township, Illinois	0.0001206044%
IL349	Peoria City Township, Illinois	0.0211339541%
IL350	Peoria City, Illinois	1.0471081247%
IL351	Peoria County, Illinois	0.8420753713%
IL352	Perry County, Illinois	0.1986418042%
IL353	Peru Township, Illinois	0.0000575960%
IL354	Piatt County, Illinois	0.1038367555%
IL355	Pike County, Illinois	0.0985397249%
IL356	Plainfield Village, Illinois	0.1401767830%
IL357	Plano City, Illinois	0.0251954890%
IL358	Pontiac City, Illinois	0.0820476409%
IL359	Pontiac Township, Illinois	0.0008416598%
IL360	Pope County, Illinois	0.0387821081%
IL361	Posen Village, Illinois	0.0146759373%
IL362	Princeton City, Illinois	0.2434249044%
IL363	Prospect Heights City, Illinois	0.0204667964%
IL364	Proviso Township, Illinois	0.0309234299%
IL365	Pulaski County, Illinois	0.0365681114%
IL366	Putnam County, Illinois	0.0450191673%
IL367	Quincy City, Illinois	0.2800247680%
IL368	Quincy Township, Illinois	0.0014712470%
IL369	Randolph County, Illinois	0.3747229235%
IL370	Rantoul Township, Illinois	0.0005778095%
IL371	Rantoul Village, Illinois	0.0520880989%
IL372	Rich Township, Illinois	0.0027945575%
IL373	Richland County, Illinois	0.1171915473%
IL374	Richton Park Village, Illinois	0.0312964284%
IL375	River Forest Township, Illinois	0.0018589491%
IL376	River Forest Village, Illinois	0.0488586169%
IL377	River Grove Village, Illinois	0.0284407118%
IL378	Riverdale Village, Illinois	0.0390135296%
IL379	Riverside Township, Illinois	0.0028495827%
IL380	Riverside Village, Illinois	0.0269914748%
IL381	Rock Island City, Illinois	0.2048536960%
IL382	Rock Island County, Illinois	0.4477190124%
IL383	Rock Island Township, Illinois	0.0012090205%
IL384	Rockford City, Illinois	1.8636718829%
IL385	Rockford Township, Illinois	0.0222707202%
IL386	Rockton Township, Illinois	0.0013382395%
IL387	Rolling Meadows City, Illinois	0.1143438589%
IL388	Romeoville Village, Illinois	0.2124235372%

IL389	Roscoe Township, Illinois	0.0001321506%
IL390	Roscoe Village, Illinois	0.0285983454%
IL391	Roselle Village, Illinois	0.0882981406%
IL392	Round Lake Beach Village, Illinois	0.0718399287%
IL393	Round Lake Village, Illinois	0.0341657210%
IL394	Rutland Township, Kane County, Illinois	0.0000200256%
IL395	Saline County, Illinois	0.3157094095%
IL396	Sangamon County, Illinois	0.6566424069%
IL397	Sauk Village, Illinois	0.0225886936%
IL398	Schaumburg Township, Illinois	0.0137097493%
IL399	Schaumburg Village, Illinois	0.2968023515%
IL400	Schiller Park Village, Illinois	0.0601957886%
IL401	Schuyler County, Illinois	0.0371428539%
IL402	Scott County, Illinois	0.0254366526%
IL403	Sesser City, Illinois	0.0116834244%
IL404	Shelby County, Illinois	0.1305766480%
IL405	Shiloh Valley Township, Illinois	0.0000402315%
IL406	Shiloh Village, Illinois	0.0381714188%
IL407	Shorewood Village, Illinois	0.0493356672%
IL408	Skokie Village, Illinois	0.1964801264%
IL409	South Elgin Village, Illinois	0.0529218206%
IL410	South Holland Village, Illinois	0.0587832201%
IL411	South Moline Township, Illinois	0.0015892806%
IL412	South Rock Island Township, Illinois	0.0012188078%
IL413	Springfield City, Illinois	0.9971442684%
IL414	St Clair County, Illinois	1.2964187840%
IL415	St. Charles City, Illinois	0.2062203952%
IL416	Stark County, Illinois	0.0288234074%
IL417	Stephenson County, Illinois	0.2577976169%
IL418	Sterling City, Illinois	0.3656157148%
IL419	Sterling Township, Illinois	0.0004940540%
IL420	Stickney Township, Illinois	0.0300061782%
IL421	Stone Park Village, Illinois	0.0241358032%
IL422	Streamwood Village, Illinois	0.0878171213%
IL423	Streator City, Illinois	0.1400665973%
IL424	Sugar Grove Township, Illinois	0.0009713297%
IL425	Summit Village, Illinois	0.0312780717%
IL426	Swansea Village, Illinois	0.0555074177%
IL427	Sycamore City, Illinois	0.0541938945%
IL428	Sycamore Township, Illinois	0.0007813576%
IL429	Taylorville City, Illinois	0.0807847228%
IL430	Taylorville Township, Illinois	0.0017106517%
IL431	Tazewell County, Illinois	0.5138073664%
IL432	Thornton Township, Illinois	0.0526926993%
IL433	Tinley Park Village, Illinois	0.1419492253%
IL434	Troy City, Illinois	0.0729865272%
IL435	Troy Township, Illinois	0.0004431782%
IL436	Union County, Illinois	0.1406335371%
IL437	Urbana City, Illinois	0.2112740522%

IL438	Vermilion County, Illinois	0.6460041902%
IL439	Vernon Hills Village, Illinois	0.1010624040%
IL440	Villa Park Village, Illinois	0.0997444607%
IL441	Wabash County, Illinois	0.0958447089%
IL442	Warren County, Illinois	0.1030681169%
IL443	Warren Township, Lake County, Illinois	0.0012778471%
IL444	Warrenville City, Illinois	0.0688157538%
IL445	Washington City, Illinois	0.0740199632%
IL446	Washington County, Illinois	0.1031463699%
IL447	Washington Township, Tazewell County, Illinois	0.0003215816%
IL448	Waterloo City, Illinois	0.0240175893%
IL449	Wauconda Township, Illinois	0.0012666616%
IL450	Wauconda Village, Illinois	0.0595994871%
IL451	Waukegan City, Illinois	0.4111769252%
IL452	Waukegan Township, Illinois	0.0196161612%
IL453	Wayne County, Illinois	0.1098885782%
IL454	Wayne Township, Illinois	0.0022690220%
IL455	West Chicago City, Illinois	0.0985343126%
IL456	West Frankfort City, Illinois	0.1255886605%
IL457	Westchester Village, Illinois	0.0602936162%
IL458	Western Springs Village, Illinois	0.0268752905%
IL459	Westmont Village, Illinois	0.1490930723%
IL460	Wheatland Township, Illinois	0.0000651733%
IL461	Wheaton City, Illinois	0.2463124635%
IL462	Wheeling Township, Illinois	0.0078149287%
IL463	Wheeling Village, Illinois	0.1229353643%
IL464	White County, Illinois	0.1227040781%
IL465	Whiteside County, Illinois	0.0430104324%
IL466	Will County, Illinois	2.7064530198%
IL467	Williamson County, Illinois	0.5140162817%
IL468	Wilmette Village, Illinois	0.1102957195%
IL469	Winfield Township, Illinois	0.0006981433%
IL470	Winnebago County, Illinois	1.8332085447%
IL471	Winnetka Village, Illinois	0.0646107926%
IL472	Wood Dale City, Illinois	0.0565745905%
IL473	Wood River City, Illinois	0.1092090173%
IL474	Wood River Township, Illinois	0.0059267532%
IL475	Woodford County, Illinois	0.3174394102%
IL476	Woodridge Village, Illinois	0.1148193757%
IL477	Woodside Township, Illinois	0.0006326092%
IL478	Woodstock City, Illinois	0.0870473100%
IL479	Worth Township, Cook County, Illinois	0.0040664511%
IL480	Worth Village, Illinois	0.0280860700%
IL481	York Township, Dupage County, Illinois	0.0033860782%
IL482	Yorkville City, Illinois	0.0439376969%
IL483	Zion City, Illinois	0.1180331619%
IL484	Zion Township, Illinois	0.0057278958%

IN1	Adams County, Indiana	0.2857910234%
IN2	Advance Town, Indiana	0.0075602978%
IN3	Akron Town, Indiana	0.0162531694%
IN4	Alamo Town, Indiana	0.0009413600%
IN5	Albany Town, Indiana	0.0315943962%
IN6	Albion Town, Indiana	0.0349038651%
IN7	Alexandria City, Indiana	0.0730730728%
IN8	Alfordsville Town, Indiana	0.0014708751%
IN9	Allen County, Indiana	2.0763019377%
IN10	Alton Town, Indiana	0.0007942725%
IN11	Altona Town, Indiana	0.0028976239%
IN12	Ambia Town, Indiana	0.0033388864%
IN13	Amboy Town, Indiana	0.0052657327%
IN14	Amo Town, Indiana	0.0063394715%
IN15	Anderson City, Indiana	0.8055247244%
IN16	Andrews Town, Indiana	0.0167238494%
IN17	Angola City, Indiana	0.1284368099%
IN18	Arcadia Town, Indiana	0.0244459434%
IN19	Argos Town, Indiana	0.0239164284%
IN20	Ashley Town, Indiana	0.0144292843%
IN21	Atlanta Town, Indiana	0.0109580192%
IN22	Attica City, Indiana	0.0476710606%
IN23	Auburn City, Indiana	0.1983327925%
IN24	Aurora City, Indiana	0.0540693671%
IN25	Austin City, Indiana	0.0605706348%
IN26	Avilla Town, Indiana	0.0360952739%
IN27	Avon Town, Indiana	0.2751418880%
IN28	Bainbridge Town, Indiana	0.0109727279%
IN29	Bargersville Town, Indiana	0.1187878695%
IN30	Bartholomew County, Indiana	0.4724744855%
IN31	Batesville City, Indiana	0.0983427062%
IN32	Battle Ground Town, Indiana	0.0290497824%
IN33	Bedford City, Indiana	0.1943320124%
IN34	Beech Grove City, Indiana	0.2197046071%
IN35	Benton County, Indiana	0.0396106653%
IN36	Berne City, Indiana	0.0624680636%
IN37	Bethany Town, Indiana	0.0013090788%
IN38	Beverly Shores Town, Indiana	0.0088105416%
IN39	Bicknell City, Indiana	0.0417728516%
IN40	Birdseye Town, Indiana	0.0061335490%
IN41	Blackford County, Indiana	0.0621885974%
IN42	Bloomfield Town, Indiana	0.0338301263%
IN43	Bloomingdale Town, Indiana	0.0048391789%
IN44	Bloomington City, Indiana	1.2613489042%
IN45	Blountsville Town, Indiana	0.0018827201%
IN46	Bluffton City, Indiana	0.1492496919%
IN47	Boone County, Indiana	0.1646203363%
IN48	Boonville City, Indiana	0.0915913897%
IN49	Borden Town, Indiana	0.0137673905%

IN50	Boston Town, Indiana	0.0019121376%
IN51	Boswell Town, Indiana	0.0113110292%
IN52	Bourbon Town, Indiana	0.0257991485%
IN53	Brazil City, Indiana	0.1175670432%
IN54	Bremen Town, Indiana	0.0658069500%
IN55	Bristol Town, Indiana	0.0248872059%
IN56	Brook Town, Indiana	0.0140468568%
IN57	Brooklyn Town, Indiana	0.0234898746%
IN58	Brooksburg Town, Indiana	0.0011619913%
IN59	Brookston Town, Indiana	0.0225485146%
IN60	Brookville Town, Indiana	0.0371984302%
IN61	Brown County, Indiana	0.2058342553%
IN62	Brownsburg Town, Indiana	0.3971509739%
IN63	Brownstown, Indiana	0.0425377066%
IN64	Bruceville Town, Indiana	0.0069866565%
IN65	Bryant Town, Indiana	0.0036036439%
IN66	Bunker Hill Town, Indiana	0.0125171467%
IN67	Burket Town, Indiana	0.0028682064%
IN68	Burlington Town, Indiana	0.0088840853%
IN69	Burnettsville Town, Indiana	0.0049862664%
IN70	Burns Harbor Town, Indiana	0.0268875960%
IN71	Butler City, Indiana	0.0399783840%
IN72	Cadiz Town, Indiana	0.0020003901%
IN73	Cambridge City Town, Indiana	0.0257403135%
IN74	Camden Town, Indiana	0.0091047166%
IN75	Campbellsburg Town, Indiana	0.0085163666%
IN76	Cannelburg Town, Indiana	0.0024122351%
IN77	Cannelton City, Indiana	0.0217836596%
IN78	Carbon Town, Indiana	0.0055451990%
IN79	Carlisle Town, Indiana	0.0096783579%
IN80	Carmel City, Indiana	1.4865840015%
IN81	Carroll County, Indiana	0.2056577503%
IN82	Carthage Town, Indiana	0.0130760792%
IN83	Cass County, Indiana	0.2485631757%
IN84	Cayuga Town, Indiana	0.0162384606%
IN85	Cedar Grove Town, Indiana	0.0022357301%
IN86	Cedar Lake Town, Indiana	0.1939054586%
IN87	Center Point Town, Indiana	0.0033977214%
IN88	Centerville Town, Indiana	0.0379338677%
IN89	Chalmers Town, Indiana	0.0072514140%
IN90	Chandler Town, Indiana	0.0488036344%
IN91	Charlestown City, Indiana	0.1231122422%
IN92	Chesterfield Town, Indiana	0.0364335751%
IN93	Chesterton Town, Indiana	0.2072168779%
IN94	Chrisney Town, Indiana	0.0069425303%
IN95	Churubusco Town, Indiana	0.0291086174%
IN96	Cicero Town, Indiana	0.0728524415%
IN97	Clark County, Indiana	0.4334668790%
IN98	Clarks Hill Town, Indiana	0.0106932617%

IN99	Clarksville Town, Indiana	0.3170912446%
IN100	Clay City Town, Indiana	0.0121641367%
IN101	Clay County, Indiana	0.2188514996%
IN102	Claypool Town, Indiana	0.0063835977%
IN103	Clayton Town, Indiana	0.0155177318%
IN104	Clear Lake Town, Indiana	0.0050598102%
IN105	Clifford Town, Indiana	0.0036918964%
IN106	Clinton City, Indiana	0.0689252051%
IN107	Clinton County, Indiana	0.1742545679%
IN108	Cloverdale Town, Indiana	0.0315502699%
IN109	Coatesville Town, Indiana	0.0082957353%
IN110	Colfax Town, Indiana	0.0099872416%
IN111	Columbia City, Indiana	0.1358206027%
IN112	Columbus City, Indiana	0.7066966294%
IN113	Connersville City, Indiana	0.1882131722%
IN114	Converse Town, Indiana	0.0179740932%
IN115	Corunna Town, Indiana	0.0037654401%
IN116	Corydon Town, Indiana	0.0470827105%
IN117	Country Club Heights Town, Indiana	0.0011472825%
IN118	Covington City, Indiana	0.0367718764%
IN119	Crandall Town, Indiana	0.0022210213%
IN120	Crane Town, Indiana	0.0026328664%
IN121	Crawford County, Indiana	0.1183760245%
IN122	Crawfordsville City, Indiana	0.2370756415%
IN123	Cromwell Town, Indiana	0.0074867540%
IN124	Crothersville Town, Indiana	0.0227397284%
IN125	Crown Point City, Indiana	0.4484403871%
IN126	Culver Town, Indiana	0.0214894846%
IN127	Cynthiana Town, Indiana	0.0078838903%
IN128	Dale Town, Indiana	0.0219307471%
IN129	Daleville Town, Indiana	0.0242400209%
IN130	Dana Town, Indiana	0.0083839878%
IN131	Danville Town, Indiana	0.1489408082%
IN132	Darlington Town, Indiana	0.0126789430%
IN133	Darmstadt Town, Indiana	0.0210629308%
IN134	Daviess County, Indiana	0.2625659062%
IN135	Dayton Town, Indiana	0.0245341959%
IN136	De Kalb County, Indiana	0.2455478818%
IN137	De Motte Town, Indiana	0.0611736936%
IN138	Dearborn County, Indiana	0.4922871725%
IN139	Decatur City, Indiana	0.1449988630%
IN140	Decatur County, Indiana	0.1492055657%
IN141	Decker Town, Indiana	0.0036330614%
IN142	Delaware County, Indiana	0.4090797706%
IN143	Delphi City, Indiana	0.0427877554%
IN144	Denver Town, Indiana	0.0068689865%
IN145	Dillsboro Town, Indiana	0.0207393383%
IN146	Dublin Town, Indiana	0.0109874367%
IN147	Dubois County, Indiana	0.2578149798%

IN148	Dugger Town, Indiana	0.0128260305%
IN149	Dune Acres Town, Indiana	0.0026769926%
IN150	Dunkirk City, Indiana	0.0331682325%
IN151	Dunreith Town, Indiana	0.0024857788%
IN152	Dupont Town, Indiana	0.0048244702%
IN153	Dyer Town, Indiana	0.2349869989%
IN154	Earl Park Town, Indiana	0.0050451014%
IN155	East Chicago City, Indiana	0.4091533143%
IN156	East Germantown, Indiana	0.0051627714%
IN157	Eaton Town, Indiana	0.0254902647%
IN158	Economy Town, Indiana	0.0025740313%
IN159	Edgewood Town, Indiana	0.0273288585%
IN160	Edinburgh Town, Indiana	0.0675131651%
IN161	Edwardsport Town, Indiana	0.0043684989%
IN162	Elberfeld Town, Indiana	0.0096489404%
IN163	Elizabeth Town, Indiana	0.0030300026%
IN164	Elizabethtown, Indiana	0.0079133078%
IN165	Elkhart City, Indiana	0.7701207618%
IN166	Elkhart County, Indiana	1.5417271074%
IN167	Ellettsville Town, Indiana	0.0992399400%
IN168	Elnora Town, Indiana	0.0099431154%
IN169	Elwood City, Indiana	0.1234652522%
IN170	English Town, Indiana	0.0091929691%
IN171	Etna Green Town, Indiana	0.0086634541%
IN172	Evansville City, Indiana	1.7353236822%
IN173	Fairland Town, Indiana	0.0085163666%
IN174	Fairmount Town, Indiana	0.0407138215%
IN175	Fairview Park Town, Indiana	0.0192978807%
IN176	Farmersburg Town, Indiana	0.0157383631%
IN177	Farmland Town, Indiana	0.0184006469%
IN178	Fayette County, Indiana	0.1515883833%
IN179	Ferdinand Town, Indiana	0.0330505625%
IN180	Fillmore Town, Indiana	0.0078397640%
IN181	Fishers City, Indiana	1.4018910158%
IN182	Flora Town, Indiana	0.0294469186%
IN183	Floyd County, Indiana	0.5480039196%
IN184	Fort Branch Town, Indiana	0.0406844040%
IN185	Fort Wayne City, Indiana	3.9772755687%
IN186	Fortville Town, Indiana	0.0612178198%
IN187	Fountain City Town, Indiana	0.0111198154%
IN188	Fountain County, Indiana	0.1041085365%
IN189	Fowler Town, Indiana	0.0338595438%
IN190	Fowlerton Town, Indiana	0.0037213139%
IN191	Francesville Town, Indiana	0.0117228742%
IN192	Francisco Town, Indiana	0.0081486478%
IN193	Frankfort City, Indiana	0.2336337939%
IN194	Franklin City, Indiana	0.3766616843%
IN195	Franklin County, Indiana	0.2854085959%
IN196	Frankton Town, Indiana	0.0270052660%

IN197	Fremont Town, Indiana	0.0322121637%
IN198	French Lick Town, Indiana	0.0261374497%
IN199	Fulton County, Indiana	0.1758136954%
IN200	Fulton Town, Indiana	0.0048097614%
IN201	Galveston Town, Indiana	0.0185183170%
IN202	Garrett City, Indiana	0.0943272173%
IN203	Gary City, Indiana	1.1013765331%
IN204	Gas City, Indiana	0.0848989082%
IN205	Gaston Town, Indiana	0.0128407392%
IN206	Geneva Town, Indiana	0.0199891920%
IN207	Gentryville Town, Indiana	0.0038978189%
IN208	Georgetown, Indiana	0.0495831981%
IN209	Gibson County, Indiana	0.2161745070%
IN210	Glenwood Town, Indiana	0.0034712651%
IN211	Goodland Town, Indiana	0.0145616631%
IN212	Goshen City, Indiana	0.5032893179%
IN213	Gosport Town, Indiana	0.0117228742%
IN214	Grabill Town, Indiana	0.0169444806%
IN215	Grandview Town, Indiana	0.0105755917%
IN216	Grant County, Indiana	0.2971314700%
IN217	Greencastle City, Indiana	0.1510588682%
IN218	Greendale City, Indiana	0.0638506862%
IN219	Greene County, Indiana	0.2893064148%
IN220	Greenfield City, Indiana	0.3383895154%
IN221	Greens Fork Town, Indiana	0.0056922865%
IN222	Greensboro Town, Indiana	0.0020150988%
IN223	Greensburg City, Indiana	0.1749017529%
IN224	Greentown, Indiana	0.0349185738%
IN225	Greenville Town, Indiana	0.0154588968%
IN226	Greenwood City, Indiana	0.8745528908%
IN227	Griffin Town, Indiana	0.0024857788%
IN228	Griffith Town, Indiana	0.2362225340%
IN229	Hagerstown, Indiana	0.0246077397%
IN230	Hamilton County, Indiana	0.3369480578%
IN231	Hamilton Town, Indiana	0.0232398259%
IN232	Hamlet Town, Indiana	0.0111933592%
IN233	Hammond City, Indiana	1.1108342597%
IN234	Hancock County, Indiana	0.5794071020%
IN235	Hanover Town, Indiana	0.0515100445%
IN236	Hardinsburg Town, Indiana	0.0035153914%
IN237	Harmony Town, Indiana	0.0094283091%
IN238	Harrison County, Indiana	0.5175273884%
IN239	Hartford City, Indiana	0.0832515282%
IN240	Hartsville Town, Indiana	0.0058835002%
IN241	Haubstadt Town, Indiana	0.0249607497%
IN242	Hazleton Town, Indiana	0.0039419451%
IN243	Hebron Town, Indiana	0.0539811146%
IN244	Hendricks County, Indiana	1.0582210590%
IN245	Henry County, Indiana	0.3396250504%

IN246	Highland Town, Indiana	0.3282404775%
IN247	Hillsboro Town, Indiana	0.0073690840%
IN248	Hobart City, Indiana	0.4109477819%
IN249	Holland Town, Indiana	0.0095606879%
IN250	Holton Town, Indiana	0.0066189378%
IN251	Hope Town, Indiana	0.0327710962%
IN252	Howard County, Indiana	0.3093397330%
IN253	Hudson Town, Indiana	0.0075897153%
IN254	Huntertown, Indiana	0.1003725138%
IN255	Huntingburg City, Indiana	0.0907529910%
IN256	Huntington City, Indiana	0.2520785671%
IN257	Huntington County, Indiana	0.2077758104%
IN258	Hymera Town, Indiana	0.0111933592%
IN259	Indian Village Town, Indiana	0.0019856813%
IN260	Indianapolis City, Indiana	13.0829776512%
IN261	Ingalls Town, Indiana	0.0356540114%
IN262	Jackson County, Indiana	0.2814960682%
IN263	Jamestown, Indiana	0.0135908855%
IN264	Jasonville City, Indiana	0.0312119687%
IN265	Jasper City, Indiana	0.2312803938%
IN266	Jasper County, Indiana	0.3167235258%
IN267	Jay County, Indiana	0.1443958042%
IN268	Jefferson County, Indiana	0.2432533167%
IN269	Jeffersonville City, Indiana	0.7078733294%
IN270	Jennings County, Indiana	0.3047064766%
IN271	Johnson County, Indiana	0.6908994313%
IN272	Jonesboro City, Indiana	0.0241664772%
IN273	Jonesville Town, Indiana	0.0028534976%
IN274	Kempton Town, Indiana	0.0045450039%
IN275	Kendallville City, Indiana	0.1455283780%
IN276	Kennard Town, Indiana	0.0065601027%
IN277	Kentland Town, Indiana	0.0245341959%
IN278	Kewanna Town, Indiana	0.0087517066%
IN279	Kingman Town, Indiana	0.0067807340%
IN280	Kingsbury Town, Indiana	0.0035153914%
IN281	Kingsford Heights Town, Indiana	0.0203863283%
IN282	Kirklin Town, Indiana	0.0113551554%
IN283	Knightstown, Indiana	0.0314325999%
IN284	Knightsville Town, Indiana	0.0112816117%
IN285	Knox City, Indiana	0.0521425207%
IN286	Knox County, Indiana	0.2040986228%
IN287	Kokomo City, Indiana	0.8534017075%
IN288	Kosciusko County, Indiana	0.7211112049%
IN289	Kouts Town, Indiana	0.0287997336%
IN290	La Crosse Town, Indiana	0.0075750065%
IN291	La Fontaine Town, Indiana	0.0121788455%
IN292	La Paz Town, Indiana	0.0080751041%
IN293	La Porte City, Indiana	0.3172530408%
IN294	La Porte County, Indiana	0.6563485762%

IN295	Laconia Town, Indiana	0.0007501463%
IN296	Ladoga Town, Indiana	0.0146646243%
IN297	Lafayette City, Indiana	1.0549262989%
IN298	Lagrange County, Indiana	0.5134089383%
IN299	Lagrange Town, Indiana	0.0406402778%
IN300	Lagro Town, Indiana	0.0057511215%
IN301	Lake County, Indiana	0.6176498535%
IN302	Lake Station City, Indiana	0.1742251504%
IN303	Lakeville Town, Indiana	0.0117375829%
IN304	Lanesville Town, Indiana	0.0083104441%
IN305	Lapel Town, Indiana	0.0352715838%
IN306	Larwill Town, Indiana	0.0041772852%
IN307	Laurel Town, Indiana	0.0079721428%
IN308	Lawrence City, Indiana	0.7275242202%
IN309	Lawrence County, Indiana	0.3938267962%
IN310	Lawrenceburg City, Indiana	0.0735584615%
IN311	Leavenworth Town, Indiana	0.0034271389%
IN312	Lebanon City, Indiana	0.2362960777%
IN313	Leesburg Town, Indiana	0.0081192303%
IN314	Leo-Cedarville Town, Indiana	0.0567463597%
IN315	Lewisville Town, Indiana	0.0051480627%
IN316	Liberty Town, Indiana	0.0292115786%
IN317	Ligonier City, Indiana	0.0644096187%
IN318	Linden Town, Indiana	0.0112816117%
IN319	Linton City, Indiana	0.0765443379%
IN320	Little York Town, Indiana	0.0027946626%
IN321	Livonia Town, Indiana	0.0018091763%
IN322	Lizton Town, Indiana	0.0071925790%
IN323	Logansport City, Indiana	0.2586386698%
IN324	Long Beach Town, Indiana	0.0170327331%
IN325	Loogootee City, Indiana	0.0397136265%
IN326	Losantville Town, Indiana	0.0032947601%
IN327	Lowell Town, Indiana	0.1461020193%
IN328	Lynn Town, Indiana	0.0151058868%
IN329	Lynnville Town, Indiana	0.0141204005%
IN330	Lyons Town, Indiana	0.0105314654%
IN331	Mackey Town, Indiana	0.0019415551%
IN332	Macy Town, Indiana	0.0029270414%
IN333	Madison City, Indiana	0.1744604904%
IN334	Madison County, Indiana	0.6472144421%
IN335	Marengo Town, Indiana	0.0118699617%
IN336	Marion City, Indiana	0.4108154031%
IN337	Markle Town, Indiana	0.0160766644%
IN338	Markleville Town, Indiana	0.0075455890%
IN339	Marshall County, Indiana	0.3884875198%
IN340	Marshall Town, Indiana	0.0046626739%
IN341	Martin County, Indiana	0.0964452774%
IN342	Martinsville City, Indiana	0.1716364103%
IN343	Matthews Town, Indiana	0.0082221916%

IN344	Mauckport Town, Indiana	0.0012502438%
IN345	McCordsville Town, Indiana	0.1100067454%
IN346	Mecca Town, Indiana	0.0047950527%
IN347	Medaryville Town, Indiana	0.0083104441%
IN348	Medora Town, Indiana	0.0102372904%
IN349	Mellott Town, Indiana	0.0028387889%
IN350	Mentone Town, Indiana	0.0142380705%
IN351	Merom Town, Indiana	0.0032065076%
IN352	Merrillville Town, Indiana	0.5117468495%
IN353	Miami County, Indiana	0.3147084270%
IN354	Michiana Shores Town, Indiana	0.0043684989%
IN355	Michigan City, Indiana	0.4561918986%
IN356	Michigantown, Indiana	0.0066483553%
IN357	Middlebury Town, Indiana	0.0531427158%
IN358	Middletown, Indiana	0.0329181838%
IN359	Milan Town, Indiana	0.0271817710%
IN360	Milford Town, Indiana	0.0230191946%
IN361	Millersburg Town, Indiana	0.0139880218%
IN362	Millhousen Town, Indiana	0.0019121376%
IN363	Milltown, Indiana	0.0119140880%
IN364	Milton Town, Indiana	0.0065601027%
IN365	Mishawaka City, Indiana	0.7407768044%
IN366	Mitchell City, Indiana	0.0624974811%
IN367	Modoc Town, Indiana	0.0026622839%
IN368	Monon Town, Indiana	0.0256667697%
IN369	Monroe City Town, Indiana	0.0077662203%
IN370	Monroe County, Indiana	0.8226457100%
IN371	Monroe Town, Indiana	0.0129878267%
IN372	Monroeville Town, Indiana	0.0197244345%
IN373	Monrovia Town, Indiana	0.0221219608%
IN374	Monterey Town, Indiana	0.0029564589%
IN375	Montezuma Town, Indiana	0.0145028281%
IN376	Montgomery County, Indiana	0.2439446280%
IN377	Montgomery Town, Indiana	0.0111639417%
IN378	Monticello City, Indiana	0.0771179792%
IN379	Montpelier City, Indiana	0.0243282734%
IN380	Mooreland Town, Indiana	0.0051921889%
IN381	Moores Hill Town, Indiana	0.0090900078%
IN382	Mooresville Town, Indiana	0.1439692505%
IN383	Morgan County, Indiana	0.6498325997%
IN384	Morgantown, Indiana	0.0144734106%
IN385	Morocco Town, Indiana	0.0160913731%
IN386	Morristown, Indiana	0.0197097257%
IN387	Mount Auburn Town, Indiana	0.0015297101%
IN388	Mount Ayr Town, Indiana	0.0017209238%
IN389	Mount Carmel Town, Indiana	0.0010001950%
IN390	Mount Etna Town, Indiana	0.0015444188%
IN391	Mount Summit Town, Indiana	0.0048685964%
IN392	Mount Vernon City, Indiana	0.0956362961%

IN393	Mulberry Town, Indiana	0.0179446757%
IN394	Muncie City, Indiana	1.0001803293%
IN395	Munster Town, Indiana	0.3305938776%
IN396	Napoleon Town, Indiana	0.0033388864%
IN397	Nappanee City, Indiana	0.1006519801%
IN398	Nashville Town, Indiana	0.0161502081%
IN399	New Albany City, Indiana	0.5419144969%
IN400	New Amsterdam Town, Indiana	0.0004118450%
IN401	New Carlisle Town, Indiana	0.0308148324%
IN402	New Castle City, Indiana	0.2517108483%
IN403	New Chicago Town, Indiana	0.0285349761%
IN404	New Harmony Town, Indiana	0.0110756892%
IN405	New Haven City, Indiana	0.2341927264%
IN406	New Market Town, Indiana	0.0091635516%
IN407	New Middletown, Indiana	0.0012796613%
IN408	New Palestine Town, Indiana	0.0376396927%
IN409	New Pekin Town, Indiana	0.0204451633%
IN410	New Point Town, Indiana	0.0050156839%
IN411	New Richmond Town, Indiana	0.0048980139%
IN412	New Ross Town, Indiana	0.0050451014%
IN413	New Whiteland Town, Indiana	0.0917973122%
IN414	Newberry Town, Indiana	0.0027211189%
IN415	Newburgh Town, Indiana	0.0478328568%
IN416	Newport Town, Indiana	0.0070896178%
IN417	Newton County, Indiana	0.1229945722%
IN418	Newtown, Indiana	0.0035742264%
IN419	Noble County, Indiana	0.3779266369%
IN420	Noblesville City, Indiana	0.9511854812%
IN421	North Judson Town, Indiana	0.0251813810%
IN422	North Liberty Town, Indiana	0.0281672573%
IN423	North Manchester Town, Indiana	0.0845311895%
IN424	North Salem Town, Indiana	0.0079133078%
IN425	North Vernon City, Indiana	0.0985780462%
IN426	North Webster Town, Indiana	0.0171798207%
IN427	Oakland City, Indiana	0.0353598363%
IN428	Oaktown, Indiana	0.0087517066%
IN429	Odon Town, Indiana	0.0203716195%
IN430	Ogden Dunes Town, Indiana	0.0160031206%
IN431	Ohio County, Indiana	0.0549518921%
IN432	Oldenburg Town, Indiana	0.0097519016%
IN433	Onward Town, Indiana	0.0014414576%
IN434	Oolitic Town, Indiana	0.0166797231%
IN435	Orange County, Indiana	0.1699743215%
IN436	Orestes Town, Indiana	0.0059423352%
IN437	Orland Town, Indiana	0.0062365102%
IN438	Orleans Town, Indiana	0.0312560949%
IN439	Osceola Town, Indiana	0.0365365364%
IN440	Osgood Town, Indiana	0.0233133696%
IN441	Ossian Town, Indiana	0.0497449944%

IN442	Otterbein Town, Indiana	0.0186065695%
IN443	Owen County, Indiana	0.2610214874%
IN444	Owensville Town, Indiana	0.0198126870%
IN445	Oxford Town, Indiana	0.0169003544%
IN446	Palmyra Town, Indiana	0.0140615655%
IN447	Paoli Town, Indiana	0.0533486383%
IN448	Paragon Town, Indiana	0.0099725329%
IN449	Parke County, Indiana	0.1734897128%
IN450	Parker City Town, Indiana	0.0197685608%
IN451	Patoka Town, Indiana	0.0113551554%
IN452	Patriot Town, Indiana	0.0030741289%
IN453	Pendleton Town, Indiana	0.0642919487%
IN454	Pennville Town, Indiana	0.0099284066%
IN455	Perry County, Indiana	0.1482494969%
IN456	Perrysville Town, Indiana	0.0063688890%
IN457	Peru City, Indiana	0.1621345574%
IN458	Petersburg City, Indiana	0.0340801750%
IN459	Pierceton Town, Indiana	0.0150176343%
IN460	Pike County, Indiana	0.1329671051%
IN461	Pine Village Town, Indiana	0.0029711676%
IN462	Pittsboro Town, Indiana	0.0531574245%
IN463	Plainfield Town, Indiana	0.5190276810%
IN464	Plainville Town, Indiana	0.0073249578%
IN465	Plymouth City, Indiana	0.1468227481%
IN466	Poneto Town, Indiana	0.0028387889%
IN467	Portage City, Indiana	0.5440472657%
IN468	Porter County, Indiana	1.0379376920%
IN469	Porter Town, Indiana	0.0711021002%
IN470	Portland City, Indiana	0.0882819209%
IN471	Posey County, Indiana	0.2416794804%
IN472	Poseyville Town, Indiana	0.0152382656%
IN473	Pottawattamie Park Town, Indiana	0.0032947601%
IN474	Princes Lakes Town, Indiana	0.0197832695%
IN475	Princeton City, Indiana	0.1284515186%
IN476	Pulaski County, Indiana	0.1249949623%
IN477	Putnam County, Indiana	0.3331384914%
IN478	Randolph County, Indiana	0.1698860690%
IN479	Redkey Town, Indiana	0.0188566182%
IN480	Remington Town, Indiana	0.0169886069%
IN481	Rensselaer City, Indiana	0.0859285208%
IN482	Reynolds Town, Indiana	0.0077662203%
IN483	Richland Town, Indiana	0.0057511215%
IN484	Richmond City, Indiana	0.5198366623%
IN485	Ridgeville Town, Indiana	0.0109874367%
IN486	Riley Town, Indiana	0.0031770901%
IN487	Ripley County, Indiana	0.2119825131%
IN488	Rising Sun City, Indiana	0.0314620174%
IN489	River Forest Town, Indiana	0.0003235925%
IN490	Roachdale Town, Indiana	0.0128995742%

IN491	Roann Town, Indiana	0.0066336465%
IN492	Roanoke Town, Indiana	0.0251519635%
IN493	Rochester City, Indiana	0.0881642509%
IN494	Rockport City, Indiana	0.0315355612%
IN495	Rockville Town, Indiana	0.0364482839%
IN496	Rome City Town, Indiana	0.0205481245%
IN497	Rosedale Town, Indiana	0.0103843779%
IN498	Roseland Town, Indiana	0.0093547654%
IN499	Rossville Town, Indiana	0.0227250196%
IN500	Royal Center Town, Indiana	0.0122670980%
IN501	Rush County, Indiana	0.1389682753%
IN502	Rushville City, Indiana	0.0883701734%
IN503	Russellville Town, Indiana	0.0052363152%
IN504	Russiaville Town, Indiana	0.0164590919%
IN505	Salamonia Town, Indiana	0.0023534001%
IN506	Salem City, Indiana	0.0912089622%
IN507	Saltillo Town, Indiana	0.0013384963%
IN508	Sandborn Town, Indiana	0.0059423352%
IN509	Santa Claus Town, Indiana	0.0354627976%
IN510	Saratoga Town, Indiana	0.0034712651%
IN511	Schererville Town, Indiana	0.4195965272%
IN512	Schneider Town, Indiana	0.0038242751%
IN513	Scott County, Indiana	0.1915520585%
IN514	Scottsburg City, Indiana	0.0990193088%
IN515	Seelyville Town, Indiana	0.0148558381%
IN516	Sellersburg Town, Indiana	0.1310255500%
IN517	Selma Town, Indiana	0.0119287967%
IN518	Seymour City, Indiana	0.2935719524%
IN519	Shadeland Town, Indiana	0.0281819661%
IN520	Shamrock Lakes Town, Indiana	0.0031770901%
IN521	Sharpsville Town, Indiana	0.0083398616%
IN522	Shelburn Town, Indiana	0.0179005494%
IN523	Shelby County, Indiana	0.3442288893%
IN524	Shelbyville City, Indiana	0.2854527221%
IN525	Sheridan Town, Indiana	0.0448322717%
IN526	Shipshewana Town, Indiana	0.0106050092%
IN527	Shirley Town, Indiana	0.0130613705%
IN528	Shoals Town, Indiana	0.0116052042%
IN529	Sidney Town, Indiana	0.0011914088%
IN530	Silver Lake Town, Indiana	0.0135761768%
IN531	Somerville Town, Indiana	0.0042508289%
IN532	South Bend City, Indiana	1.5006749846%
IN533	South Whitley Town, Indiana	0.0256079347%
IN534	Southport City, Indiana	0.0260344885%
IN535	Speedway Town, Indiana	0.1793437956%
IN536	Spencer County, Indiana	0.1879042884%
IN537	Spencer Town, Indiana	0.0331829413%
IN538	Spiceland Town, Indiana	0.0138262255%
IN539	Spring Grove Town, Indiana	0.0047362177%

IN540	Spring Lake Town, Indiana	0.0033535951%
IN541	Springport Town, Indiana	0.0020592251%
IN542	Spurgeon Town, Indiana	0.0030005851%
IN543	St Joseph County, Indiana	1.6167270265%
IN544	St. Joe Town, Indiana	0.0069572390%
IN545	St. John Town, Indiana	0.2764656755%
IN546	St. Leon Town, Indiana	0.0097519016%
IN547	St. Paul Town, Indiana	0.0156501106%
IN548	Starke County, Indiana	0.2497104582%
IN549	State Line City Town, Indiana	0.0020445163%
IN550	Staunton Town, Indiana	0.0075014628%
IN551	Steuben County, Indiana	0.3060596816%
IN552	Stilesville Town, Indiana	0.0049568489%
IN553	Stinesville Town, Indiana	0.0032065076%
IN554	Straughn Town, Indiana	0.0031329639%
IN555	Sullivan City, Indiana	0.0602029160%
IN556	Sullivan County, Indiana	0.1732690816%
IN557	Sulphur Springs Town, Indiana	0.0054569465%
IN558	Summitville Town, Indiana	0.0144587018%
IN559	Sunman Town, Indiana	0.0151941393%
IN560	Swayzee Town, Indiana	0.0133996718%
IN561	Sweetser Town, Indiana	0.0162384606%
IN562	Switz City Town, Indiana	0.0042508289%
IN563	Switzerland County, Indiana	0.1308196275%
IN564	Syracuse Town, Indiana	0.0423906191%
IN565	Tell City, Indiana	0.1060648003%
IN566	Tennyson Town, Indiana	0.0044126252%
IN567	Terre Haute City, Indiana	0.8916738764%
IN568	Thorntown, Indiana	0.0231368646%
IN569	Tippecanoe County, Indiana	0.9815002161%
IN570	Tipton City, Indiana	0.0731024903%
IN571	Tipton County, Indiana	0.1253185548%
IN572	Topeka Town, Indiana	0.0180182194%
IN573	Town of Pines Town, Indiana	0.0101637466%
IN574	Trafalgar Town, Indiana	0.0197832695%
IN575	Trail Creek Town, Indiana	0.0292998311%
IN576	Troy Town, Indiana	0.0058540827%
IN577	Ulen Town, Indiana	0.0018533026%
IN578	Union City, Indiana	0.0505981019%
IN579	Union County, Indiana	0.0653362700%
IN580	Uniondale Town, Indiana	0.0046332564%
IN581	Universal Town, Indiana	0.0050598102%
IN582	Upland Town, Indiana	0.0548048046%
IN583	Utica Town, Indiana	0.0137379730%
IN584	Valparaiso City, Indiana	0.4985825177%
IN585	Van Buren Town, Indiana	0.0119435055%
IN586	Vanderburgh County, Indiana	0.9125308847%
IN587	Veedersburg Town, Indiana	0.0301088124%
IN588	Vera Cruz Town, Indiana	0.0012649525%

IN589	Vermillion County, Indiana	0.0965923649%
IN590	Vernon Town, Indiana	0.0046626739%
IN591	Versailles Town, Indiana	0.0306383274%
IN592	Vevay Town, Indiana	0.0242400209%
IN593	Vigo County, Indiana	0.6322115165%
IN594	Vincennes City, Indiana	0.2480189519%
IN595	Wabash City, Indiana	0.1462196893%
IN596	Wabash County, Indiana	0.2005979401%
IN597	Wakarusa Town, Indiana	0.0272111885%
IN598	Walkerton Town, Indiana	0.0331829413%
IN599	Wallace Town, Indiana	0.0012061175%
IN600	Walton Town, Indiana	0.0149293818%
IN601	Wanatah Town, Indiana	0.0147675856%
IN602	Warren County, Indiana	0.0791330780%
IN603	Warren Town, Indiana	0.0178122969%
IN604	Warrick County, Indiana	0.7102120208%
IN605	Warsaw City, Indiana	0.2228375710%
IN606	Washington City, Indiana	0.1842712270%
IN607	Washington County, Indiana	0.2827463120%
IN608	Waterloo Town, Indiana	0.0332270675%
IN609	Waveland Town, Indiana	0.0061482577%
IN610	Wayne County, Indiana	0.3096486168%
IN611	Waynetown, Indiana	0.0141498180%
IN612	Wells County, Indiana	0.1993329876%
IN613	West Baden Springs Town, Indiana	0.0082516091%
IN614	West College Corner Town, Indiana	0.0092076779%
IN615	West Harrison Town, Indiana	0.0041184502%
IN616	West Lafayette City, Indiana	0.7500874435%
IN617	West Lebanon Town, Indiana	0.0101784554%
IN618	West Terre Haute Town, Indiana	0.0324769212%
IN619	Westfield City, Indiana	0.6420222532%
IN620	Westport Town, Indiana	0.0209452608%
IN621	Westville Town, Indiana	0.0862815308%
IN622	Wheatfield Town, Indiana	0.0128407392%
IN623	Wheatland Town, Indiana	0.0069131128%
IN624	White County, Indiana	0.1949203624%
IN625	Whiteland Town, Indiana	0.0666600575%
IN626	Whitestown, Indiana	0.1337319601%
IN627	Whitewater Town, Indiana	0.0010296125%
IN628	Whiting City, Indiana	0.0700871964%
IN629	Whitley County, Indiana	0.3048535641%
IN630	Wilkinson Town, Indiana	0.0066777728%
IN631	Williamsport Town, Indiana	0.0272406060%
IN632	Winamac Town, Indiana	0.0337124563%
IN633	Winchester City, Indiana	0.0686163214%
IN634	Windfall City Town, Indiana	0.0115022429%
IN635	Winfield Town, Indiana	0.0880612896%
IN636	Wingate Town, Indiana	0.0039125276%
IN637	Winona Lake Town, Indiana	0.0721022952%

IN638	Winslow Town, Indiana	0.0121788455%
IN639	Wolcott Town, Indiana	0.0142527793%
IN640	Wolcottville Town, Indiana	0.0153559356%
IN641	Woodburn City, Indiana	0.0241076422%
IN642	Woodlawn Heights Town, Indiana	0.0011178650%
IN643	Worthington Town, Indiana	0.0206952120%
IN644	Yeoman Town, Indiana	0.0020739338%
IN645	Yorktown, Indiana	0.1634289275%
IN646	Zanesville Town, Indiana	0.0091341341%
IN647	Zionsville Town, Indiana	0.4170960396%

IA1	Adair County, Iowa	0.2556947079%
IA2	Adams County, Iowa	0.1116893593%
IA3	Allamakee County, Iowa	0.4458394258%
IA4	Altoona City, Iowa	0.2271292953%
IA5	Ames City, Iowa	1.7060232543%
IA6	Ankeny City, Iowa	0.5840629692%
IA7	Appanoose County, Iowa	0.5319683854%
IA8	Audubon County, Iowa	0.1208233165%
IA9	Benton County, Iowa	0.5189931402%
IA10	Bettendorf City, Iowa	0.8351246683%
IA11	Black Hawk County, Iowa	1.4597147645%
IA12	Boone City, Iowa	0.0585610511%
IA13	Boone County, Iowa	0.7643570143%
IA14	Bremer County, Iowa	0.1360762814%
IA15	Buchanan County, Iowa	0.3769597212%
IA16	Buena Vista County, Iowa	0.3093288199%
IA17	Burlington City, Iowa	0.7412740274%
IA18	Butler County, Iowa	0.2707550314%
IA19	Calhoun County, Iowa	0.1889747662%
IA20	Carroll County, Iowa	0.6033017832%
IA21	Cass County, Iowa	0.3356690805%
IA22	Cedar County, Iowa	0.3655659943%
IA23	Cedar Falls City, Iowa	0.3889922738%
IA24	Cedar Rapids City, Iowa	2.9326637662%
IA25	Cerro Gordo County, Iowa	1.0177134214%
IA26	Cherokee County, Iowa	0.2378216922%
IA27	Chickasaw County, Iowa	0.2430983347%
IA28	Clarke County, Iowa	0.3045977275%
IA29	Clay County, Iowa	0.0207652003%
IA30	Clayton County, Iowa	0.4574161780%
IA31	Clinton City, Iowa	0.5134206442%
IA32	Clinton County, Iowa	0.9451918014%
IA33	Clive City, Iowa	0.3112994673%
IA34	Coralville City, Iowa	0.2459834677%
IA35	Council Bluffs City, Iowa	1.6465089330%
IA36	Crawford County, Iowa	0.3305363581%
IA37	Dallas County, Iowa	0.9926851094%
IA38	Davenport City, Iowa	4.2711769833%
IA39	Davis County, Iowa	0.1538236474%
IA40	Decatur County, Iowa	0.2531361998%
IA41	Delaware County, Iowa	0.3021379441%
IA42	Des Moines City, Iowa	7.4241865686%
IA43	Des Moines County, Iowa	0.8267324284%
IA44	Dickinson County, Iowa	0.3322460903%
IA45	Dubuque City, Iowa	1.2115558277%
IA46	Dubuque County, Iowa	1.5339066909%
IA47	Emmet County, Iowa	0.1753353731%
IA48	Fairfield City, Iowa	0.0333429825%
IA49	Fayette County, Iowa	0.5284248741%

IA50	Floyd County, Iowa	0.3286208427%
IA51	Fort Dodge City, Iowa	0.5243300432%
IA52	Fort Madison City, Iowa	0.2267513848%
IA53	Franklin County, Iowa	0.2107304188%
IA54	Fremont County, Iowa	0.2048165533%
IA55	Greene County, Iowa	0.3578145033%
IA56	Grimes City, Iowa	0.0740951249%
IA57	Grundy County, Iowa	0.3230832850%
IA58	Guthrie County, Iowa	0.2308465363%
IA59	Hamilton County, Iowa	0.3501841744%
IA60	Hancock County, Iowa	0.1901101001%
IA61	Hardin County, Iowa	0.4490825960%
IA62	Harrison County, Iowa	0.6178184798%
IA63	Henry County, Iowa	0.4451496351%
IA64	Howard County, Iowa	0.1714011300%
IA65	Humboldt County, Iowa	0.1929606154%
IA66	Ida County, Iowa	0.1680400030%
IA67	Indianola City, Iowa	0.2725936185%
IA68	Iowa City, Iowa	1.5748652576%
IA69	Iowa County, Iowa	0.2658620690%
IA70	Jackson County, Iowa	0.5490330125%
IA71	Jasper County, Iowa	0.3568285385%
IA72	Jefferson County, Iowa	0.5394823602%
IA73	Johnson County, Iowa	1.8973270258%
IA74	Johnston City, Iowa	0.2224895553%
IA75	Jones County, Iowa	0.3884579424%
IA76	Keokuk City, Iowa	0.2759060242%
IA77	Keokuk County, Iowa	0.1980680155%
IA78	Kossuth County, Iowa	0.3482728259%
IA79	Le Mars City, Iowa	0.3541517531%
IA80	Lee County, Iowa	0.9560951102%
IA81	Linn County, Iowa	3.9522487898%
IA82	Louisa County, Iowa	0.3358719789%
IA83	Lucas County, Iowa	0.3300459400%
IA84	Lyon County, Iowa	0.1619052891%
IA85	Madison County, Iowa	0.4030765691%
IA86	Mahaska County, Iowa	0.6619077091%
IA87	Marion City, Iowa	0.4437200502%
IA88	Marion County, Iowa	1.0208402375%
IA89	Marshall County, Iowa	0.5394663334%
IA90	Marshalltown City, Iowa	0.4969329796%
IA91	Mason City, Iowa	0.6125988926%
IA92	Mills County, Iowa	0.4947100714%
IA93	Mitchell County, Iowa	0.1895001226%
IA94	Monona County, Iowa	0.4457538430%
IA95	Monroe County, Iowa	0.2157871744%
IA96	Montgomery County, Iowa	0.5309224806%
IA97	Muscatine City, Iowa	0.3991224529%
IA98	Muscatine County, Iowa	0.6616391011%

IA99	Newton City, Iowa	1.3212822324%
IA100	North Liberty City, Iowa	0.1042571209%
IA101	Norwalk City, Iowa	0.1727031420%
IA102	O Brien County, Iowa	0.2348702086%
IA103	Osceola County, Iowa	0.1454256379%
IA104	Oskaloosa City, Iowa	0.0542597958%
IA105	Ottumwa City, Iowa	0.4967291195%
IA106	Page County, Iowa	0.5824102922%
IA107	Palo Alto County, Iowa	0.1665902245%
IA108	Pella City, Iowa	0.1579530961%
IA109	Pleasant Hill City, Iowa	0.1362887959%
IA110	Plymouth County, Iowa	0.0911200057%
IA111	Pocahontas County, Iowa	0.1165515504%
IA112	Polk County, Iowa	12.6229166486%
IA113	Pottawattamie County, Iowa	1.9680770504%
IA114	Poweshiek County, Iowa	0.4746599840%
IA115	Ringgold County, Iowa	0.1195950275%
IA116	Sac County, Iowa	0.2200579790%
IA117	Scott County, Iowa	3.7551090429%
IA118	Shelby County, Iowa	0.2859038225%
IA119	Sioux City, Iowa	1.4764937951%
IA120	Sioux County, Iowa	0.4097180484%
IA121	Spencer City, Iowa	0.2749703834%
IA122	Storm Lake City, Iowa	0.0176281271%
IA123	Story County, Iowa	0.4604776051%
IA124	Tama County, Iowa	0.3449543301%
IA125	Taylor County, Iowa	0.1784400723%
IA126	Union County, Iowa	0.4630325873%
IA127	Urbandale City, Iowa	0.4969387492%
IA128	Van Buren County, Iowa	0.1525758057%
IA129	Wapello County, Iowa	0.5058976945%
IA130	Warren County, Iowa	0.8750395740%
IA131	Washington County, Iowa	0.5543135013%
IA132	Waterloo City, Iowa	1.4936754174%
IA133	Waukee City, Iowa	0.1023201296%
IA134	Waverly City, Iowa	0.5951868059%
IA135	Wayne County, Iowa	0.2439881391%
IA136	Webster County, Iowa	1.0714228590%
IA137	West Des Moines City, Iowa	1.1054614019%
IA138	Winnebago County, Iowa	0.2340557299%
IA139	Winneshiek County, Iowa	0.3674077867%
IA140	Woodbury County, Iowa	1.0897366099%
IA141	Worth County, Iowa	0.2345483918%
IA142	Wright County, Iowa	0.2810502858%

Allocations are subject to change pursuant to a State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution.

KS1	Allen County, Kansas	0.7541791329%
KS2	Anderson County, Kansas	0.2371057884%
KS3	Andover City, Kansas	0.3023298328%
KS4	Arkansas City, Kansas	0.5244164596%
KS5	Atchison City, Kansas	0.2509194126%
KS6	Atchison County, Kansas	0.3718857098%
KS7	Barber County, Kansas	0.2343333783%
KS8	Barton County, Kansas	0.4058838207%
KS9	Bourbon County, Kansas	0.5659958596%
KS10	Brown County, Kansas	0.5618840411%
KS11	Butler County, Kansas	2.1800439960%
KS12	Chase County, Kansas	0.0310115071%
KS13	Chautauqua County, Kansas	0.1534264050%
KS14	Cherokee County, Kansas	1.0387304319%
KS15	Cheyenne County, Kansas	0.0521668496%
KS16	Clark County, Kansas	0.1317865660%
KS17	Clay County, Kansas	0.3853019118%
KS18	Cloud County, Kansas	0.2727657622%
KS19	Coffey County, Kansas	0.3555052548%
KS20	Comanche County, Kansas	0.0703611984%
KS21	Cowley County, Kansas	0.1056381847%
KS22	Crawford County, Kansas	0.8006058270%
KS23	Decatur County, Kansas	0.1024648600%
KS24	Derby City, Kansas	0.2862213106%
KS25	Dickinson County, Kansas	0.5167117764%
KS26	Dodge City, Kansas	0.3763716687%
KS27	Doniphan County, Kansas	0.1428529245%
KS28	Douglas County, Kansas	0.5037148817%
KS29	Edwards County, Kansas	0.0688529961%
KS30	El Dorado City, Kansas	0.5267481432%
KS31	Elk County, Kansas	0.1699851994%
KS32	Ellis County, Kansas	0.3947457539%
KS33	Ellsworth County, Kansas	0.2694567040%
KS34	Emporia City, Kansas	0.1225808979%
KS35	Fairmount Township, Leavenworth County, Kansas	0.0084960354%
KS36	Finney County, Kansas	0.4284130288%
KS37	Ford County, Kansas	0.3536897313%
KS38	Franklin County, Kansas	0.9871549429%
KS39	Garden City, Kansas	0.3090040586%
KS40	Gardner City, Kansas	0.1783885728%
KS41	Geary County, Kansas	0.9138741928%
KS42	Gove County, Kansas	0.0596145005%
KS43	Graham County, Kansas	0.0885576425%
KS44	Grant County, Kansas	0.1121093922%
KS45	Gray County, Kansas	0.1198536546%
KS46	Great Bend City, Kansas	0.2626213674%
KS47	Greeley County Unified Government, Kansas	0.0420764688%

KS48	Greenwood County, Kansas	0.3634446197%
KS49	Hamilton County, Kansas	0.0770093484%
KS50	Harper County, Kansas	0.2751873139%
KS51	Harvey County, Kansas	0.4874526988%
KS52	Haskell County, Kansas	0.0589027724%
KS53	Hays City, Kansas	0.2857030552%
KS54	Haysville City, Kansas	0.1161439147%
KS55	Hodgeman County, Kansas	0.0381949084%
KS56	Hutchinson City, Kansas	1.0312608960%
KS57	Jackson County, Kansas	0.2794465069%
KS58	Jefferson County, Kansas	0.4227008116%
KS59	Jewell County, Kansas	0.0576553276%
KS60	Johnson County, Kansas	9.6645678744%
KS61	Junction City, Kansas	0.1775769654%
KS62	Kansas City, Kansas	5.4520371502%
KS63	Kearny County, Kansas	0.0660370488%
KS64	Kingman County, Kansas	0.2734092742%
KS65	Kiowa County, Kansas	0.0632464788%
KS66	Labette County, Kansas	1.1704308548%
KS67	Lane County, Kansas	0.0275778907%
KS68	Lansing City, Kansas	0.7133352086%
KS69	Lawrence City, Kansas	3.1638042033%
KS70	Leavenworth City, Kansas	0.5951890494%
KS71	Leavenworth County, Kansas	2.3340801542%
KS72	Leawood City, Kansas	0.5645735676%
KS73	Lenexa City, Kansas	0.9811139852%
KS74	Liberal City, Kansas	0.0682108809%
KS75	Lincoln County, Kansas	0.0485423215%
KS76	Linn County, Kansas	0.4207125363%
KS77	Logan County, Kansas	0.1082727658%
KS78	Lyon County, Kansas	0.6750909426%
KS79	Manhattan City, Kansas	0.7992480259%
KS80	Manter City, Kansas	0.0001287490%
KS81	Marion County, Kansas	0.2585495937%
KS82	Marshall County, Kansas	0.2276721904%
KS83	McPherson City, Kansas	0.2496279649%
KS84	McPherson County, Kansas	0.5097593318%
KS85	Meade County, Kansas	0.0768717523%
KS86	Merriam City, Kansas	0.2489320686%
KS87	Miami County, Kansas	1.2663765466%
KS88	Mitchell County, Kansas	0.1352292623%
KS89	Montgomery County, Kansas	1.7112175254%
KS90	Morris County, Kansas	0.1150743437%
KS91	Morton County, Kansas	0.2184327635%
KS92	Nemaha County, Kansas	0.2032897421%
KS93	Neosho County, Kansas	0.8310848768%
KS94	Ness County, Kansas	0.0706191619%
KS95	Newton City, Kansas	0.5433840008%
KS96	Norton County, Kansas	0.1451450288%

KS97	Olathe City, Kansas	1.6762201549%
KS98	Osage County, Kansas	0.5950568081%
KS99	Osborne County, Kansas	0.1578979290%
KS100	Ottawa City, Kansas	0.0294988813%
KS101	Ottawa County, Kansas	0.1312957833%
KS102	Overland Park City, Kansas	2.3687103690%
KS103	Pawnee County, Kansas	0.1939706911%
KS104	Phillips County, Kansas	0.1221045499%
KS105	Pittsburg City, Kansas	0.7147952173%
KS106	Pottawatomie County, Kansas	0.4594243031%
KS107	Prairie Village City, Kansas	0.2589451534%
KS108	Pratt County, Kansas	0.4619825196%
KS109	Rawlins County, Kansas	0.0431218266%
KS110	Reno County, Kansas	1.1279702345%
KS111	Republic County, Kansas	0.1617978822%
KS112	Rice County, Kansas	0.2959259100%
KS113	Riley County, Kansas	1.0426785786%
KS114	Rooks County, Kansas	0.1523482196%
KS115	Rush County, Kansas	0.0753160549%
KS116	Russell County, Kansas	0.2146389759%
KS117	Salina City, Kansas	1.3339667317%
KS118	Saline County, Kansas	0.6611290126%
KS119	Scott County, Kansas	0.0944435428%
KS120	Sedgwick County, Kansas	13.5321956939%
KS121	Seward County, Kansas	0.4105201807%
KS122	Shawnee City, Kansas	0.8209928663%
KS123	Shawnee County, Kansas	3.0388576303%
KS124	Sheridan County, Kansas	0.0529819493%
KS125	Sherman County, Kansas	0.2106519484%
KS126	Smith County, Kansas	0.1047138927%
KS127	Soldier Township, Kansas	0.0214428740%
KS128	Stafford County, Kansas	0.0781264146%
KS129	Stanton County, Kansas	0.0490733819%
KS130	Stevens County, Kansas	0.0751535472%
KS131	Sumner County, Kansas	1.0773462773%
KS132	Thomas County, Kansas	0.2518295026%
KS133	Topeka City, Kansas	2.9773291238%
KS134	Trego County, Kansas	0.0832973273%
KS135	Ulysses City, Kansas	0.0249593741%
KS136	Wabaunsee County, Kansas	0.1542554739%
KS137	Wallace County, Kansas	0.0168456276%
KS138	Washington County, Kansas	0.1090452597%
KS139	Wichita City, Kansas	8.2621190275%
KS140	Wichita County, Kansas	0.0516844483%
KS141	Wilson County, Kansas	0.5342588881%
KS142	Winfield City, Kansas	0.6854926025%
KS143	Woodson County, Kansas	0.2011950685%

KY1	Adair County, Kentucky	0.2072149972%
KY2	Allen County, Kentucky	0.3652932746%
KY3	Anderson County, Kentucky	0.3621159370%
KY4	Ashland City, Kentucky	0.9834499202%
KY5	Ballard County, Kentucky	0.1275818571%
KY6	Bardstown City, Kentucky	0.2352870373%
KY7	Barren County, Kentucky	0.3822164065%
KY8	Bath County, Kentucky	0.2721522696%
KY9	Bell County, Kentucky	1.6046449783%
KY10	Bellefonte City, Kentucky	0.0232546060%
KY11	Benham City, Kentucky	0.0026848062%
KY12	Berea City, Kentucky	0.1673960319%
KY13	Boone County, Kentucky	2.2416599391%
KY14	Bourbon County, Kentucky	0.3912683808%
KY15	Bowling Green City, Kentucky	0.6707865957%
KY16	Boyd County, Kentucky	1.0191273378%
KY17	Boyle County, Kentucky	0.3790292999%
KY18	Bracken County, Kentucky	0.1275577166%
KY19	Breathitt County, Kentucky	0.5390554414%
KY20	Breckinridge County, Kentucky	0.3244963382%
KY21	Buckhorn City, Kentucky	0.0016578966%
KY22	Bullitt County, Kentucky	0.9402858081%
KY23	Butler County, Kentucky	0.2691739265%
KY24	Caldwell County, Kentucky	0.2485303902%
KY25	Calloway County, Kentucky	0.0270405279%
KY26	Campbell County, Kentucky	1.8009538340%
KY27	Campbellsville City, Kentucky	0.2769609681%
KY28	Carlisle County, Kentucky	0.0604084438%
KY29	Carroll County, Kentucky	0.3429114361%
KY30	Carter County, Kentucky	0.6015849596%
KY31	Casey County, Kentucky	0.2668572392%
KY32	Christian County, Kentucky	0.4386166388%
KY33	Clark County, Kentucky	0.6110238861%
KY34	Clay County, Kentucky	0.7834161044%
KY35	Clinton County, Kentucky	0.5184782680%
KY36	Columbia City, Kentucky	0.0941274300%
KY37	Covington City, Kentucky	1.7146827203%
KY38	Crittenden County, Kentucky	0.2010231527%
KY39	Cumberland County, Kentucky	0.1857249004%
KY40	Danville City, Kentucky	0.2799464970%
KY41	Daviess County, Kentucky	1.1263935276%
KY42	Edmonson County, Kentucky	0.1884368528%
KY43	Elizabethtown City, Kentucky	0.0550593556%
KY44	Elliott County, Kentucky	0.1458221479%
KY45	Erlanger City, Kentucky	0.3397777298%
KY46	Estill County, Kentucky	0.4817186620%
KY47	Fleming County, Kentucky	0.2798388981%
KY48	Florence City, Kentucky	0.7389020512%
KY49	Floyd County, Kentucky	2.2122610651%

KY50	Fort Thomas City, Kentucky	0.3651296923%
KY51	Frankfort City, Kentucky	0.4254271088%
KY52	Franklin County, Kentucky	0.4438483122%
KY53	Fulton County, Kentucky	0.1040009320%
KY54	Gallatin County, Kentucky	0.2347861459%
KY55	Garrard County, Kentucky	0.3127117464%
KY56	Georgetown City, Kentucky	0.2129888920%
KY57	Glasgow City, Kentucky	0.4100978120%
KY58	Grant County, Kentucky	0.8983127984%
KY59	Graves County, Kentucky	0.5377248503%
KY60	Grayson City, Kentucky	0.1405700912%
KY61	Grayson County, Kentucky	0.5506751829%
KY62	Green County, Kentucky	0.1363993307%
KY63	Greenup City, Kentucky	0.0314549006%
KY64	Greenup County, Kentucky	0.6818493215%
KY65	Hancock County, Kentucky	0.1001482246%
KY66	Hardin County, Kentucky	1.5735944542%
KY67	Harlan City, Kentucky	0.0307714057%
KY68	Harlan County, Kentucky	0.8841679348%
KY69	Harrison County, Kentucky	0.4508521033%
KY70	Hart County, Kentucky	0.2333469695%
KY71	Henderson City, Kentucky	0.5644511762%
KY72	Henderson County, Kentucky	0.3796057595%
KY73	Henry County, Kentucky	0.2263086115%
KY74	Hickman County, Kentucky	0.0533625713%
KY75	Hillview City, Kentucky	0.0559482324%
KY76	Hopkins County, Kentucky	0.5493362318%
KY77	Hopkinsville City, Kentucky	0.5662686160%
KY78	Hyden City, Kentucky	0.0208586871%
KY79	Independence City, Kentucky	0.1255237640%
KY80	Inez City, Kentucky	0.0105691141%
KY81	Jackson County, Kentucky	0.1930879337%
KY82	Jamestown City, Kentucky	0.0102921092%
KY83	Jefferson County, Kentucky	14.4939132925%
KY84	Jeffersontown City, Kentucky	0.1981991396%
KY85	Jenkins City, Kentucky	0.0688654541%
KY86	Jessamine County, Kentucky	0.6407795601%
KY87	Johnson County, Kentucky	0.6400798620%
KY88	Kenton County, Kentucky	3.0353062046%
KY89	Knott County, Kentucky	0.4760255015%
KY90	Knox County, Kentucky	0.8791225282%
KY91	Larue County, Kentucky	0.1917133825%
KY92	Laurel County, Kentucky	0.9215642107%
KY93	Lawrence County, Kentucky	0.5341168353%
KY94	Lawrenceburg City, Kentucky	0.0804801232%
KY95	Lee County, Kentucky	0.3684164606%
KY96	Leslie County, Kentucky	0.5316878055%
KY97	Letcher County, Kentucky	0.5820426330%
KY98	Lewis County, Kentucky	0.2152456979%

KY99	Lexington-Fayette Urban County, Kentucky	6.2597070666%
KY100	Lincoln County, Kentucky	0.4844988089%
KY101	Livingston County, Kentucky	0.2056037847%
KY102	Logan County, Kentucky	0.4041639043%
KY103	London City, Kentucky	0.1961505806%
KY104	Loyall City, Kentucky	0.0033160280%
KY105	Lynch City, Kentucky	0.0027455331%
KY106	Lyndon City, Kentucky	0.0748780766%
KY107	Lyon County, Kentucky	0.1367346673%
KY108	Madison County, Kentucky	1.1073052673%
KY109	Madisonville City, Kentucky	0.3927355489%
KY110	Magoffin County, Kentucky	0.3084779576%
KY111	Manchester City, Kentucky	0.1800397241%
KY112	Marion County, Kentucky	0.3140811783%
KY113	Marshall County, Kentucky	0.6110803392%
KY114	Martin County, Kentucky	0.4586073959%
KY115	Mason County, Kentucky	0.3538044741%
KY116	McCracken County, Kentucky	0.3377504933%
KY117	McCreary County, Kentucky	0.3011869230%
KY118	McLean County, Kentucky	0.1433881867%
KY119	Meade County, Kentucky	0.3762152436%
KY120	Menifee County, Kentucky	0.1152561711%
KY121	Mercer County, Kentucky	0.4275256395%
KY122	Metcalfe County, Kentucky	0.1167070889%
KY123	Monroe County, Kentucky	0.2890192303%
KY124	Montgomery County, Kentucky	0.7103789505%
KY125	Morehead City, Kentucky	0.1176937487%
KY126	Morgan County, Kentucky	0.0505889526%
KY127	Morganfield City, Kentucky	0.1082087956%
KY128	Mount Washington City, Kentucky	0.0667863672%
KY129	Muhlenberg County, Kentucky	0.6182711015%
KY130	Murray City, Kentucky	0.5765962314%
KY131	Nelson County, Kentucky	0.4816564321%
KY132	Newport City, Kentucky	0.7312996326%
KY133	Nicholas County, Kentucky	0.1324383199%
KY134	Nicholasville City, Kentucky	0.3723153354%
KY135	Ohio County, Kentucky	0.4467150643%
KY136	Oldham County, Kentucky	0.8061439877%
KY137	Owen County, Kentucky	0.2198857418%
KY138	Owensboro City, Kentucky	0.5118319344%
KY139	Owsley County, Kentucky	0.1294761331%
KY140	Paducah City, Kentucky	1.1041080161%
KY141	Paintsville City, Kentucky	0.3642660363%
KY142	Pendleton County, Kentucky	0.3094900729%
KY143	Perry County, Kentucky	1.7685462770%
KY144	Pike County, Kentucky	2.8526994649%
KY145	Pineville City, Kentucky	0.0736606264%
KY146	Pippa Passes City, Kentucky	0.0150639864%

KY147	Powell County, Kentucky	0.5788951657%
KY148	Prestonsburg City, Kentucky	0.4197933602%
KY149	Pulaski County, Kentucky	0.8723902940%
KY150	Radcliff City, Kentucky	0.0391427032%
KY151	Richmond City, Kentucky	0.5069051167%
KY152	Robertson County, Kentucky	0.0346199801%
KY153	Rockcastle County, Kentucky	0.5575756021%
KY154	Rowan County, Kentucky	0.4245058255%
KY155	Russell City, Kentucky	0.1455248537%
KY156	Russell County, Kentucky	0.5341152854%
KY157	Russell Springs City, Kentucky	0.0155036343%
KY158	Scott County, Kentucky	0.6332443967%
KY159	Shelby County, Kentucky	0.5093783884%
KY160	Shelbyville City, Kentucky	0.1168374662%
KY161	Shepherdsville City, Kentucky	0.1717991328%
KY162	Shively City, Kentucky	0.1040826057%
KY163	Simpson County, Kentucky	0.3109188228%
KY164	Somerset City, Kentucky	0.3108498299%
KY165	South Shore City, Kentucky	0.0058748246%
KY166	Spencer County, Kentucky	0.2447695951%
KY167	St. Matthews City, Kentucky	0.1131834246%
KY168	Taylor County, Kentucky	0.1908446071%
KY169	Todd County, Kentucky	0.1788746408%
KY170	Trigg County, Kentucky	0.2047738501%
KY171	Trimble County, Kentucky	0.1174427629%
KY172	Union County, Kentucky	0.2531192882%
KY173	Vanceburg City, Kentucky	0.0340027072%
KY174	Warfield City, Kentucky	0.0001148786%
KY175	Warren County, Kentucky	0.9893070387%
KY176	Washington County, Kentucky	0.1549834119%
KY177	Wayne County, Kentucky	0.3477965951%
KY178	Webster County, Kentucky	0.2371207742%
KY179	West Liberty City, Kentucky	0.1691975502%
KY180	Whitesburg City, Kentucky	0.0507126138%
KY181	Whitley County, Kentucky	2.0341464266%
KY182	Winchester City, Kentucky	0.4646999075%
KY183	Wolfe County, Kentucky	0.2600699609%
KY184	Woodford County, Kentucky	0.4375495264%
KY185	Worthington City, Kentucky	0.0263144349%

LA1	Abbeville City, Louisiana	0.0679280538%
LA2	Acadia Parish, Louisiana	1.2194829459%
LA3	Alexandria City, Louisiana	1.2024783767%
LA4	Allen Parish, Louisiana	0.4559894283%
LA5	Ascension Parish, Louisiana	1.9267662149%
LA6	Assumption Parish, Louisiana	0.3666421439%
LA7	Avoyelles Parish, Louisiana	0.8404458488%
LA8	Baker City, Louisiana	0.1117452518%
LA9	Baldwin Town, Louisiana	0.0108418974%
LA10	Bastrop City, Louisiana	0.0578782632%
LA11	Baton Rouge City, Louisiana	8.9366637967%
LA12	Beauregard Parish, Louisiana	0.5966957728%
LA13	Berwick Town, Louisiana	0.0285604806%
LA14	Bienville Parish, Louisiana	0.1954851558%
LA15	Bogalusa City, Louisiana	0.3158250558%
LA16	Bossier City, Louisiana	0.7790225688%
LA17	Bossier Parish, Louisiana	1.0230735201%
LA18	Broussard City, Louisiana	0.0918011427%
LA19	Caddo Parish, Louisiana	2.1447099889%
LA20	Calcasieu Parish, Louisiana	2.9021241601%
LA21	Caldwell Parish, Louisiana	0.1927546033%
LA22	Cameron Parish, Louisiana	0.1030184405%
LA23	Catahoula Parish, Louisiana	0.2156692517%
LA24	Central City, Louisiana	0.0033763047%
LA25	Claiborne Parish, Louisiana	0.2771007770%
LA26	Concordia Parish, Louisiana	0.3162569050%
LA27	Covington City, Louisiana	0.3214341011%
LA28	Crowley City, Louisiana	0.3391756761%
LA29	De Soto Parish, Louisiana	0.3484008543%
LA30	Delhi Town, Louisiana	0.0031539979%
LA31	Deridder City, Louisiana	0.0636668030%
LA32	Donaldsonville City, Louisiana	0.0694578006%
LA33	East Carroll Parish, Louisiana	0.0759082662%
LA34	East Feliciana Parish, Louisiana	0.2588380813%
LA35	Eunice City, Louisiana	0.0643741573%
LA36	Evangeline Parish, Louisiana	0.7892359182%
LA37	Ferriday Town, Louisiana	0.0108372990%
LA38	Franklin City, Louisiana	0.0440106462%
LA39	Franklin Parish, Louisiana	0.2693308999%
LA40	Gonzales City, Louisiana	0.2760446611%
LA41	Gramercy Town, Louisiana	0.0042935185%
LA42	Grant Parish, Louisiana	0.3383245042%
LA43	Gretna City, Louisiana	0.2064625462%
LA44	Hammond City, Louisiana	0.1932291063%
LA45	Houma City, Louisiana	2.3145771376%
LA46	Iberia Parish, Louisiana	1.1914468366%
LA47	Iberville Parish, Louisiana	0.6981774104%
LA48	Jackson Parish, Louisiana	0.2373772275%
LA49	Jean Lafitte Town, Louisiana	0.0069018975%

LA50	Jefferson Davis Parish, Louisiana	0.6931288890%
LA51	Jefferson Parish, Louisiana	12.5267142795%
LA52	Kenner City, Louisiana	0.3494002836%
LA53	Lafayette City, Louisiana	4.9816398190%
LA54	Lafourche Parish, Louisiana	1.7353719328%
LA55	Lake Charles City, Louisiana	0.8843967956%
LA56	Lake Providence Town, Louisiana	0.0035291605%
LA57	Lasalle Parish, Louisiana	0.3542600344%
LA58	Lincoln Parish, Louisiana	0.2831101174%
LA59	Livingston Parish, Louisiana	4.9708979756%
LA60	Lutcher Town, Louisiana	0.0011958109%
LA61	Madison Parish, Louisiana	0.1244317250%
LA62	Madisonville Town, Louisiana	0.0204192464%
LA63	Mandeville City, Louisiana	0.2436336107%
LA64	Minden City, Louisiana	0.1701763486%
LA65	Monroe City, Louisiana	0.9030903893%
LA66	Morehouse Parish, Louisiana	0.3887749921%
LA67	Morgan City, Louisiana	0.1587706766%
LA68	Natchitoches City, Louisiana	0.0900119850%
LA69	Natchitoches Parish, Louisiana	0.4124570906%
LA70	New Iberia City, Louisiana	0.1237419713%
LA71	New Orleans City, Louisiana	6.2932349310%
LA72	New Roads City, Louisiana	0.0181635932%
LA73	Opelousas City, Louisiana	0.1465652868%
LA74	Ouachita Parish, Louisiana	1.3360541743%
LA75	Patterson City, Louisiana	0.0445643519%
LA76	Pearl River Town, Louisiana	0.0360604817%
LA77	Pineville City, Louisiana	0.3789523446%
LA78	Plaquemines Parish, Louisiana	0.4622832326%
LA79	Pointe Coupee Parish, Louisiana	0.3684600016%
LA80	Rapides Parish, Louisiana	1.6733137622%
LA81	Red River Parish, Louisiana	0.1329356745%
LA82	Richland Parish, Louisiana	0.2398346534%
LA83	Richwood Town, Louisiana	0.0069336896%
LA84	Ruston City, Louisiana	0.2333598483%
LA85	Sabine Parish, Louisiana	0.3520961106%
LA86	Shreveport City, Louisiana	2.3555619849%
LA87	Slidell City, Louisiana	0.7374368429%
LA88	St Bernard Parish, Louisiana	1.7675407766%
LA89	St Charles Parish, Louisiana	1.1729990173%
LA90	St Helena Parish, Louisiana	0.1965552254%
LA91	St James Parish, Louisiana	0.2806541978%
LA92	St John The Baptist Parish, Louisiana	0.7886407480%
LA93	St Landry Parish, Louisiana	1.6440093783%
LA94	St Martin Parish, Louisiana	0.8378956629%
LA95	St Mary Parish, Louisiana	0.7690259764%
LA96	St Tammany Parish, Louisiana	6.4722256182%
LA97	Sulphur City, Louisiana	0.2386884731%
LA98	Tangipahoa Parish, Louisiana	3.2718516436%

LA99	Tensas Parish, Louisiana	0.0558435690%
LA100	Thibodaux City, Louisiana	0.0818006655%
LA101	Union Parish, Louisiana	0.3100839266%
LA102	Vermilion Parish, Louisiana	0.8951866840%
LA103	Vernon Parish, Louisiana	0.8881699862%
LA104	Washington Parish, Louisiana	1.3862825140%
LA105	Webster Parish, Louisiana	0.5482428750%
LA106	West Baton Rouge Parish, Louisiana	0.5291991719%
LA107	West Carroll Parish, Louisiana	0.1549450807%
LA108	West Feliciana Parish, Louisiana	0.2173436090%
LA109	West Monroe City, Louisiana	0.1730443762%
LA110	Westwego City, Louisiana	0.0854037168%
LA111	Winn Parish, Louisiana	0.3134526202%
LA112	Youngsville City, Louisiana	0.0435751500%
LA113	Zachary City, Louisiana	0.1353795432%

ME1	Androscoggin County, Maine	1.6799535986%
ME2	Aroostook County, Maine	4.0537116218%
ME3	Auburn City, Maine	2.6283332826%
ME4	Augusta City, Maine	3.6779545807%
ME5	Bangor City, Maine	5.2042873123%
ME6	Biddeford City, Maine	2.7393997300%
ME7	Brunswick Town, Maine	1.6113929261%
ME8	Calais City, Maine	0.8369049504%
ME9	Cumberland County, Maine	3.5025701951%
ME10	Falmouth Town, Maine	1.2353278939%
ME11	Franklin County, Maine	1.9717572454%
ME12	Gorham Town, Maine	1.4582940317%
ME13	Hancock County, Maine	3.8494340111%
ME14	Kennebec County, Maine	4.9959268385%
ME15	Kennebunk Town, Maine	0.2185679049%
ME16	Knox County, Maine	2.1010369789%
ME17	Lewiston City, Maine	4.3451006968%
ME18	Lincoln County, Maine	2.1621727981%
ME19	Orono Town, Maine	0.2094180830%
ME20	Oxford County, Maine	3.8454418782%
ME21	Penobscot County, Maine	6.7801027597%
ME22	Piscataquis County, Maine	1.2760851978%
ME23	Portland City, Maine	7.2016026249%
ME24	Rockland City, Maine	0.6184398003%
ME25	Saco City, Maine	0.4366518238%
ME26	Sagadahoc County, Maine	1.9708146889%
ME27	Sanford City, Maine	2.6908215844%
ME28	Scarborough Town, Maine	1.8363769930%
ME29	Somerset County, Maine	3.6977198467%
ME30	South Portland City, Maine	2.2275994495%
ME31	Standish Town, Maine	0.0664145731%
ME32	Waldo County, Maine	2.4723925078%
ME33	Washington County, Maine	2.6998574469%
ME34	Waterville City, Maine	2.8132809688%
ME35	Wells Town, Maine	0.2541311729%
ME36	Westbrook City, Maine	1.5416150467%
ME37	Windham Town, Maine	0.1935482073%
ME38	York County, Maine	6.7950503019%
ME39	York Town, Maine	2.1005084476%

MD1	Aberdeen City, Maryland	0.0372796529%
MD2	Allegany County, Maryland	1.6120411494%
MD3	Annapolis City, Maryland	0.2413230958%
MD4	Anne Arundel County, Maryland	9.5850095156%
MD5	Baltimore City, Maryland	20.9970334354%
MD6	Baltimore County, Maryland	17.7565394434%
MD7	Bel Air Town, Maryland	0.0322364280%
MD8	Berlin Town, Maryland	0.0109236186%
MD9	Bowie City, Maryland	0.0263270946%
MD10	Calvert County, Maryland	1.6948343688%
MD11	Cambridge City, Maryland	0.0196746185%
MD12	Caroline County, Maryland	0.5865017850%
MD13	Carroll County, Maryland	2.9605563001%
MD14	Cecil County, Maryland	3.7958577634%
MD15	Charles County, Maryland	1.9663409179%
MD16	Charlestown, Maryland	0.0013846587%
MD17	College Park City, Maryland	0.0050334845%
MD18	Cottage City Town, Maryland	0.0015972023%
MD19	Cumberland City, Maryland	0.1627132426%
MD20	Dorchester County, Maryland	0.3951913125%
MD21	Easton Town, Maryland	0.0630108370%
MD22	Elkton Town, Maryland	0.0884110160%
MD23	Forest Heights Town, Maryland	0.0014812182%
MD24	Frederick City, Maryland	0.1530889274%
MD25	Frederick County, Maryland	3.4957333212%
MD26	Frostburg City, Maryland	0.0194678741%
MD27	Gaithersburg City, Maryland	0.0243966914%
MD28	Garrett County, Maryland	0.3513434690%
MD29	Grantsville Town, Maryland	0.0002207076%
MD30	Greenbelt City, Maryland	0.0369938028%
MD31	Hagerstown City, Maryland	0.1829328174%
MD32	Harford County, Maryland	5.1958110720%
MD33	Havre De Grace City, Maryland	0.0458009931%
MD34	Howard County, Maryland	3.2487213744%
MD35	Hyattsville City, Maryland	0.0127377562%
MD36	Kent County, Maryland	0.4683852152%
MD37	Laurel City, Maryland	0.0300516480%
MD38	Montgomery County, Maryland	8.5574378958%
MD39	Mountain Lake Park Town, Maryland	0.0001004445%
MD40	New Carrollton City, Maryland	0.0062727689%
MD41	North Brentwood Town, Maryland	0.0000662686%
MD42	North East Town, Maryland	0.0183814522%
MD43	Oakland Town, Maryland	0.0011777453%
MD44	Perryville Town, Maryland	0.0184160785%
MD45	Prince Georges County, Maryland	7.1382650655%
MD46	Queen Annes County, Maryland	0.7381792535%
MD47	Rockville City, Maryland	0.0611045878%
MD48	Salisbury City, Maryland	0.1347806691%
MD49	Seat Pleasant City, Maryland	0.0040128808%

MD50	Somerset County, Maryland	0.3875128839%
MD51	St Marys County, Maryland	1.3684562511%
MD52	Takoma Park City, Maryland	0.0195596479%
MD53	Talbot County, Maryland	0.4896824850%
MD54	Upper Marlboro Town, Maryland	0.0009443695%
MD55	Vienna Town, Maryland	0.0001582676%
MD56	Washington County, Maryland	3.0474490505%
MD57	Westminster City, Maryland	0.0440087573%
MD58	Wicomico County, Maryland	1.6694422411%
MD59	Worcester County, Maryland	0.9876031064%

MA1	Abington Town, Massachusetts	0.2400899791%
MA2	Acton Town, Massachusetts	0.1586479343%
MA3	Acushnet Town, Massachusetts	0.1547305792%
MA4	Adams Town, Massachusetts	0.0189731986%
MA5	Agawam Town City, Massachusetts	0.4341901730%
MA6	Alford Town, Massachusetts	0.0007449491%
MA7	Amesbury Town City, Massachusetts	0.2580959424%
MA8	Amherst Town, Massachusetts	0.3675897982%
MA9	Andover Town, Massachusetts	0.7102727131%
MA10	Aquinnah Town, Massachusetts	0.0049293930%
MA11	Arlington Town, Massachusetts	0.3350233330%
MA12	Ashburnham Town, Massachusetts	0.0140160133%
MA13	Ashby Town, Massachusetts	0.0069876989%
MA14	Ashfield Town, Massachusetts	0.0027296132%
MA15	Ashland Town, Massachusetts	0.1613930923%
MA16	Athol Town, Massachusetts	0.0359559233%
MA17	Attleboro City, Massachusetts	0.9357205930%
MA18	Auburn Town, Massachusetts	0.3036683195%
MA19	Avon Town, Massachusetts	0.0739889948%
MA20	Ayer Town, Massachusetts	0.0179210686%
MA21	Barnstable County, Massachusetts	0.0639482242%
MA22	Barnstable Town City, Massachusetts	0.8578313582%
MA23	Barre Town, Massachusetts	0.0096522017%
MA24	Becket Town, Massachusetts	0.0067279376%
MA25	Bedford Town, Massachusetts	0.1982937972%
MA26	Belchertown, Massachusetts	0.3492785905%
MA27	Bellingham Town, Massachusetts	0.1961076781%
MA28	Belmont Town, Massachusetts	0.2420315678%
MA29	Berkley Town, Massachusetts	0.1212759115%
MA30	Berlin Town, Massachusetts	0.0397753511%
MA31	Bernardston Town, Massachusetts	0.0040751589%
MA32	Beverly City, Massachusetts	0.4801566147%
MA33	Billerica Town, Massachusetts	0.3870913124%
MA34	Blackstone Town, Massachusetts	0.0221473318%
MA35	Blandford Town, Massachusetts	0.0009007116%
MA36	Bolton Town, Massachusetts	0.0110088433%
MA37	Boston City, Massachusetts	10.5767780349%
MA38	Bourne Town, Massachusetts	0.3783946742%
MA39	Boxborough Town, Massachusetts	0.0399298051%
MA40	Boxford Town, Massachusetts	0.0912309051%
MA41	Boylston Town, Massachusetts	0.0562367737%
MA42	Braintree Town City, Massachusetts	0.4457226214%
MA43	Brewster Town, Massachusetts	0.1284470083%
MA44	Bridgewater Town, Massachusetts	0.0570448443%
MA45	Brimfield Town, Massachusetts	0.0355644757%
MA46	Bristol County, Massachusetts	0.1015083030%
MA47	Brockton City, Massachusetts	2.1170344615%
MA48	Brookfield Town, Massachusetts	0.0372953453%
MA49	Brookline Town, Massachusetts	0.8244968622%

MA50	Buckland Town, Massachusetts	0.0031396937%
MA51	Burlington Town, Massachusetts	0.3034752912%
MA52	Cambridge City, Massachusetts	4.3053779748%
MA53	Canton Town, Massachusetts	0.2909840866%
MA54	Carlisle Town, Massachusetts	0.0526144568%
MA55	Carver Town, Massachusetts	0.2179547901%
MA56	Charlemont Town, Massachusetts	0.0066765925%
MA57	Charlton Town, Massachusetts	0.0305379405%
MA58	Chatham Town, Massachusetts	0.1685335181%
MA59	Chelmsford Town, Massachusetts	0.3162632088%
MA60	Chelsea City, Massachusetts	0.5236031155%
MA61	Cheshire Town, Massachusetts	0.0015830626%
MA62	Chester Town, Massachusetts	0.0096828727%
MA63	Chesterfield Town, Massachusetts	0.0168042468%
MA64	Chicopee City, Massachusetts	0.8816952708%
MA65	Chilmark Town, Massachusetts	0.0062328576%
MA66	Clarksburg Town, Massachusetts	0.0303920178%
MA67	Clinton Town, Massachusetts	0.2371744557%
MA68	Cohasset Town, Massachusetts	0.1430861241%
MA69	Colrain Town, Massachusetts	0.0016018525%
MA70	Concord Town, Massachusetts	0.1749597704%
MA71	Conway Town, Massachusetts	0.0354590115%
MA72	Cummington Town, Massachusetts	0.0009757143%
MA73	Dalton Town, Massachusetts	0.0123034626%
MA74	Danvers Town, Massachusetts	0.4037368656%
MA75	Dartmouth Town, Massachusetts	0.5505881937%
MA76	Dedham Town, Massachusetts	0.3188835370%
MA77	Deerfield Town, Massachusetts	0.0872700035%
MA78	Dennis Town, Massachusetts	0.0970183530%
MA79	Dighton Town, Massachusetts	0.0228752705%
MA80	Douglas Town, Massachusetts	0.1659192613%
MA81	Dover Town, Massachusetts	0.0683428114%
MA82	Dracut Town, Massachusetts	0.2045887296%
MA83	Dudley Town, Massachusetts	0.0179390734%
MA84	Dukes County, Massachusetts	0.0054256244%
MA85	Dunstable Town, Massachusetts	0.0041607864%
MA86	Duxbury Town, Massachusetts	0.3742011756%
MA87	East Bridgewater Town, Massachusetts	0.2308047825%
MA88	East Brookfield Town, Massachusetts	0.0052365739%
MA89	East Longmeadow Town, Massachusetts	0.2715713403%
MA90	Eastham Town, Massachusetts	0.0786916528%
MA91	Easthampton Town City, Massachusetts	0.2670463228%
MA92	Easton Town, Massachusetts	0.5676857515%
MA93	Edgartown, Massachusetts	0.0809809332%
MA94	Egremont Town, Massachusetts	0.0050750540%
MA95	Erving Town, Massachusetts	0.0513752128%
MA96	Essex Town, Massachusetts	0.0113333487%
MA97	Everett City, Massachusetts	0.4368228534%
MA98	Fairhaven Town, Massachusetts	0.3265362625%

MA99	Fall River City, Massachusetts	2.1055901006%
MA100	Falmouth Town, Massachusetts	0.6632841320%
MA101	Fitchburg City, Massachusetts	0.6913634212%
MA102	Florida Town, Massachusetts	0.0170875086%
MA103	Foxborough Town, Massachusetts	0.2588100112%
MA104	Framingham Town, Massachusetts	0.6902310022%
MA105	Franklin Town City, Massachusetts	0.4506715894%
MA106	Freetown, Massachusetts	0.0347111837%
MA107	Gardner City, Massachusetts	0.3080580392%
MA108	Georgetown, Massachusetts	0.1361143365%
MA109	Gill Town, Massachusetts	0.0032293514%
MA110	Gloucester City, Massachusetts	0.4219402015%
MA111	Goshen Town, Massachusetts	0.0020598761%
MA112	Gosnold Town, Massachusetts	0.0011645031%
MA113	Grafton Town, Massachusetts	0.2787903277%
MA114	Granby Town, Massachusetts	0.1421420753%
MA115	Granville Town, Massachusetts	0.0205788719%
MA116	Great Barrington Town, Massachusetts	0.0238735954%
MA117	Greenfield Town City, Massachusetts	0.4522917084%
MA118	Groton Town, Massachusetts	0.0112861907%
MA119	Groveland Town, Massachusetts	0.0109548289%
MA120	Hadley Town, Massachusetts	0.1036658447%
MA121	Halifax Town, Massachusetts	0.0744074497%
MA122	Hamilton Town, Massachusetts	0.0148754814%
MA123	Hampden Town, Massachusetts	0.0086441416%
MA124	Hancock Town, Massachusetts	0.0080083205%
MA125	Hanover Town, Massachusetts	0.2979987927%
MA126	Hanson Town, Massachusetts	0.0306151413%
MA127	Hardwick Town, Massachusetts	0.0046489576%
MA128	Harvard Town, Massachusetts	0.1646144358%
MA129	Harwich Town, Massachusetts	0.2864309104%
MA130	Hatfield Town, Massachusetts	0.0627393895%
MA131	Haverhill City, Massachusetts	0.8142937865%
MA132	Hawley Town, Massachusetts	0.0002691301%
MA133	Heath Town, Massachusetts	0.0011790011%
MA134	Hingham Town, Massachusetts	0.4828724626%
MA135	Hinsdale Town, Massachusetts	0.0037015067%
MA136	Holbrook Town, Massachusetts	0.1222501079%
MA137	Holden Town, Massachusetts	0.0343745879%
MA138	Holland Town, Massachusetts	0.0238040885%
MA139	Holliston Town, Massachusetts	0.1672190621%
MA140	Holyoke City, Massachusetts	0.9664659552%
MA141	Hopedale Town, Massachusetts	0.1372305825%
MA142	Hopkinton Town, Massachusetts	0.2027514537%
MA143	Hubbardston Town, Massachusetts	0.0076647112%
MA144	Hudson Town, Massachusetts	0.1994512345%
MA145	Hull Town, Massachusetts	0.1954841045%
MA146	Huntington Town, Massachusetts	0.0026561285%
MA147	Ipswich Town, Massachusetts	0.2079635850%

MA148	Kingston Town, Massachusetts	0.1369378473%
MA149	Lakeville Town, Massachusetts	0.0202228058%
MA150	Lancaster Town, Massachusetts	0.0116656002%
MA151	Lanesborough Town, Massachusetts	0.0575248505%
MA152	Lawrence City, Massachusetts	1.4758837913%
MA153	Lee Town, Massachusetts	0.1519018348%
MA154	Leicester Town, Massachusetts	0.1926291380%
MA155	Lenox Town, Massachusetts	0.1609461124%
MA156	Leominster City, Massachusetts	0.7902530708%
MA157	Leverett Town, Massachusetts	0.0395342227%
MA158	Lexington Town, Massachusetts	0.5090924410%
MA159	Leyden Town, Massachusetts	0.0007689206%
MA160	Lincoln Town, Massachusetts	0.1099619285%
MA161	Littleton Town, Massachusetts	0.1043597104%
MA162	Longmeadow Town, Massachusetts	0.2992108201%
MA163	Lowell City, Massachusetts	1.0242474790%
MA164	Ludlow Town, Massachusetts	0.3042665608%
MA165	Lunenburg Town, Massachusetts	0.1916440550%
MA166	Lynn City, Massachusetts	1.5917595154%
MA167	Lynnfield Town, Massachusetts	0.2333154069%
MA168	Malden City, Massachusetts	0.4659742140%
MA169	Manchester-By-The-Sea Town, Massachusetts	0.0201100664%
MA170	Mansfield Town, Massachusetts	0.6816694002%
MA171	Marblehead Town, Massachusetts	0.3485912672%
MA172	Marion Town, Massachusetts	0.0698025620%
MA173	Marlborough City, Massachusetts	0.3668295136%
MA174	Marshfield Town, Massachusetts	0.4930551259%
MA175	Mashpee Town, Massachusetts	0.3459150927%
MA176	Mattapoisett Town, Massachusetts	0.0843720139%
MA177	Maynard Town, Massachusetts	0.1014940666%
MA178	Medfield Town, Massachusetts	0.2083772770%
MA179	Medford City, Massachusetts	0.3972200658%
MA180	Medway Town, Massachusetts	0.1940731867%
MA181	Melrose City, Massachusetts	0.2296395466%
MA182	Mendon Town, Massachusetts	0.0164096065%
MA183	Merrimac Town, Massachusetts	0.0100336001%
MA184	Methuen Town City, Massachusetts	0.7149217230%
MA185	Middleborough Town, Massachusetts	0.3933419654%
MA186	Middlefield Town, Massachusetts	0.0003252381%
MA187	Middleton Town, Massachusetts	0.0917093411%
MA188	Milford Town, Massachusetts	0.5323916620%
MA189	Millbury Town, Massachusetts	0.2332340712%
MA190	Millis Town, Massachusetts	0.0999797258%
MA191	Millville Town, Massachusetts	0.0062130209%
MA192	Milton Town, Massachusetts	0.3520463069%
MA193	Monroe Town, Massachusetts	0.0001025332%
MA194	Monson Town, Massachusetts	0.1266258006%
MA195	Montague Town, Massachusetts	0.0291412591%

MA196	Monterey Town, Massachusetts	0.0042137017%
MA197	Montgomery Town, Massachusetts	0.0002324400%
MA198	Mt Washington Town, Massachusetts	0.0001746048%
MA199	Nahant Town, Massachusetts	0.0355497159%
MA200	Nantucket Town, Massachusetts	0.1102324194%
MA201	Natick Town, Massachusetts	0.3421702489%
MA202	Needham Town, Massachusetts	0.4914063771%
MA203	New Ashford Town, Massachusetts	0.0002677169%
MA204	New Bedford City, Massachusetts	2.3617391681%
MA205	New Braintree Town, Massachusetts	0.0013480056%
MA206	New Marlborough Town, Massachusetts	0.0032940955%
MA207	New Salem Town, Massachusetts	0.0024476600%
MA208	Newbury Town, Massachusetts	0.0135400372%
MA209	Newburyport City, Massachusetts	0.2905748435%
MA210	Newton City, Massachusetts	1.0088865481%
MA211	Norfolk County, Massachusetts	0.0563017795%
MA212	Norfolk Town, Massachusetts	0.0892988423%
MA213	North Adams City, Massachusetts	0.3428675166%
MA214	North Andover Town, Massachusetts	0.4494773051%
MA215	North Attleborough Town, Massachusetts	0.6369959028%
MA216	North Brookfield Town, Massachusetts	0.0698725924%
MA217	North Reading Town, Massachusetts	0.1664230820%
MA218	Northampton City, Massachusetts	0.5405649568%
MA219	Northborough Town, Massachusetts	0.2422641125%
MA220	Northbridge Town, Massachusetts	0.2823159735%
MA221	Northfield Town, Massachusetts	0.0153010544%
MA222	Norton Town, Massachusetts	0.4563834066%
MA223	Norwell Town, Massachusetts	0.2753854817%
MA224	Norwood Town, Massachusetts	0.3412282413%
MA225	Oak Bluffs Town, Massachusetts	0.0769116887%
MA226	Oakham Town, Massachusetts	0.0026269230%
MA227	Orange Town, Massachusetts	0.1376712816%
MA228	Orleans Town, Massachusetts	0.0935051641%
MA229	Otis Town, Massachusetts	0.0035269019%
MA230	Oxford Town, Massachusetts	0.2336229019%
MA231	Palmer Town City, Massachusetts	0.1621757259%
MA232	Paxton Town, Massachusetts	0.0115100470%
MA233	Peabody City, Massachusetts	0.7162928627%
MA234	Pelham Town, Massachusetts	0.0235476246%
MA235	Pembroke Town, Massachusetts	0.3388218249%
MA236	Pepperell Town, Massachusetts	0.0102363113%
MA237	Peru Town, Massachusetts	0.0011523603%
MA238	Petersham Town, Massachusetts	0.0159775433%
MA239	Phillipston Town, Massachusetts	0.0039835646%
MA240	Pittsfield City, Massachusetts	1.1541979937%
MA241	Plainfield Town, Massachusetts	0.0004986914%
MA242	Plainville Town, Massachusetts	0.0738004154%
MA243	Plymouth County, Massachusetts	0.0008974666%

MA244	Plymouth Town, Massachusetts	1.0727134492%
MA245	Plympton Town, Massachusetts	0.0311939123%
MA246	Princeton Town, Massachusetts	0.0094015998%
MA247	Provincetown, Massachusetts	0.0895015011%
MA248	Quincy City, Massachusetts	1.0277365393%
MA249	Randolph Town, Massachusetts	0.3517891103%
MA250	Raynham Town, Massachusetts	0.0739771661%
MA251	Reading Town, Massachusetts	0.2463903024%
MA252	Rehoboth Town, Massachusetts	0.0342848256%
MA253	Revere City, Massachusetts	0.5754964378%
MA254	Richmond Town, Massachusetts	0.0346755405%
MA255	Rochester Town, Massachusetts	0.0656757963%
MA256	Rockland Town, Massachusetts	0.3048431858%
MA257	Rockport Town, Massachusetts	0.1188536886%
MA258	Rowe Town, Massachusetts	0.0242459391%
MA259	Rowley Town, Massachusetts	0.0134543050%
MA260	Royalston Town, Massachusetts	0.0020739031%
MA261	Russell Town, Massachusetts	0.0012348998%
MA262	Rutland Town, Massachusetts	0.0122272562%
MA263	Salem City, Massachusetts	0.6254547137%
MA264	Salisbury Town, Massachusetts	0.0319290215%
MA265	Sandisfield Town, Massachusetts	0.0020719142%
MA266	Sandwich Town, Massachusetts	0.4944903815%
MA267	Saugus Town, Massachusetts	0.3330802265%
MA268	Savoy Town, Massachusetts	0.0103246605%
MA269	Scituate Town, Massachusetts	0.3938536371%
MA270	Seekonk Town, Massachusetts	0.3325159013%
MA271	Sharon Town, Massachusetts	0.3157804286%
MA272	Sheffield Town, Massachusetts	0.0066580643%
MA273	Shelburne Town, Massachusetts	0.0145706034%
MA274	Sherborn Town, Massachusetts	0.0361347676%
MA275	Shirley Town, Massachusetts	0.0049654026%
MA276	Shrewsbury Town, Massachusetts	0.6471205738%
MA277	Shutesbury Town, Massachusetts	0.0358178516%
MA278	Somerset Town, Massachusetts	0.2943717652%
MA279	Somerville City, Massachusetts	0.5538327759%
MA280	South Hadley Town, Massachusetts	0.3289508962%
MA281	Southampton Town, Massachusetts	0.0773861993%
MA282	Southborough Town, Massachusetts	0.2173688486%
MA283	Southbridge Town City, Massachusetts	0.2906114812%
MA284	Southwick Town, Massachusetts	0.0165255910%
MA285	Spencer Town, Massachusetts	0.0203153945%
MA286	Springfield City, Massachusetts	3.4410224370%
MA287	Sterling Town, Massachusetts	0.0196759620%
MA288	Stockbridge Town, Massachusetts	0.0092305018%
MA289	Stoneham Town, Massachusetts	0.1669780908%
MA290	Stoughton Town, Massachusetts	0.3118943726%
MA291	Stow Town, Massachusetts	0.0087733680%
MA292	Sturbridge Town, Massachusetts	0.1235688557%

MA293	Sudbury Town, Massachusetts	0.1950193814%
MA294	Sunderland Town, Massachusetts	0.0394445127%
MA295	Sutton Town, Massachusetts	0.1720631416%
MA296	Swampscott Town, Massachusetts	0.2802270489%
MA297	Swansea Town, Massachusetts	0.3127370397%
MA298	Taunton City, Massachusetts	1.3156698571%
MA299	Templeton Town, Massachusetts	0.0167725290%
MA300	Tewksbury Town, Massachusetts	0.2526508477%
MA301	Tisbury Town, Massachusetts	0.0665566713%
MA302	Tolland Town, Massachusetts	0.0005593530%
MA303	Topsfield Town, Massachusetts	0.0713350646%
MA304	Townsend Town, Massachusetts	0.0093843801%
MA305	Truro Town, Massachusetts	0.0604250384%
MA306	Tyngsborough Town, Massachusetts	0.1162396935%
MA307	Tyringham Town, Massachusetts	0.0012803829%
MA308	Upton Town, Massachusetts	0.0211017442%
MA309	Uxbridge Town, Massachusetts	0.2255606716%
MA310	Wakefield Town, Massachusetts	0.2116065761%
MA311	Wales Town, Massachusetts	0.0147604390%
MA312	Walpole Town, Massachusetts	0.3194149930%
MA313	Waltham City, Massachusetts	0.5322671985%
MA314	Ware Town, Massachusetts	0.2035588439%
MA315	Wareham Town, Massachusetts	0.3595394490%
MA316	Warren Town, Massachusetts	0.0179304373%
MA317	Warwick Town, Massachusetts	0.0065997057%
MA318	Washington Town, Massachusetts	0.0004074112%
MA319	Watertown Town City, Massachusetts	0.2540965713%
MA320	Wayland Town, Massachusetts	0.2147389946%
MA321	Webster Town, Massachusetts	0.2405963644%
MA322	Wellesley Town, Massachusetts	0.4811483972%
MA323	Wellfleet Town, Massachusetts	0.0667808417%
MA324	Wendell Town, Massachusetts	0.0010508215%
MA325	Wenham Town, Massachusetts	0.0112119209%
MA326	West Boylston Town, Massachusetts	0.1222726663%
MA327	West Bridgewater Town, Massachusetts	0.1467598909%
MA328	West Brookfield Town, Massachusetts	0.0059191866%
MA329	West Newbury Town, Massachusetts	0.0086981560%
MA330	West Springfield Town City, Massachusetts	0.4627594653%
MA331	West Stockbridge Town, Massachusetts	0.0028401544%
MA332	West Tisbury Town, Massachusetts	0.0099183484%
MA333	Westborough Town, Massachusetts	0.5070384269%
MA334	Westfield City, Massachusetts	0.6538385669%
MA335	Westford Town, Massachusetts	0.2939962811%
MA336	Westhampton Town, Massachusetts	0.0199373981%
MA337	Westminster Town, Massachusetts	0.0226744436%
MA338	Weston Town, Massachusetts	0.2254658323%
MA339	Westport Town, Massachusetts	0.2811335179%
MA340	Westwood Town, Massachusetts	0.2903783084%

MA341	Weymouth Town City, Massachusetts	0.5656639786%
MA342	Whately Town, Massachusetts	0.0314223222%
MA343	Whitman Town, Massachusetts	0.0448742719%
MA344	Wilbraham Town, Massachusetts	0.0313150261%
MA345	Williamsburg Town, Massachusetts	0.0343998679%
MA346	Williamstown, Massachusetts	0.0783021941%
MA347	Wilmington Town, Massachusetts	0.2467559990%
MA348	Winchendon Town, Massachusetts	0.1830720373%
MA349	Winchester Town, Massachusetts	0.2570095300%
MA350	Windsor Town, Massachusetts	0.0005238144%
MA351	Winthrop Town City, Massachusetts	0.1505890537%
MA352	Woburn City, Massachusetts	0.3503541163%
MA353	Worcester City, Massachusetts	3.7929503518%
MA354	Worthington Town, Massachusetts	0.0015069609%
MA355	Wrentham Town, Massachusetts	0.0961794021%
MA356	Yarmouth Town, Massachusetts	0.1308391883%

MI1	Ada Township, Michigan	0.0073233482%
MI2	Adrian City, Michigan	0.0568370128%
MI3	Alcona County, Michigan	0.0834491179%
MI4	Alger County, Michigan	0.0785291215%
MI5	Algoma Township, Michigan	0.0029345640%
MI6	Allegan County, Michigan	0.7725881935%
MI7	Allen Park City, Michigan	0.1074735355%
MI8	Allendale Charter Township, Michigan	0.0077776425%
MI9	Alpena County, Michigan	0.3171935781%
MI10	Alpine Charter Township, Michigan	0.0025427083%
MI11	Ann Arbor City, Michigan	0.4632250874%
MI12	Antrim County, Michigan	0.2381005845%
MI13	Antwerp Township, Michigan	0.0013132895%
MI14	Arenac County, Michigan	0.1612057938%
MI15	Auburn Hills City, Michigan	0.1176899978%
MI16	Bangor Charter Township, Michigan	0.0109251027%
MI17	Baraga County, Michigan	0.0741112558%
MI18	Barry County, Michigan	0.4329702358%
MI19	Bath Charter Township, Michigan	0.0537968516%
MI20	Battle Creek City, Michigan	0.3423704436%
MI21	Bay City, Michigan	0.1147802745%
MI22	Bay County, Michigan	1.1009022938%
MI23	Bedford Township, Michigan	0.0412592343%
MI24	Benton Charter Township, Michigan	0.0907240950%
MI25	Benzie County, Michigan	0.1392597323%
MI26	Berkley City, Michigan	0.0358941044%
MI27	Berrien County, Michigan	1.2815190059%
MI28	Beverly Hills Village, Michigan	0.0460038135%
MI29	Big Rapids City, Michigan	0.0245076907%
MI30	Birmingham City, Michigan	0.1031004819%
MI31	Bloomfield Charter Township, Michigan	0.2395537286%
MI32	Branch County, Michigan	0.3413411577%
MI33	Brandon Charter Township, Michigan	0.0298468290%
MI34	Brighton Township, Michigan	0.0010123659%
MI35	Brownstown Charter Township, Michigan	0.1035238283%
MI36	Burton City, Michigan	0.0331836857%
MI37	Byron Township, Michigan	0.0143593354%
MI38	Cadillac City, Michigan	0.0992155073%
MI39	Caledonia Charter Township, Michigan	0.0046151897%
MI40	Calhoun County, Michigan	1.6522746969%
MI41	Cannon Township, Michigan	0.0055382276%
MI42	Canton Charter Township, Michigan	0.2353019350%
MI43	Cascade Charter Township, Michigan	0.0202807109%
MI44	Cass County, Michigan	0.3685228029%
MI45	Charlevoix County, Michigan	0.1913266108%
MI46	Cheboygan County, Michigan	0.2827891794%
MI47	Chesterfield Charter Township, Michigan	0.2112831498%
MI48	Chippewa County, Michigan	0.2393040796%
MI49	Clare County, Michigan	0.4685534972%

MI50	Clawson City, Michigan	0.0233450803%
MI51	Clinton Charter Township, Michigan	0.5825283878%
MI52	Clinton County, Michigan	0.4823811618%
MI53	Coldwater City, Michigan	0.0129335184%
MI54	Commerce Charter Township, Michigan	0.0332785651%
MI55	Comstock Charter Township, Michigan	0.0141443213%
MI56	Cooper Charter Township, Michigan	0.0016050286%
MI57	Crawford County, Michigan	0.2577011831%
MI58	Davison Township, Michigan	0.0148016255%
MI59	Dearborn City, Michigan	0.5014825529%
MI60	Dearborn Heights City, Michigan	0.1763248603%
MI61	Delhi Charter Township, Michigan	0.0329269168%
MI62	Delta Charter Township, Michigan	0.0678675252%
MI63	Delta County, Michigan	0.2325433177%
MI64	Detroit City, Michigan	6.3675475252%
MI65	Dewitt Charter Township, Michigan	0.0615354244%
MI66	Dickinson County, Michigan	0.2475829616%
MI67	East Bay Township, Michigan	0.0024511576%
MI68	East Grand Rapids City, Michigan	0.0347010017%
MI69	East Lansing City, Michigan	0.1722118876%
MI70	Eastpointe City, Michigan	0.2806901834%
MI71	Eaton County, Michigan	0.8964627151%
MI72	Egelston Township, Michigan	0.0099077587%
MI73	Emmet County, Michigan	0.3034511111%
MI74	Emmett Charter Township, Michigan	0.0136208021%
MI75	Escanaba City, Michigan	0.0161625757%
MI76	Farmington City, Michigan	0.0368587005%
MI77	Farmington Hills City, Michigan	0.2763289545%
MI78	Fenton Charter Township, Michigan	0.0031005125%
MI79	Fenton City, Michigan	0.0802629568%
MI80	Ferndale City, Michigan	0.1491321203%
MI81	Flat Rock City, Michigan	0.0287479606%
MI82	Flint Charter Township, Michigan	0.0428009530%
MI83	Flint City, Michigan	2.6382255013%
MI84	Flushing Charter Township, Michigan	0.0062641566%
MI85	Fort Gratiot Charter Township, Michigan	0.0158007179%
MI86	Fraser City, Michigan	0.1340329179%
MI87	Frenchtown Charter Township, Michigan	0.0818078358%
MI88	Fruitport Charter Township, Michigan	0.0216336824%
MI89	Gaines Township, Kent County, Michigan	0.0150472599%
MI90	Garden City, Michigan	0.0602849815%
MI91	Garfield Charter Township, Michigan	0.0006805464%
MI92	Genesee Charter Township, Michigan	0.0216656939%
MI93	Genesee County, Michigan	1.8587109989%
MI94	Genoa Township, Michigan	0.0001265457%
MI95	Georgetown Charter Township, Michigan	0.0120538094%
MI96	Gladwin County, Michigan	0.3598571100%
MI97	Gogebic County, Michigan	0.1249651212%
MI98	Grand Blanc Charter Township, Michigan	0.0351159584%

MI99	Grand Haven Charter Township, Michigan	0.0188708587%
MI100	Grand Haven City, Michigan	0.0581929367%
MI101	Grand Rapids Charter Township, Michigan	0.0062871075%
MI102	Grand Rapids City, Michigan	1.2000276882%
MI103	Grand Traverse County, Michigan	0.8244466054%
MI104	Grandville City, Michigan	0.0465263367%
MI105	Gratiot County, Michigan	0.3147475181%
MI106	Green Oak Township, Michigan	0.0538361746%
MI107	Grosse Ile Township, Michigan	0.0358505107%
MI108	Grosse Pointe Park City, Michigan	0.0473791255%
MI109	Grosse Pointe Woods City, Michigan	0.0337630289%
MI110	Hamburg Township, Michigan	0.0567828826%
MI111	Hamtramck City, Michigan	0.1811320680%
MI112	Harper Woods City, Michigan	0.0505579556%
MI113	Harrison Charter Township, Michigan	0.1108972638%
MI114	Hartland Township, Michigan	0.0004881050%
MI115	Hazel Park City, Michigan	0.0736339264%
MI116	Highland Charter Township, Michigan	0.0294387306%
MI117	Highland Park City, Michigan	0.0391505779%
MI118	Hillsdale County, Michigan	0.3731855670%
MI119	Holland Charter Township, Michigan	0.0291739126%
MI120	Holland City, Michigan	0.1655890102%
MI121	Holly Township, Michigan	0.0040995334%
MI122	Houghton County, Michigan	0.2225642997%
MI123	Huron Charter Township, Michigan	0.0361363324%
MI124	Huron County, Michigan	0.2929757372%
MI125	Independence Charter Township, Michigan	0.0825378903%
MI126	Ingham County, Michigan	2.1348935205%
MI127	Inkster City, Michigan	0.1669443281%
MI128	Ionia City, Michigan	0.0449276471%
MI129	Ionia County, Michigan	0.4905636172%
MI130	Iosco County, Michigan	0.3212475898%
MI131	Iron County, Michigan	0.1102481228%
MI132	Iron Mountain City, Michigan	0.0091866455%
MI133	Isabella County, Michigan	0.5720204678%
MI134	Jackson City, Michigan	0.1764251010%
MI135	Jackson County, Michigan	1.0855421077%
MI136	Kalamazoo Charter Township, Michigan	0.0520230321%
MI137	Kalamazoo City, Michigan	0.3787268993%
MI138	Kalamazoo County, Michigan	1.9845600355%
MI139	Kalkaska County, Michigan	0.1646399668%
MI140	Kent County, Michigan	2.7808259408%
MI141	Kentwood City, Michigan	0.1423307082%
MI142	Keweenaw County, Michigan	0.0067676775%
MI143	Lake County, Michigan	0.0728348971%
MI144	Lansing City, Michigan	0.5307983425%

MI145	Lapeer County, Michigan	0.7916953951%
MI146	Leelanau County, Michigan	0.1237383482%
MI147	Lenawee County, Michigan	0.7878386566%
MI148	Lenox Township, Michigan	0.0111917816%
MI149	Leoni Township, Michigan	0.0090926074%
MI150	Lincoln Charter Township, Michigan	0.0178479538%
MI151	Lincoln Park City, Michigan	0.1588803292%
MI152	Livingston County, Michigan	1.3371907873%
MI153	Livonia City, Michigan	0.3999768720%
MI154	Luce County, Michigan	0.0638515493%
MI155	Lyon Charter Township, Michigan	0.0060287256%
MI156	Mackinac County, Michigan	0.0909538431%
MI157	Macomb County, Michigan	7.7242005849%
MI158	Macomb Township, Michigan	0.1081932941%
MI159	Madison Heights City, Michigan	0.1443184148%
MI160	Manistee County, Michigan	0.3120953798%
MI161	Marion Township, Livingston County, Michigan	0.0001988576%
MI162	Marquette City, Michigan	0.0313476613%
MI163	Marquette County, Michigan	0.5388637672%
MI164	Mason County, Michigan	0.2487294921%
MI165	Mecosta County, Michigan	0.3321355122%
MI166	Melvindale City, Michigan	0.0519698104%
MI167	Menominee County, Michigan	0.1580179806%
MI168	Meridian Charter Township, Michigan	0.0708027402%
MI169	Midland City, Michigan	0.3023071472%
MI170	Midland County, Michigan	0.5384703258%
MI171	Milford Charter Township, Michigan	0.0064275489%
MI172	Missaukee County, Michigan	0.1002815458%
MI173	Monitor Charter Township, Michigan	0.0044174736%
MI174	Monroe Charter Township, Michigan	0.0119729252%
MI175	Monroe City, Michigan	0.2101937979%
MI176	Monroe County, Michigan	1.5316423152%
MI177	Montcalm County, Michigan	0.6212351900%
MI178	Montmorency County, Michigan	0.0868385533%
MI179	Mount Clemens City, Michigan	0.0503004024%
MI180	Mount Morris City, Michigan	0.0046413043%
MI181	Mount Pleasant City, Michigan	0.0357778255%
MI182	Mundy Charter Township, Michigan	0.0150794621%
MI183	Muskegon Charter Township, Michigan	0.0360868180%
MI184	Muskegon City, Michigan	0.1748185396%
MI185	Muskegon County, Michigan	1.7053905386%
MI186	Muskegon Heights City, Michigan	0.0500451306%
MI187	New Baltimore City, Michigan	0.0480441296%
MI188	Newaygo County, Michigan	0.4671261358%
MI189	Niles City, Michigan	0.0583312847%
MI190	Niles Township, Michigan	0.0215348319%
MI191	Northville Charter Township, Michigan	0.0836973671%
MI192	Norton Shores City, Michigan	0.0701828658%

MI193	Novi City, Michigan	0.1465815056%
MI194	Oak Park City, Michigan	0.1037775542%
MI195	Oakland Charter Township, Michigan	0.0274353387%
MI196	Oakland County, Michigan	5.2264042066%
MI197	Oceana County, Michigan	0.2176466203%
MI198	Oceola Township, Michigan	0.0003615593%
MI199	Ogemaw County, Michigan	0.5563618764%
MI200	Ontonagon County, Michigan	0.0504349004%
MI201	Orion Charter Township, Michigan	0.0484616785%
MI202	Osceola County, Michigan	0.1924215950%
MI203	Oscoda County, Michigan	0.0981702870%
MI204	Oshtemo Charter Township, Michigan	0.0124389806%
MI205	Otsego County, Michigan	0.2838576775%
MI206	Ottawa County, Michigan	1.4829589190%
MI207	Owosso City, Michigan	0.0600391920%
MI208	Oxford Charter Township, Michigan	0.0220651355%
MI209	Park Township, Ottawa County, Michigan	0.0069409957%
MI210	Pittsfield Charter Township, Michigan	0.0254303905%
MI211	Plainfield Charter Township, Michigan	0.0147250675%
MI212	Plymouth Charter Township, Michigan	0.0619046968%
MI213	Pontiac City, Michigan	0.3007870303%
MI214	Port Huron Charter Township, Michigan	0.0144337077%
MI215	Port Huron City, Michigan	0.2605826060%
MI216	Portage City, Michigan	0.0982178051%
MI217	Presque Isle County, Michigan	0.1455220353%
MI218	Redford Charter Township, Michigan	0.2119761371%
MI219	Riverview City, Michigan	0.0482626131%
MI220	Rochester City, Michigan	0.0399194381%
MI221	Rochester Hills City, Michigan	0.0675866509%
MI222	Romulus City, Michigan	0.0931298734%
MI223	Roscommon County, Michigan	0.3840925607%
MI224	Roseville City, Michigan	0.4273474490%
MI225	Royal Oak City, Michigan	0.2596061973%
MI226	Saginaw Charter Township, Michigan	0.0692043420%
MI227	Saginaw City, Michigan	0.4307711416%
MI228	Saginaw County, Michigan	1.6118539630%
MI229	Sanilac County, Michigan	0.3468379663%
MI230	Sault Ste. Marie City, Michigan	0.0984697973%
MI231	Schoolcraft County, Michigan	0.0789566063%
MI232	Scio Charter Township, Michigan	0.0051527746%
MI233	Shelby Charter Township, Michigan	0.5065495239%
MI234	Shiawassee County, Michigan	0.7255393777%
MI235	South Lyon City, Michigan	0.0258956950%
MI236	Southfield City, Michigan	0.3934160797%
MI237	Southfield Township, Michigan	0.0001112995%
MI238	Southgate City, Michigan	0.0888423705%
MI239	Spring Lake Township, Michigan	0.0103960225%
MI240	Springfield Charter Township, Michigan	0.0044705319%
MI241	St Clair County, Michigan	1.9960063402%

MI242	St Joseph County, Michigan	0.4265691571%
MI243	St. Clair Shores City, Michigan	0.3399081996%
MI244	Sterling Heights City, Michigan	0.9407553377%
MI245	Sturgis City, Michigan	0.0599318930%
MI246	Summit Township, Jackson County, Michigan	0.0147223455%
MI247	Superior Charter Township, Michigan	0.0121236785%
MI248	Taylor City, Michigan	0.3764778630%
MI249	Texas Charter Township, Michigan	0.0052063171%
MI250	Thomas Township, Michigan	0.0127113988%
MI251	Traverse City, Michigan	0.0620311385%
MI252	Trenton City, Michigan	0.0481846521%
MI253	Troy City, Michigan	0.2360199679%
MI254	Tuscola County, Michigan	0.4432240961%
MI255	Tyrone Township, Livingston County, Michigan	0.0096355544%
MI256	Union Charter Township, Michigan	0.0000512255%
MI257	Van Buren Charter Township, Michigan	0.0686867403%
MI258	Van Buren County, Michigan	0.7628971716%
MI259	Vienna Charter Township, Genesee County, Michigan	0.0086448035%
MI260	Vienna Charter Township, Montmorency County, Michigan	0.0011836039%
MI261	Walker City, Michigan	0.0577159947%
MI262	Warren City, Michigan	1.1744758071%
MI263	Washington Township, Macomb County, Michigan	0.0808853142%
MI264	Washtenaw County, Michigan	2.3763653602%
MI265	Waterford Charter Township, Michigan	0.2186201385%
MI266	Wayne City, Michigan	0.0837926529%
MI267	Wayne County, Michigan	10.1863863702%
MI268	West Bloomfield Charter Township, Michigan	0.2622681115%
MI269	Westland City, Michigan	0.3261711153%
MI270	Wexford County, Michigan	0.2986947723%
MI271	White Lake Charter Township, Michigan	0.0585435626%
MI272	Wixom City, Michigan	0.0369421752%
MI273	Woodhaven City, Michigan	0.0571927749%
MI274	Wyandotte City, Michigan	0.0976772465%
MI275	Wyoming City, Michigan	0.2554463949%
MI276	Ypsilanti Charter Township, Michigan	0.0578793100%
MI277	Ypsilanti City, Michigan	0.0898598214%
MI278	Zeeland Charter Township, Michigan	0.0061508332%

MN1	Aitkin County, Minnesota	0.5286814148%
MN2	Albert Lea City, Minnesota	0.0977622743%
MN3	Alexandria City, Minnesota	0.0160492533%
MN4	Andover City, Minnesota	0.1252665067%
MN5	Anoka City, Minnesota	0.1440564244%
MN6	Anoka County, Minnesota	4.6242592739%
MN7	Apple Valley City, Minnesota	0.2744845059%
MN8	Arden Hills City, Minnesota	0.0767181792%
MN9	Austin City, Minnesota	0.1311616775%
MN10	Becker County, Minnesota	0.6074940403%
MN11	Beltrami County, Minnesota	0.7012389686%
MN12	Bemidji City, Minnesota	0.1574833165%
MN13	Benton County, Minnesota	0.5911228450%
MN14	Big Lake City, Minnesota	0.0420448659%
MN15	Big Stone County, Minnesota	0.1096599784%
MN16	Blaine City, Minnesota	0.3900026032%
MN17	Bloomington City, Minnesota	0.4497191234%
MN18	Blue Earth County, Minnesota	0.6089707140%
MN19	Brainerd City, Minnesota	0.1504466885%
MN20	Brooklyn Center City, Minnesota	0.1297575027%
MN21	Brooklyn Park City, Minnesota	0.2573517070%
MN22	Brown County, Minnesota	0.3051842351%
MN23	Buffalo City, Minnesota	0.0781258548%
MN24	Burnsville City, Minnesota	0.4713016362%
MN25	Carlton County, Minnesota	0.9030359158%
MN26	Carver County, Minnesota	1.0510920355%
MN27	Cass County, Minnesota	0.8164078457%
MN28	Champlin City, Minnesota	0.0508611460%
MN29	Chanhassen City, Minnesota	0.0711696030%
MN30	Chaska City, Minnesota	0.1150720173%
MN31	Chippewa County, Minnesota	0.1920510176%
MN32	Chisago County, Minnesota	0.9131864974%
MN33	Clay County, Minnesota	0.8653053935%
MN34	Clearwater County, Minnesota	0.1705736793%
MN35	Cloquet City, Minnesota	0.1186651642%
MN36	Columbia Heights City, Minnesota	0.2218103028%
MN37	Cook County, Minnesota	0.0986217587%
MN38	Coon Rapids City, Minnesota	0.5297885918%
MN39	Cottage Grove City, Minnesota	0.2579811495%
MN40	Cottonwood County, Minnesota	0.1596040200%
MN41	Crow Wing County, Minnesota	1.0457717507%
MN42	Crystal City, Minnesota	0.0875990017%
MN43	Dakota County, Minnesota	4.0571434991%
MN44	Dodge County, Minnesota	0.2031881392%
MN45	Douglas County, Minnesota	0.5526533294%
MN46	Duluth City, Minnesota	1.0556152695%
MN47	Eagan City, Minnesota	0.3357112506%
MN48	East Bethel City, Minnesota	0.0544402891%
MN49	Eden Prairie City, Minnesota	0.2342274611%

MN50	Edina City, Minnesota	0.1810785868%
MN51	Elk River City, Minnesota	0.1845146283%
MN52	Fairmont City, Minnesota	0.0691539281%
MN53	Faribault City, Minnesota	0.0597051421%
MN54	Faribault County, Minnesota	0.1990991695%
MN55	Farmington City, Minnesota	0.1233974343%
MN56	Fergus Falls City, Minnesota	0.0953555135%
MN57	Fillmore County, Minnesota	0.2137999717%
MN58	Forest Lake City, Minnesota	0.1371068827%
MN59	Freeborn County, Minnesota	0.3218731421%
MN60	Fridley City, Minnesota	0.2363297846%
MN61	Golden Valley City, Minnesota	0.0785357583%
MN62	Goodhue County, Minnesota	0.5154623919%
MN63	Grand Rapids City, Minnesota	0.0379045489%
MN64	Grant County, Minnesota	0.0701677463%
MN65	Ham Lake City, Minnesota	0.0398258439%
MN66	Hastings City, Minnesota	0.1717268064%
MN67	Hennepin County, Minnesota	17.4947177407%
MN68	Hibbing City, Minnesota	0.1399140652%
MN69	Hopkins City, Minnesota	0.1103006531%
MN70	Houston County, Minnesota	0.2844148191%
MN71	Hubbard County, Minnesota	0.4205503327%
MN72	Hugo City, Minnesota	0.0294053970%
MN73	Hutchinson City, Minnesota	0.4500983935%
MN74	Inver Grove Heights City, Minnesota	0.2013009785%
MN75	Isanti County, Minnesota	0.7078656931%
MN76	Itasca County, Minnesota	1.0468316649%
MN77	Jackson County, Minnesota	0.1293074841%
MN78	Kanabec County, Minnesota	0.2825744837%
MN79	Kandiyohi County, Minnesota	0.1451128376%
MN80	Kittson County, Minnesota	0.0745984967%
MN81	Koochiching County, Minnesota	0.2397716611%
MN82	Lac Qui Parle County, Minnesota	0.0904601572%
MN83	Lake County, Minnesota	0.1677431571%
MN84	Lake of the Woods County, Minnesota	0.1030738066%
MN85	Lakeville City, Minnesota	0.2590140772%
MN86	Le Sueur County, Minnesota	0.2960413451%
MN87	Lincoln County, Minnesota	0.1002117758%
MN88	Lino Lakes City, Minnesota	0.1385206851%
MN89	Little Canada City, Minnesota	0.1205138143%
MN90	Lyon County, Minnesota	0.2693726739%
MN91	Mahnomen County, Minnesota	0.1299927961%
MN92	Mankato City, Minnesota	0.3394403512%
MN93	Maple Grove City, Minnesota	0.1664829592%
MN94	Maplewood City, Minnesota	0.1720888635%
MN95	Marshall City, Minnesota	0.0861816984%
MN96	Marshall County, Minnesota	0.1189736859%
MN97	Martin County, Minnesota	0.2333916080%
MN98	McLeod County, Minnesota	0.1144539528%

MN99	Meeker County, Minnesota	0.3436113016%
MN100	Mendota Heights City, Minnesota	0.0821776269%
MN101	Mille Lacs County, Minnesota	0.8536527563%
MN102	Minneapolis City, Minnesota	4.4766025549%
MN103	Minnetonka City, Minnesota	0.1805441076%
MN104	Monticello City, Minnesota	0.0182370585%
MN105	Moorhead City, Minnesota	0.3980660322%
MN106	Morrison County, Minnesota	0.6588564064%
MN107	Mounds View City, Minnesota	0.0723117896%
MN108	Mower County, Minnesota	0.5324617169%
MN109	Murray County, Minnesota	0.1237848734%
MN110	New Brighton City, Minnesota	0.1030123940%
MN111	New Hope City, Minnesota	0.0689628343%
MN112	New Ulm City, Minnesota	0.0519862655%
MN113	Nicollet County, Minnesota	0.1443064509%
MN114	Nobles County, Minnesota	0.1433541912%
MN115	Norman County, Minnesota	0.0998150009%
MN116	North Branch City, Minnesota	0.0501205482%
MN117	North Mankato City, Minnesota	0.0267890165%
MN118	North St. Paul City, Minnesota	0.0528485215%
MN119	Northfield City, Minnesota	0.6851668132%
MN120	Oakdale City, Minnesota	0.1765286580%
MN121	Olmsted County, Minnesota	1.7654639618%
MN122	Otsego City, Minnesota	0.0389412692%
MN123	Otter Tail County, Minnesota	0.7650587540%
MN124	Owatonna City, Minnesota	0.1301345848%
MN125	Pennington County, Minnesota	0.2829057616%
MN126	Pine County, Minnesota	0.5204807192%
MN127	Pipestone County, Minnesota	0.1408899564%
MN128	Plymouth City, Minnesota	0.1617585661%
MN129	Polk County, Minnesota	0.7942540937%
MN130	Pope County, Minnesota	0.1716325723%
MN131	Prior Lake City, Minnesota	0.1314862452%
MN132	Proctor City, Minnesota	0.0196743464%
MN133	Ramsey City, Minnesota	0.1289991083%
MN134	Ramsey County, Minnesota	6.5235510364%
MN135	Red Lake County, Minnesota	0.0488842734%
MN136	Red Wing City, Minnesota	0.1690608291%
MN137	Redwood County, Minnesota	0.2578753915%
MN138	Renville County, Minnesota	0.2484267514%
MN139	Rice County, Minnesota	0.2454785096%
MN140	Richfield City, Minnesota	0.2325614441%
MN141	Robbinsdale City, Minnesota	0.0829119522%
MN142	Rochester City, Minnesota	0.6757524532%
MN143	Rock County, Minnesota	0.1875379948%
MN144	Rogers City, Minnesota	0.0282340357%
MN145	Roseau County, Minnesota	0.2310796648%
MN146	Rosemount City, Minnesota	0.1131711446%
MN147	Roseville City, Minnesota	0.1580291737%

MN148	Sartell City, Minnesota	0.0580331443%
MN149	Sauk Rapids City, Minnesota	0.0730830208%
MN150	Savage City, Minnesota	0.1728666590%
MN151	Scott County, Minnesota	1.2182589937%
MN152	Shakopee City, Minnesota	0.2643025616%
MN153	Sherburne County, Minnesota	1.1511844871%
MN154	Shoreview City, Minnesota	0.0620723712%
MN155	Sibley County, Minnesota	0.2196634879%
MN156	South St. Paul City, Minnesota	0.3555870478%
MN157	St Louis County, Minnesota	4.3508834038%
MN158	St. Cloud City, Minnesota	0.6727244188%
MN159	St. Louis Park City, Minnesota	0.1354267160%
MN160	St. Michael City, Minnesota	0.0148139997%
MN161	St. Paul City, Minnesota	3.4393152229%
MN162	St. Peter City, Minnesota	0.2421250322%
MN163	Stearns County, Minnesota	2.2171264071%
MN164	Steele County, Minnesota	0.3643474585%
MN165	Stevens County, Minnesota	0.1321088317%
MN166	Stillwater City, Minnesota	0.1531139787%
MN167	Swift County, Minnesota	0.1233619872%
MN168	Todd County, Minnesota	0.3837061355%
MN169	Traverse County, Minnesota	0.0829619867%
MN170	Vadnais Heights City, Minnesota	0.0942702174%
MN171	Victoria City, Minnesota	0.0058887523%
MN172	Wabasha County, Minnesota	0.2847837323%
MN173	Waconia City, Minnesota	0.0066220565%
MN174	Wadena County, Minnesota	0.2426637417%
MN175	Waseca County, Minnesota	0.2622870325%
MN176	Washington County, Minnesota	2.8315446071%
MN177	Watonwan County, Minnesota	0.1354898791%
MN178	West St. Paul City, Minnesota	0.1910746887%
MN179	White Bear Lake City, Minnesota	0.1136132860%
MN180	White Bear Township, Minnesota	0.0181037305%
MN181	Wilkin County, Minnesota	0.0860822129%
MN182	Willmar City, Minnesota	0.4208360981%
MN183	Winona City, Minnesota	0.2780074878%
MN184	Winona County, Minnesota	0.7117454807%
MN185	Woodbury City, Minnesota	0.4292599795%
MN186	Worthington City, Minnesota	0.0568155413%
MN187	Wright County, Minnesota	1.5588358425%
MN188	Yellow Medicine County, Minnesota	0.1598976626%

MS1	Adams County, Mississippi	0.8850454148%
MS2	Alcorn County, Mississippi	0.0569510905%
MS3	Amite County, Mississippi	0.2713519710%
MS4	Amory City, Mississippi	0.2091629926%
MS5	Arcola Town, Mississippi	0.0010430877%
MS6	Attala County, Mississippi	0.4246666634%
MS7	Bay St. Louis City, Mississippi	0.0307587230%
MS8	Benton County, Mississippi	0.1937673634%
MS9	Biloxi City, Mississippi	0.6566432134%
MS10	Bolivar County, Mississippi	0.4978719946%
MS11	Brandon City, Mississippi	0.5504498277%
MS12	Brookhaven City, Mississippi	0.4627907697%
MS13	Byram City, Mississippi	0.0539534335%
MS14	Caledonia Town, Mississippi	0.0029594278%
MS15	Calhoun County, Mississippi	0.4104265320%
MS16	Canton City, Mississippi	0.3565489062%
MS17	Carroll County, Mississippi	0.2007719282%
MS18	Charleston City, Mississippi	0.0464748267%
MS19	Chickasaw County, Mississippi	0.5048552486%
MS20	Choctaw County, Mississippi	0.1839335128%
MS21	Claiborne County, Mississippi	0.1627262324%
MS22	Clarke County, Mississippi	0.5053384006%
MS23	Clarksdale City, Mississippi	0.2740859278%
MS24	Clay County, Mississippi	0.1837895433%
MS25	Cleveland City, Mississippi	0.1358351654%
MS26	Clinton City, Mississippi	0.3197904769%
MS27	Coahoma County, Mississippi	0.4186176659%
MS28	Columbia City, Mississippi	0.1674920304%
MS29	Columbus City, Mississippi	0.6956641603%
MS30	Copiah County, Mississippi	0.7132277916%
MS31	Corinth City, Mississippi	1.5578843050%
MS32	Covington County, Mississippi	0.6081803058%
MS33	Desoto County, Mississippi	2.2184182744%
MS34	Diamondhead City, Mississippi	0.0001680458%
MS35	D'Iberville City, Mississippi	0.0442726624%
MS36	Forrest County, Mississippi	3.0156250353%
MS37	Franklin County, Mississippi	0.2542823910%
MS38	Gautier City, Mississippi	0.1302053876%
MS39	George County, Mississippi	1.0247519776%
MS40	Greene County, Mississippi	0.2910471646%
MS41	Greenville City, Mississippi	0.0830590284%
MS42	Greenwood City, Mississippi	0.5853776479%
MS43	Grenada City, Mississippi	0.0552681925%
MS44	Grenada County, Mississippi	0.5194646578%
MS45	Gulfport City, Mississippi	8.2405637774%
MS46	Hancock County, Mississippi	2.3767878426%
MS47	Harrison County, Mississippi	1.2681143209%
MS48	Hattiesburg City, Mississippi	0.3196152733%
MS49	Hernando City, Mississippi	0.4369673545%

MS50	Hinds County, Mississippi	2.0637938660%
MS51	Holly Springs City, Mississippi	0.1609000156%
MS52	Holmes County, Mississippi	0.3284953462%
MS53	Horn Lake City, Mississippi	0.6442839584%
MS54	Humphreys County, Mississippi	0.1357489463%
MS55	Indianola City, Mississippi	0.0229288956%
MS56	Issaquena County, Mississippi	0.0173614233%
MS57	Itawamba County, Mississippi	1.0392546705%
MS58	Iuka City, Mississippi	0.2820646050%
MS59	Jackson City, Mississippi	2.6617552637%
MS60	Jackson County, Mississippi	7.5649147973%
MS61	Jasper County, Mississippi	0.3875866209%
MS62	Jefferson County, Mississippi	0.0973536568%
MS63	Jefferson Davis County, Mississippi	0.3472631158%
MS64	Jones County, Mississippi	2.1970411588%
MS65	Jonestown, Mississippi	0.0092231595%
MS66	Kemper County, Mississippi	0.2197061168%
MS67	Kosciusko City, Mississippi	0.0403737724%
MS68	Lafayette County, Mississippi	0.6965570967%
MS69	Lamar County, Mississippi	1.2949562593%
MS70	Lauderdale County, Mississippi	1.4532418860%
MS71	Laurel City, Mississippi	0.1468061312%
MS72	Lawrence County, Mississippi	0.3387801386%
MS73	Leake County, Mississippi	0.5729082602%
MS74	Leakesville Town, Mississippi	0.0097188377%
MS75	Lee County, Mississippi	1.4583582538%
MS76	Leflore County, Mississippi	0.1006210330%
MS77	Lincoln County, Mississippi	0.5672474110%
MS78	Long Beach City, Mississippi	0.1374069547%
MS79	Lowndes County, Mississippi	0.9278575592%
MS80	Lumberton City, Mississippi	0.0393106754%
MS81	Madison City, Mississippi	0.5657979552%
MS82	Madison County, Mississippi	1.0660308873%
MS83	Marion County, Mississippi	1.6080737081%
MS84	Marshall County, Mississippi	0.6206332630%
MS85	McComb City, Mississippi	1.0999468538%
MS86	McLain Town, Mississippi	0.0044054675%
MS87	Meridian City, Mississippi	1.1031457427%
MS88	Monroe County, Mississippi	0.8034104646%
MS89	Montgomery County, Mississippi	0.3225285007%
MS90	Morton City, Mississippi	0.0599559053%
MS91	Moss Point City, Mississippi	0.0032450894%
MS92	Mound Bayou City, Mississippi	0.0139281161%
MS93	Natchez City, Mississippi	0.1079532301%
MS94	Neshoba County, Mississippi	1.0065117709%
MS95	Nettleton City, Mississippi	0.0304185645%
MS96	New Albany City, Mississippi	0.2696874555%
MS97	Newton County, Mississippi	0.5392966632%
MS98	Noxubee County, Mississippi	0.1826343709%

MS99	Ocean Springs City, Mississippi	0.1182464817%
MS100	Oktibbeha County, Mississippi	0.7782514241%
MS101	Olive Branch City, Mississippi	1.0780955334%
MS102	Oxford City, Mississippi	0.5933338756%
MS103	Panola County, Mississippi	1.1122808938%
MS104	Pascagoula City, Mississippi	0.2466090593%
MS105	Pearl City, Mississippi	1.1814807813%
MS106	Pearl River County, Mississippi	3.0179025193%
MS107	Perry County, Mississippi	0.3647175906%
MS108	Petal City, Mississippi	0.0268648760%
MS109	Philadelphia City, Mississippi	0.1140375286%
MS110	Picayune City, Mississippi	0.5821086449%
MS111	Pike County, Mississippi	0.1081822799%
MS112	Pontotoc County, Mississippi	1.1348714203%
MS113	Prentiss County, Mississippi	0.7882874828%
MS114	Quitman City, Mississippi	0.0869079764%
MS115	Quitman County, Mississippi	0.2112294840%
MS116	Rankin County, Mississippi	3.4259023921%
MS117	Ridgeland City, Mississippi	0.7052518799%
MS118	Scott County, Mississippi	0.6243593895%
MS119	Shannon Town, Mississippi	0.0290190505%
MS120	Sharkey County, Mississippi	0.0916197654%
MS121	Shubuta Town, Mississippi	0.0060764900%
MS122	Simpson County, Mississippi	0.9087854201%
MS123	Smith County, Mississippi	0.3825880315%
MS124	Southaven City, Mississippi	1.5378821390%
MS125	Starkville City, Mississippi	0.0994723676%
MS126	Stone County, Mississippi	0.5580488158%
MS127	Summit Town, Mississippi	0.0050530863%
MS128	Sunflower County, Mississippi	0.4600451000%
MS129	Tallahatchie County, Mississippi	0.2577090284%
MS130	Tate County, Mississippi	1.1421792158%
MS131	Tippah County, Mississippi	0.6593796104%
MS132	Tishomingo County, Mississippi	1.3029259893%
MS133	Tunica County, Mississippi	0.1767618783%
MS134	Tupelo City, Mississippi	1.4600720605%
MS135	Union County, Mississippi	0.4897630128%
MS136	Verona City, Mississippi	0.0606682697%
MS137	Vicksburg City, Mississippi	0.7250920192%
MS138	Walthall County, Mississippi	0.4890815570%
MS139	Warren County, Mississippi	0.5538600347%
MS140	Washington County, Mississippi	0.9092835384%
MS141	Wayne County, Mississippi	0.9304927709%
MS142	Waynesboro City, Mississippi	0.0133034348%
MS143	Webb Town, Mississippi	0.0118969258%
MS144	Webster County, Mississippi	0.3778058032%
MS145	West Point City, Mississippi	0.2091299691%
MS146	Wiggins City, Mississippi	0.1706074658%

MS147	Wilkinson County, Mississippi	0.2128691098%
MS148	Winston County, Mississippi	0.5276375718%
MS149	Yalobusha County, Mississippi	0.2951067799%
MS150	Yazoo City, Mississippi	0.2510049288%
MS151	Yazoo County, Mississippi	0.4173853844%

MO1	Adair County, Missouri	0.2323492740%
MO2	Andrew County, Missouri	0.1564541324%
MO3	Arnold City, Missouri	0.5124454261%
MO4	Atchison County, Missouri	0.0503458382%
MO5	Audrain County, Missouri	0.2723907883%
MO6	Ballwin City, Missouri	0.1503503362%
MO7	Barry County, Missouri	0.5806831870%
MO8	Barton County, Missouri	0.1828006402%
MO9	Bates County, Missouri	0.4224104662%
MO10	Bellefontaine Neighbors City, Missouri	0.0857527834%
MO11	Belton City, Missouri	0.1516735499%
MO12	Benton County, Missouri	0.3879753095%
MO13	Blue Springs City, Missouri	0.1988003228%
MO14	Bolivar City, Missouri	0.6392625910%
MO15	Bollinger County, Missouri	0.1203527210%
MO16	Boone County, Missouri	1.0160242824%
MO17	Branson City, Missouri	0.4449755896%
MO18	Bridgeton City, Missouri	0.1763465152%
MO19	Buchanan County, Missouri	0.4752770338%
MO20	Butler County, Missouri	0.3661408977%
MO21	Caldwell County, Missouri	0.0989536405%
MO22	Callaway County, Missouri	0.2712833054%
MO23	Camden County, Missouri	0.7677402708%
MO24	Cape Girardeau City, Missouri	0.5367558088%
MO25	Cape Girardeau County, Missouri	0.4382279546%
MO26	Carroll County, Missouri	0.1240753517%
MO27	Carter County, Missouri	0.0825024387%
MO28	Carthage City, Missouri	0.9706909454%
MO29	Cass County, Missouri	0.9944461678%
MO30	Cedar County, Missouri	0.2606830207%
MO31	Chariton County, Missouri	0.0660694886%
MO32	Chesterfield City, Missouri	0.2353487388%
MO33	Christian County, Missouri	0.6724712099%
MO34	Clark County, Missouri	0.0860504210%
MO35	Clay County, Missouri	2.1043558671%
MO36	Clayton City, Missouri	0.3129914614%
MO37	Clinton County, Missouri	0.3136411047%
MO38	Cole County, Missouri	0.4638412355%
MO39	Columbia City, Missouri	1.1969210737%
MO40	Cooper County, Missouri	0.1709566623%
MO41	Crawford County, Missouri	0.5377697760%
MO42	Crestwood City, Missouri	0.1705940152%
MO43	Creve Coeur City, Missouri	0.2772506333%
MO44	Dade County, Missouri	0.0956916225%
MO45	Dallas County, Missouri	0.2127316981%
MO46	Dardenne Prairie City, Missouri	0.0016749613%
MO47	Daviess County, Missouri	0.0686237546%
MO48	De Kalb County, Missouri	0.1059364189%
MO49	Dent County, Missouri	0.4657350233%

MO50	Douglas County, Missouri	0.1328072590%
MO51	Dunklin County, Missouri	0.4949307906%
MO52	Eureka City, Missouri	0.0880789358%
MO53	Excelsior Springs City, Missouri	0.1351301223%
MO54	Farmington City, Missouri	0.5454680456%
MO55	Ferguson City, Missouri	0.2574470581%
MO56	Festus City, Missouri	0.3044135646%
MO57	Florissant City, Missouri	0.3924574160%
MO58	Franklin County, Missouri	1.8587591717%
MO59	Fulton City, Missouri	0.3112636154%
MO60	Gasconade County, Missouri	0.2671420472%
MO61	Gentry County, Missouri	0.0719794172%
MO62	Gladstone City, Missouri	0.0404576910%
MO63	Grain Valley City, Missouri	0.0334350556%
MO64	Grandview City, Missouri	0.1639337689%
MO65	Greene County, Missouri	1.4401071301%
MO66	Grundy County, Missouri	0.1563373346%
MO67	Hannibal City, Missouri	0.2978324519%
MO68	Harrison County, Missouri	0.1526413397%
MO69	Harrisonville City, Missouri	0.0476820622%
MO70	Hazelwood City, Missouri	0.5185404511%
MO71	Henry County, Missouri	0.3711753912%
MO72	Hickory County, Missouri	0.1309787386%
MO73	Holt County, Missouri	0.0407768050%
MO74	Howard County, Missouri	0.0772931032%
MO75	Howell County, Missouri	0.5521591843%
MO76	Independence City, Missouri	0.9132606869%
MO77	Iron County, Missouri	0.1793646831%
MO78	Jackson City, Missouri	0.1555038848%
MO79	Jackson County, Missouri	1.9899708609%
MO80	Jasper County, Missouri	0.3290412555%
MO81	Jefferson City, Missouri	0.5714876357%
MO82	Jefferson County, Missouri	4.3802521918%
MO83	Jennings City, Missouri	0.1764093964%
MO84	Johnson County, Missouri	0.2968386067%
MO85	Joplin City, Missouri	0.5552066323%
MO86	Kansas City, Missouri	5.7571708236%
MO87	Kearney City, Missouri	0.0053417407%
MO88	Kennett City, Missouri	0.1864120841%
MO89	Kirksville City, Missouri	0.1862592989%
MO90	Kirkwood City, Missouri	0.3564022464%
MO91	Knox County, Missouri	0.0402195164%
MO92	Laclede County, Missouri	0.1401546839%
MO93	Lafayette County, Missouri	0.3589036278%
MO94	Lake St. Louis City, Missouri	0.1499293870%
MO95	Lawrence County, Missouri	0.6708287533%
MO96	Lebanon City, Missouri	0.2505601816%
MO97	Lee's Summit City, Missouri	0.6108369410%
MO98	Lewis County, Missouri	0.1042697772%

MO99	Liberty City, Missouri	0.0442061837%
MO100	Lincoln County, Missouri	0.8894721213%
MO101	Linn County, Missouri	0.1452541869%
MO102	Livingston County, Missouri	0.3568928487%
MO103	Macon County, Missouri	0.1756025824%
MO104	Madison County, Missouri	0.2543286672%
MO105	Manchester City, Missouri	0.1098943865%
MO106	Maries County, Missouri	0.1434267628%
MO107	Marion County, Missouri	0.2234652909%
MO108	Marshall City, Missouri	0.1418453816%
MO109	Maryland Heights City, Missouri	0.3748856392%
MO110	Maryville City, Missouri	0.1076579446%
MO111	McDonald County, Missouri	0.2634826201%
MO112	Mercer County, Missouri	0.0320837873%
MO113	Mexico City, Missouri	0.0139160258%
MO114	Miller County, Missouri	0.2674444574%
MO115	Mississippi County, Missouri	0.1833143956%
MO116	Moberly City, Missouri	0.0603546528%
MO117	Moniteau County, Missouri	0.1201445359%
MO118	Monroe County, Missouri	0.1023892750%
MO119	Montgomery County, Missouri	0.1914472870%
MO120	Morgan County, Missouri	0.2721921482%
MO121	Neosho City, Missouri	0.1442050062%
MO122	New Madrid County, Missouri	0.1577443253%
MO123	Newton County, Missouri	0.3630628797%
MO124	Nixa City, Missouri	0.2468687012%
MO125	Nodaway County, Missouri	0.0949885786%
MO126	O'Fallon City, Missouri	0.5745934504%
MO127	Oregon County, Missouri	0.1307320509%
MO128	Osage County, Missouri	0.1278894988%
MO129	Overland City, Missouri	0.1364249588%
MO130	Ozark City, Missouri	0.2857254050%
MO131	Ozark County, Missouri	0.1325551539%
MO132	Pemiscot County, Missouri	0.3944645835%
MO133	Perry County, Missouri	0.2199285305%
MO134	Pettis County, Missouri	0.0151441760%
MO135	Phelps County, Missouri	1.0845340125%
MO136	Pike County, Missouri	0.2247877951%
MO137	Platte County, Missouri	0.3320717417%
MO138	Polk County, Missouri	0.1493187623%
MO139	Poplar Bluff City, Missouri	0.7559317644%
MO140	Pulaski County, Missouri	1.1729279991%
MO141	Putnam County, Missouri	0.0497042567%
MO142	Ralls County, Missouri	0.0684816754%
MO143	Randolph County, Missouri	0.2442992792%
MO144	Ray County, Missouri	0.3201239293%
MO145	Raymore City, Missouri	0.0467701237%
MO146	Raytown City, Missouri	0.1486313258%
MO147	Republic City, Missouri	0.2002494278%

MO148	Reynolds County, Missouri	0.1173502249%
MO149	Ripley County, Missouri	0.2364998192%
MO150	Rolla City, Missouri	0.0387613823%
MO151	Saline County, Missouri	0.1638080066%
MO152	Schuyler County, Missouri	0.0255576230%
MO153	Scotland County, Missouri	0.0573087527%
MO154	Scott County, Missouri	0.3449360072%
MO155	Sedalia City, Missouri	0.4368595310%
MO156	Shannon County, Missouri	0.0849097240%
MO157	Shelby County, Missouri	0.0753316616%
MO158	Sikeston City, Missouri	0.3315549551%
MO159	Smithville City, Missouri	0.0048539762%
MO160	Springfield City, Missouri	5.8477728751%
MO161	St Charles County, Missouri	2.4842648424%
MO162	St Clair County, Missouri	0.0933227753%
MO163	St Francois County, Missouri	2.0822768958%
MO164	St Louis County, Missouri	11.0300257170%
MO165	St. Ann City, Missouri	0.1350418307%
MO166	St. Charles City, Missouri	1.3555209057%
MO167	St. Joseph City, Missouri	0.9266925599%
MO168	St. Louis City, Missouri	8.2821011552%
MO169	St. Peters City, Missouri	0.5859558551%
MO170	Ste Genevieve County, Missouri	0.2689675365%
MO171	Stoddard County, Missouri	0.4415922593%
MO172	Stone County, Missouri	0.5212198991%
MO173	Sullivan County, Missouri	0.0828316136%
MO174	Taney County, Missouri	0.3347844684%
MO175	Texas County, Missouri	0.3423504618%
MO176	Town and Country City, Missouri	0.0996467524%
MO177	Troy City, Missouri	0.0382293752%
MO178	Union City, Missouri	0.1462425501%
MO179	University City, Missouri	0.4121038850%
MO180	Vernon County, Missouri	0.3089892512%
MO181	Warren County, Missouri	0.5842281380%
MO182	Warrensburg City, Missouri	0.1958789596%
MO183	Washington City, Missouri	0.3567566384%
MO184	Washington County, Missouri	0.6514805024%
MO185	Wayne County, Missouri	0.2274524096%
MO186	Webb City, Missouri	0.0671916759%
MO187	Webster County, Missouri	0.5986690767%
MO188	Webster Groves City, Missouri	0.2556867074%
MO189	Wentzville City, Missouri	0.3358019827%
MO190	West Plains City, Missouri	0.3439555766%
MO191	Wildwood City, Missouri	0.1021615484%
MO192	Worth County, Missouri	0.0184350871%
MO193	Wright County, Missouri	0.2540973934%

MT1	Anaconda-Deer Lodge County, Montana	1.4480190514%
MT2	Beaverhead County, Montana	0.6841480225%
MT3	Big Horn County, Montana	0.8504903609%
MT4	Billings City, Montana	9.1331142413%
MT5	Blaine County, Montana	0.3691094337%
MT6	Bozeman City, Montana	2.0161886507%
MT7	Broadwater County, Montana	0.4143251264%
MT8	Butte-Silver Bow, Montana	5.6101260434%
MT9	Carbon County, Montana	0.7105360522%
MT10	Carter County, Montana	0.0374679104%
MT11	Cascade County, Montana	3.8993050480%
MT12	Chouteau County, Montana	0.4053063424%
MT13	Custer County, Montana	1.5139056450%
MT14	Daniels County, Montana	0.1787602908%
MT15	Dawson County, Montana	0.7800682133%
MT16	Fallon County, Montana	0.1543582011%
MT17	Fergus County, Montana	0.8667027669%
MT18	Flathead County, Montana	8.0141785369%
MT19	Gallatin County, Montana	4.0205572717%
MT20	Garfield County, Montana	0.0398838599%
MT21	Glacier County, Montana	1.5230709367%
MT22	Golden Valley County, Montana	0.0264303648%
MT23	Granite County, Montana	0.1831398237%
MT24	Great Falls City, Montana	4.3577779784%
MT25	Helena City, Montana	1.7360655042%
MT26	Hill County, Montana	1.8438532922%
MT27	Jefferson County, Montana	0.7770843087%
MT28	Judith Basin County, Montana	0.0614804228%
MT29	Kalispell City, Montana	2.4735432710%
MT30	Lake County, Montana	3.6175099064%
MT31	Lewis and Clark County, Montana	4.9326712334%
MT32	Liberty County, Montana	0.1210395973%
MT33	Lincoln County, Montana	2.1915597624%
MT34	Madison County, Montana	0.5498047673%
MT35	McCone County, Montana	0.0823035394%
MT36	Meagher County, Montana	0.0912086373%
MT37	Mineral County, Montana	0.7546909914%
MT38	Missoula City, Montana	4.4312558575%
MT39	Missoula County, Montana	8.0272833629%
MT40	Musselshell County, Montana	0.3895510594%
MT41	Park County, Montana	2.0831835653%
MT42	Petroleum County, Montana	0.0144742922%
MT43	Phillips County, Montana	0.2085622347%
MT44	Pondera County, Montana	0.4003873948%
MT45	Powder River County, Montana	0.1504386452%
MT46	Powell County, Montana	0.8872723490%
MT47	Prairie County, Montana	0.0572069653%
MT48	Ravalli County, Montana	3.6906819270%
MT49	Richland County, Montana	0.7541525281%

MT50	Roosevelt County, Montana	0.8182976782%
MT51	Rosebud County, Montana	0.5641981949%
MT52	Sanders County, Montana	1.0679134558%
MT53	Sheridan County, Montana	0.2700355225%
MT54	Stillwater County, Montana	0.5055604014%
MT55	Sweet Grass County, Montana	0.2836540766%
MT56	Teton County, Montana	0.5735903832%
MT57	Toole County, Montana	0.3258040487%
MT58	Treasure County, Montana	0.0226554138%
MT59	Valley County, Montana	0.5598291268%
MT60	Wheatland County, Montana	0.0720998508%
MT61	Wibaux County, Montana	0.0630373047%
MT62	Yellowstone County, Montana	7.3090889550%

NE1	Adams County, Nebraska	0.7130410264%
NE2	Antelope County, Nebraska	0.2406339800%
NE3	Arthur County, Nebraska	0.0110831278%
NE4	Banner County, Nebraska	0.0183674606%
NE5	Beatrice City, Nebraska	0.9248205382%
NE6	Bellevue City, Nebraska	2.4787880023%
NE7	Blaine County, Nebraska	0.0123640997%
NE8	Boone County, Nebraska	0.2533407507%
NE9	Box Butte County, Nebraska	0.7492533620%
NE10	Boyd County, Nebraska	0.0902847433%
NE11	Brown County, Nebraska	0.1375135354%
NE12	Buffalo County, Nebraska	0.9630320332%
NE13	Burt County, Nebraska	0.3365661770%
NE14	Butler County, Nebraska	0.2899805672%
NE15	Cass County, Nebraska	1.2356339344%
NE16	Cedar County, Nebraska	0.3502588009%
NE17	Chase County, Nebraska	0.1707898814%
NE18	Cherry County, Nebraska	0.3082161558%
NE19	Cheyenne County, Nebraska	0.7408263023%
NE20	Clay County, Nebraska	0.1772971991%
NE21	Colfax County, Nebraska	0.2670475913%
NE22	Columbus City, Nebraska	0.7291294061%
NE23	Cuming County, Nebraska	0.4019883978%
NE24	Custer County, Nebraska	0.4848137961%
NE25	Dakota County, Nebraska	0.3940917673%
NE26	Dawes County, Nebraska	0.6577293164%
NE27	Dawson County, Nebraska	0.7540316373%
NE28	Deuel County, Nebraska	0.1500055852%
NE29	Dixon County, Nebraska	0.2144571499%
NE30	Dodge County, Nebraska	1.8317996330%
NE31	Douglas County, Nebraska	14.9119111455%
NE32	Dundy County, Nebraska	0.1513630330%
NE33	Fillmore County, Nebraska	0.3541443667%
NE34	Franklin County, Nebraska	0.1630162987%
NE35	Fremont City, Nebraska	0.1476946393%
NE36	Frontier County, Nebraska	0.0732649260%
NE37	Furnas County, Nebraska	0.2315426581%
NE38	Gage County, Nebraska	0.5390651380%
NE39	Garden County, Nebraska	0.1132118364%
NE40	Garfield County, Nebraska	0.1104479177%
NE41	Gosper County, Nebraska	0.0528581072%
NE42	Grand Island City, Nebraska	1.5052861196%
NE43	Grant County, Nebraska	0.0167075406%
NE44	Greeley County, Nebraska	0.1006996872%
NE45	Hall County, Nebraska	1.3023214397%
NE46	Hamilton County, Nebraska	0.3285553228%
NE47	Harlan County, Nebraska	0.1831157431%
NE48	Hastings City, Nebraska	0.7738158635%
NE49	Hayes County, Nebraska	0.0464208924%

NE50	Hitchcock County, Nebraska	0.1428727336%
NE51	Holt County, Nebraska	0.4319086269%
NE52	Hooker County, Nebraska	0.0195391111%
NE53	Howard County, Nebraska	0.3117590505%
NE54	Jefferson County, Nebraska	0.4621587809%
NE55	Johnson County, Nebraska	0.3674281385%
NE56	Kearney City, Nebraska	1.3128662946%
NE57	Kearney County, Nebraska	0.3284087439%
NE58	Keith County, Nebraska	0.5586120928%
NE59	Keya Paha County, Nebraska	0.0207700795%
NE60	Kimball County, Nebraska	0.2074517582%
NE61	Knox County, Nebraska	0.4262180329%
NE62	La Vista City, Nebraska	0.6948539706%
NE63	Lancaster County, Nebraska	7.9530599340%
NE64	Lexington City, Nebraska	0.2672235840%
NE65	Lincoln City, Nebraska	8.9584993437%
NE66	Lincoln County, Nebraska	0.7588461895%
NE67	Logan County, Nebraska	0.0192253637%
NE68	Loup County, Nebraska	0.0163070224%
NE69	Madison County, Nebraska	1.0198085515%
NE70	McPherson County, Nebraska	0.0133651501%
NE71	Merrick County, Nebraska	0.5571149293%
NE72	Morrill County, Nebraska	0.2640807173%
NE73	Nance County, Nebraska	0.1820220392%
NE74	Nemaha County, Nebraska	0.5862140225%
NE75	Norfolk City, Nebraska	0.6855964607%
NE76	North Platte City, Nebraska	1.2668714124%
NE77	Nuckolls County, Nebraska	0.2606241030%
NE78	Omaha City, Nebraska	16.7836032733%
NE79	Otoe County, Nebraska	0.8114537890%
NE80	Papillion City, Nebraska	1.1943452635%
NE81	Pawnee County, Nebraska	0.2449303588%
NE82	Perkins County, Nebraska	0.0938742100%
NE83	Phelps County, Nebraska	0.4453164270%
NE84	Pierce County, Nebraska	0.2791606931%
NE85	Platte County, Nebraska	0.5054632790%
NE86	Polk County, Nebraska	0.2126035890%
NE87	Red Willow County, Nebraska	0.6782282985%
NE88	Richardson County, Nebraska	0.6780640713%
NE89	Rock County, Nebraska	0.0420632348%
NE90	Saline County, Nebraska	0.6431415318%
NE91	Sarpy County, Nebraska	4.1205096407%
NE92	Saunders County, Nebraska	0.9147340487%
NE93	Scotts Bluff County, Nebraska	1.8428925654%
NE94	Scottsbluff City, Nebraska	0.5159537183%
NE95	Seward County, Nebraska	0.7637450614%
NE96	Sheridan County, Nebraska	0.1814092513%
NE97	Sherman County, Nebraska	0.1198260243%
NE98	Sioux County, Nebraska	0.0355730752%

NE99	South Sioux City, Nebraska	0.4431368628%
NE100	Stanton County, Nebraska	0.2162062918%
NE101	Thayer County, Nebraska	0.2059575361%
NE102	Thomas County, Nebraska	0.0173570958%
NE103	Thurston County, Nebraska	0.2564159657%
NE104	Valley County, Nebraska	0.3103957199%
NE105	Washington County, Nebraska	0.7878555706%
NE106	Wayne County, Nebraska	0.3510034608%
NE107	Webster County, Nebraska	0.1652355715%
NE108	Wheeler County, Nebraska	0.0210156849%
NE109	York County, Nebraska	0.8321939645%

NV1	Boulder City, Nevada	0.3107009981%
NV2	Carson City, Nevada	2.3218259705%
NV3	Churchill County, Nevada	0.8235207168%
NV4	Clark County, Nevada	58.8769406541%
NV5	Douglas County, Nevada	1.4865476786%
NV6	Elko City, Nevada	0.2695156814%
NV7	Elko County, Nevada	0.7560895476%
NV8	Ely City, Nevada	0.0203818414%
NV9	Esmeralda County, Nevada	0.0080513258%
NV10	Eureka County, Nevada	0.0249820640%
NV11	Fernley City, Nevada	0.1752175442%
NV12	Henderson City, Nevada	4.1125125008%
NV13	Humboldt County, Nevada	0.3934458998%
NV14	Lander County, Nevada	0.1756629621%
NV15	Las Vegas City, Nevada	5.8501217347%
NV16	Lincoln County, Nevada	0.1403055252%
NV17	Lyon County, Nevada	1.1540884057%
NV18	Mesquite City, Nevada	0.2702977182%
NV19	Mineral County, Nevada	0.2376542842%
NV20	North Las Vegas City, Nevada	3.9470476958%
NV21	Nye County, Nevada	2.9075008157%
NV22	Pershing County, Nevada	0.1586758508%
NV23	Reno City, Nevada	4.3827493928%
NV24	Sparks City, Nevada	1.2865202258%
NV25	Storey County, Nevada	0.1042375046%
NV26	Washoe County, Nevada	9.2156770199%
NV27	West Wendover City, Nevada	0.0969051629%
NV28	White Pine County, Nevada	0.4928232787%

NH1	Amherst Town, New Hampshire	0.1790374673%
NH2	Bedford Town, New Hampshire	0.3936504808%
NH3	Belknap County, New Hampshire	1.9567644276%
NH4	Belmont Town, New Hampshire	0.1904054639%
NH5	Berlin City, New Hampshire	1.3709952706%
NH6	Carroll County, New Hampshire	3.4703987177%
NH7	Cheshire County, New Hampshire	3.5839760859%
NH8	Claremont City, New Hampshire	0.3683639593%
NH9	Concord City, New Hampshire	2.2595879479%
NH10	Conway Town, New Hampshire	0.3862721364%
NH11	Coos County, New Hampshire	1.5122267511%
NH12	Derry Town, New Hampshire	1.8769595144%
NH13	Dover City, New Hampshire	3.0576459834%
NH14	Durham Town, New Hampshire	0.2881020198%
NH15	Exeter Town, New Hampshire	0.6737274090%
NH16	Franklin City, New Hampshire	1.7479174481%
NH17	Goffstown, New Hampshire	0.3784700464%
NH18	Grafton County, New Hampshire	4.4308969200%
NH19	Hampton Town, New Hampshire	0.7358763999%
NH20	Hanover Town, New Hampshire	0.6123006298%
NH21	Hillsborough County, New Hampshire	3.9254388815%
NH22	Hooksett Town, New Hampshire	0.6675639148%
NH23	Hudson Town, New Hampshire	0.6950011728%
NH24	Keene City, New Hampshire	1.3761862063%
NH25	Laconia City, New Hampshire	2.5621024032%
NH26	Lebanon City, New Hampshire	1.0426624391%
NH27	Londonderry Town, New Hampshire	1.6138073938%
NH28	Manchester City, New Hampshire	13.8240646849%
NH29	Merrimack County, New Hampshire	6.9494167035%
NH30	Merrimack Town, New Hampshire	0.5966754639%
NH31	Milford Town, New Hampshire	0.1807176109%
NH32	Nashua City, New Hampshire	9.8959025124%
NH33	Pelham Town, New Hampshire	0.2388903043%
NH34	Portsmouth City, New Hampshire	5.9802341556%
NH35	Raymond Town, New Hampshire	0.2284643413%
NH36	Rochester City, New Hampshire	3.4618265089%
NH37	Rockingham County, New Hampshire	8.9313792575%
NH38	Salem Town, New Hampshire	1.7849749379%
NH39	Somersworth City, New Hampshire	1.5003334712%
NH40	Strafford County, New Hampshire	2.2198133145%
NH41	Sullivan County, New Hampshire	2.2968940888%
NH42	Windham Town, New Hampshire	0.5540751536%

NJ1	Aberdeen Township, New Jersey	0.0797396894%
NJ2	Asbury Park City, New Jersey	0.3916349671%
NJ3	Atlantic City, New Jersey	1.2847690915%
NJ4	Atlantic County, New Jersey	2.8915764045%
NJ5	Barnegat Township, New Jersey	0.1626638814%
NJ6	Bayonne City, New Jersey	0.8502340058%
NJ7	Beachwood Borough, New Jersey	0.0492329228%
NJ8	Belleville Township, New Jersey	0.0872090223%
NJ9	Bellmawr Borough, New Jersey	0.0640989992%
NJ10	Bergen County, New Jersey	4.9446361090%
NJ11	Bergenfield Borough, New Jersey	0.0618076073%
NJ12	Berkeley Heights Township, New Jersey	0.0272673062%
NJ13	Berkeley Township, New Jersey	0.2619731788%
NJ14	Bernards Township, New Jersey	0.0910577073%
NJ15	Bloomfield Township, New Jersey	0.1173874959%
NJ16	Bordentown Township, New Jersey	0.0545891482%
NJ17	Bound Brook Borough, New Jersey	0.0527105023%
NJ18	Branchburg Township, New Jersey	0.0561024563%
NJ19	Brick Township, New Jersey	0.5908193174%
NJ20	Bridgeton City, New Jersey	0.2079614154%
NJ21	Bridgewater Township, New Jersey	0.1828057629%
NJ22	Burlington County, New Jersey	4.4940916659%
NJ23	Burlington Township, New Jersey	0.1157900630%
NJ24	Camden City, New Jersey	1.6603828843%
NJ25	Camden County, New Jersey	6.8741218172%
NJ26	Cape May County, New Jersey	1.2842777540%
NJ27	Carteret Borough, New Jersey	0.1794847100%
NJ28	Cedar Grove Township, New Jersey	0.0187911021%
NJ29	Chatham Township, New Jersey	0.0498541051%
NJ30	Cherry Hill Township, New Jersey	0.3440044947%
NJ31	Cinnaminson Township, New Jersey	0.0701648926%
NJ32	Clark Township, New Jersey	0.0429898704%
NJ33	Cliffside Park Borough, New Jersey	0.1142449150%
NJ34	Clifton City, New Jersey	0.3535258812%
NJ35	Clinton Town, New Jersey	0.0294193343%
NJ36	Clinton Township, New Jersey	0.0799778554%
NJ37	Collingswood Borough, New Jersey	0.1128930571%
NJ38	Cranford Township, New Jersey	0.0684441330%
NJ39	Cumberland County, New Jersey	0.9862828059%
NJ40	Delran Township, New Jersey	0.0837486054%
NJ41	Denville Township, New Jersey	0.0795654377%
NJ42	Deptford Township, New Jersey	0.2200095463%
NJ43	Dover Town, New Jersey	0.1186530251%
NJ44	Dumont Borough, New Jersey	0.0403826120%
NJ45	East Brunswick Township, New Jersey	0.0972927881%
NJ46	East Greenwich Township, New Jersey	0.0212104162%
NJ47	East Hanover Township, New Jersey	0.0890156417%
NJ48	East Orange City, New Jersey	1.2844844553%
NJ49	East Windsor Township, New Jersey	0.0422463462%

NJ50	Eatontown Borough, New Jersey	0.0974794194%
NJ51	Edgewater Borough, New Jersey	0.0546948904%
NJ52	Edison Township, New Jersey	2.4018132631%
NJ53	Egg Harbor Township, New Jersey	0.1572891336%
NJ54	Elizabeth City, New Jersey	0.7646308101%
NJ55	Elmwood Park Borough, New Jersey	0.0462435391%
NJ56	Englewood City, New Jersey	0.6429812736%
NJ57	Essex County, New Jersey	1.4898498664%
NJ58	Evesham Township, New Jersey	0.1745115947%
NJ59	Ewing Township, New Jersey	0.0839796907%
NJ60	Fair Lawn Borough, New Jersey	0.0699332916%
NJ61	Fairview Borough, New Jersey	0.0347025484%
NJ62	Florence Township, New Jersey	0.0676007282%
NJ63	Florham Park Borough, New Jersey	0.0674975182%
NJ64	Fort Lee Borough, New Jersey	0.1848366682%
NJ65	Franklin Lakes Borough, New Jersey	0.0273076336%
NJ66	Franklin Township, Gloucester County, New Jersey	0.0870963870%
NJ67	Franklin Township, Somerset County, New Jersey	0.3236022203%
NJ68	Freehold Borough, New Jersey	0.0816675723%
NJ69	Freehold Township, New Jersey	0.1512818556%
NJ70	Galloway Township, New Jersey	0.0846515634%
NJ71	Garfield City, New Jersey	0.0989196224%
NJ72	Glassboro Borough, New Jersey	0.1948186777%
NJ73	Glen Rock Borough, New Jersey	0.0253178060%
NJ74	Gloucester City, New Jersey	0.1325275640%
NJ75	Gloucester County, New Jersey	4.7022029491%
NJ76	Gloucester Township, New Jersey	0.3259502581%
NJ77	Guttenberg Town, New Jersey	0.0382186733%
NJ78	Hackensack City, New Jersey	0.2554139785%
NJ79	Haddon Township, New Jersey	0.0831057121%
NJ80	Haddonfield Borough, New Jersey	0.0710479214%
NJ81	Hamilton Township, Atlantic County, New Jersey	0.0939608561%
NJ82	Hamilton Township, Mercer County, New Jersey	0.1394262176%
NJ83	Hammonton Town, New Jersey	0.0463451547%
NJ84	Hanover Township, New Jersey	0.0711651990%
NJ85	Harrison Town, New Jersey	0.2059190684%
NJ86	Harrison Township, New Jersey	0.0478487561%
NJ87	Hasbrouck Heights Borough, New Jersey	0.0360845581%
NJ88	Hawthorne Borough, New Jersey	0.0380122534%
NJ89	Hazlet Township, New Jersey	0.0810519234%
NJ90	Highland Park Borough, New Jersey	0.0606246554%
NJ91	Hillsborough Township, New Jersey	0.1405113053%
NJ92	Hillsdale Borough, New Jersey	0.0247027667%
NJ93	Hillside Township, New Jersey	0.1085603967%
NJ94	Hoboken City, New Jersey	0.1803633309%

NJ95	Holmdel Township, New Jersey	0.1058875828%
NJ96	Hopatcong Borough, New Jersey	0.0677558479%
NJ97	Hopewell Township, Mercer County, New Jersey	0.0275878151%
NJ98	Howell Township, New Jersey	0.2067529072%
NJ99	Hudson County, New Jersey	0.9363280231%
NJ100	Hunterdon County, New Jersey	0.8037645396%
NJ101	Irvington Township, New Jersey	0.9244040630%
NJ102	Jackson Township, New Jersey	0.2670097394%
NJ103	Jefferson Township, New Jersey	0.0866198206%
NJ104	Jersey City, New Jersey	0.9916102863%
NJ105	Kearny Town, New Jersey	0.1071857960%
NJ106	Lacey Township, New Jersey	0.1502291236%
NJ107	Lakewood Township, New Jersey	0.7730028665%
NJ108	Lawrence Township, Mercer County, New Jersey	0.0644503163%
NJ109	Lincoln Park Borough, New Jersey	0.0595261565%
NJ110	Linden City, New Jersey	0.2495261821%
NJ111	Lindenwold Borough, New Jersey	0.1004455914%
NJ112	Little Egg Harbor Township, New Jersey	0.1465902816%
NJ113	Little Falls Township, New Jersey	0.0348320180%
NJ114	Little Ferry Borough, New Jersey	0.0258966914%
NJ115	Livingston Township, New Jersey	0.0484285793%
NJ116	Lodi Borough, New Jersey	0.1078340351%
NJ117	Long Branch City, New Jersey	0.5243184480%
NJ118	Lower Township, New Jersey	0.0710329159%
NJ119	Lumberton Township, New Jersey	0.0461973502%
NJ120	Lyndhurst Township, New Jersey	0.0645354727%
NJ121	Madison Borough, New Jersey	0.1424930674%
NJ122	Mahwah Township, New Jersey	0.0610985020%
NJ123	Manalapan Township, New Jersey	0.1318410608%
NJ124	Manchester Township, New Jersey	0.2136801182%
NJ125	Mantua Township, New Jersey	0.0853984170%
NJ126	Manville Borough, New Jersey	0.0574532358%
NJ127	Maple Shade Township, New Jersey	0.1058088976%
NJ128	Maplewood Township, New Jersey	0.0589307182%
NJ129	Marlboro Township, New Jersey	0.1588151495%
NJ130	Medford Township, New Jersey	0.1130775783%
NJ131	Mercer County, New Jersey	1.1117204895%
NJ132	Metuchen Borough, New Jersey	0.0339468322%
NJ133	Middle Township, New Jersey	0.0695160908%
NJ134	Middlesex Borough, New Jersey	0.0317606196%
NJ135	Middlesex County, New Jersey	2.2387299770%
NJ136	Middletown Township, New Jersey	0.3292948041%
NJ137	Millburn Township, New Jersey	0.0627532842%
NJ138	Millstone Township, New Jersey	0.0066098909%
NJ139	Millville City, New Jersey	0.2397981412%
NJ140	Monmouth County, New Jersey	4.4617935668%

NJ141	Monroe Township, Gloucester County, New Jersey	0.2271632002%
NJ142	Monroe Township, Middlesex County, New Jersey	0.1024216796%
NJ143	Montclair Township, New Jersey	0.5843666564%
NJ144	Montgomery Township, New Jersey	0.0805666350%
NJ145	Montville Township, New Jersey	0.0902727303%
NJ146	Moorestown Township, New Jersey	0.1000871936%
NJ147	Morris County, New Jersey	2.3575766204%
NJ148	Morris Township, New Jersey	0.1125747053%
NJ149	Morristown, New Jersey	0.2369807115%
NJ150	Mount Laurel Township, New Jersey	0.1725831491%
NJ151	Mount Olive Township, New Jersey	0.1068809023%
NJ152	Neptune Township, New Jersey	0.2450351195%
NJ153	New Brunswick City, New Jersey	1.8327331194%
NJ154	New Milford Borough, New Jersey	0.0368443070%
NJ155	New Providence Borough, New Jersey	0.0258412178%
NJ156	Newark City, New Jersey	1.7760400546%
NJ157	North Arlington Borough, New Jersey	0.0408890956%
NJ158	North Bergen Township, New Jersey	0.1110635074%
NJ159	North Brunswick Township, New Jersey	0.1217197343%
NJ160	North Plainfield Borough, New Jersey	0.1454941742%
NJ161	Nutley Township, New Jersey	0.0574061090%
NJ162	Oakland Borough, New Jersey	0.0335231134%
NJ163	Ocean City, New Jersey	0.1910428164%
NJ164	Ocean County, New Jersey	4.9497293624%
NJ165	Ocean Township, Monmouth County, New Jersey	0.1387263032%
NJ166	Old Bridge Township, New Jersey	0.1263966779%
NJ167	Orange City Township, New Jersey	0.5609302630%
NJ168	Palisades Park Borough, New Jersey	0.0366345109%
NJ169	Paramus Borough, New Jersey	0.1129786355%
NJ170	Parsippany-Troy Hills Township, New Jersey	0.2342890939%
NJ171	Passaic City, New Jersey	0.4984612868%
NJ172	Passaic County, New Jersey	2.1805505203%
NJ173	Paterson City, New Jersey	0.9805526614%
NJ174	Pemberton Township, New Jersey	0.1182059071%
NJ175	Pennsauken Township, New Jersey	0.3221185950%
NJ176	Pennsville Township, New Jersey	0.0340920576%
NJ177	Pequannock Township, New Jersey	0.0769477223%
NJ178	Perth Amboy City, New Jersey	0.3436749356%
NJ179	Phillipsburg Town, New Jersey	0.1544595119%
NJ180	Pine Hill Borough, New Jersey	0.0482528270%
NJ181	Piscataway Township, New Jersey	0.1067019613%
NJ182	Plainfield City, New Jersey	0.3012229667%
NJ183	Plainsboro Township, New Jersey	0.0503298743%
NJ184	Pleasantville City, New Jersey	0.1421175070%
NJ185	Point Pleasant Borough, New Jersey	0.1109970141%

NJ186	Pompton Lakes Borough, New Jersey	0.0290573727%
NJ187	Princeton, New Jersey	0.0503970240%
NJ188	Rahway City, New Jersey	0.1444485698%
NJ189	Ramsey Borough, New Jersey	0.0402523452%
NJ190	Randolph Township, New Jersey	0.0853331898%
NJ191	Raritan Township, New Jersey	0.1071670391%
NJ192	Readington Township, New Jersey	0.0850076166%
NJ193	Red Bank Borough, New Jersey	0.1420636747%
NJ194	Ridgefield Borough, New Jersey	0.0201153405%
NJ195	Ridgefield Park Village, New Jersey	0.0392827532%
NJ196	Ridgewood Village, New Jersey	0.0849185213%
NJ197	Ringwood Borough, New Jersey	0.0309822545%
NJ198	River Edge Borough, New Jersey	0.0266057498%
NJ199	Robbinsville Township, New Jersey	0.0338593312%
NJ200	Rockaway Township, New Jersey	0.1290497970%
NJ201	Roselle Borough, New Jersey	0.0912325687%
NJ202	Roselle Park Borough, New Jersey	0.0316673040%
NJ203	Roxbury Township, New Jersey	0.1057717120%
NJ204	Rutherford Borough, New Jersey	0.0459830524%
NJ205	Saddle Brook Township, New Jersey	0.0390656888%
NJ206	Salem County, New Jersey	0.9344056735%
NJ207	Sayreville Borough, New Jersey	0.1477057086%
NJ208	Scotch Plains Township, New Jersey	0.0484433504%
NJ209	Secaucus Town, New Jersey	0.0516659295%
NJ210	Somers Point City, New Jersey	0.0439926621%
NJ211	Somerset County, New Jersey	1.4647125488%
NJ212	Somerville Borough, New Jersey	0.0756287358%
NJ213	South Brunswick Township, New Jersey	0.1037777110%
NJ214	South Orange Village Township, New Jersey	0.0488891085%
NJ215	South Plainfield Borough, New Jersey	0.0899775902%
NJ216	South River Borough, New Jersey	0.0421568288%
NJ217	Southampton Township, New Jersey	0.0127996268%
NJ218	Sparta Township, New Jersey	0.1069549921%
NJ219	Springfield Township, Union County, New Jersey	0.0573437423%
NJ220	Stafford Township, New Jersey	0.2155115906%
NJ221	Summit City, New Jersey	0.5428090174%
NJ222	Sussex County, New Jersey	1.2735318221%
NJ223	Teaneck Township, New Jersey	0.1723477966%
NJ224	Tenafly Borough, New Jersey	0.0450713724%
NJ225	Tinton Falls Borough, New Jersey	0.0881640307%
NJ226	Toms River Township, New Jersey	0.5620940829%
NJ227	Totowa Borough, New Jersey	0.0342545863%
NJ228	Trenton City, New Jersey	1.9352906929%
NJ229	Union City, New Jersey	0.9841875644%
NJ230	Union County, New Jersey	1.7400474523%
NJ231	Union Township, Union County, New Jersey	0.2247240506%

NJ232	Upper Township, New Jersey	0.0173930552%
NJ233	Vernon Township, New Jersey	0.0783616187%
NJ234	Verona Township, New Jersey	0.0234318917%
NJ235	Vineland City, New Jersey	0.5000169856%
NJ236	Voorhees Township, New Jersey	0.1406021825%
NJ237	Waldwick Borough, New Jersey	0.0421770394%
NJ238	Wall Township, New Jersey	0.1650847899%
NJ239	Wallington Borough, New Jersey	0.0235956865%
NJ240	Wanaque Borough, New Jersey	0.0311245257%
NJ241	Wantage Township, New Jersey	0.0091403397%
NJ242	Warren County, New Jersey	1.0382472049%
NJ243	Warren Township, New Jersey	0.0736326246%
NJ244	Washington Township, Gloucester County, New Jersey	0.2470375143%
NJ245	Washington Township, Morris County, New Jersey	0.0524274135%
NJ246	Waterford Township, New Jersey	0.0648566849%
NJ247	Wayne Township, New Jersey	0.1724444886%
NJ248	Weehawken Township, New Jersey	0.0282451513%
NJ249	West Caldwell Township, New Jersey	0.0246748189%
NJ250	West Deptford Township, New Jersey	0.1402059895%
NJ251	West Milford Township, New Jersey	0.0644752630%
NJ252	West New York Town, New Jersey	0.6157331463%
NJ253	West Orange Township, New Jersey	0.1051193933%
NJ254	West Windsor Township, New Jersey	0.0458605228%
NJ255	Westfield Town, New Jersey	0.0887745684%
NJ256	Westwood Borough, New Jersey	0.0348328152%
NJ257	Willingboro Township, New Jersey	0.2091808026%
NJ258	Winslow Township, New Jersey	0.1817978600%
NJ259	Woodbridge Township, New Jersey	0.3688029685%
NJ260	Woodland Park Borough, New Jersey	0.0292498655%
NJ261	Woolwich Township, New Jersey	0.0599291958%
NJ262	Wyckoff Township, New Jersey	0.0296665036%

NM1	Alamogordo City, New Mexico	0.9683526415%
NM2	Albuquerque City, New Mexico	26.1703568498%
NM3	Artesia City, New Mexico	0.5562791550%
NM4	Bernalillo County, New Mexico	15.2005970834%
NM5	Bernalillo Town, New Mexico	0.2863480762%
NM6	Carlsbad City, New Mexico	0.8261484924%
NM7	Catron County, New Mexico	0.1129940051%
NM8	Chaves County, New Mexico	1.0935494443%
NM9	Cibola County, New Mexico	0.7723148257%
NM10	Clovis City, New Mexico	0.9103511516%
NM11	Colfax County, New Mexico	0.7448541610%
NM12	Curry County, New Mexico	0.4952954732%
NM13	De Baca County, New Mexico	0.0650725663%
NM14	Deming City, New Mexico	0.2484870948%
NM15	Dona Ana County, New Mexico	4.1009817203%
NM16	Eddy County, New Mexico	1.2155709374%
NM17	Española City, New Mexico	1.0869232440%
NM18	Farmington City, New Mexico	1.4120396740%
NM19	Gallup City, New Mexico	0.7722895935%
NM20	Grant County, New Mexico	1.8057321396%
NM21	Guadalupe County, New Mexico	0.1869187026%
NM22	Harding County, New Mexico	0.0102668257%
NM23	Hidalgo County, New Mexico	0.1965507765%
NM24	Hobbs City, New Mexico	0.5477699843%
NM25	Las Cruces City, New Mexico	2.7789710876%
NM26	Las Vegas City, New Mexico	0.9509305850%
NM27	Lea County, New Mexico	1.3193643533%
NM28	Lincoln County, New Mexico	1.2208675842%
NM29	Los Alamos County, New Mexico	0.5915454490%
NM30	Los Lunas Village, New Mexico	1.0566950725%
NM31	Lovington City, New Mexico	0.1729179347%
NM32	Luna County, New Mexico	0.5889582326%
NM33	McKinley County, New Mexico	1.0214669791%
NM34	Mora County, New Mexico	0.1903934157%
NM35	Otero County, New Mexico	1.6062640137%
NM36	Portales City, New Mexico	0.2248670805%
NM37	Quay County, New Mexico	0.4733520608%
NM38	Rio Arriba County, New Mexico	3.5113726662%
NM39	Rio Rancho City, New Mexico	2.3456255907%
NM40	Roosevelt County, New Mexico	0.3148139409%
NM41	Roswell City, New Mexico	1.4423383265%
NM42	San Juan County, New Mexico	2.4064498445%
NM43	San Miguel County, New Mexico	0.7151901194%
NM44	Sandoval County, New Mexico	1.9253935060%
NM45	Santa Fe City, New Mexico	4.5408953413%
NM46	Santa Fe County, New Mexico	3.5143193357%
NM47	Sierra County, New Mexico	1.0308488455%
NM48	Socorro County, New Mexico	0.7363065077%

NM49	Sunland Park City, New Mexico	0.2012417097%
NM50	Taos County, New Mexico	1.7429125688%
NM51	Torrance County, New Mexico	0.7071523256%
NM52	Union County, New Mexico	0.1108929666%
NM53	Valencia County, New Mexico	2.7716079380%

NY1	Albany City, New York
NY2	Albany County, New York
NY3	Allegany County, New York
NY4	Broome County, New York
NY5	Buffalo City, New York
NY6	Cattaraugus County, New York
NY7	Cayuga County, New York
NY8	Chautauqua County, New York
NY9	Chemung County, New York
NY10	Chenango County, New York
NY11	Clinton County, New York
NY12	Columbia County, New York
NY13	Cortland County, New York
NY14	Delaware County, New York
NY15	Dutchess County, New York
NY16	Erie County, New York
NY17	Essex County, New York
NY18	Franklin County, New York
NY19	Fulton County, New York
NY20	Genesee County, New York
NY21	Greene County, New York
NY22	Hamilton County, New York
NY23	Herkimer County, New York
NY24	Jefferson County, New York
NY25	Lewis County, New York
NY26	Livingston County, New York
NY27	Madison County, New York
NY28	Monroe County, New York
NY29	Montgomery County, New York
NY30	Nassau County, New York
NY31	New York City, New York
NY32	Niagara County, New York
NY33	Oneida County, New York
NY34	Onondaga County, New York
NY35	Ontario County, New York
NY36	Orange County, New York
NY37	Orleans County, New York
NY38	Oswego County, New York
NY39	Otsego County, New York
NY40	Putnam County, New York
NY41	Rensselaer County, New York
NY42	Rochester City, New York
NY43	Rockland County, New York
NY44	Saratoga County, New York

Allocations in New York will be made in accordance with the New York Agreement.

NY45	Schenectady County, New York
NY46	Schoharie County, New York
NY47	Schuyler County, New York
NY48	Seneca County, New York
NY49	St Lawrence County, New York
NY50	Steuben County, New York
NY51	Suffolk County, New York
NY52	Sullivan County, New York
NY53	Syracuse City, New York
NY54	Tioga County, New York
NY55	Tompkins County, New York
NY56	Ulster County, New York
NY57	Warren County, New York
NY58	Washington County, New York
NY59	Wayne County, New York
NY60	Westchester County, New York
NY61	Wyoming County, New York
NY62	Yates County, New York
NY63	Yonkers City, New York

Allocations in New York will be made in accordance with the New York Agreement.

NC1	Alamance County, North Carolina	1.3780289676%
NC2	Alexander County, North Carolina	0.5100078796%
NC3	Alleghany County, North Carolina	0.1490905989%
NC4	Anson County, North Carolina	0.1821929604%
NC5	Ashe County, North Carolina	0.3386391883%
NC6	Asheville City, North Carolina	0.2358147243%
NC7	Avery County, North Carolina	0.2659967669%
NC8	Beaufort County, North Carolina	0.4778884349%
NC9	Bertie County, North Carolina	0.1394685751%
NC10	Bladen County, North Carolina	0.4292178095%
NC11	Brunswick County, North Carolina	2.1132385076%
NC12	Buncombe County, North Carolina	2.5115878573%
NC13	Burke County, North Carolina	2.0901968270%
NC14	Cabarrus County, North Carolina	1.6695734466%
NC15	Caldwell County, North Carolina	1.2763011462%
NC16	Camden County, North Carolina	0.0730364004%
NC17	Canton Town, North Carolina	0.0114538232%
NC18	Carteret County, North Carolina	1.1284655939%
NC19	Cary Town, North Carolina	0.1441516454%
NC20	Caswell County, North Carolina	0.1729202375%
NC21	Catawba County, North Carolina	2.0726952227%
NC22	Charlotte City, North Carolina	1.2474838144%
NC23	Chatham County, North Carolina	0.4498143831%
NC24	Cherokee County, North Carolina	0.7827591529%
NC25	Chowan County, North Carolina	0.1137055961%
NC26	Clay County, North Carolina	0.2244299489%
NC27	Cleveland County, North Carolina	1.1199280277%
NC28	Columbus County, North Carolina	1.2209369390%
NC29	Concord City, North Carolina	0.2274558703%
NC30	Craven County, North Carolina	1.3368601902%
NC31	Cumberland County, North Carolina	2.6372996596%
NC32	Currituck County, North Carolina	0.1867785513%
NC33	Dare County, North Carolina	0.5331267313%
NC34	Davidson County, North Carolina	1.9402695304%
NC35	Davie County, North Carolina	0.5131475269%
NC36	Duplin County, North Carolina	0.3827851474%
NC37	Durham City, North Carolina	0.3804050267%
NC38	Durham County, North Carolina	1.7979943624%
NC39	Edgecombe County, North Carolina	0.4171019390%
NC40	Fayetteville City, North Carolina	0.3097690552%
NC41	Forsyth County, North Carolina	3.0684508095%
NC42	Franklin County, North Carolina	0.5005036433%
NC43	Gaston County, North Carolina	3.0981738869%
NC44	Gastonia City, North Carolina	0.2577638238%
NC45	Gates County, North Carolina	0.0795675166%
NC46	Graham County, North Carolina	0.1834845617%
NC47	Granville County, North Carolina	0.5901034093%
NC48	Greene County, North Carolina	0.1232748186%
NC49	Greensboro City, North Carolina	0.5273916964%

NC50	Greenville City, North Carolina	0.1626564747%
NC51	Guilford County, North Carolina	3.3750152311%
NC52	Halifax County, North Carolina	0.4531611740%
NC53	Harnett County, North Carolina	0.9889807722%
NC54	Haywood County, North Carolina	0.8033151101%
NC55	Henderson City, North Carolina	0.0322534788%
NC56	Henderson County, North Carolina	1.3815950870%
NC57	Hertford County, North Carolina	0.2068430501%
NC58	Hickory City, North Carolina	0.0948758357%
NC59	High Point City, North Carolina	0.2064287629%
NC60	Hoke County, North Carolina	0.3324858046%
NC61	Hyde County, North Carolina	0.0272373541%
NC62	Iredell County, North Carolina	2.1159313745%
NC63	Jackson County, North Carolina	0.5077577313%
NC64	Jacksonville City, North Carolina	0.0950098698%
NC65	Johnston County, North Carolina	1.2508874682%
NC66	Jones County, North Carolina	0.0879669870%
NC67	Lee County, North Carolina	0.6531156836%
NC68	Lenoir County, North Carolina	0.6042825926%
NC69	Lincoln County, North Carolina	0.9268336271%
NC70	Macon County, North Carolina	0.2377764961%
NC71	Madison County, North Carolina	0.2328822206%
NC72	Martin County, North Carolina	0.5875445765%
NC73	McDowell County, North Carolina	0.4667676661%
NC74	Mecklenburg County, North Carolina	5.0383012599%
NC75	Mitchell County, North Carolina	0.3093141516%
NC76	Montgomery County, North Carolina	0.2260505430%
NC77	Moore County, North Carolina	0.9717391128%
NC78	Nash County, North Carolina	0.8456536396%
NC79	New Hanover County, North Carolina	2.8972648920%
NC80	Northampton County, North Carolina	0.1209962389%
NC81	Onslow County, North Carolina	1.6440013647%
NC82	Orange County, North Carolina	1.0558394190%
NC83	Pamlico County, North Carolina	0.1199361510%
NC84	Pasquotank County, North Carolina	0.3748162108%
NC85	Pender County, North Carolina	0.5857493319%
NC86	Perquimans County, North Carolina	0.1118331803%
NC87	Person County, North Carolina	0.4030242967%
NC88	Pitt County, North Carolina	1.3690080664%
NC89	Polk County, North Carolina	0.2661429860%
NC90	Raleigh City, North Carolina	0.5667246127%
NC91	Randolph County, North Carolina	1.5254339862%
NC92	Richmond County, North Carolina	0.7491328400%
NC93	Robeson County, North Carolina	1.3597353436%
NC94	Rockingham County, North Carolina	1.3653688375%
NC95	Rowan County, North Carolina	2.3352192879%
NC96	Rutherford County, North Carolina	0.9289416180%
NC97	Sampson County, North Carolina	0.6195137405%
NC98	Scotland County, North Carolina	0.4491482742%

NC99	Stanly County, North Carolina	0.7249742086%
NC100	Stokes County, North Carolina	0.6239531124%
NC101	Surry County, North Carolina	1.4108267061%
NC102	Swain County, North Carolina	0.2811629286%
NC103	Transylvania County, North Carolina	0.4975955095%
NC104	Tyrrell County, North Carolina	0.0414409072%
NC105	Union County, North Carolina	1.4667026799%
NC106	Vance County, North Carolina	0.5362582553%
NC107	Wake County, North Carolina	4.9024556672%
NC108	Warren County, North Carolina	0.1063905835%
NC109	Washington County, North Carolina	0.0747707205%
NC110	Watauga County, North Carolina	0.4696757999%
NC111	Wayne County, North Carolina	0.9706993331%
NC112	Wilkes County, North Carolina	1.9971771606%
NC113	Wilmington City, North Carolina	0.1194974940%
NC114	Wilson County, North Carolina	0.6464708415%
NC115	Winston-Salem City, North Carolina	0.4944599238%
NC116	Yadkin County, North Carolina	0.5621471451%
NC117	Yancey County, North Carolina	0.3821149769%

ND1	Adams County, North Dakota	0.3266859369%
ND2	Barnes County, North Dakota	1.1596409120%
ND3	Benson County, North Dakota	0.8243618844%
ND4	Billings County, North Dakota	0.0531198558%
ND5	Bismarck City, North Dakota	7.8720018475%
ND6	Bottineau County, North Dakota	0.6564106964%
ND7	Bowman County, North Dakota	0.3537618912%
ND8	Burke County, North Dakota	0.1340272238%
ND9	Burleigh County, North Dakota	5.9258321732%
ND10	Cass County, North Dakota	9.2593207065%
ND11	Cavalier County, North Dakota	0.4775832577%
ND12	Devils Lake City, North Dakota	0.3622623619%
ND13	Dickey County, North Dakota	0.6064663883%
ND14	Dickinson City, North Dakota	1.0573324109%
ND15	Divide County, North Dakota	0.1925705034%
ND16	Dunn County, North Dakota	0.5017615248%
ND17	Eddy County, North Dakota	0.2227970127%
ND18	Emmons County, North Dakota	0.7218887252%
ND19	Fargo City, North Dakota	12.8639966005%
ND20	Foster County, North Dakota	0.3938546507%
ND21	Golden Valley County, North Dakota	0.2278631874%
ND22	Grand Forks City, North Dakota	7.1999971538%
ND23	Grand Forks County, North Dakota	5.4639296523%
ND24	Grant County, North Dakota	0.2093626818%
ND25	Griggs County, North Dakota	0.2073426807%
ND26	Hettinger County, North Dakota	0.2096684753%
ND27	Jamestown City, North Dakota	0.7024664288%
ND28	Kidder County, North Dakota	0.3074782839%
ND29	La Moure County, North Dakota	0.3036088203%
ND30	Lisbon City, North Dakota	0.1372424658%
ND31	Logan County, North Dakota	0.1641331799%
ND32	Mandan City, North Dakota	1.1262932510%
ND33	McHenry County, North Dakota	0.3973374621%
ND34	McIntosh County, North Dakota	0.2870077627%
ND35	McKenzie County, North Dakota	1.2312553926%
ND36	McLean County, North Dakota	1.1384661837%
ND37	Mercer County, North Dakota	1.1241071216%
ND38	Minot City, North Dakota	2.8909627339%
ND39	Morton County, North Dakota	2.6703636118%
ND40	Mountrail County, North Dakota	1.1142893867%
ND41	Nelson County, North Dakota	0.4740975060%
ND42	Oliver County, North Dakota	0.2228234756%
ND43	Pembina County, North Dakota	1.2530005434%
ND44	Pierce County, North Dakota	0.7284574044%
ND45	Ramsey County, North Dakota	1.2734343106%
ND46	Ransom County, North Dakota	0.6183673413%
ND47	Renville County, North Dakota	0.2860845016%
ND48	Richland County, North Dakota	2.4309493698%
ND49	Rolette County, North Dakota	1.8198034592%

ND50	Sargent County, North Dakota	0.5773674924%
ND51	Sheridan County, North Dakota	0.0895886685%
ND52	Sioux County, North Dakota	0.6666209643%
ND53	Slope County, North Dakota	0.0470907257%
ND54	Stark County, North Dakota	3.3526741338%
ND55	Steele County, North Dakota	0.2434939387%
ND56	Stutsman County, North Dakota	1.9758860377%
ND57	Towner County, North Dakota	0.1807489391%
ND58	Traill County, North Dakota	1.0587643476%
ND59	Walsh County, North Dakota	2.0521094729%
ND60	Ward County, North Dakota	3.4849842097%
ND61	Wells County, North Dakota	0.4346604383%
ND62	West Fargo City, North Dakota	1.8417059171%
ND63	Williams County, North Dakota	2.3067369406%
ND64	Williston City, North Dakota	1.5016973817%

OH1	Aberdeen Village, Ohio	0.0087437716%
OH2	Ada Village, Ohio	0.0077636351%
OH3	Adams County, Ohio	0.3473544585%
OH4	Adams Township, Champaign County, Ohio	0.0001374611%
OH5	Adams Township, Clinton County, Ohio	0.0003122525%
OH6	Adams Township, Darke County, Ohio	0.0016731027%
OH7	Adams Township, Monroe County, Ohio	0.0000311703%
OH8	Adams Township, Muskingum County, Ohio	0.0001003092%
OH9	Adams Township, Seneca County, Ohio	0.0003810303%
OH10	Adams Township, Washington County, Ohio	0.0001169753%
OH11	Adamsville Village, Ohio	0.0000910884%
OH12	Addyston Village, Ohio	0.0025217854%
OH13	Adelphi Village, Ohio	0.0020068066%
OH14	Adena Village, Ohio	0.0003568983%
OH15	Aid Township, Ohio	0.0003303244%
OH16	Akron City, Ohio	0.8812077621%
OH17	Albany Village, Ohio	0.0019488925%
OH18	Alexander Township, Ohio	0.0001250626%
OH19	Alexandria Village, Ohio	0.0005560173%
OH20	Alger Village, Ohio	0.0005166462%
OH21	Allen County, Ohio	0.4092999560%
OH22	Allen Township, Darke County, Ohio	0.0006643202%
OH23	Allen Township, Hancock County, Ohio	0.0005903230%
OH24	Allen Township, Ottawa County, Ohio	0.0005976710%
OH25	Allen Township, Union County, Ohio	0.0028518922%
OH26	Alliance City, Ohio	0.0889490116%
OH27	Amanda Township, Fairfield County, Ohio	0.0018577114%
OH28	Amanda Township, Hancock County, Ohio	0.0001616361%
OH29	Amanda Village, Ohio	0.0005782400%
OH30	Amberley Village, Ohio	0.0192140009%
OH31	Amboy Township, Ohio	0.0017244001%
OH32	Amelia Village, Ohio	0.0138770427%
OH33	American Township, Ohio	0.0193901533%
OH34	Ames Township, Ohio	0.0004272973%
OH35	Amesville Village, Ohio	0.0000937970%
OH36	Amherst City, Ohio	0.0344767089%
OH37	Amherst Township, Ohio	0.0134400730%
OH38	Amsterdam Village, Ohio	0.0003984552%
OH39	Anderson Township, Ohio	0.0760877775%
OH40	Andover Township, Ohio	0.0010566751%
OH41	Andover Village, Ohio	0.0040505880%
OH42	Anna Village, Ohio	0.0028751504%
OH43	Ansonia Village, Ohio	0.0014885693%
OH44	Antioch Village, Ohio	0.0000311703%

OH45	Antwerp Village, Ohio	0.0009282725%
OH46	Apple Creek Village, Ohio	0.0004832518%
OH47	Aquilla Village, Ohio	0.0000095709%
OH48	Arcadia Village, Ohio	0.0000210830%
OH49	Arcanum Village, Ohio	0.0034200188%
OH50	Archbold Village, Ohio	0.0168893369%
OH51	Arlington Heights Village, Ohio	0.0024048815%
OH52	Arlington Village, Ohio	0.0017280808%
OH53	Ashland City, Ohio	0.0677959091%
OH54	Ashland County, Ohio	0.2064379332%
OH55	Ashley Village, Ohio	0.0012125812%
OH56	Ashtabula City, Ohio	0.0931048204%
OH57	Ashtabula County, Ohio	0.7429130666%
OH58	Ashtabula Township, Ohio	0.0174821031%
OH59	Ashville Village, Ohio	0.0024582550%
OH60	Athalia Village, Ohio	0.0000173855%
OH61	Athens City, Ohio	0.0700871751%
OH62	Athens County, Ohio	0.4584170235%
OH63	Athens Township, Athens County, Ohio	0.0025846274%
OH64	Athens Township, Harrison County, Ohio	0.0003148983%
OH65	Attica Village, Ohio	0.0007921419%
OH66	Atwater Township, Ohio	0.0004753019%
OH67	Auburn Township, Crawford County, Ohio	0.0007613308%
OH68	Auburn Township, Geauga County, Ohio	0.0067953249%
OH69	Auburn Township, Tuscarawas County, Ohio	0.0000098536%
OH70	Auglaize County, Ohio	0.1648586210%
OH71	Auglaize Township, Allen County, Ohio	0.0010226874%
OH72	Auglaize Township, Paulding County, Ohio	0.0000730923%
OH73	Augusta Township, Ohio	0.0004684152%
OH74	Aurelius Township, Ohio	0.0000083554%
OH75	Aurora City, Ohio	0.0294524674%
OH76	Austinburg Township, Ohio	0.0004813742%
OH77	Austintown Township, Ohio	0.0890063352%
OH78	Avon City, Ohio	0.0729757005%
OH79	Avon Lake City, Ohio	0.0663140992%
OH80	Bailey Lakes Village, Ohio	0.0000813388%
OH81	Bainbridge Township, Ohio	0.0406379571%
OH82	Bainbridge Village, Ohio	0.0022724133%
OH83	Bairdstown Village, Ohio	0.0000612234%
OH84	Ballville Township, Ohio	0.0021521086%
OH85	Baltic Village, Ohio	0.0009410120%
OH86	Baltimore Village, Ohio	0.0031532207%
OH87	Barberton City, Ohio	0.1164193916%
OH88	Barlow Township, Ohio	0.0003258598%

OH89	Barnesville Village, Ohio	0.0106861443%
OH90	Barnhill Village, Ohio	0.0006601909%
OH91	Bartlow Township, Ohio	0.0001082864%
OH92	Batavia Township, Ohio	0.0000517157%
OH93	Batavia Village, Ohio	0.0047750818%
OH94	Batesville Village, Ohio	0.0000517432%
OH95	Bath Township, Allen County, Ohio	0.0088564730%
OH96	Bath Township, Greene County, Ohio	0.0001754181%
OH97	Bath Township, Summit County, Ohio	0.0489522386%
OH98	Baughman Township, Ohio	0.0001353105%
OH99	Bay Township, Ohio	0.0000549583%
OH100	Bay View Village, Ohio	0.0012986334%
OH101	Bay Village City, Ohio	0.0295102794%
OH102	Bazetta Township, Ohio	0.0331455317%
OH103	Beach City Village, Ohio	0.0006531299%
OH104	Beachwood City, Ohio	0.0573216138%
OH105	Beallsville Village, Ohio	0.0001580913%
OH106	Bearfield Township, Ohio	0.0005486478%
OH107	Beaver Township, Mahoning County, Ohio	0.0148139167%
OH108	Beaver Township, Pike County, Ohio	0.0003380168%
OH109	Beaver Village, Ohio	0.0001859093%
OH110	Beavercreek City, Ohio	0.0843658046%
OH111	Beavercreek Township, Ohio	0.1348759090%
OH112	Beaverdam Village, Ohio	0.0000749971%
OH113	Bedford City, Ohio	0.0429793572%
OH114	Bedford Heights City, Ohio	0.0386687782%
OH115	Bedford Township, Ohio	0.0000306151%
OH116	Bellaire Village, Ohio	0.0010264323%
OH117	Bellbrook City, Ohio	0.0237949542%
OH118	Belle Center Village, Ohio	0.0005231767%
OH119	Belle Valley Village, Ohio	0.0001073626%
OH120	Bellefontaine City, Ohio	0.0729400123%
OH121	Bellevue City, Ohio	0.0299834456%
OH122	Bellville Village, Ohio	0.0011239941%
OH123	Belmont County, Ohio	0.4904799617%
OH124	Belmont Village, Ohio	0.0011248573%
OH125	Belmore Village, Ohio	0.0002483511%
OH126	Beloit Village, Ohio	0.0037587550%
OH127	Belpre City, Ohio	0.0099429019%
OH128	Belpre Township, Ohio	0.0009358025%
OH129	Bennington Township, Licking County, Ohio	0.0005560173%
OH130	Bennington Township, Morrow County, Ohio	0.0001476031%
OH131	Bentleyville Village, Ohio	0.0019992236%
OH132	Benton Ridge Village, Ohio	0.0000914068%

OH133	Benton Township, Hocking County, Ohio	0.0001089904%
OH134	Benton Township, Ottawa County, Ohio	0.0007968947%
OH135	Benton Township, Paulding County, Ohio	0.0002485139%
OH136	Benton Township, Pike County, Ohio	0.0003718185%
OH137	Berea City, Ohio	0.0293403849%
OH138	Bergholz Village, Ohio	0.0002390731%
OH139	Berkey Village, Ohio	0.0003639406%
OH140	Berkshire Township, Ohio	0.0000742397%
OH141	Berlin Heights Village, Ohio	0.0009142379%
OH142	Berlin Township, Delaware County, Ohio	0.0000164977%
OH143	Berlin Township, Erie County, Ohio	0.0001350579%
OH144	Berlin Township, Holmes County, Ohio	0.0000814306%
OH145	Berlin Township, Mahoning County, Ohio	0.0014985886%
OH146	Bern Township, Ohio	0.0001354845%
OH147	Berne Township, Ohio	0.0001629571%
OH148	Bethel Township, Clark County, Ohio	0.0138134025%
OH149	Bethel Township, Monroe County, Ohio	0.0000498724%
OH150	Bethel Village, Ohio	0.0057576798%
OH151	Bethesda Village, Ohio	0.0006889751%
OH152	Bethlehem Township, Coshocton County, Ohio	0.0000765378%
OH153	Bethlehem Township, Stark County, Ohio	0.0015140738%
OH154	Bettsville Village, Ohio	0.0009525757%
OH155	Beverly Village, Ohio	0.0019551589%
OH156	Bexley City, Ohio	0.0458668476%
OH157	Big Island Township, Ohio	0.0005578783%
OH158	Black Creek Township, Ohio	0.0001534027%
OH159	Blakeslee Village, Ohio	0.0000628635%
OH160	Blanchard Township, Hancock County, Ohio	0.0001475808%
OH161	Blanchard Township, Putnam County, Ohio	0.0006457128%
OH162	Blanchester Village, Ohio	0.0114641267%
OH163	Blendon Township, Ohio	0.0282639366%
OH164	Bloom Township, Fairfield County, Ohio	0.0118551321%
OH165	Bloom Township, Morgan County, Ohio	0.0001713719%
OH166	Bloom Township, Scioto County, Ohio	0.0000852977%
OH167	Bloom Township, Seneca County, Ohio	0.0009926842%
OH168	Bloomdale Village, Ohio	0.0005693772%
OH169	Bloomfield Township, Jackson County, Ohio	0.0013260530%
OH170	Bloomfield Township, Logan County, Ohio	0.0000099754%
OH171	Bloomingburg Village, Ohio	0.0002078369%
OH172	Bloomingdale Village, Ohio	0.0002231349%
OH173	Bloominggrove Township, Ohio	0.0001784118%
OH174	Bloomville Village, Ohio	0.0004411930%
OH175	Blue Ash City, Ohio	0.0851895858%

OH176	Blue Creek Township, Ohio	0.0000767469%
OH177	Blue Rock Township, Ohio	0.0001103402%
OH178	Bluffton Village, Ohio	0.0052836661%
OH179	Boardman Township, Ohio	0.1408673271%
OH180	Bokescreek Township, Ohio	0.0013367015%
OH181	Bolivar Village, Ohio	0.0004434118%
OH182	Boston Heights Village, Ohio	0.0077201699%
OH183	Boston Township, Ohio	0.0003662503%
OH184	Botkins Village, Ohio	0.0019522626%
OH185	Bowerston Village, Ohio	0.0000572542%
OH186	Bowersville Village, Ohio	0.0000916319%
OH187	Bowling Green City, Ohio	0.0752741164%
OH188	Bowling Green Township, Ohio	0.0000370678%
OH189	Braceville Township, Ohio	0.0037680877%
OH190	Bradford Village, Ohio	0.0028661348%
OH191	Bradner Village, Ohio	0.0009183503%
OH192	Brady Lake Village, Ohio	0.0002559318%
OH193	Brady Township, Ohio	0.0005029083%
OH194	Bratenahl Village, Ohio	0.0051323943%
OH195	Bratton Township, Ohio	0.0000790580%
OH196	Brecksville City, Ohio	0.0241013127%
OH197	Bremen Village, Ohio	0.0006844200%
OH198	Brewster Village, Ohio	0.0058880648%
OH199	Brice Village, Ohio	0.0005574892%
OH200	Bridgeport Village, Ohio	0.0050477971%
OH201	Bridgewater Township, Ohio	0.0004164709%
OH202	Brighton Township, Ohio	0.0000194784%
OH203	Brimfield Township, Ohio	0.0111960000%
OH204	Bristol Township, Morgan County, Ohio	0.0001285289%
OH205	Bristol Township, Trumbull County, Ohio	0.0252513027%
OH206	Broadview Heights City, Ohio	0.0226789401%
OH207	Bronson Township, Ohio	0.0009334281%
OH208	Brook Park City, Ohio	0.0389572037%
OH209	Brookfield Township, Noble County, Ohio	0.0000517432%
OH210	Brookfield Township, Trumbull County, Ohio	0.0346459468%
OH211	Brooklyn City, Ohio	0.0212407634%
OH212	Brooklyn Heights Village, Ohio	0.0100909430%
OH213	Brookside Village, Ohio	0.0001124857%
OH214	Brookville City, Ohio	0.0216648650%
OH215	Broughton Village, Ohio	0.0000073092%
OH216	Brown County, Ohio	0.4653422837%
OH217	Brown Township, Carroll County, Ohio	0.0009477238%
OH218	Brown Township, Darke County, Ohio	0.0007873425%
OH219	Brown Township, Delaware County, Ohio	0.0000082489%
OH220	Brown Township, Franklin County, Ohio	0.0003894787%
OH221	Brown Township, Knox County, Ohio	0.0039027192%
OH222	Brown Township, Miami County, Ohio	0.0006132702%

OH223	Brown Township, Paulding County, Ohio	0.0001315662%
OH224	Brown Township, Vinton County, Ohio	0.0000390135%
OH225	Brunswick City, Ohio	0.1197413086%
OH226	Brunswick Hills Township, Ohio	0.0200631640%
OH227	Brush Creek Township, Jefferson County, Ohio	0.0001275057%
OH228	Brush Creek Township, Scioto County, Ohio	0.0011088700%
OH229	Brushcreek Township, Ohio	0.0059850824%
OH230	Bryan City, Ohio	0.0285400457%
OH231	Buchtel Village, Ohio	0.0001849243%
OH232	Buckeye Lake Village, Ohio	0.0040562680%
OH233	Buckland Village, Ohio	0.0001068314%
OH234	Bucks Township, Ohio	0.0002857543%
OH235	Bucyrus City, Ohio	0.0467130847%
OH236	Bucyrus Township, Ohio	0.0002175231%
OH237	Buffalo Township, Ohio	0.0000689910%
OH238	Burbank Village, Ohio	0.0001559017%
OH239	Burgoon Village, Ohio	0.0001532454%
OH240	Burkettsville Village, Ohio	0.0000203512%
OH241	Burlington Township, Ohio	0.0012973736%
OH242	Burton Township, Ohio	0.0022682986%
OH243	Burton Village, Ohio	0.0036177927%
OH244	Butler County, Ohio	2.6887406714%
OH245	Butler Township, Columbiana County, Ohio	0.0017704304%
OH246	Butler Township, Darke County, Ohio	0.0006643202%
OH247	Butler Township, Mercer County, Ohio	0.0021025197%
OH248	Butler Township, Montgomery County, Ohio	0.0308007959%
OH249	Butler Township, Richland County, Ohio	0.0003925059%
OH250	Butler Village, Ohio	0.0004817118%
OH251	Butlerville Village, Ohio	0.0001866800%
OH252	Byesville Village, Ohio	0.0018493145%
OH253	Byrd Township, Ohio	0.0018293707%
OH254	Cadiz Township, Ohio	0.0013359320%
OH255	Cadiz Village, Ohio	0.0042081859%
OH256	Caesarscreek Township, Ohio	0.0004643421%
OH257	Cairo Village, Ohio	0.0000409075%
OH258	Caldwell Village, Ohio	0.0017937650%
OH259	Caledonia Village, Ohio	0.0007098142%
OH260	Cambridge City, Ohio	0.0668200845%
OH261	Cambridge Township, Ohio	0.0000951853%
OH262	Camden Township, Ohio	0.0003116539%
OH263	Camden Village, Ohio	0.0031099397%
OH264	Camp Creek Township, Ohio	0.0001943597%
OH265	Campbell City, Ohio	0.0206854359%
OH266	Canaan Township, Morrow County, Ohio	0.0000885618%

OH267	Canaan Township, Wayne County, Ohio	0.0002435589%
OH268	Canal Fulton City, Ohio	0.0143391696%
OH269	Canal Winchester City, Ohio	0.0017001990%
OH270	Canfield City, Ohio	0.0340253310%
OH271	Canfield Township, Ohio	0.0024198521%
OH272	Canton City, Ohio	0.4906093929%
OH273	Canton Township, Ohio	0.0238293446%
OH274	Cardington Village, Ohio	0.0026450469%
OH275	Carey Village, Ohio	0.0048237347%
OH276	Carlisle Township, Ohio	0.0046455904%
OH277	Carlisle Village, Ohio	0.0081658806%
OH278	Carroll County, Ohio	0.1274960868%
OH279	Carroll Township, Ohio	0.0031394902%
OH280	Carroll Village, Ohio	0.0008718207%
OH281	Carrollton Village, Ohio	0.0061329714%
OH282	Carryall Township, Ohio	0.0000511646%
OH283	Carthage Township, Ohio	0.0002397033%
OH284	Cass Township, Muskingum County, Ohio	0.0002006185%
OH285	Cass Township, Richland County, Ohio	0.0007850118%
OH286	Casstown Village, Ohio	0.0005337723%
OH287	Castalia Village, Ohio	0.0011427974%
OH288	Castine Village, Ohio	0.0005289957%
OH289	Catawba Island Township, Ohio	0.0060247984%
OH290	Catawba Village, Ohio	0.0002313575%
OH291	Cecil Village, Ohio	0.0000109638%
OH292	Cedarville Township, Ohio	0.0036837809%
OH293	Cedarville Village, Ohio	0.0036321873%
OH294	Celina City, Ohio	0.0165674940%
OH295	Center Township, Carroll County, Ohio	0.0001634007%
OH296	Center Township, Columbiana County, Ohio	0.0003327877%
OH297	Center Township, Guernsey County, Ohio	0.0001903706%
OH298	Center Township, Mercer County, Ohio	0.0004241134%
OH299	Center Township, Monroe County, Ohio	0.0005361288%
OH300	Center Township, Morgan County, Ohio	0.0000535537%
OH301	Center Township, Noble County, Ohio	0.0001724774%
OH302	Center Township, Williams County, Ohio	0.0005107662%
OH303	Center Township, Wood County, Ohio	0.0002510158%
OH304	Centerburg Village, Ohio	0.0041342364%
OH305	Centerville City, Ohio	0.0591550598%
OH306	Centerville Village, Ohio	0.0005060807%
OH307	Cessna Township, Ohio	0.0001110677%
OH308	Chagrin Falls Township, Ohio	0.0000039510%
OH309	Chagrin Falls Village, Ohio	0.0125168784%
OH310	Champaign County, Ohio	0.2269483026%
OH311	Champion Township, Ohio	0.0283714840%
OH312	Chardon City, Ohio	0.0479405386%
OH313	Chardon Township, Ohio	0.0039336317%

OH314	Charlestown Township, Ohio	0.0000121872%
OH315	Chatfield Township, Ohio	0.0008265878%
OH316	Chatfield Village, Ohio	0.0000870092%
OH317	Chatham Township, Ohio	0.0003778818%
OH318	Chauncey Village, Ohio	0.0000833751%
OH319	Cherry Fork Village, Ohio	0.0004264208%
OH320	Cherry Valley Township, Ohio	0.0004696334%
OH321	Chesapeake Village, Ohio	0.0021905725%
OH322	Cheshire Township, Ohio	0.0010496489%
OH323	Cheshire Village, Ohio	0.0001686936%
OH324	Chester Township, Clinton County, Ohio	0.0019181224%
OH325	Chester Township, Geauga County, Ohio	0.0252766944%
OH326	Chester Township, Morrow County, Ohio	0.0005136587%
OH327	Chester Township, Wayne County, Ohio	0.0004213956%
OH328	Chesterhill Village, Ohio	0.0000958805%
OH329	Chesterville Village, Ohio	0.0000531371%
OH330	Cheviot City, Ohio	0.0177109500%
OH331	Chickasaw Village, Ohio	0.0003251707%
OH332	Chillicothe City, Ohio	0.3116747707%
OH333	Chilo Village, Ohio	0.0001537865%
OH334	Chippewa Lake Village, Ohio	0.0005077787%
OH335	Chippewa Township, Ohio	0.0025863636%
OH336	Christiansburg Village, Ohio	0.0002537744%
OH337	Cincinnati City, Ohio	1.9225774768%
OH338	Circleville City, Ohio	0.3452050773%
OH339	Circleville Township, Ohio	0.0006412839%
OH340	Claibourne Township, Ohio	0.0000211028%
OH341	Claridon Township, Ohio	0.0025745668%
OH342	Clarington Village, Ohio	0.0000498724%
OH343	Clark County, Ohio	1.2151983585%
OH344	Clark Township, Brown County, Ohio	0.0053640868%
OH345	Clark Township, Clinton County, Ohio	0.0010928837%
OH346	Clarksburg Village, Ohio	0.0000295119%
OH347	Clarksfield Township, Ohio	0.0007412517%
OH348	Clarksville Village, Ohio	0.0004237712%
OH349	Clay Center Village, Ohio	0.0000618280%
OH350	Clay Township, Auglaize County, Ohio	0.0004451307%
OH351	Clay Township, Highland County, Ohio	0.0003613635%
OH352	Clay Township, Montgomery County, Ohio	0.0058148642%
OH353	Clay Township, Muskingum County, Ohio	0.0004012369%
OH354	Clay Township, Ottawa County, Ohio	0.0026311263%
OH355	Clay Township, Scioto County, Ohio	0.0064826249%
OH356	Clay Township, Tuscarawas County, Ohio	0.0000492680%
OH357	Clayton City, Ohio	0.0375148659%
OH358	Clayton Township, Ohio	0.0004303120%
OH359	Clear Creek Township, Ohio	0.0874295648%
OH360	Clearcreek Township, Ohio	0.0010918129%

OH361	Clermont County, Ohio	1.9148422650%
OH362	Cleveland City, Ohio	1.8006406770%
OH363	Cleveland Heights City, Ohio	0.0861404621%
OH364	Cleves Village, Ohio	0.0031981583%
OH365	Clifton Village, Ohio	0.0002996729%
OH366	Clinton County, Ohio	0.4003299792%
OH367	Clinton Township, Franklin County, Ohio	0.0107832149%
OH368	Clinton Township, Fulton County, Ohio	0.0006481787%
OH369	Clinton Township, Seneca County, Ohio	0.0007420064%
OH370	Clinton Township, Shelby County, Ohio	0.0005501831%
OH371	Clinton Township, Vinton County, Ohio	0.0002860993%
OH372	Clinton Township, Wayne County, Ohio	0.0001933007%
OH373	Clinton Village, Ohio	0.0011373034%
OH374	Cloverdale Village, Ohio	0.0001986809%
OH375	Clyde City, Ohio	0.0219912947%
OH376	Coal Grove Village, Ohio	0.0050070228%
OH377	Coal Township, Jackson County, Ohio	0.0004972699%
OH378	Coal Township, Perry County, Ohio	0.0003550074%
OH379	Coalton Village, Ohio	0.0024310971%
OH380	Coitsville Township, Ohio	0.0048028536%
OH381	Coldwater Village, Ohio	0.0054593322%
OH382	Colerain Township, Belmont County, Ohio	0.0006046108%
OH383	Colerain Township, Hamilton County, Ohio	0.1398087860%
OH384	College Corner Village, Ohio	0.0022611881%
OH385	College Township, Ohio	0.0028608916%
OH386	Columbia Township, Hamilton County, Ohio	0.0091268592%
OH387	Columbia Township, Lorain County, Ohio	0.0044508068%
OH388	Columbia Township, Meigs County, Ohio	0.0000676625%
OH389	Columbiana City, Ohio	0.0212455929%
OH390	Columbiana County, Ohio	0.6832396894%
OH391	Columbus City, Ohio	4.0358741733%
OH392	Columbus Grove Village, Ohio	0.0013907661%
OH393	Commercial Point Village, Ohio	0.0008841945%
OH394	Concord Township, Delaware County, Ohio	0.0132064120%
OH395	Concord Township, Fayette County, Ohio	0.0003201811%
OH396	Concord Township, Highland County, Ohio	0.0000677557%
OH397	Concord Township, Lake County, Ohio	0.0329119594%
OH398	Concord Township, Miami County, Ohio	0.0048266640%
OH399	Concord Township, Ross County, Ohio	0.0034233759%
OH400	Conesville Village, Ohio	0.0001949904%
OH401	Congress Township, Morrow County, Ohio	0.0000354247%
OH402	Congress Township, Wayne County, Ohio	0.0000386601%

OH403	Congress Village, Ohio	0.0001394121%
OH404	Conneaut City, Ohio	0.0500864015%
OH405	Continental Village, Ohio	0.0013742094%
OH406	Convoy Village, Ohio	0.0015735393%
OH407	Coolville Village, Ohio	0.0002918128%
OH408	Copley Township, Ohio	0.0644889601%
OH409	Corning Village, Ohio	0.0010865378%
OH410	Cortland City, Ohio	0.0349699000%
OH411	Corwin Village, Ohio	0.0004993129%
OH412	Coshocton City, Ohio	0.0177337984%
OH413	Coshocton County, Ohio	0.1889793769%
OH414	Coventry Township, Ohio	0.0112670146%
OH415	Covington Village, Ohio	0.0077226624%
OH416	Craig Beach Village, Ohio	0.0004176394%
OH417	Cranberry Township, Ohio	0.0001631423%
OH418	Crane Township, Paulding County, Ohio	0.0001169477%
OH419	Crane Township, Wyandot County, Ohio	0.0005667045%
OH420	Crawford County, Ohio	0.2595376809%
OH421	Crawford Township, Coshocton County, Ohio	0.0002372670%
OH422	Crawford Township, Wyandot County, Ohio	0.0001079437%
OH423	Crestline Village, Ohio	0.0166501207%
OH424	Creston Village, Ohio	0.0007596505%
OH425	Cridersville Village, Ohio	0.0045581388%
OH426	Crooksville Village, Ohio	0.0043353934%
OH427	Crosby Township, Ohio	0.0044757516%
OH428	Cross Creek Township, Ohio	0.0061202713%
OH429	Crown City Village, Ohio	0.0005435682%
OH430	Cumberland Village, Ohio	0.0007050617%
OH431	Custar Village, Ohio	0.0000244893%
OH432	Cuyahoga Falls City, Ohio	0.1811685822%
OH433	Cuyahoga Heights Village, Ohio	0.0193798260%
OH434	Cygnet Village, Ohio	0.0002510158%
OH435	Cynthian Township, Ohio	0.0000266218%
OH436	Dallas Township, Ohio	0.0001522662%
OH437	Dalton Village, Ohio	0.0011945985%
OH438	Damascus Township, Ohio	0.0007850761%
OH439	Danbury Township, Ohio	0.0038539475%
OH440	Danville Village, Ohio	0.0021828768%
OH441	Darby Township, Madison County, Ohio	0.0011346056%
OH442	Darby Township, Union County, Ohio	0.0004220559%
OH443	Darbyville Village, Ohio	0.0000242911%
OH444	Darke County, Ohio	0.2651621760%
OH445	Dayton City, Ohio	1.3353086202%
OH446	De Graff Village, Ohio	0.0013067754%

OH447	Decatur Township, Lawrence County, Ohio	0.0001043130%
OH448	Decatur Township, Washington County, Ohio	0.0001169753%
OH449	Deer Park City, Ohio	0.0107468140%
OH450	Deercreek Township, Ohio	0.0004275226%
OH451	Deerfield Township, Portage County, Ohio	0.0008693556%
OH452	Deerfield Township, Ross County, Ohio	0.0015346168%
OH453	Deerfield Township, Warren County, Ohio	0.1151454582%
OH454	Deersville Village, Ohio	0.0000209231%
OH455	Defiance City, Ohio	0.0658767007%
OH456	Defiance County, Ohio	0.1709704524%
OH457	Defiance Township, Ohio	0.0007172505%
OH458	Delaware City, Ohio	0.1151374756%
OH459	Delaware County, Ohio	0.4816174702%
OH460	Delaware Township, Defiance County, Ohio	0.0015007088%
OH461	Delaware Township, Delaware County, Ohio	0.0075064553%
OH462	Delaware Township, Hancock County, Ohio	0.0001335254%
OH463	Delhi Township, Ohio	0.0630446356%
OH464	Dellroy Village, Ohio	0.0002505477%
OH465	Delphos City, Ohio	0.0171051813%
OH466	Delta Village, Ohio	0.0085241620%
OH467	Dennison Village, Ohio	0.0062570335%
OH468	Deshler Village, Ohio	0.0009475056%
OH469	Dexter City Village, Ohio	0.0000689910%
OH470	Dillonvale Village, Ohio	0.0012431801%
OH471	Dinsmore Township, Ohio	0.0004170743%
OH472	Dodson Township, Ohio	0.0105924667%
OH473	Donnelsville Village, Ohio	0.0002721853%
OH474	Dorset Township, Ohio	0.0001174083%
OH475	Dover City, Ohio	0.0416708574%
OH476	Dover Township, Athens County, Ohio	0.0005002505%
OH477	Dover Township, Tuscarawas County, Ohio	0.0000886824%
OH478	Dover Township, Union County, Ohio	0.0005124965%
OH479	Doylestown Village, Ohio	0.0020721837%
OH480	Dresden Village, Ohio	0.0028086586%
OH481	Dublin City, Ohio	0.0949912950%
OH482	Dublin Township, Ohio	0.0004331371%
OH483	Duchouquet Township, Ohio	0.0010861190%
OH484	Dunham Township, Ohio	0.0004344797%
OH485	Dunkirk Village, Ohio	0.0005233559%
OH486	Dupont Village, Ohio	0.0006622696%
OH487	Eagle Township, Brown County, Ohio	0.0090538344%

OH488	Eagle Township, Vinton County, Ohio	0.0002210767%
OH489	East Canton Village, Ohio	0.0024838727%
OH490	East Cleveland City, Ohio	0.0558083674%
OH491	East Liverpool City, Ohio	0.0368861843%
OH492	East Palestine Village, Ohio	0.0165861370%
OH493	East Sparta Village, Ohio	0.0004354199%
OH494	East Union Township, Ohio	0.0003556733%
OH495	Eastlake City, Ohio	0.0700788770%
OH496	Eaton City, Ohio	0.0615604375%
OH497	Eaton Township, Ohio	0.0004480024%
OH498	Eden Township, Licking County, Ohio	0.0004448138%
OH499	Eden Township, Seneca County, Ohio	0.0001102982%
OH500	Eden Township, Wyandot County, Ohio	0.0000944507%
OH501	Edgerton Village, Ohio	0.0042354308%
OH502	Edinburg Township, Ohio	0.0011740363%
OH503	Edison Village, Ohio	0.0001948360%
OH504	Edon Village, Ohio	0.0013908558%
OH505	Eldorado Village, Ohio	0.0003273621%
OH506	Elgin Village, Ohio	0.0000619504%
OH507	Elida Village, Ohio	0.0011181382%
OH508	Elizabeth Township, Lawrence County, Ohio	0.0009562023%
OH509	Elizabeth Township, Miami County, Ohio	0.0000454274%
OH510	Elk Township, Noble County, Ohio	0.0000344955%
OH511	Elk Township, Vinton County, Ohio	0.0002600903%
OH512	Elkrun Township, Ohio	0.0004259682%
OH513	Ellsworth Township, Ohio	0.0001965362%
OH514	Elmore Village, Ohio	0.0016556174%
OH515	Elmwood Place Village, Ohio	0.0045008025%
OH516	Elyria City, Ohio	0.2638149975%
OH517	Elyria Township, Ohio	0.0007693955%
OH518	Empire Village, Ohio	0.0010041070%
OH519	Englewood City, Ohio	0.0628005329%
OH520	Enon Village, Ohio	0.0038378123%
OH521	Erie County, Ohio	0.4532438208%
OH522	Erie Township, Ohio	0.0006045408%
OH523	Euclid City, Ohio	0.0936790366%
OH524	Evendale Village, Ohio	0.0340357530%
OH525	Fairborn City, Ohio	0.1544298717%
OH526	Fairfax Village, Ohio	0.0079411190%
OH527	Fairfield City, Ohio	0.2893759753%
OH528	Fairfield County, Ohio	0.6244843622%
OH529	Fairfield Township, Butler County, Ohio	0.0801075425%
OH530	Fairfield Township, Columbiana County, Ohio	0.0024759402%
OH531	Fairfield Township, Huron County, Ohio	0.0006726173%

OH532	Fairfield Township, Tuscarawas County, Ohio	0.0004138510%
OH533	Fairfield Township, Washington County, Ohio	0.0000501323%
OH534	Fairlawn City, Ohio	0.0675346202%
OH535	Fairport Harbor Village, Ohio	0.0091069372%
OH536	Fairview Park City, Ohio	0.0218966352%
OH537	Fairview Village, Ohio	0.0000924858%
OH538	Falls Township, Hocking County, Ohio	0.0002873384%
OH539	Falls Township, Muskingum County, Ohio	0.0022068032%
OH540	Farmer Township, Ohio	0.0002869002%
OH541	Farmersville Village, Ohio	0.0013667928%
OH542	Farmington Township, Ohio	0.0015345154%
OH543	Fayette County, Ohio	0.2554820842%
OH544	Fayette Township, Ohio	0.0013386832%
OH545	Fayette Village, Ohio	0.0012352086%
OH546	Fayetteville Village, Ohio	0.0029455968%
OH547	Fearing Township, Ohio	0.0004177690%
OH548	Felicity Village, Ohio	0.0030684641%
OH549	Findlay City, Ohio	0.1162163280%
OH550	Fitchville Township, Ohio	0.0003431721%
OH551	Flatrock Township, Ohio	0.0001691974%
OH552	Fletcher Village, Ohio	0.0012151836%
OH553	Florence Township, Erie County, Ohio	0.0013194115%
OH554	Florence Township, Williams County, Ohio	0.0002671700%
OH555	Florida Village, Ohio	0.0015566164%
OH556	Flushing Township, Ohio	0.0005905501%
OH557	Flushing Village, Ohio	0.0004640036%
OH558	Forest Park City, Ohio	0.0861415180%
OH559	Forest Village, Ohio	0.0023324226%
OH560	Fort Jennings Village, Ohio	0.0004221969%
OH561	Fort Loramie Village, Ohio	0.0012778446%
OH562	Fort Recovery Village, Ohio	0.0009926059%
OH563	Fostoria City, Ohio	0.0512205361%
OH564	Fowler Township, Ohio	0.0047569976%
OH565	Frankfort Village, Ohio	0.0079678326%
OH566	Franklin City, Ohio	0.0535002847%
OH567	Franklin County, Ohio	5.7883029997%
OH568	Franklin Township, Adams County, Ohio	0.0010014012%
OH569	Franklin Township, Brown County, Ohio	0.0023874837%
OH570	Franklin Township, Clermont County, Ohio	0.0034132353%
OH571	Franklin Township, Columbiana County, Ohio	0.0006123293%
OH572	Franklin Township, Coshocton County, Ohio	0.0002449208%
OH573	Franklin Township, Darke County, Ohio	0.0004797868%

OH574	Franklin Township, Franklin County, Ohio	0.0440874644%
OH575	Franklin Township, Fulton County, Ohio	0.0000733787%
OH576	Franklin Township, Jackson County, Ohio	0.0003038871%
OH577	Franklin Township, Mercer County, Ohio	0.0012091744%
OH578	Franklin Township, Portage County, Ohio	0.0001990581%
OH579	Franklin Township, Richland County, Ohio	0.0008563765%
OH580	Franklin Township, Shelby County, Ohio	0.0011802315%
OH581	Franklin Township, Tuscarawas County, Ohio	0.0031235899%
OH582	Franklin Township, Warren County, Ohio	0.0035372089%
OH583	Frazeysburg Village, Ohio	0.0003209896%
OH584	Fredericksburg Village, Ohio	0.0001198464%
OH585	Fredericktown Village, Ohio	0.0055729507%
OH586	Freedom Township, Portage County, Ohio	0.0004265530%
OH587	Freedom Township, Wood County, Ohio	0.0012305895%
OH588	Freeport Township, Ohio	0.0002576440%
OH589	Freeport Village, Ohio	0.0001049661%
OH590	Fremont City, Ohio	0.0724844646%
OH591	Fulton County, Ohio	0.1830065436%
OH592	Fulton Village, Ohio	0.0001234266%
OH593	Fultonham Village, Ohio	0.0000100309%
OH594	Gahanna City, Ohio	0.0724048588%
OH595	Galena Village, Ohio	0.0001402305%
OH596	Galion City, Ohio	0.0440049221%
OH597	Gallia County, Ohio	0.3272280412%
OH598	Gallipolis Village, Ohio	0.0421733929%
OH599	Gambier Village, Ohio	0.0019348227%
OH600	Gann Village, Ohio	0.0000330739%
OH601	Garfield Heights City, Ohio	0.0512449222%
OH602	Garrettsville Village, Ohio	0.0040959299%
OH603	Gasper Township, Ohio	0.0060234621%
OH604	Gates Mills Village, Ohio	0.0065784730%
OH605	Geauga County, Ohio	0.4034987358%
OH606	Geneva City, Ohio	0.0306905423%
OH607	Geneva Township, Ohio	0.0015497902%
OH608	Geneva-On-The-Lake Village, Ohio	0.0052011898%
OH609	Genoa Township, Ohio	0.0490971668%
OH610	Genoa Village, Ohio	0.0023769444%
OH611	Georgetown Village, Ohio	0.0263243336%
OH612	German Township, Auglaize County, Ohio	0.0003115915%
OH613	German Township, Clark County, Ohio	0.0120986353%
OH614	German Township, Fulton County, Ohio	0.0012718979%
OH615	German Township, Harrison County, Ohio	0.0002671864%
OH616	German Township, Montgomery County, Ohio	0.0069298793%
OH617	Germantown City, Ohio	0.0166173231%
OH618	Gettysburg Village, Ohio	0.0016993673%

OH619	Gibson Township, Ohio	0.0000992606%
OH620	Gibsonburg Village, Ohio	0.0033999699%
OH621	Gilboa Village, Ohio	0.0001572890%
OH622	Gilead Township, Ohio	0.0002952061%
OH623	Girard City, Ohio	0.0699056997%
OH624	Glandorf Village, Ohio	0.0007698884%
OH625	Glendale Village, Ohio	0.0089682038%
OH626	Glenford Village, Ohio	0.0004004647%
OH627	Glenmont Village, Ohio	0.0000756142%
OH628	Glenwillow Village, Ohio	0.0043105790%
OH629	Gloria Glens Park Village, Ohio	0.0002361762%
OH630	Glouster Village, Ohio	0.0025846274%
OH631	Gnadenhutten Village, Ohio	0.0020889623%
OH632	Golf Manor Village, Ohio	0.0149804075%
OH633	Good Hope Township, Ohio	0.0000544952%
OH634	Gordon Village, Ohio	0.0000369067%
OH635	Gorham Township, Ohio	0.0003913532%
OH636	Goshen Township, Auglaize County, Ohio	0.0000178052%
OH637	Goshen Township, Belmont County, Ohio	0.0007592787%
OH638	Goshen Township, Champaign County, Ohio	0.0009305060%
OH639	Goshen Township, Clermont County, Ohio	0.0551461609%
OH640	Goshen Township, Hardin County, Ohio	0.0002665626%
OH641	Goshen Township, Mahoning County, Ohio	0.0098390939%
OH642	Goshen Township, Tuscarawas County, Ohio	0.0000492680%
OH643	Grafton Township, Ohio	0.0022594905%
OH644	Grafton Village, Ohio	0.0066908189%
OH645	Grand Prairie Township, Ohio	0.0006880499%
OH646	Grand Rapids Township, Ohio	0.0003306061%
OH647	Grand Rapids Village, Ohio	0.0005020315%
OH648	Grand River Village, Ohio	0.0044444886%
OH649	Grand Township, Ohio	0.0000371919%
OH650	Grandview Heights City, Ohio	0.0363742583%
OH651	Grandview Township, Ohio	0.0005932320%
OH652	Granger Township, Ohio	0.0028459226%
OH653	Granville Township, Licking County, Ohio	0.0126030583%
OH654	Granville Township, Mercer County, Ohio	0.0015971931%
OH655	Granville Village, Ohio	0.0103882561%
OH656	Gratiot Village, Ohio	0.0002067581%
OH657	Gratis Village, Ohio	0.0064162966%
OH658	Graysville Village, Ohio	0.0000309746%
OH659	Green Camp Township, Ohio	0.0011901403%
OH660	Green Camp Village, Ohio	0.0002045554%
OH661	Green City, Ohio	0.0847580205%

OH662	Green Creek Township, Ohio	0.0006872280%
OH663	Green Springs Village, Ohio	0.0016423298%
OH664	Green Township, Adams County, Ohio	0.0000263527%
OH665	Green Township, Brown County, Ohio	0.0034727036%
OH666	Green Township, Clark County, Ohio	0.0007485095%
OH667	Green Township, Clinton County, Ohio	0.0001561262%
OH668	Green Township, Fayette County, Ohio	0.0001235787%
OH669	Green Township, Gallia County, Ohio	0.0009184428%
OH670	Green Township, Hamilton County, Ohio	0.0953852812%
OH671	Green Township, Harrison County, Ohio	0.0005725423%
OH672	Green Township, Hocking County, Ohio	0.0033142996%
OH673	Green Township, Mahoning County, Ohio	0.0033902496%
OH674	Green Township, Monroe County, Ohio	0.0000062341%
OH675	Green Township, Ross County, Ohio	0.0105357346%
OH676	Green Township, Scioto County, Ohio	0.0218077775%
OH677	Green Township, Shelby County, Ohio	0.0000621174%
OH678	Greene County, Ohio	0.9063855073%
OH679	Greene Township, Ohio	0.0000341003%
OH680	Greenfield Township, Fairfield County, Ohio	0.0084982150%
OH681	Greenfield Township, Huron County, Ohio	0.0011256045%
OH682	Greenfield Village, Ohio	0.0148836578%
OH683	Greenhills Village, Ohio	0.0082250286%
OH684	Greensburg Township, Ohio	0.0001324539%
OH685	Greenville City, Ohio	0.0550893674%
OH686	Greenville Township, Ohio	0.0140737464%
OH687	Greenwich Village, Ohio	0.0017844949%
OH688	Groton Township, Ohio	0.0005921768%
OH689	Grove City, Ohio	0.0733060057%
OH690	Groveport City, Ohio	0.0125549613%
OH691	Grover Hill Village, Ohio	0.0001863854%
OH692	Guernsey County, Ohio	0.2910222727%
OH693	Guilford Township, Ohio	0.0060579183%
OH694	Gustavus Township, Ohio	0.0000511505%
OH695	Guyan Township, Ohio	0.0003561309%
OH696	Hambden Township, Ohio	0.0039432026%
OH697	Hamden Village, Ohio	0.0009493296%
OH698	Hamer Township, Ohio	0.0000451704%
OH699	Hamersville Village, Ohio	0.0007131445%
OH700	Hamilton City, Ohio	0.6764224012%
OH701	Hamilton County, Ohio	5.8561869769%
OH702	Hamilton Township, Franklin County, Ohio	0.0255910434%
OH703	Hamilton Township, Jackson County, Ohio	0.0005248960%
OH704	Hamilton Township, Lawrence County, Ohio	0.0009909733%

OH705	Hamilton Township, Warren County, Ohio	0.0450761424%
OH706	Hamler Village, Ohio	0.0004060738%
OH707	Hancock County, Ohio	0.2855617267%
OH708	Hanging Rock Village, Ohio	0.0019993320%
OH709	Hanover Township, Butler County, Ohio	0.0098235954%
OH710	Hanover Township, Columbiana County, Ohio	0.0013178391%
OH711	Hanover Township, Licking County, Ohio	0.0043184009%
OH712	Hanover Village, Ohio	0.0008062251%
OH713	Hanoverton Village, Ohio	0.0010440744%
OH714	Harbor View Village, Ohio	0.0001526700%
OH715	Hardin County, Ohio	0.2235793641%
OH716	Harding Township, Ohio	0.0000272955%
OH717	Hardy Township, Ohio	0.0013901375%
OH718	Harlan Township, Ohio	0.0030485156%
OH719	Harlem Township, Ohio	0.0049245646%
OH720	Harmony Township, Clark County, Ohio	0.0018916876%
OH721	Harmony Township, Morrow County, Ohio	0.0001180824%
OH722	Harpersfield Township, Ohio	0.0005048559%
OH723	Harpster Village, Ohio	0.0000822938%
OH724	Harris Township, Ohio	0.0004190567%
OH725	Harrisburg Village, Ohio	0.0002978367%
OH726	Harrison City, Ohio	0.0560804997%
OH727	Harrison County, Ohio	0.0770641930%
OH728	Harrison Township, Champaign County, Ohio	0.0001374611%
OH729	Harrison Township, Gallia County, Ohio	0.0002811560%
OH730	Harrison Township, Hamilton County, Ohio	0.0022712769%
OH731	Harrison Township, Henry County, Ohio	0.0000203037%
OH732	Harrison Township, Knox County, Ohio	0.0000165369%
OH733	Harrison Township, Licking County, Ohio	0.0003058095%
OH734	Harrison Township, Logan County, Ohio	0.0000199508%
OH735	Harrison Township, Montgomery County, Ohio	0.0328749640%
OH736	Harrison Township, Muskingum County, Ohio	0.0004112679%
OH737	Harrison Township, Paulding County, Ohio	0.0000657831%
OH738	Harrison Township, Perry County, Ohio	0.0020762554%
OH739	Harrison Township, Pickaway County, Ohio	0.0068306454%
OH740	Harrison Township, Preble County, Ohio	0.0015877060%
OH741	Harrison Township, Scioto County, Ohio	0.0071650064%
OH742	Harrison Township, Van Wert County, Ohio	0.0001858511%
OH743	Harrison Township, Vinton County, Ohio	0.0005201806%

OH744	Harrisville Township, Ohio	0.0067192115%
OH745	Harrisville Village, Ohio	0.0000619645%
OH746	Harrod Village, Ohio	0.0000673593%
OH747	Hartford Township, Licking County, Ohio	0.0007413564%
OH748	Hartford Township, Trumbull County, Ohio	0.0014833648%
OH749	Hartford Village, Ohio	0.0002502078%
OH750	Hartland Township, Ohio	0.0000960882%
OH751	Hartsgrove Township, Ohio	0.0005870417%
OH752	Hartville Village, Ohio	0.0099058031%
OH753	Harveysburg Village, Ohio	0.0012100978%
OH754	Haskins Village, Ohio	0.0008938610%
OH755	Haviland Village, Ohio	0.0000511646%
OH756	Hayesville Village, Ohio	0.0000894727%
OH757	Heath City, Ohio	0.0429986695%
OH758	Hebron Village, Ohio	0.0150402674%
OH759	Helena Village, Ohio	0.0000542548%
OH760	Hemlock Village, Ohio	0.0003549573%
OH761	Henrietta Township, Ohio	0.0004674808%
OH762	Henry County, Ohio	0.1089766836%
OH763	Hicksville Township, Ohio	0.0002096578%
OH764	Hicksville Village, Ohio	0.0077242363%
OH765	Higginsport Village, Ohio	0.0015866304%
OH766	Highland County, Ohio	0.3882850462%
OH767	Highland Heights City, Ohio	0.0224853394%
OH768	Highland Hills Village, Ohio	0.0015764629%
OH769	Highland Township, Defiance County, Ohio	0.0027365866%
OH770	Highland Township, Muskingum County, Ohio	0.0001705257%
OH771	Highland Village, Ohio	0.0000677557%
OH772	Hilliard City, Ohio	0.0500136505%
OH773	Hills and Dales Village, Ohio	0.0006069453%
OH774	Hillsboro City, Ohio	0.0707143136%
OH775	Hinckley Township, Ohio	0.0165323306%
OH776	Hiram Township, Ohio	0.0008287315%
OH777	Hiram Village, Ohio	0.0032539898%
OH778	Hocking County, Ohio	0.2559590488%
OH779	Holgate Village, Ohio	0.0002774838%
OH780	Holiday City Village, Ohio	0.0000613051%
OH781	Holland Village, Ohio	0.0097536077%
OH782	Hollansburg Village, Ohio	0.0003567645%
OH783	Holloway Village, Ohio	0.0002671536%
OH784	Holmes County, Ohio	0.1337033098%
OH785	Holmes Township, Ohio	0.0003480370%
OH786	Holmesville Village, Ohio	0.0000436236%
OH787	Homer Township, Medina County, Ohio	0.0010864103%

OH788	Homer Township, Morgan County, Ohio	0.0001820827%
OH789	Hopedale Village, Ohio	0.0002767288%
OH790	Hopewell Township, Licking County, Ohio	0.0002502078%
OH791	Hopewell Township, Muskingum County, Ohio	0.0007422883%
OH792	Hopewell Township, Perry County, Ohio	0.0012909360%
OH793	Hopewell Township, Seneca County, Ohio	0.0001303525%
OH794	Howard Township, Ohio	0.0000496108%
OH795	Howland Township, Ohio	0.0502639031%
OH796	Hoytville Village, Ohio	0.0002378935%
OH797	Hubbard City, Ohio	0.0289341396%
OH798	Hubbard Township, Ohio	0.0153110532%
OH799	Huber Heights City, Ohio	0.1252489167%
OH800	Hudson City, Ohio	0.0660214283%
OH801	Hunting Valley Village, Ohio	0.0076690112%
OH802	Huntington Township, Brown County, Ohio	0.0072244638%
OH803	Huntington Township, Ross County, Ohio	0.0066106570%
OH804	Huntsburg Township, Ohio	0.0006508198%
OH805	Huntsville Village, Ohio	0.0008479077%
OH806	Huron City, Ohio	0.0302737409%
OH807	Huron County, Ohio	0.3638859630%
OH808	Huron Township, Ohio	0.0007791800%
OH809	Independence City, Ohio	0.0311578609%
OH810	Independence Township, Ohio	0.0000751984%
OH811	Irondale Village, Ohio	0.0001593821%
OH812	Ironton City, Ohio	0.0888572696%
OH813	Island Creek Township, Ohio	0.0026616805%
OH814	Israel Township, Ohio	0.0004746750%
OH815	Ithaca Village, Ohio	0.0003813690%
OH816	Jackson Center Village, Ohio	0.0015263144%
OH817	Jackson City, Ohio	0.0556665988%
OH818	Jackson County, Ohio	0.4838159524%
OH819	Jackson Township, Allen County, Ohio	0.0004227108%
OH820	Jackson Township, Ashland County, Ohio	0.0000162678%
OH821	Jackson Township, Auglaize County, Ohio	0.0003115915%
OH822	Jackson Township, Brown County, Ohio	0.0004961005%
OH823	Jackson Township, Clermont County, Ohio	0.0014652778%
OH824	Jackson Township, Coshocton County, Ohio	0.0005510719%
OH825	Jackson Township, Crawford County, Ohio	0.0000108762%
OH826	Jackson Township, Franklin County, Ohio	0.0661350150%
OH827	Jackson Township, Guernsey County, Ohio	0.0010334405%
OH828	Jackson Township, Hardin County, Ohio	0.0015327348%

OH829	Jackson Township, Highland County, Ohio	0.0000451704%
OH830	Jackson Township, Jackson County, Ohio	0.0001105044%
OH831	Jackson Township, Mahoning County, Ohio	0.0058960862%
OH832	Jackson Township, Monroe County, Ohio	0.0000561065%
OH833	Jackson Township, Montgomery County, Ohio	0.0086323757%
OH834	Jackson Township, Muskingum County, Ohio	0.0011435253%
OH835	Jackson Township, Noble County, Ohio	0.0001207342%
OH836	Jackson Township, Paulding County, Ohio	0.0001534939%
OH837	Jackson Township, Pickaway County, Ohio	0.0001894702%
OH838	Jackson Township, Pike County, Ohio	0.0004309715%
OH839	Jackson Township, Richland County, Ohio	0.0004638706%
OH840	Jackson Township, Sandusky County, Ohio	0.0004340387%
OH841	Jackson Township, Seneca County, Ohio	0.0004311659%
OH842	Jackson Township, Shelby County, Ohio	0.0013665838%
OH843	Jackson Township, Stark County, Ohio	0.1371869620%
OH844	Jackson Township, Union County, Ohio	0.0001416902%
OH845	Jackson Township, Vinton County, Ohio	0.0000910316%
OH846	Jackson Township, Wood County, Ohio	0.0001346914%
OH847	Jackson Township, Wyandot County, Ohio	0.0001214367%
OH848	Jacksonburg Village, Ohio	0.0002870780%
OH849	Jacksonville Village, Ohio	0.0008441727%
OH850	Jamestown Village, Ohio	0.0034877253%
OH851	Jefferson County, Ohio	0.6622324840%
OH852	Jefferson Township, Adams County, Ohio	0.0007642272%
OH853	Jefferson Township, Brown County, Ohio	0.0006821382%
OH854	Jefferson Township, Clinton County, Ohio	0.0014720474%
OH855	Jefferson Township, Coshocton County, Ohio	0.0000612302%
OH856	Jefferson Township, Crawford County, Ohio	0.0004567985%
OH857	Jefferson Township, Fayette County, Ohio	0.0005898074%
OH858	Jefferson Township, Franklin County, Ohio	0.0261561693%
OH859	Jefferson Township, Greene County, Ohio	0.0000619123%
OH860	Jefferson Township, Guernsey County, Ohio	0.0000679895%
OH861	Jefferson Township, Jackson County, Ohio	0.0000828783%
OH862	Jefferson Township, Knox County, Ohio	0.0006284039%
OH863	Jefferson Township, Logan County, Ohio	0.0002493846%

OH864	Jefferson Township, Madison County, Ohio	0.0262668976%
OH865	Jefferson Township, Montgomery County, Ohio	0.0133322246%
OH866	Jefferson Township, Muskingum County, Ohio	0.0005015462%
OH867	Jefferson Township, Noble County, Ohio	0.0000172477%
OH868	Jefferson Township, Preble County, Ohio	0.0008020371%
OH869	Jefferson Township, Richland County, Ohio	0.0017662765%
OH870	Jefferson Township, Ross County, Ohio	0.0009148677%
OH871	Jefferson Township, Scioto County, Ohio	0.0036109358%
OH872	Jefferson Township, Tuscarawas County, Ohio	0.0008079949%
OH873	Jefferson Township, Williams County, Ohio	0.0002200224%
OH874	Jefferson Village, Ohio	0.0039566613%
OH875	Jeffersonville Village, Ohio	0.0000112344%
OH876	Jenera Village, Ohio	0.0001194701%
OH877	Jennings Township, Ohio	0.0002731862%
OH878	Jerome Township, Ohio	0.0044044550%
OH879	Jeromesville Village, Ohio	0.0003085668%
OH880	Jerry City Village, Ohio	0.0003417298%
OH881	Jersey Township, Ohio	0.0017699883%
OH882	Jerusalem Township, Ohio	0.0021563480%
OH883	Jerusalem Village, Ohio	0.0000311703%
OH884	Jewett Village, Ohio	0.0001813051%
OH885	Johnson Township, Ohio	0.0002326265%
OH886	Johnston Township, Ohio	0.0002216522%
OH887	Johnstown Village, Ohio	0.0092206199%
OH888	Junction City Village, Ohio	0.0017212480%
OH889	Kalida Village, Ohio	0.0022682733%
OH890	Kelleys Island Village, Ohio	0.0028777715%
OH891	Kent City, Ohio	0.0513285414%
OH892	Kenton City, Ohio	0.0306658035%
OH893	Kettering City, Ohio	0.3384195127%
OH894	Kettlersville Village, Ohio	0.0000266218%
OH895	Killbuck Township, Ohio	0.0002093931%
OH896	Killbuck Village, Ohio	0.0010702314%
OH897	Kingston Township, Ohio	0.0000164977%
OH898	Kingston Village, Ohio	0.0076824625%
OH899	Kingsville Township, Ohio	0.0011036385%
OH900	Kinsman Township, Ohio	0.0020801208%
OH901	Kipton Village, Ohio	0.0000973918%
OH902	Kirby Village, Ohio	0.0000472254%
OH903	Kirkersville Village, Ohio	0.0005560173%
OH904	Kirkwood Township, Ohio	0.0000140607%
OH905	Kirtland City, Ohio	0.0223930205%

OH906	Kirtland Hills Village, Ohio	0.0096850050%
OH907	Knox County, Ohio	0.3115395206%
OH908	Knox Township, Columbiana County, Ohio	0.0005191487%
OH909	Knox Township, Guernsey County, Ohio	0.0002039685%
OH910	Knox Township, Jefferson County, Ohio	0.0010041070%
OH911	Knox Township, Vinton County, Ohio	0.0001170406%
OH912	La Grange Township, Ohio	0.0042170664%
OH913	La Rue Village, Ohio	0.0006694539%
OH914	Lafayette Township, Ohio	0.0073805047%
OH915	Lafayette Village, Ohio	0.0000886329%
OH916	Lagrange Village, Ohio	0.0054247251%
OH917	Lake County, Ohio	1.2794251773%
OH918	Lake Township, Stark County, Ohio	0.0367336076%
OH919	Lake Township, Wood County, Ohio	0.0141058613%
OH920	Lakeline Village, Ohio	0.0000947652%
OH921	Lakemore Village, Ohio	0.0083562888%
OH922	Lakeview Village, Ohio	0.0008279569%
OH923	Lakewood City, Ohio	0.1008106545%
OH924	Lancaster City, Ohio	0.1565040398%
OH925	Latty Township, Ohio	0.0000877108%
OH926	Latty Village, Ohio	0.0000219277%
OH927	Laura Village, Ohio	0.0001135686%
OH928	Laurel Township, Ohio	0.0001089904%
OH929	Laurelville Village, Ohio	0.0007183460%
OH930	Lawrence County, Ohio	0.5322395718%
OH931	Lawrence Township, Lawrence County, Ohio	0.0093186258%
OH932	Lawrence Township, Stark County, Ohio	0.0140521883%
OH933	Lawrence Township, Tuscarawas County, Ohio	0.0052322595%
OH934	Lawrence Township, Washington County, Ohio	0.0000334215%
OH935	Lebanon City, Ohio	0.0873597515%
OH936	Lebanon Township, Ohio	0.0004736376%
OH937	Lee Township, Athens County, Ohio	0.0005836255%
OH938	Lee Township, Carroll County, Ohio	0.0000980404%
OH939	Lee Township, Monroe County, Ohio	0.0000872768%
OH940	Leesburg Township, Ohio	0.0001989692%
OH941	Leesburg Village, Ohio	0.0054882077%
OH942	Leesville Village, Ohio	0.0000217868%
OH943	Leetonia Village, Ohio	0.0074544436%
OH944	Leipsic Village, Ohio	0.0030629968%
OH945	Lemon Township, Ohio	0.0041524079%
OH946	Lenox Township, Ohio	0.0002582984%
OH947	Leroy Township, Ohio	0.0053731877%
OH948	Letart Township, Ohio	0.0005413001%
OH949	Lewis Township, Ohio	0.0039998104%

OH950	Lewisburg Village, Ohio	0.0132254277%
OH951	Lewisville Village, Ohio	0.0001745536%
OH952	Lexington Township, Ohio	0.0014349065%
OH953	Lexington Village, Ohio	0.0093220146%
OH954	Liberty Center Village, Ohio	0.0002842517%
OH955	Liberty Township, Adams County, Ohio	0.0005534059%
OH956	Liberty Township, Butler County, Ohio	0.1149425287%
OH957	Liberty Township, Clinton County, Ohio	0.0016058699%
OH958	Liberty Township, Crawford County, Ohio	0.0001413900%
OH959	Liberty Township, Darke County, Ohio	0.0010825959%
OH960	Liberty Township, Delaware County, Ohio	0.0646792482%
OH961	Liberty Township, Guernsey County, Ohio	0.0001631748%
OH962	Liberty Township, Hancock County, Ohio	0.0013703927%
OH963	Liberty Township, Hardin County, Ohio	0.0010773571%
OH964	Liberty Township, Henry County, Ohio	0.0006632539%
OH965	Liberty Township, Highland County, Ohio	0.0016487208%
OH966	Liberty Township, Jackson County, Ohio	0.0018785750%
OH967	Liberty Township, Knox County, Ohio	0.0003803498%
OH968	Liberty Township, Licking County, Ohio	0.0000926695%
OH969	Liberty Township, Logan County, Ohio	0.0003591138%
OH970	Liberty Township, Mercer County, Ohio	0.0002526633%
OH971	Liberty Township, Putnam County, Ohio	0.0002235160%
OH972	Liberty Township, Seneca County, Ohio	0.0003409218%
OH973	Liberty Township, Trumbull County, Ohio	0.0688997396%
OH974	Liberty Township, Union County, Ohio	0.0017726349%
OH975	Liberty Township, Wood County, Ohio	0.0002142817%
OH976	Lick Township, Ohio	0.0000552522%
OH977	Licking County, Ohio	0.7119059883%
OH978	Licking Township, Licking County, Ohio	0.0031507646%
OH979	Licking Township, Muskingum County, Ohio	0.0012839582%
OH980	Lima City, Ohio	0.1727455397%
OH981	Limaville Village, Ohio	0.0003869608%
OH982	Lincoln Heights Village, Ohio	0.0083419326%
OH983	Lincoln Township, Ohio	0.0001771237%
OH984	Lindsey Village, Ohio	0.0006510581%
OH985	Linndale Village, Ohio	0.0028091858%
OH986	Lisbon Village, Ohio	0.0009584285%
OH987	Litchfield Township, Ohio	0.0019838797%
OH988	Lithopolis Village, Ohio	0.0014069809%
OH989	Liverpool Township, Columbiana County, Ohio	0.0053112911%
OH990	Liverpool Township, Medina County, Ohio	0.0054202427%
OH991	Lockbourne Village, Ohio	0.0000076368%
OH992	Lockington Village, Ohio	0.0000443696%

OH993	Lockland Village, Ohio	0.0146296956%
OH994	Lodi Township, Ohio	0.0003856097%
OH995	Lodi Village, Ohio	0.0068845348%
OH996	Logan City, Ohio	0.0081742815%
OH997	Logan County, Ohio	0.2671308245%
OH998	Logan Township, Ohio	0.0001602471%
OH999	London City, Ohio	0.0432082694%
OH1000	Londonderry Township, Ohio	0.0001223811%
OH1001	Lorain City, Ohio	0.2833225817%
OH1002	Lorain County, Ohio	1.3357776870%
OH1003	Lordstown Village, Ohio	0.0208012082%
OH1004	Lore City Village, Ohio	0.0001903706%
OH1005	Lostcreek Township, Ohio	0.0008063368%
OH1006	Loudon Township, Carroll County, Ohio	0.0003703748%
OH1007	Loudon Township, Seneca County, Ohio	0.0000802169%
OH1008	Loudonville Village, Ohio	0.0063961356%
OH1009	Louisville City, Ohio	0.0170110645%
OH1010	Loveland City, Ohio	0.0476149868%
OH1011	Lowell Village, Ohio	0.0000835538%
OH1012	Lowellville Village, Ohio	0.0039921417%
OH1013	Lower Salem Village, Ohio	0.0000220891%
OH1014	Lucas County, Ohio	3.1972089435%
OH1015	Lucas Village, Ohio	0.0007671706%
OH1016	Luckey Village, Ohio	0.0005693772%
OH1017	Ludlow Falls Village, Ohio	0.0002558525%
OH1018	Ludlow Township, Ohio	0.0000501323%
OH1019	Lykens Township, Ohio	0.0000217523%
OH1020	Lynchburg Village, Ohio	0.0028908592%
OH1021	Lyndhurst City, Ohio	0.0338761729%
OH1022	Lynn Township, Ohio	0.0000111068%
OH1023	Lyons Village, Ohio	0.0001442518%
OH1024	Macedonia City, Ohio	0.0527014847%
OH1025	Macksburg Village, Ohio	0.0000477742%
OH1026	Mad River Township, Champaign County, Ohio	0.0003806616%
OH1027	Mad River Township, Clark County, Ohio	0.0132962505%
OH1028	Madeira City, Ohio	0.0133187012%
OH1029	Madison County, Ohio	0.2562654482%
OH1030	Madison Township, Butler County, Ohio	0.0065436778%
OH1031	Madison Township, Clark County, Ohio	0.0028035083%
OH1032	Madison Township, Columbiana County, Ohio	0.0001863611%
OH1033	Madison Township, Fayette County, Ohio	0.0003651188%
OH1034	Madison Township, Franklin County, Ohio	0.0648596631%
OH1035	Madison Township, Guernsey County, Ohio	0.0001087832%

OH1036	Madison Township, Hancock County, Ohio	0.0001546084%
OH1037	Madison Township, Highland County, Ohio	0.0000451704%
OH1038	Madison Township, Lake County, Ohio	0.0185550292%
OH1039	Madison Township, Licking County, Ohio	0.0016124501%
OH1040	Madison Township, Muskingum County, Ohio	0.0000200618%
OH1041	Madison Township, Pickaway County, Ohio	0.0005781272%
OH1042	Madison Township, Richland County, Ohio	0.0162443911%
OH1043	Madison Township, Sandusky County, Ohio	0.0010398844%
OH1044	Madison Township, Scioto County, Ohio	0.0090415557%
OH1045	Madison Township, Williams County, Ohio	0.0001650168%
OH1046	Madison Village, Ohio	0.0069557668%
OH1047	Magnetic Springs Village, Ohio	0.0003286007%
OH1048	Magnolia Village, Ohio	0.0039121470%
OH1049	Mahoning County, Ohio	1.6000258367%
OH1050	Maineville Village, Ohio	0.0020362222%
OH1051	Malaga Township, Ohio	0.0000561065%
OH1052	Malinta Village, Ohio	0.0000609111%
OH1053	Malta Village, Ohio	0.0001392397%
OH1054	Malvern Village, Ohio	0.0005882424%
OH1055	Manchester Township, Ohio	0.0013966912%
OH1056	Manchester Village, Ohio	0.0025562084%
OH1057	Mansfield City, Ohio	0.2140405926%
OH1058	Mantua Township, Ohio	0.0000649985%
OH1059	Mantua Village, Ohio	0.0015884020%
OH1060	Maple Heights City, Ohio	0.0395380059%
OH1061	Marble Cliff Village, Ohio	0.0004658471%
OH1062	Marblehead Village, Ohio	0.0019235388%
OH1063	Marengo Village, Ohio	0.0002597814%
OH1064	Margaretta Township, Ohio	0.0078229674%
OH1065	Mariemont Village, Ohio	0.0153812210%
OH1066	Marietta City, Ohio	0.0852917164%
OH1067	Marietta Township, Ohio	0.0002088845%
OH1068	Marion City, Ohio	0.2496505326%
OH1069	Marion County, Ohio	0.3374233828%
OH1070	Marion Township, Allen County, Ohio	0.0001840837%
OH1071	Marion Township, Clinton County, Ohio	0.0020965523%
OH1072	Marion Township, Fayette County, Ohio	0.0007695582%
OH1073	Marion Township, Hardin County, Ohio	0.0006108726%
OH1074	Marion Township, Henry County, Ohio	0.0000947506%
OH1075	Marion Township, Hocking County, Ohio	0.0001634856%
OH1076	Marion Township, Marion County, Ohio	0.0526451142%

OH1077	Marion Township, Mercer County, Ohio	0.0015069562%
OH1078	Marion Township, Pike County, Ohio	0.0001943597%
OH1079	Mark Township, Ohio	0.0001324155%
OH1080	Marlboro Township, Delaware County, Ohio	0.0001979724%
OH1081	Marlboro Township, Stark County, Ohio	0.0048193068%
OH1082	Marseilles Township, Ohio	0.0000067465%
OH1083	Marseilles Village, Ohio	0.0000067465%
OH1084	Marshall Township, Ohio	0.0006323861%
OH1085	Marshallville Village, Ohio	0.0004600557%
OH1086	Martins Ferry City, Ohio	0.0347299689%
OH1087	Martinsburg Village, Ohio	0.0000165369%
OH1088	Martinsville Village, Ohio	0.0006022012%
OH1089	Mary Ann Township, Ohio	0.0009452294%
OH1090	Marysville City, Ohio	0.0386422342%
OH1091	Mason City, Ohio	0.1510527828%
OH1092	Mason Township, Ohio	0.0000347710%
OH1093	Massie Township, Ohio	0.0001279911%
OH1094	Massillon City, Ohio	0.1194930798%
OH1095	Matamoras Village, Ohio	0.0003175044%
OH1096	Maumee City, Ohio	0.0830057490%
OH1097	Mayfield Heights City, Ohio	0.0460098010%
OH1098	Mayfield Village, Ohio	0.0222206201%
OH1099	McArthur Village, Ohio	0.0034201873%
OH1100	McClure Village, Ohio	0.0000744469%
OH1101	McComb Village, Ohio	0.0019536880%
OH1102	McConnelsville Village, Ohio	0.0038344466%
OH1103	McDonald Township, Ohio	0.0004331642%
OH1104	McDonald Village, Ohio	0.0085762358%
OH1105	McGuffey Village, Ohio	0.0000111068%
OH1106	McKean Township, Ohio	0.0016773188%
OH1107	McLean Township, Ohio	0.0000088739%
OH1108	Mead Township, Ohio	0.0016310431%
OH1109	Mecca Township, Ohio	0.0015686157%
OH1110	Mechanicsburg Village, Ohio	0.0059742716%
OH1111	Medina City, Ohio	0.0850942672%
OH1112	Medina County, Ohio	0.7825696764%
OH1113	Medina Township, Ohio	0.0180792844%
OH1114	Meigs County, Ohio	0.1986571471%
OH1115	Meigs Township, Ohio	0.0019764498%
OH1116	Meigsville Township, Ohio	0.0000749752%
OH1117	Melrose Village, Ohio	0.0001123652%
OH1118	Mendon Village, Ohio	0.0000902369%
OH1119	Mentor City, Ohio	0.2495262895%
OH1120	Mentor-On-The-Lake City, Ohio	0.0195974466%
OH1121	Mercer County, Ohio	0.1655486085%
OH1122	Mesopotamia Township, Ohio	0.0029496795%

OH1123	Metamora Village, Ohio	0.0001589872%
OH1124	Meyers Lake Village, Ohio	0.0015027860%
OH1125	Miami County, Ohio	0.5778482109%
OH1126	Miami Township, Clermont County, Ohio	0.2187745945%
OH1127	Miami Township, Greene County, Ohio	0.0056649739%
OH1128	Miami Township, Hamilton County, Ohio	0.0222368033%
OH1129	Miami Township, Logan County, Ohio	0.0002394092%
OH1130	Miami Township, Montgomery County, Ohio	0.1354683508%
OH1131	Miamisburg City, Ohio	0.1660413479%
OH1132	Middle Point Village, Ohio	0.0010159860%
OH1133	Middleburg Heights City, Ohio	0.0377244809%
OH1134	Middlebury Township, Ohio	0.0002811281%
OH1135	Middlefield Village, Ohio	0.0110639374%
OH1136	Middleport Village, Ohio	0.0066985891%
OH1137	Middleton Township, Columbiana County, Ohio	0.0013311506%
OH1138	Middleton Township, Wood County, Ohio	0.0032264709%
OH1139	Middletown City, Ohio	0.5826547123%
OH1140	Midland Village, Ohio	0.0000223037%
OH1141	Midvale Village, Ohio	0.0004926798%
OH1142	Midway Village, Ohio	0.0006778443%
OH1143	Mifflin Township, Ashland County, Ohio	0.0003416231%
OH1144	Mifflin Township, Franklin County, Ohio	0.0915733216%
OH1145	Mifflin Township, Pike County, Ohio	0.0001267563%
OH1146	Mifflin Township, Richland County, Ohio	0.0080552911%
OH1147	Mifflin Township, Wyandot County, Ohio	0.0001214367%
OH1148	Mifflin Village, Ohio	0.0001545438%
OH1149	Milan Township, Ohio	0.0020258680%
OH1150	Milan Village, Ohio	0.0040820332%
OH1151	Milford Center Village, Ohio	0.0000633084%
OH1152	Milford City, Ohio	0.0751522099%
OH1153	Milford Township, Butler County, Ohio	0.0015672512%
OH1154	Milford Township, Defiance County, Ohio	0.0002979348%
OH1155	Mill Creek Township, Coshocton County, Ohio	0.0000229613%
OH1156	Mill Creek Township, Williams County, Ohio	0.0000628635%
OH1157	Mill Township, Ohio	0.0121593375%
OH1158	Millbury Village, Ohio	0.0009905091%
OH1159	Millcreek Township, Ohio	0.0000180881%
OH1160	Milledgeville Village, Ohio	0.0000257235%
OH1161	Miller City Village, Ohio	0.0000248351%
OH1162	Miller Township, Ohio	0.0008599212%
OH1163	Millersburg Village, Ohio	0.0018263731%
OH1164	Millersport Village, Ohio	0.0058664571%
OH1165	Millville Village, Ohio	0.0076100550%

OH1166	Millwood Township, Ohio	0.0000543916%
OH1167	Milton Center Village, Ohio	0.0000061223%
OH1168	Milton Township, Ashland County, Ohio	0.0000162678%
OH1169	Milton Township, Mahoning County, Ohio	0.0048642711%
OH1170	Miltonsburg Village, Ohio	0.0000172975%
OH1171	Mineral City Village, Ohio	0.0026506173%
OH1172	Minerva Park Village, Ohio	0.0030776456%
OH1173	Minerva Village, Ohio	0.0118214870%
OH1174	Mingo Junction Village, Ohio	0.0074909571%
OH1175	Minster Village, Ohio	0.0056442578%
OH1176	Mississinawa Township, Ohio	0.0003444623%
OH1177	Mogadore Village, Ohio	0.0107618198%
OH1178	Monclova Township, Ohio	0.0108181339%
OH1179	Monday Creek Township, Ohio	0.0000430312%
OH1180	Monroe City, Ohio	0.1198391105%
OH1181	Monroe County, Ohio	0.0768222745%
OH1182	Monroe Township, Adams County, Ohio	0.0016865705%
OH1183	Monroe Township, Allen County, Ohio	0.0002727166%
OH1184	Monroe Township, Carroll County, Ohio	0.0010130841%
OH1185	Monroe Township, Clermont County, Ohio	0.0034821896%
OH1186	Monroe Township, Darke County, Ohio	0.0006151113%
OH1187	Monroe Township, Guernsey County, Ohio	0.0001903706%
OH1188	Monroe Township, Harrison County, Ohio	0.0003530677%
OH1189	Monroe Township, Knox County, Ohio	0.0021828768%
OH1190	Monroe Township, Licking County, Ohio	0.0160503654%
OH1191	Monroe Township, Logan County, Ohio	0.0001895323%
OH1192	Monroe Township, Muskingum County, Ohio	0.0001203711%
OH1193	Monroe Township, Perry County, Ohio	0.0000753046%
OH1194	Monroe Township, Pickaway County, Ohio	0.0003740823%
OH1195	Monroe Township, Preble County, Ohio	0.0020296448%
OH1196	Monroe Township, Putnam County, Ohio	0.0007698884%
OH1197	Monroe Township, Richland County, Ohio	0.0011596765%
OH1198	Monroeville Village, Ohio	0.0057515643%
OH1199	Monterey Township, Ohio	0.0001158972%
OH1200	Montezuma Village, Ohio	0.0003248528%
OH1201	Montgomery City, Ohio	0.0491831661%
OH1202	Montgomery County, Ohio	5.1644746001%
OH1203	Montgomery Township, Marion County, Ohio	0.0007252418%
OH1204	Montgomery Township, Wood County, Ohio	0.0011448768%
OH1205	Montpelier Village, Ohio	0.0054141221%

OH1206	Montville Township, Geauga County, Ohio	0.0005742528%
OH1207	Montville Township, Medina County, Ohio	0.0202875314%
OH1208	Moorefield Township, Ohio	0.0090773788%
OH1209	Moraine City, Ohio	0.0890573422%
OH1210	Moreland Hills Village, Ohio	0.0034611065%
OH1211	Morgan County, Ohio	0.0873568346%
OH1212	Morgan Township, Ashtabula County, Ohio	0.0013032327%
OH1213	Morgan Township, Butler County, Ohio	0.0060266465%
OH1214	Morgan Township, Gallia County, Ohio	0.0004498495%
OH1215	Morgan Township, Knox County, Ohio	0.0013394926%
OH1216	Morgan Township, Scioto County, Ohio	0.0014216283%
OH1217	Morral Village, Ohio	0.0008926053%
OH1218	Morris Township, Ohio	0.0000330739%
OH1219	Morristown Village, Ohio	0.0004780643%
OH1220	Morrow County, Ohio	0.2192732037%
OH1221	Morrow Village, Ohio	0.0015475289%
OH1222	Moscow Village, Ohio	0.0010343137%
OH1223	Moulton Township, Ohio	0.0002403706%
OH1224	Mount Blanchard Village, Ohio	0.0000632489%
OH1225	Mount Cory Village, Ohio	0.0001194701%
OH1226	Mount Eaton Village, Ohio	0.0003286112%
OH1227	Mount Gilead Village, Ohio	0.0047705309%
OH1228	Mount Healthy City, Ohio	0.0150472097%
OH1229	Mount Orab Village, Ohio	0.0858253892%
OH1230	Mount Pleasant Township, Ohio	0.0009562924%
OH1231	Mount Pleasant Village, Ohio	0.0001593821%
OH1232	Mount Sterling Village, Ohio	0.0092167280%
OH1233	Mount Vernon City, Ohio	0.0916146794%
OH1234	Mount Victory Village, Ohio	0.0003726928%
OH1235	Mowrystown Village, Ohio	0.0099826658%
OH1236	Munroe Falls City, Ohio	0.0144765234%
OH1237	Munson Township, Ohio	0.0126431327%
OH1238	Murray City Village, Ohio	0.0003666041%
OH1239	Muskingum County, Ohio	0.5186890264%
OH1240	Muskingum Township, Ohio	0.0034591272%
OH1241	Mutual Village, Ohio	0.0000512624%
OH1242	Napoleon City, Ohio	0.0200262083%
OH1243	Napoleon Township, Ohio	0.0008595230%
OH1244	Nashville Village, Ohio	0.0001163295%
OH1245	Navarre Village, Ohio	0.0045125337%
OH1246	Nellie Village, Ohio	0.0000766034%
OH1247	Nelsonville City, Ohio	0.0153618582%
OH1248	Nevada Village, Ohio	0.0000539719%
OH1249	Neville Village, Ohio	0.0000172386%

OH1250	New Albany City, Ohio	0.0355984449%
OH1251	New Alexandria Village, Ohio	0.0001593821%
OH1252	New Athens Village, Ohio	0.0001049661%
OH1253	New Bavaria Village, Ohio	0.0001925555%
OH1254	New Bloomington Village, Ohio	0.0006286558%
OH1255	New Boston Village, Ohio	0.0217793450%
OH1256	New Bremen Village, Ohio	0.0076829566%
OH1257	New Carlisle City, Ohio	0.0121258538%
OH1258	New Concord Village, Ohio	0.0073426360%
OH1259	New Franklin City, Ohio	0.0293867642%
OH1260	New Haven Township, Ohio	0.0016334992%
OH1261	New Holland Village, Ohio	0.0001903085%
OH1262	New Jasper Township, Ohio	0.0016406755%
OH1263	New Knoxville Village, Ohio	0.0011840478%
OH1264	New Lebanon Village, Ohio	0.0058388430%
OH1265	New Lexington Village, Ohio	0.0129954223%
OH1266	New London Township, Ohio	0.0002882646%
OH1267	New London Village, Ohio	0.0030473682%
OH1268	New Madison Village, Ohio	0.0016608005%
OH1269	New Market Township, Ohio	0.0002484374%
OH1270	New Miami Village, Ohio	0.0024074272%
OH1271	New Middletown Village, Ohio	0.0007615778%
OH1272	New Paris Village, Ohio	0.0016204423%
OH1273	New Philadelphia City, Ohio	0.0774788253%
OH1274	New Richmond Village, Ohio	0.0330808011%
OH1275	New Riegel Village, Ohio	0.0002406507%
OH1276	New Russia Township, Ohio	0.0008375698%
OH1277	New Straitsville Village, Ohio	0.0021300444%
OH1278	New Vienna Village, Ohio	0.0009144537%
OH1279	New Washington Village, Ohio	0.0012290055%
OH1280	New Waterford Village, Ohio	0.0048586998%
OH1281	New Weston Village, Ohio	0.0000861156%
OH1282	Newark City, Ohio	0.1777772576%
OH1283	Newark Township, Ohio	0.0018255901%
OH1284	Newberry Township, Ohio	0.0019874499%
OH1285	Newburgh Heights Village, Ohio	0.0042789708%
OH1286	Newbury Township, Ohio	0.0027755552%
OH1287	Newcomerstown Village, Ohio	0.0076759513%
OH1288	Newton Falls Village, Ohio	0.0365044154%
OH1289	Newton Township, Licking County, Ohio	0.0011027676%
OH1290	Newton Township, Muskingum County, Ohio	0.0020262466%
OH1291	Newton Township, Pike County, Ohio	0.0002281614%
OH1292	Newton Township, Trumbull County, Ohio	0.0026939270%
OH1293	Newtonsville Village, Ohio	0.0005516340%
OH1294	Newtown Village, Ohio	0.0057282940%

OH1295	Ney Village, Ohio	0.0000662077%
OH1296	Nile Township, Ohio	0.0052315920%
OH1297	Niles City, Ohio	0.1643806952%
OH1298	Nimishillen Township, Ohio	0.0122610291%
OH1299	Noble County, Ohio	0.0987433126%
OH1300	Noble Township, Auglaize County, Ohio	0.0000089026%
OH1301	Noble Township, Defiance County, Ohio	0.0003420733%
OH1302	Noble Township, Noble County, Ohio	0.0008278915%
OH1303	North Baltimore Village, Ohio	0.0034529973%
OH1304	North Bend Village, Ohio	0.0025608089%
OH1305	North Bloomfield Township, Ohio	0.0004132886%
OH1306	North Canton City, Ohio	0.0524878920%
OH1307	North College Hill City, Ohio	0.0194144077%
OH1308	North Fairfield Village, Ohio	0.0000686344%
OH1309	North Hampton Village, Ohio	0.0018236413%
OH1310	North Kingsville Village, Ohio	0.0058586766%
OH1311	North Lewisburg Village, Ohio	0.0040569220%
OH1312	North Olmsted City, Ohio	0.0399884238%
OH1313	North Perry Village, Ohio	0.0021416939%
OH1314	North Randall Village, Ohio	0.0010272691%
OH1315	North Ridgeville City, Ohio	0.1099748579%
OH1316	North Robinson Village, Ohio	0.0000652569%
OH1317	North Royalton City, Ohio	0.0490362937%
OH1318	North Star Village, Ohio	0.0006041028%
OH1319	North Township, Ohio	0.0006202542%
OH1320	Northfield Center Township, Ohio	0.0055419447%
OH1321	Northfield Village, Ohio	0.0204907382%
OH1322	Northwest Township, Ohio	0.0003378915%
OH1323	Northwood City, Ohio	0.0154037964%
OH1324	Norton City, Ohio	0.0374368018%
OH1325	Norwalk City, Ohio	0.0671930963%
OH1326	Norwalk Township, Ohio	0.0009746088%
OH1327	Norwich Township, Franklin County, Ohio	0.0881825657%
OH1328	Norwich Township, Huron County, Ohio	0.0005490754%
OH1329	Norwich Village, Ohio	0.0000776491%
OH1330	Norwood City, Ohio	0.1133550899%
OH1331	Nottingham Township, Ohio	0.0002290169%
OH1332	Oak Harbor Village, Ohio	0.0043210926%
OH1333	Oak Hill Village, Ohio	0.0009945397%
OH1334	Oakwood City, Ohio	0.0665292396%
OH1335	Oakwood Village, Cuyahoga County, Ohio	0.0160412015%
OH1336	Oakwood Village, Paulding County, Ohio	0.0006103209%
OH1337	Oberlin City, Ohio	0.0523286319%
OH1338	Obetz Village, Ohio	0.0012677151%
OH1339	Octa Village, Ohio	0.0000132032%
OH1340	Ohio City Village, Ohio	0.0013381279%

OH1341	Ohio Township, Clermont County, Ohio	0.0024995915%
OH1342	Ohio Township, Monroe County, Ohio	0.0002805325%
OH1343	Old Washington Village, Ohio	0.0016589439%
OH1344	Olive Township, Meigs County, Ohio	0.0005413001%
OH1345	Olive Township, Noble County, Ohio	0.0002069729%
OH1346	Olmsted Falls City, Ohio	0.0116318466%
OH1347	Olmsted Township, Ohio	0.0148163807%
OH1348	Ontario City, Ohio	0.0192773910%
OH1349	Orange Township, Ashland County, Ohio	0.0004880329%
OH1350	Orange Township, Carroll County, Ohio	0.0003703748%
OH1351	Orange Township, Delaware County, Ohio	0.0531556020%
OH1352	Orange Township, Meigs County, Ohio	0.0003383126%
OH1353	Orange Township, Shelby County, Ohio	0.0011891054%
OH1354	Orange Village, Ohio	0.0100237754%
OH1355	Orangeville Village, Ohio	0.0005285553%
OH1356	Oregon City, Ohio	0.0936692081%
OH1357	Orrville City, Ohio	0.0089614214%
OH1358	Orwell Township, Ohio	0.0004813742%
OH1359	Orwell Village, Ohio	0.0054712290%
OH1360	Osgood Village, Ohio	0.0000984178%
OH1361	Osnaburg Township, Ohio	0.0017515756%
OH1362	Ostrander Village, Ohio	0.0001237328%
OH1363	Ottawa County, Ohio	0.2393019717%
OH1364	Ottawa Hills Village, Ohio	0.0134021121%
OH1365	Ottawa Village, Ohio	0.0047352274%
OH1366	Ottoville Village, Ohio	0.0010927448%
OH1367	Otway Village, Ohio	0.0001137303%
OH1368	Owensville Village, Ohio	0.0008791667%
OH1369	Oxford City, Ohio	0.0794612533%
OH1370	Oxford Township, Butler County, Ohio	0.1101599888%
OH1371	Oxford Township, Coshocton County, Ohio	0.0002143057%
OH1372	Oxford Township, Guernsey County, Ohio	0.0001223811%
OH1373	Oxford Township, Tuscarawas County, Ohio	0.0000788288%
OH1374	Painesville City, Ohio	0.0828627046%
OH1375	Painesville Township, Ohio	0.0334236916%
OH1376	Paint Township, Fayette County, Ohio	0.0000280861%
OH1377	Paint Township, Highland County, Ohio	0.0002710226%
OH1378	Paint Township, Holmes County, Ohio	0.0004187862%
OH1379	Paint Township, Madison County, Ohio	0.0000155425%
OH1380	Paint Township, Ross County, Ohio	0.0003836542%
OH1381	Paint Township, Wayne County, Ohio	0.0001894347%
OH1382	Palestine Village, Ohio	0.0005121741%
OH1383	Palmer Township, Ohio	0.0000584877%
OH1384	Palmyra Township, Ohio	0.0008124819%
OH1385	Pandora Village, Ohio	0.0009188990%

OH1386	Paris Township, Portage County, Ohio	0.0001503091%
OH1387	Paris Township, Stark County, Ohio	0.0010390703%
OH1388	Parkman Township, Ohio	0.0008613792%
OH1389	Parma City, Ohio	0.1543116176%
OH1390	Parma Heights City, Ohio	0.0326118418%
OH1391	Parral Village, Ohio	0.0000098536%
OH1392	Pataskala City, Ohio	0.0174033408%
OH1393	Patterson Village, Ohio	0.0000841761%
OH1394	Paulding County, Ohio	0.0839721160%
OH1395	Paulding Township, Ohio	0.0001534939%
OH1396	Paulding Village, Ohio	0.0016847781%
OH1397	Paxton Township, Ohio	0.0010329152%
OH1398	Payne Village, Ohio	0.0005664655%
OH1399	Pease Township, Ohio	0.0005202465%
OH1400	Pebble Township, Ohio	0.0003464673%
OH1401	Pee Pee Township, Ohio	0.0015041749%
OH1402	Peebles Village, Ohio	0.0067989872%
OH1403	Pemberville Village, Ohio	0.0012856905%
OH1404	Peninsula Village, Ohio	0.0050407601%
OH1405	Penn Township, Ohio	0.0001392397%
OH1406	Pepper Pike City, Ohio	0.0193758750%
OH1407	Perkins Township, Ohio	0.0512077107%
OH1408	Perry County, Ohio	0.2380485965%
OH1409	Perry Township, Allen County, Ohio	0.0045543679%
OH1410	Perry Township, Brown County, Ohio	0.0143559087%
OH1411	Perry Township, Columbiana County, Ohio	0.0048853229%
OH1412	Perry Township, Fayette County, Ohio	0.0003538844%
OH1413	Perry Township, Franklin County, Ohio	0.0091642053%
OH1414	Perry Township, Lake County, Ohio	0.0025586608%
OH1415	Perry Township, Lawrence County, Ohio	0.0009214313%
OH1416	Perry Township, Licking County, Ohio	0.0016309840%
OH1417	Perry Township, Logan County, Ohio	0.0026933538%
OH1418	Perry Township, Monroe County, Ohio	0.0000872768%
OH1419	Perry Township, Muskingum County, Ohio	0.0027986277%
OH1420	Perry Township, Pickaway County, Ohio	0.0000291493%
OH1421	Perry Township, Pike County, Ohio	0.0001267563%
OH1422	Perry Township, Putnam County, Ohio	0.0000082784%
OH1423	Perry Township, Richland County, Ohio	0.0004103471%
OH1424	Perry Township, Stark County, Ohio	0.0537347763%
OH1425	Perry Township, Wood County, Ohio	0.0001040797%
OH1426	Perry Village, Ohio	0.0054300469%
OH1427	Perrysburg City, Ohio	0.0576846462%
OH1428	Perrysburg Township, Ohio	0.0342177338%
OH1429	Perrysville Village, Ohio	0.0008459238%
OH1430	Peru Township, Huron County, Ohio	0.0000274538%
OH1431	Peru Township, Morrow County, Ohio	0.0000708495%

OH1432	Phillipsburg Village, Ohio	0.0041962937%
OH1433	Philo Village, Ohio	0.0010532470%
OH1434	Pickaway County, Ohio	0.0934088328%
OH1435	Pickaway Township, Ohio	0.0005441197%
OH1436	Pickerington City, Ohio	0.0350194279%
OH1437	Pierce Township, Ohio	0.0721778605%
OH1438	Pierpont Township, Ohio	0.0011858243%
OH1439	Pike County, Ohio	0.3072066041%
OH1440	Pike Township, Brown County, Ohio	0.0024184900%
OH1441	Pike Township, Clark County, Ohio	0.0026810249%
OH1442	Pike Township, Perry County, Ohio	0.0022268646%
OH1443	Pike Township, Stark County, Ohio	0.0021276201%
OH1444	Piketon Village, Ohio	0.0023999196%
OH1445	Pioneer Village, Ohio	0.0028760068%
OH1446	Piqua City, Ohio	0.0869480927%
OH1447	Pitsburg Village, Ohio	0.0005659024%
OH1448	Pitt Township, Ohio	0.0002833522%
OH1449	Plain City Village, Ohio	0.0102501421%
OH1450	Plain Township, Franklin County, Ohio	0.0388485937%
OH1451	Plain Township, Stark County, Ohio	0.0464019090%
OH1452	Plain Township, Wayne County, Ohio	0.0002976831%
OH1453	Plain Township, Wood County, Ohio	0.0002693828%
OH1454	Plainfield Village, Ohio	0.0000153076%
OH1455	Pleasant City Village, Ohio	0.0008654831%
OH1456	Pleasant Hill Village, Ohio	0.0002839214%
OH1457	Pleasant Plain Village, Ohio	0.0000116356%
OH1458	Pleasant Township, Brown County, Ohio	0.0012092450%
OH1459	Pleasant Township, Clark County, Ohio	0.0032390047%
OH1460	Pleasant Township, Fairfield County, Ohio	0.0068849393%
OH1461	Pleasant Township, Franklin County, Ohio	0.0137844922%
OH1462	Pleasant Township, Hancock County, Ohio	0.0002811062%
OH1463	Pleasant Township, Henry County, Ohio	0.0002233406%
OH1464	Pleasant Township, Knox County, Ohio	0.0045641970%
OH1465	Pleasant Township, Marion County, Ohio	0.0096326984%
OH1466	Pleasant Township, Perry County, Ohio	0.0001828826%
OH1467	Pleasant Township, Seneca County, Ohio	0.0003208676%
OH1468	Pleasant Township, Van Wert County, Ohio	0.0002849717%
OH1469	Pleasantville Village, Ohio	0.0000570350%
OH1470	Plymouth Township, Ohio	0.0017493844%
OH1471	Plymouth Village, Ohio	0.0065060016%
OH1472	Poland Township, Ohio	0.0148262002%
OH1473	Poland Village, Ohio	0.0061663235%
OH1474	Polk Township, Ohio	0.0010767393%
OH1475	Polk Village, Ohio	0.0000406694%
OH1476	Pomeroy Village, Ohio	0.0093881741%
OH1477	Port Clinton City, Ohio	0.0145364578%

OH1478	Port Jefferson Village, Ohio	0.0003105872%
OH1479	Port Washington Village, Ohio	0.0003251687%
OH1480	Port William Village, Ohio	0.0010928837%
OH1481	Portage County, Ohio	0.9187057360%
OH1482	Portage Township, Hancock County, Ohio	0.0001686637%
OH1483	Portage Township, Ottawa County, Ohio	0.0000480885%
OH1484	Portage Township, Wood County, Ohio	0.0001408137%
OH1485	Portage Village, Ohio	0.0016040519%
OH1486	Porter Township, Delaware County, Ohio	0.0036954857%
OH1487	Porter Township, Scioto County, Ohio	0.0395496982%
OH1488	Portsmouth City, Ohio	0.2233662325%
OH1489	Potsdam Village, Ohio	0.0000227137%
OH1490	Powell City, Ohio	0.0184361841%
OH1491	Powhatan Point Village, Ohio	0.0016591645%
OH1492	Prairie Township, Franklin County, Ohio	0.0344574120%
OH1493	Prairie Township, Holmes County, Ohio	0.0003867956%
OH1494	Preble County, Ohio	0.3067055248%
OH1495	Proctorville Village, Ohio	0.0018254771%
OH1496	Prospect Village, Ohio	0.0011157566%
OH1497	Providence Township, Ohio	0.0026476678%
OH1498	Pulaski Township, Ohio	0.0002907439%
OH1499	Pultney Township, Ohio	0.0018560145%
OH1500	Pusheta Township, Ohio	0.0002670784%
OH1501	Put In Bay Township, Ohio	0.0034623699%
OH1502	Put-In-Bay Village, Ohio	0.0040050827%
OH1503	Putnam County, Ohio	0.1372967601%
OH1504	Quaker City Village, Ohio	0.0004351328%
OH1505	Quincy Village, Ohio	0.0003391631%
OH1506	Raccoon Township, Ohio	0.0003561309%
OH1507	Racine Village, Ohio	0.0010826003%
OH1508	Radnor Township, Ohio	0.0001814747%
OH1509	Randolph Township, Ohio	0.0013730943%
OH1510	Range Township, Ohio	0.0007149570%
OH1511	Rarden Township, Ohio	0.0020471447%
OH1512	Rarden Village, Ohio	0.0005117862%
OH1513	Ravenna City, Ohio	0.0218557620%
OH1514	Ravenna Township, Ohio	0.0059636168%
OH1515	Rawson Village, Ohio	0.0001405531%
OH1516	Rayland Village, Ohio	0.0003984552%
OH1517	Reading City, Ohio	0.0457344992%
OH1518	Reading Township, Ohio	0.0019364040%
OH1519	Recovery Township, Ohio	0.0000812132%
OH1520	Reily Township, Ohio	0.0012764211%
OH1521	Reminderville Village, Ohio	0.0151415568%
OH1522	Rendville Village, Ohio	0.0001828826%
OH1523	Republic Village, Ohio	0.0011130095%

OH1524	Reynoldsburg City, Ohio	0.0697130845%
OH1525	Rice Township, Ohio	0.0003978688%
OH1526	Richfield Township, Henry County, Ohio	0.0023349246%
OH1527	Richfield Township, Lucas County, Ohio	0.0047039321%
OH1528	Richfield Township, Summit County, Ohio	0.0095996121%
OH1529	Richfield Village, Ohio	0.0399887454%
OH1530	Richland County, Ohio	0.7455113947%
OH1531	Richland Township, Allen County, Ohio	0.0002999883%
OH1532	Richland Township, Belmont County, Ohio	0.0026715361%
OH1533	Richland Township, Clinton County, Ohio	0.0005798975%
OH1534	Richland Township, Darke County, Ohio	0.0002952534%
OH1535	Richland Township, Fairfield County, Ohio	0.0003503579%
OH1536	Richland Township, Holmes County, Ohio	0.0001483201%
OH1537	Richland Township, Wyandot County, Ohio	0.0001079437%
OH1538	Richmond Heights City, Ohio	0.0218650269%
OH1539	Richmond Township, Ashtabula County, Ohio	0.0003170025%
OH1540	Richmond Township, Huron County, Ohio	0.0015099572%
OH1541	Richmond Village, Ohio	0.0007609773%
OH1542	Richwood Village, Ohio	0.0014048433%
OH1543	Ridgefield Township, Ohio	0.0003431721%
OH1544	Ridgeville Township, Ohio	0.0002165727%
OH1545	Ridgeway Village, Ohio	0.0003864298%
OH1546	Riley Township, Ohio	0.0007202182%
OH1547	Rio Grande Village, Ohio	0.0014432672%
OH1548	Ripley Township, Holmes County, Ohio	0.0000348988%
OH1549	Ripley Township, Huron County, Ohio	0.0000137269%
OH1550	Ripley Village, Ohio	0.0111932679%
OH1551	Risingsun Village, Ohio	0.0004530528%
OH1552	Rittman City, Ohio	0.0059649971%
OH1553	Riverlea Village, Ohio	0.0001680104%
OH1554	Riverside City, Ohio	0.0817797700%
OH1555	Roaming Shores Village, Ohio	0.0034987688%
OH1556	Rochester Township, Ohio	0.0013537465%
OH1557	Rochester Village, Ohio	0.0000194784%
OH1558	Rock Creek Village, Ohio	0.0002113350%
OH1559	Rockford Village, Ohio	0.0018408327%
OH1560	Rocky Ridge Village, Ohio	0.0002129632%
OH1561	Rocky River City, Ohio	0.0503638414%
OH1562	Rogers Village, Ohio	0.0005457718%
OH1563	Rome Township, Ashtabula County, Ohio	0.0014206410%

OH1564	Rome Township, Athens County, Ohio	0.0002813909%
OH1565	Rome Township, Lawrence County, Ohio	0.0010605153%
OH1566	Rome Village, Ohio	0.0002586036%
OH1567	Rootstown Township, Ohio	0.0026527533%
OH1568	Rose Township, Ohio	0.0004793086%
OH1569	Roseville Village, Ohio	0.0016522526%
OH1570	Ross County, Ohio	1.0109583321%
OH1571	Ross Township, Butler County, Ohio	0.0261747113%
OH1572	Ross Township, Greene County, Ohio	0.0002579678%
OH1573	Ross Township, Jefferson County, Ohio	0.0004940844%
OH1574	Rossburg Village, Ohio	0.0000984178%
OH1575	Rossford City, Ohio	0.0126977241%
OH1576	Roswell Village, Ohio	0.0002759007%
OH1577	Roundhead Township, Ohio	0.0002332423%
OH1578	Royalton Township, Ohio	0.0009661532%
OH1579	Rumley Township, Ohio	0.0006297965%
OH1580	Rush Creek Township, Ohio	0.0026562014%
OH1581	Rush Township, Scioto County, Ohio	0.0047482384%
OH1582	Rush Township, Tuscarawas County, Ohio	0.0000689752%
OH1583	Rushcreek Township, Ohio	0.0004189662%
OH1584	Rushsylvania Village, Ohio	0.0000099754%
OH1585	Rushville Village, Ohio	0.0000244436%
OH1586	Russell Township, Ohio	0.0185770784%
OH1587	Russells Point Village, Ohio	0.0022943385%
OH1588	Russellville Village, Ohio	0.0057671685%
OH1589	Russia Village, Ohio	0.0003460829%
OH1590	Rutland Village, Ohio	0.0004567220%
OH1591	Sabina Village, Ohio	0.0072933257%
OH1592	Sagamore Hills Township, Ohio	0.0226207726%
OH1593	Salem City, Ohio	0.0383095249%
OH1594	Salem Township, Auglaize County, Ohio	0.0001157340%
OH1595	Salem Township, Champaign County, Ohio	0.0003806616%
OH1596	Salem Township, Columbiana County, Ohio	0.0009051824%
OH1597	Salem Township, Muskingum County, Ohio	0.0003912060%
OH1598	Salem Township, Ottawa County, Ohio	0.0007213271%
OH1599	Salem Township, Shelby County, Ohio	0.0010648705%
OH1600	Salem Township, Tuscarawas County, Ohio	0.0026407637%
OH1601	Salem Township, Warren County, Ohio	0.0074583911%
OH1602	Salem Township, Washington County, Ohio	0.0005013228%
OH1603	Salesville Village, Ohio	0.0000679895%
OH1604	Salineville Village, Ohio	0.0034609917%
OH1605	Salisbury Township, Ohio	0.0003552282%

OH1606	Salt Creek Township, Hocking County, Ohio	0.0001833021%
OH1607	Salt Creek Township, Holmes County, Ohio	0.0000465318%
OH1608	Salt Creek Township, Wayne County, Ohio	0.0001391765%
OH1609	Salt Lick Township, Ohio	0.0000430312%
OH1610	Salt Rock Township, Ohio	0.0007066458%
OH1611	Saltcreek Township, Ohio	0.0003935151%
OH1612	Sandusky City, Ohio	0.1261336610%
OH1613	Sandusky County, Ohio	0.3072903644%
OH1614	Sandusky Township, Crawford County, Ohio	0.0000108762%
OH1615	Sandusky Township, Sandusky County, Ohio	0.0015100930%
OH1616	Sandy Township, Stark County, Ohio	0.0049479536%
OH1617	Sandy Township, Tuscarawas County, Ohio	0.0006897517%
OH1618	Sarahsville Village, Ohio	0.0000689910%
OH1619	Sardinia Village, Ohio	0.0044028921%
OH1620	Savannah Village, Ohio	0.0002294615%
OH1621	Saybrook Township, Ohio	0.0161906113%
OH1622	Scio Village, Ohio	0.0001526779%
OH1623	Scioto County, Ohio	0.9401796346%
OH1624	Scioto Township, Delaware County, Ohio	0.0019714756%
OH1625	Scioto Township, Pickaway County, Ohio	0.0062913839%
OH1626	Scioto Township, Pike County, Ohio	0.0002619631%
OH1627	Scioto Township, Ross County, Ohio	0.0146969071%
OH1628	Scipio Township, Meigs County, Ohio	0.0004736376%
OH1629	Scipio Township, Seneca County, Ohio	0.0005615183%
OH1630	Scott Township, Marion County, Ohio	0.0001301716%
OH1631	Scott Township, Sandusky County, Ohio	0.0009313747%
OH1632	Scott Village, Ohio	0.0006416289%
OH1633	Seal Township, Ohio	0.0013351665%
OH1634	Seaman Village, Ohio	0.0025035030%
OH1635	Sebring Village, Ohio	0.0078737318%
OH1636	Seneca County, Ohio	0.2801274556%
OH1637	Seneca Township, Monroe County, Ohio	0.0000124681%
OH1638	Seneca Township, Noble County, Ohio	0.0000172477%
OH1639	Senecaville Village, Ohio	0.0007886782%
OH1640	Seven Hills City, Ohio	0.0208535620%
OH1641	Seven Mile Village, Ohio	0.0013087356%
OH1642	Seville Village, Ohio	0.0055383307%
OH1643	Shadyside Village, Ohio	0.0078177582%
OH1644	Shaker Heights City, Ohio	0.1048407101%
OH1645	Shalersville Township, Ohio	0.0000934354%
OH1646	Sharon Township, Franklin County, Ohio	0.0053763338%
OH1647	Sharon Township, Medina County, Ohio	0.0058099333%

OH1648	Sharon Township, Richland County, Ohio	0.0000802853%
OH1649	Sharonville City, Ohio	0.1284229161%
OH1650	Shawnee Hills Village, Ohio	0.0030520752%
OH1651	Shawnee Township, Ohio	0.0289829613%
OH1652	Shawnee Village, Ohio	0.0005916790%
OH1653	Sheffield Lake City, Ohio	0.0113266702%
OH1654	Sheffield Township, Ashtabula County, Ohio	0.0012562693%
OH1655	Sheffield Township, Lorain County, Ohio	0.0039054125%
OH1656	Sheffield Village, Ohio	0.0383431647%
OH1657	Shelby City, Ohio	0.0301426674%
OH1658	Shelby County, Ohio	0.2601922372%
OH1659	Sherrodsville Village, Ohio	0.0010675510%
OH1660	Sherwood Village, Ohio	0.0012358778%
OH1661	Shiloh Village, Ohio	0.0001516500%
OH1662	Shreve Village, Ohio	0.0012061965%
OH1663	Sidney City, Ohio	0.0768126600%
OH1664	Silver Lake Village, Ohio	0.0087129009%
OH1665	Silverton Village, Ohio	0.0117488480%
OH1666	Sinking Spring Village, Ohio	0.0018697801%
OH1667	Smith Township, Belmont County, Ohio	0.0011670394%
OH1668	Smith Township, Mahoning County, Ohio	0.0056258490%
OH1669	Smithfield Township, Ohio	0.0003028259%
OH1670	Smithfield Village, Ohio	0.0021516579%
OH1671	Smithville Village, Ohio	0.0012448566%
OH1672	Solon City, Ohio	0.0575665779%
OH1673	Somerford Township, Ohio	0.0018806477%
OH1674	Somers Township, Ohio	0.0009493500%
OH1675	Somerset Village, Ohio	0.0013447250%
OH1676	Somerville Village, Ohio	0.0001615723%
OH1677	South Amherst Village, Ohio	0.0020257501%
OH1678	South Bloomfield Township, Ohio	0.0004782339%
OH1679	South Bloomfield Village, Ohio	0.0012874261%
OH1680	South Charleston Village, Ohio	0.0026810249%
OH1681	South Euclid City, Ohio	0.0416202012%
OH1682	South Lebanon Village, Ohio	0.0058643200%
OH1683	South Point Village, Ohio	0.0061370801%
OH1684	South Russell Village, Ohio	0.0067283287%
OH1685	South Salem Village, Ohio	0.0005572426%
OH1686	South Solon Village, Ohio	0.0007460421%
OH1687	South Vienna Village, Ohio	0.0009118207%
OH1688	South Webster Village, Ohio	0.0024736332%
OH1689	South Zanesville Village, Ohio	0.0015547932%
OH1690	Southington Township, Ohio	0.0014492645%
OH1691	Sparta Village, Ohio	0.0000770825%
OH1692	Spencer Township, Allen County, Ohio	0.0001636300%

OH1693	Spencer Township, Guernsey County, Ohio	0.0001631748%
OH1694	Spencer Township, Lucas County, Ohio	0.0024565990%
OH1695	Spencer Township, Medina County, Ohio	0.0000708528%
OH1696	Spencer Village, Ohio	0.0016178066%
OH1697	Spencerville Village, Ohio	0.0025294469%
OH1698	Sprigg Township, Ohio	0.0001054107%
OH1699	Spring Valley Township, Ohio	0.0070786377%
OH1700	Spring Valley Village, Ohio	0.0001444620%
OH1701	Springboro City, Ohio	0.0299889938%
OH1702	Springdale City, Ohio	0.0692154947%
OH1703	Springfield City, Ohio	0.4735887613%
OH1704	Springfield Township, Clark County, Ohio	0.0105063514%
OH1705	Springfield Township, Gallia County, Ohio	0.0009746740%
OH1706	Springfield Township, Hamilton County, Ohio	0.1053972703%
OH1707	Springfield Township, Jefferson County, Ohio	0.0002231349%
OH1708	Springfield Township, Lucas County, Ohio	0.0432543386%
OH1709	Springfield Township, Mahoning County, Ohio	0.0039675747%
OH1710	Springfield Township, Richland County, Ohio	0.0177162881%
OH1711	Springfield Township, Ross County, Ohio	0.0053121351%
OH1712	Springfield Township, Summit County, Ohio	0.0469667767%
OH1713	Springfield Township, Williams County, Ohio	0.0004950504%
OH1714	St Albans Township, Ohio	0.0043369348%
OH1715	St Clair Township, Butler County, Ohio	0.0005493458%
OH1716	St Clair Township, Columbiana County, Ohio	0.0167991211%
OH1717	St Marys Township, Ohio	0.0002136628%
OH1718	St. Bernard Village, Ohio	0.0379854367%
OH1719	St. Clairsville City, Ohio	0.0187569954%
OH1720	St. Henry Village, Ohio	0.0014076956%
OH1721	St. Louisville Village, Ohio	0.0003799451%
OH1722	St. Marys City, Ohio	0.0281144576%
OH1723	St. Paris Village, Ohio	0.0038066155%
OH1724	Stafford Village, Ohio	0.0000249362%
OH1725	Stark County, Ohio	1.5315796664%
OH1726	Starr Township, Ohio	0.0001436692%
OH1727	Staunton Township, Ohio	0.0003747763%
OH1728	Sterling Township, Ohio	0.0043408795%
OH1729	Steubenville City, Ohio	0.1367338744%

OH1730	Steubenville Township, Ohio	0.0000318764%
OH1731	Stock Township, Harrison County, Ohio	0.0003339830%
OH1732	Stock Township, Noble County, Ohio	0.0000344955%
OH1733	Stockport Village, Ohio	0.0002249256%
OH1734	Stokes Township, Logan County, Ohio	0.0047782092%
OH1735	Stokes Township, Madison County, Ohio	0.0007615846%
OH1736	Stone Creek Village, Ohio	0.0001379503%
OH1737	Stonelick Township, Ohio	0.0184280231%
OH1738	Stoutsville Village, Ohio	0.0000733307%
OH1739	Stow City, Ohio	0.1475892163%
OH1740	Strasburg Village, Ohio	0.0032911011%
OH1741	Stratton Village, Ohio	0.0014981914%
OH1742	Streetsboro City, Ohio	0.0206045399%
OH1743	Strongsville City, Ohio	0.0739396664%
OH1744	Struthers City, Ohio	0.0252671862%
OH1745	Stryker Village, Ohio	0.0016737417%
OH1746	Suffield Township, Ohio	0.0026771277%
OH1747	Sugar Bush Knolls Village, Ohio	0.0000982645%
OH1748	Sugar Creek Township, Allen County, Ohio	0.0002727166%
OH1749	Sugar Creek Township, Putnam County, Ohio	0.0001655674%
OH1750	Sugar Creek Township, Wayne County, Ohio	0.0003634054%
OH1751	Sugar Grove Village, Ohio	0.0001955486%
OH1752	Sugarcreek Township, Ohio	0.0470017417%
OH1753	Sugarcreek Village, Ohio	0.0027688605%
OH1754	Sullivan Township, Ohio	0.0017162492%
OH1755	Summerfield Village, Ohio	0.0001212800%
OH1756	Summit Township, Ohio	0.0000062341%
OH1757	Summitville Village, Ohio	0.0004792142%
OH1758	Sunbury Village, Ohio	0.0082323543%
OH1759	Sunfish Township, Ohio	0.0000676034%
OH1760	Swan Creek Township, Ohio	0.0048429959%
OH1761	Swanton Township, Ohio	0.0015012549%
OH1762	Swanton Village, Ohio	0.0072434936%
OH1763	Switzerland Township, Ohio	0.0001807876%
OH1764	Sycamore Township, Hamilton County, Ohio	0.0584269292%
OH1765	Sycamore Township, Wyandot County, Ohio	0.0002766058%
OH1766	Sycamore Village, Ohio	0.0012008738%
OH1767	Sylvania City, Ohio	0.0526622027%
OH1768	Sylvania Township, Ohio	0.1247952267%
OH1769	Symmes Township, Hamilton County, Ohio	0.0305202839%
OH1770	Symmes Township, Lawrence County, Ohio	0.0000521565%

OH1771	Syracuse Village, Ohio	0.0005413001%
OH1772	Tallmadge City, Ohio	0.0580737905%
OH1773	Tarlton Village, Ohio	0.0002242634%
OH1774	Tate Township, Ohio	0.0267197716%
OH1775	Taylor Creek Township, Ohio	0.0001110677%
OH1776	Terrace Park Village, Ohio	0.0056698421%
OH1777	Texas Township, Ohio	0.0002936562%
OH1778	The Village of Indian Hill City, Ohio	0.0264202950%
OH1779	Thompson Township, Delaware County, Ohio	0.0002474656%
OH1780	Thompson Township, Geauga County, Ohio	0.0022491568%
OH1781	Thorn Township, Ohio	0.0007422882%
OH1782	Thornville Village, Ohio	0.0006131946%
OH1783	Thurston Village, Ohio	0.0013688400%
OH1784	Tiffin City, Ohio	0.0703803061%
OH1785	Tiffin Township, Ohio	0.0005075927%
OH1786	Tiltonsville Village, Ohio	0.0016575735%
OH1787	Timberlake Village, Ohio	0.0023312243%
OH1788	Tipp City, Ohio	0.0376479790%
OH1789	Tiro Village, Ohio	0.0000326285%
OH1790	Toledo City, Ohio	1.0197706186%
OH1791	Tontogany Village, Ohio	0.0001897924%
OH1792	Toronto City, Ohio	0.0279077997%
OH1793	Townsend Township, Huron County, Ohio	0.0006177098%
OH1794	Townsend Township, Sandusky County, Ohio	0.0000271274%
OH1795	Tremont City Village, Ohio	0.0006396354%
OH1796	Trenton City, Ohio	0.0416371797%
OH1797	Trenton Township, Ohio	0.0000577420%
OH1798	Trimble Township, Ohio	0.0023032365%
OH1799	Trimble Village, Ohio	0.0004320101%
OH1800	Trotwood City, Ohio	0.0811683100%
OH1801	Troy City, Ohio	0.0899917302%
OH1802	Troy Township, Ashland County, Ohio	0.0002358826%
OH1803	Troy Township, Athens County, Ohio	0.0008754383%
OH1804	Troy Township, Geauga County, Ohio	0.0026032794%
OH1805	Troy Township, Richland County, Ohio	0.0034790294%
OH1806	Troy Township, Wood County, Ohio	0.0027734180%
OH1807	Trumbull County, Ohio	2.0203599712%
OH1808	Trumbull Township, Ohio	0.0006457459%
OH1809	Truro Township, Ohio	0.0493339720%
OH1810	Tully Township, Ohio	0.0007929647%
OH1811	Turtle Creek Township, Ohio	0.0003372090%
OH1812	Turtlecreek Township, Ohio	0.0071325956%
OH1813	Tuscarawas County, Ohio	0.3721703206%

OH1814	Tuscarawas Township, Ohio	0.0020979323%
OH1815	Tuscarawas Village, Ohio	0.0003842902%
OH1816	Twin Township, Darke County, Ohio	0.0003813690%
OH1817	Twin Township, Ross County, Ohio	0.0052531114%
OH1818	Twinsburg City, Ohio	0.0833508485%
OH1819	Tymochtee Township, Ohio	0.0003170847%
OH1820	Uhrichsville City, Ohio	0.0101787647%
OH1821	Union City Village, Ohio	0.0076150778%
OH1822	Union City, Ohio	0.0198982889%
OH1823	Union County, Ohio	0.3002174205%
OH1824	Union Township, Auglaize County, Ohio	0.0001691497%
OH1825	Union Township, Carroll County, Ohio	0.0000762536%
OH1826	Union Township, Champaign County, Ohio	0.0000211479%
OH1827	Union Township, Clermont County, Ohio	0.3185341547%
OH1828	Union Township, Clinton County, Ohio	0.0085869431%
OH1829	Union Township, Fayette County, Ohio	0.0014043033%
OH1830	Union Township, Highland County, Ohio	0.0112248527%
OH1831	Union Township, Lawrence County, Ohio	0.0011822137%
OH1832	Union Township, Licking County, Ohio	0.0076823054%
OH1833	Union Township, Logan County, Ohio	0.0001197046%
OH1834	Union Township, Mercer County, Ohio	0.0004692319%
OH1835	Union Township, Miami County, Ohio	0.0038499743%
OH1836	Union Township, Muskingum County, Ohio	0.0003209896%
OH1837	Union Township, Pike County, Ohio	0.0001098555%
OH1838	Union Township, Ross County, Ohio	0.0119227921%
OH1839	Union Township, Tuscarawas County, Ohio	0.0002167791%
OH1840	Union Township, Union County, Ohio	0.0002502189%
OH1841	Union Township, Van Wert County, Ohio	0.0002973617%
OH1842	Union Township, Warren County, Ohio	0.0079936267%
OH1843	Unionville Center Village, Ohio	0.0001475046%
OH1844	Uniopolis Village, Ohio	0.0002492732%
OH1845	Unity Township, Ohio	0.0000798690%
OH1846	University Heights City, Ohio	0.0306916388%
OH1847	Upper Arlington City, Ohio	0.1198448950%
OH1848	Upper Sandusky City, Ohio	0.0108550896%
OH1849	Upper Township, Ohio	0.0007475763%
OH1850	Urbana City, Ohio	0.0575116162%
OH1851	Urbancrest Village, Ohio	0.0003436577%
OH1852	Utica Village, Ohio	0.0044986588%
OH1853	Valley Hi Village, Ohio	0.0001316045%
OH1854	Valley Township, Guernsey County, Ohio	0.0005439160%

OH1855	Valley Township, Scioto County, Ohio	0.0018196842%
OH1856	Valley View Village, Ohio	0.0158831601%
OH1857	Valleyview Village, Ohio	0.0016037359%
OH1858	Van Buren Township, Darke County, Ohio	0.0003444623%
OH1859	Van Buren Township, Putnam County, Ohio	0.0002317943%
OH1860	Van Buren Township, Shelby County, Ohio	0.0003904525%
OH1861	Van Buren Village, Ohio	0.0001188906%
OH1862	Van Wert City, Ohio	0.0528808311%
OH1863	Van Wert County, Ohio	0.1122540604%
OH1864	Vandalia City, Ohio	0.0967305650%
OH1865	Vanlue Village, Ohio	0.0001114793%
OH1866	Venedocia Village, Ohio	0.0000371702%
OH1867	Venice Township, Ohio	0.0000100271%
OH1868	Vermilion City, Ohio	0.0432196320%
OH1869	Vermilion Township, Ohio	0.0012778552%
OH1870	Vermillion Township, Ohio	0.0004880329%
OH1871	Vernon Township, Crawford County, Ohio	0.0000108762%
OH1872	Vernon Township, Scioto County, Ohio	0.0038952614%
OH1873	Vernon Township, Trumbull County, Ohio	0.0006308563%
OH1874	Verona Village, Ohio	0.0012373333%
OH1875	Versailles Village, Ohio	0.0100017096%
OH1876	Vienna Township, Ohio	0.0042113922%
OH1877	Vinton County, Ohio	0.1090168446%
OH1878	Vinton Township, Ohio	0.0001170406%
OH1879	Vinton Village, Ohio	0.0005060807%
OH1880	Violet Township, Ohio	0.0621844457%
OH1881	Virginia Township, Ohio	0.0000841915%
OH1882	Wabash Township, Ohio	0.0000492089%
OH1883	Wadsworth City, Ohio	0.0760959559%
OH1884	Waite Hill Village, Ohio	0.0053068521%
OH1885	Wakeman Village, Ohio	0.0018119487%
OH1886	Walbridge Village, Ohio	0.0029019871%
OH1887	Waldo Township, Ohio	0.0000743838%
OH1888	Waldo Village, Ohio	0.0004160980%
OH1889	Walnut Township, Fairfield County, Ohio	0.0087100593%
OH1890	Walnut Township, Gallia County, Ohio	0.0001499498%
OH1891	Walton Hills Village, Ohio	0.0099526568%
OH1892	Wapakoneta City, Ohio	0.0275268850%
OH1893	Ward Township, Ohio	0.0001486233%
OH1894	Warren City, Ohio	0.3520178232%
OH1895	Warren County, Ohio	1.0504230532%
OH1896	Warren Township, Belmont County,	0.0000984250%

OH1897	Warren Township, Jefferson County, Ohio	0.0004303316%
OH1898	Warren Township, Trumbull County, Ohio	0.0001534515%
OH1899	Warren Township, Tuscarawas County, Ohio	0.0002069255%
OH1900	Warren Township, Washington County, Ohio	0.0008773149%
OH1901	Warrensville Heights City, Ohio	0.0361164097%
OH1902	Warsaw Village, Ohio	0.0003911414%
OH1903	Warwick Township, Ohio	0.0008474093%
OH1904	Washington County, Ohio	0.3325608246%
OH1905	Washington Court House City, Ohio	0.0376016242%
OH1906	Washington Township, Auglaize County, Ohio	0.0023680955%
OH1907	Washington Township, Belmont County, Ohio	0.0000843643%
OH1908	Washington Township, Brown County, Ohio	0.0011782387%
OH1909	Washington Township, Carroll County, Ohio	0.0002178675%
OH1910	Washington Township, Clermont County, Ohio	0.0305984481%
OH1911	Washington Township, Clinton County, Ohio	0.0029440948%
OH1912	Washington Township, Columbiana County, Ohio	0.0006256408%
OH1913	Washington Township, Coshocton County, Ohio	0.0000841915%
OH1914	Washington Township, Darke County, Ohio	0.0003198579%
OH1915	Washington Township, Defiance County, Ohio	0.0003531079%
OH1916	Washington Township, Franklin County, Ohio	0.1225330619%
OH1917	Washington Township, Guernsey County, Ohio	0.0000951853%
OH1918	Washington Township, Hancock County, Ohio	0.0008925122%
OH1919	Washington Township, Harrison County, Ohio	0.0003339830%
OH1920	Washington Township, Henry County, Ohio	0.0002571801%
OH1921	Washington Township, Highland County, Ohio	0.0004065339%
OH1922	Washington Township, Hocking County, Ohio	0.0002427514%
OH1923	Washington Township, Holmes County,	0.0000261741%

OH1924	Washington Township, Jackson County, Ohio	0.0003315132%
OH1925	Washington Township, Lawrence County, Ohio	0.0000695420%
OH1926	Washington Township, Licking County, Ohio	0.0008154920%
OH1927	Washington Township, Logan County, Ohio	0.0017756185%
OH1928	Washington Township, Lucas County, Ohio	0.0071150384%
OH1929	Washington Township, Mercer County, Ohio	0.0001173080%
OH1930	Washington Township, Miami County, Ohio	0.0009766897%
OH1931	Washington Township, Monroe County, Ohio	0.0000062341%
OH1932	Washington Township, Montgomery County, Ohio	0.1316317394%
OH1933	Washington Township, Morrow County, Ohio	0.0002420690%
OH1934	Washington Township, Muskingum County, Ohio	0.0014845767%
OH1935	Washington Township, Paulding County, Ohio	0.0000402008%
OH1936	Washington Township, Pickaway County, Ohio	0.0003983733%
OH1937	Washington Township, Preble County, Ohio	0.0006874604%
OH1938	Washington Township, Richland County, Ohio	0.0012132000%
OH1939	Washington Township, Sandusky County, Ohio	0.0006510581%
OH1940	Washington Township, Scioto County, Ohio	0.0113445935%
OH1941	Washington Township, Shelby County, Ohio	0.0000798653%
OH1942	Washington Township, Stark County, Ohio	0.0006531299%
OH1943	Washington Township, Wood County, Ohio	0.0002265264%
OH1944	Washingtonville Village, Ohio	0.0014015930%
OH1945	Waterford Township, Ohio	0.0050048725%
OH1946	Waterloo Township, Ohio	0.0006670006%
OH1947	Watertown Township, Ohio	0.0001503968%
OH1948	Waterville City, Ohio	0.0124831621%
OH1949	Waterville Township, Ohio	0.0015558460%
OH1950	Wauseon City, Ohio	0.0277126990%
OH1951	Waverly Village, Ohio	0.0077490360%
OH1952	Wayne County, Ohio	0.2257675097%

OH1953	Wayne Lakes Village, Ohio	0.0075166600%
OH1954	Wayne Township, Adams County, Ohio	0.0012649279%
OH1955	Wayne Township, Ashtabula County, Ohio	0.0005165967%
OH1956	Wayne Township, Auglaize County, Ohio	0.0004273255%
OH1957	Wayne Township, Belmont County, Ohio	0.0000562429%
OH1958	Wayne Township, Butler County, Ohio	0.0007432325%
OH1959	Wayne Township, Champaign County, Ohio	0.0014909244%
OH1960	Wayne Township, Clermont County, Ohio	0.0020513889%
OH1961	Wayne Township, Clinton County, Ohio	0.0002007337%
OH1962	Wayne Township, Columbiana County, Ohio	0.0005990178%
OH1963	Wayne Township, Darke County, Ohio	0.0000369067%
OH1964	Wayne Township, Fayette County, Ohio	0.0001404303%
OH1965	Wayne Township, Jefferson County, Ohio	0.0021038433%
OH1966	Wayne Township, Monroe County, Ohio	0.0000062341%
OH1967	Wayne Township, Muskingum County, Ohio	0.0001404329%
OH1968	Wayne Township, Noble County, Ohio	0.0000862387%
OH1969	Wayne Township, Pickaway County, Ohio	0.0000437239%
OH1970	Wayne Township, Tuscarawas County, Ohio	0.0003941438%
OH1971	Wayne Township, Warren County, Ohio	0.0038164622%
OH1972	Wayne Village, Ohio	0.0008081483%
OH1973	Waynesburg Village, Ohio	0.0012073007%
OH1974	Waynesfield Village, Ohio	0.0007567223%
OH1975	Waynesville Village, Ohio	0.0046309511%
OH1976	Weathersfield Township, Ohio	0.0249955502%
OH1977	Weller Township, Ohio	0.0004460294%
OH1978	Wellington Village, Ohio	0.0164981765%
OH1979	Wells Township, Ohio	0.0100888848%
OH1980	Wellston City, Ohio	0.0406103723%
OH1981	Wellsville Village, Ohio	0.0125660620%
OH1982	Wesley Township, Ohio	0.0001253307%
OH1983	West Alexandria Village, Ohio	0.0099845432%
OH1984	West Carrollton City, Ohio	0.0603546931%
OH1985	West Chester Township, Ohio	0.3737167118%
OH1986	West Elkton Village, Ohio	0.0026843690%
OH1987	West Farmington Village, Ohio	0.0001875519%
OH1988	West Jefferson Village, Ohio	0.0159155640%
OH1989	West Lafayette Village, Ohio	0.0026252451%
OH1990	West Leipsic Village, Ohio	0.0002152376%
OH1991	West Liberty Village, Ohio	0.0035013600%

OH1992	West Manchester Village, Ohio	0.0025206880%
OH1993	West Mansfield Village, Ohio	0.0000798031%
OH1994	West Millgrove Village, Ohio	0.0001102020%
OH1995	West Milton Village, Ohio	0.0098350376%
OH1996	West Rushville Village, Ohio	0.0001070525%
OH1997	West Salem Village, Ohio	0.0004987159%
OH1998	West Township, Ohio	0.0005857063%
OH1999	West Union Village, Ohio	0.0111998820%
OH2000	West Unity Village, Ohio	0.0014694352%
OH2001	Westerville City, Ohio	0.2122517954%
OH2002	Westfield Center Village, Ohio	0.0015469538%
OH2003	Westfield Township, Ohio	0.0022200558%
OH2004	Westlake City, Ohio	0.0470647273%
OH2005	Westland Township, Ohio	0.0000407937%
OH2006	Weston Township, Ohio	0.0001040797%
OH2007	Weston Village, Ohio	0.0009305950%
OH2008	Wharton Village, Ohio	0.0000269859%
OH2009	Wheeling Township, Belmont County, Ohio	0.0005343072%
OH2010	Wheeling Township, Guernsey County, Ohio	0.0000407937%
OH2011	Whetstone Township, Ohio	0.0003262846%
OH2012	White Eyes Township, Ohio	0.0001913444%
OH2013	Whitehall City, Ohio	0.0708163966%
OH2014	Whitehouse Village, Ohio	0.0191159792%
OH2015	Whitewater Township, Ohio	0.0072647461%
OH2016	Wickliffe City, Ohio	0.0543194216%
OH2017	Wilkesville Township, Ohio	0.0005461896%
OH2018	Wilkesville Village, Ohio	0.0001034151%
OH2019	Willard City, Ohio	0.0338504955%
OH2020	Williams County, Ohio	0.1507467614%
OH2021	Williamsburg Township, Ohio	0.0138253270%
OH2022	Williamsburg Village, Ohio	0.0064127452%
OH2023	Williamsfield Township, Ohio	0.0004696334%
OH2024	Williamsport Village, Ohio	0.0004226644%
OH2025	Willoughby City, Ohio	0.1356374532%
OH2026	Willoughby Hills City, Ohio	0.0528410843%
OH2027	Willowick City, Ohio	0.0540256495%
OH2028	Wills Township, Ohio	0.0001087832%
OH2029	Willshire Village, Ohio	0.0006690639%
OH2030	Wilmington City, Ohio	0.1278227818%
OH2031	Wilmot Village, Ohio	0.0024343932%
OH2032	Wilson Township, Ohio	0.0006914162%
OH2033	Wilson Village, Ohio	0.0001415832%
OH2034	Winchester Village, Ohio	0.0033994936%
OH2035	Windham Township, Ohio	0.0001218723%
OH2036	Windham Village, Ohio	0.0030305573%

OH2037	Windsor Township, Ashtabula County, Ohio	0.0006340051%
OH2038	Windsor Township, Lawrence County, Ohio	0.0007128053%
OH2039	Windsor Township, Morgan County, Ohio	0.0004926943%
OH2040	Wintersville Village, Ohio	0.0169582518%
OH2041	Wood County, Ohio	0.6017827347%
OH2042	Woodlawn Village, Ohio	0.0240822158%
OH2043	Woodmere Village, Ohio	0.0007072352%
OH2044	Woodsfield Village, Ohio	0.0011221301%
OH2045	Woodstock Village, Ohio	0.0001517571%
OH2046	Woodville Township, Ohio	0.0019622167%
OH2047	Woodville Village, Ohio	0.0034270973%
OH2048	Wooster City, Ohio	0.4046402646%
OH2049	Wooster Township, Ohio	0.0017358405%
OH2050	Worthington City, Ohio	0.0819890902%
OH2051	Worthington Township, Ohio	0.0017573559%
OH2052	Wren Village, Ohio	0.0008301349%
OH2053	Wyandot County, Ohio	0.0959147354%
OH2054	Wyoming City, Ohio	0.0220280462%
OH2055	Xenia City, Ohio	0.1268376308%
OH2056	Xenia Township, Ohio	0.0075532986%
OH2057	Yankee Lake Village, Ohio	0.0000341003%
OH2058	Yellow Creek Township, Ohio	0.0010782320%
OH2059	Yellow Springs Village, Ohio	0.0142295064%
OH2060	York Township, Athens County, Ohio	0.0005523599%
OH2061	York Township, Fulton County, Ohio	0.0061882726%
OH2062	York Township, Medina County, Ohio	0.0023145263%
OH2063	York Township, Sandusky County, Ohio	0.0006239306%
OH2064	York Township, Tuscarawas County, Ohio	0.0007784341%
OH2065	York Township, Van Wert County, Ohio	0.0001115107%
OH2066	Yorkshire Village, Ohio	0.0007627380%
OH2067	Yorkville Village, Ohio	0.0011795516%
OH2068	Youngstown City, Ohio	0.5751891038%
OH2069	Zaleski Village, Ohio	0.0000780271%
OH2070	Zane Township, Ohio	0.0012568985%
OH2071	Zanesfield Village, Ohio	0.0001257699%
OH2072	Zanesville City, Ohio	0.1371227251%
OH2073	Zoar Village, Ohio	0.0002364863%

OK1	Ada City, Oklahoma	0.8751127538%
OK2	Adair County, Oklahoma	0.4266209709%
OK3	Alfalfa County, Oklahoma	0.0752358760%
OK4	Altus City, Oklahoma	0.0622184471%
OK5	Anadarko City, Oklahoma	0.2177062552%
OK6	Ardmore City, Oklahoma	0.8834203994%
OK7	Atoka County, Oklahoma	0.3570166411%
OK8	Bartlesville City, Oklahoma	0.7616370548%
OK9	Beaver County, Oklahoma	0.0784743727%
OK10	Beckham County, Oklahoma	0.2846460130%
OK11	Bethany City, Oklahoma	0.2482441625%
OK12	Bixby City, Oklahoma	0.2557077913%
OK13	Blaine County, Oklahoma	0.1909298641%
OK14	Broken Arrow City, Oklahoma	1.9405732012%
OK15	Bryan County, Oklahoma	0.5253079080%
OK16	Caddo County, Oklahoma	0.4845736458%
OK17	Canadian County, Oklahoma	0.5808839408%
OK18	Carter County, Oklahoma	1.0204659663%
OK19	Cherokee County, Oklahoma	0.0547155245%
OK20	Chickasha City, Oklahoma	0.1510124411%
OK21	Choctaw City, Oklahoma	0.0613538158%
OK22	Choctaw County, Oklahoma	0.4004199348%
OK23	Cimarron County, Oklahoma	0.0722904419%
OK24	Claremore City, Oklahoma	0.7190775254%
OK25	Cleveland County, Oklahoma	0.2725422694%
OK26	Coal County, Oklahoma	0.1610866236%
OK27	Comanche County, Oklahoma	2.0790341012%
OK28	Cotton County, Oklahoma	0.1077265239%
OK29	Coweta City, Oklahoma	0.3910652406%
OK30	Craig County, Oklahoma	0.2892248732%
OK31	Creek County, Oklahoma	1.2474865281%
OK32	Custer County, Oklahoma	0.4049880250%
OK33	Del City, Oklahoma	0.2643825434%
OK34	Delaware County, Oklahoma	0.8410533842%
OK35	Dewey County, Oklahoma	0.0676712782%
OK36	Duncan City, Oklahoma	0.8937861298%
OK37	Durant City, Oklahoma	0.7336303563%
OK38	Edmond City, Oklahoma	1.4615935748%
OK39	El Reno City, Oklahoma	0.2053992273%
OK40	Elk City, Oklahoma	0.3587477547%
OK41	Ellis County, Oklahoma	0.0583375351%
OK42	Enid City, Oklahoma	0.7392412881%
OK43	Garfield County, Oklahoma	0.2542221165%
OK44	Garvin County, Oklahoma	0.8411004189%
OK45	Glenpool City, Oklahoma	0.1608895657%
OK46	Grady County, Oklahoma	1.0545977812%
OK47	Grant County, Oklahoma	0.0405478903%
OK48	Greer County, Oklahoma	0.1583252054%
OK49	Guthrie City, Oklahoma	0.1856265512%

OK50	Guymon City, Oklahoma	0.0547591936%
OK51	Harmon County, Oklahoma	0.0673861249%
OK52	Harper County, Oklahoma	0.0522026584%
OK53	Haskell County, Oklahoma	0.2531508354%
OK54	Hughes County, Oklahoma	0.2061436213%
OK55	Jackson County, Oklahoma	0.4801048418%
OK56	Jefferson County, Oklahoma	0.3090924602%
OK57	Jenks City, Oklahoma	0.1806228639%
OK58	Johnston County, Oklahoma	0.4472082986%
OK59	Kay County, Oklahoma	0.5067583031%
OK60	Kingfisher County, Oklahoma	0.2717757463%
OK61	Kiowa County, Oklahoma	0.2298382701%
OK62	Latimer County, Oklahoma	0.3148762172%
OK63	Lawton City, Oklahoma	0.3312681144%
OK64	Le Flore County, Oklahoma	1.4166392289%
OK65	Lincoln County, Oklahoma	0.6999457500%
OK66	Logan County, Oklahoma	0.5399784520%
OK67	Love County, Oklahoma	0.2288662752%
OK68	Major County, Oklahoma	0.0852741304%
OK69	Marshall County, Oklahoma	0.2609426135%
OK70	Mayes County, Oklahoma	1.2431623622%
OK71	McAlester City, Oklahoma	1.2318612380%
OK72	McClain County, Oklahoma	0.6643227071%
OK73	McCurtain County, Oklahoma	0.8951427325%
OK74	McIntosh County, Oklahoma	0.6473819592%
OK75	Miami City, Oklahoma	0.3080134381%
OK76	Midwest City, Oklahoma	1.3662006673%
OK77	Moore City, Oklahoma	0.2533704430%
OK78	Murray County, Oklahoma	0.5297956437%
OK79	Muskogee City, Oklahoma	2.5039385148%
OK80	Muskogee County, Oklahoma	0.1783839604%
OK81	Mustang City, Oklahoma	0.1655020823%
OK82	Newcastle City, Oklahoma	0.2606099206%
OK83	Noble County, Oklahoma	0.1688783176%
OK84	Norman City, Oklahoma	4.4189589851%
OK85	Nowata County, Oklahoma	0.1569775216%
OK86	Okfuskee County, Oklahoma	0.2609296558%
OK87	Oklahoma City, Oklahoma	14.3489114350%
OK88	Oklahoma County, Oklahoma	3.3422940072%
OK89	Okmulgee City, Oklahoma	0.5086746948%
OK90	Okmulgee County, Oklahoma	0.4742639531%
OK91	Osage County, Oklahoma	0.5896618496%
OK92	Ottawa County, Oklahoma	0.3159777890%
OK93	Owasso City, Oklahoma	0.7456266521%
OK94	Pawnee County, Oklahoma	0.6201145221%
OK95	Payne County, Oklahoma	0.6719554590%
OK96	Pittsburg County, Oklahoma	0.1253496540%
OK97	Ponca City, Oklahoma	0.4343605817%
OK98	Pontotoc County, Oklahoma	0.3451006157%

OK99	Pottawatomie County, Oklahoma	0.8536612997%
OK100	Pushmataha County, Oklahoma	0.3982344607%
OK101	Roger Mills County, Oklahoma	0.0439550052%
OK102	Rogers County, Oklahoma	1.2081401690%
OK103	Sand Springs City, Oklahoma	0.3849881687%
OK104	Sapulpa City, Oklahoma	1.1421081226%
OK105	Seminole City, Oklahoma	0.2214634802%
OK106	Seminole County, Oklahoma	0.4144393970%
OK107	Sequoyah County, Oklahoma	1.5345087624%
OK108	Shawnee City, Oklahoma	1.3614784311%
OK109	Stephens County, Oklahoma	0.8246887486%
OK110	Stillwater City, Oklahoma	0.8442351700%
OK111	Tahlequah City, Oklahoma	1.5329176592%
OK112	Texas County, Oklahoma	0.3711376613%
OK113	Tillman County, Oklahoma	0.1988848754%
OK114	Tulsa City, Oklahoma	11.8499277217%
OK115	Tulsa County, Oklahoma	5.3498014970%
OK116	Wagoner County, Oklahoma	0.8686244855%
OK117	Warr Acres City, Oklahoma	0.1616160377%
OK118	Washington County, Oklahoma	0.3936750370%
OK119	Washita County, Oklahoma	0.2228994277%
OK120	Weatherford City, Oklahoma	0.1872773945%
OK121	Woods County, Oklahoma	0.1975804400%
OK122	Woodward City, Oklahoma	0.2327716722%
OK123	Woodward County, Oklahoma	0.1781706634%
OK124	Yukon City, Oklahoma	0.3103071173%

OR1	Albany City, Oregon	1.1488593673%
OR2	Ashland City, Oregon	0.5683136367%
OR3	Astoria City, Oregon	0.1845495963%
OR4	Baker County, Oregon	0.4736253192%
OR5	Beaverton City, Oregon	0.9637676073%
OR6	Bend City, Oregon	0.9373492716%
OR7	Benton County, Oregon	1.0144102006%
OR8	Canby City, Oregon	0.1704081794%
OR9	Central Point City, Oregon	0.1705985180%
OR10	Clackamas County, Oregon	7.7136877952%
OR11	Clatsop County, Oregon	1.1338982236%
OR12	Columbia County, Oregon	1.0021829571%
OR13	Coos Bay City, Oregon	0.2520118937%
OR14	Coos County, Oregon	1.5517079397%
OR15	Cornelius City, Oregon	0.0942707602%
OR16	Corvallis City, Oregon	0.6584520605%
OR17	Cottage Grove City, Oregon	0.0903479969%
OR18	Crook County, Oregon	0.3487178331%
OR19	Curry County, Oregon	0.7556509064%
OR20	Dallas City, Oregon	0.1595048592%
OR21	Deschutes County, Oregon	2.2402392583%
OR22	Douglas County, Oregon	2.5498986381%
OR23	Eugene City, Oregon	2.7406296371%
OR24	Forest Grove City, Oregon	0.2503466825%
OR25	Gilliam County, Oregon	0.0265259656%
OR26	Gladstone City, Oregon	0.1172599918%
OR27	Grant County, Oregon	0.1472571267%
OR28	Grants Pass City, Oregon	0.8171535004%
OR29	Gresham City, Oregon	0.9759036121%
OR30	Happy Valley City, Oregon	0.0102738483%
OR31	Harney County, Oregon	0.1891840384%
OR32	Hermiston City, Oregon	0.1306543550%
OR33	Hillsboro City, Oregon	1.4971670861%
OR34	Hood River County, Oregon	0.3527335914%
OR35	Independence City, Oregon	0.0802971858%
OR36	Jackson County, Oregon	4.0467193349%
OR37	Jefferson County, Oregon	0.3647444042%
OR38	Josephine County, Oregon	1.6413900862%
OR39	Keizer City, Oregon	0.1902346636%
OR40	Klamath County, Oregon	1.2079387411%
OR41	Klamath Falls City, Oregon	0.3185477543%
OR42	La Grande City, Oregon	0.2695511377%
OR43	Lake County, Oregon	0.2154171369%
OR44	Lake Oswego City, Oregon	0.6882741609%
OR45	Lane County, Oregon	6.2857222290%
OR46	Lebanon City, Oregon	0.3245102175%
OR47	Lincoln County, Oregon	1.5077702636%
OR48	Linn County, Oregon	1.8050527049%
OR49	Malheur County, Oregon	0.4976846614%

OR50	Marion County, Oregon	4.1327729232%
OR51	McMinnville City, Oregon	0.4767972656%
OR52	Medford City, Oregon	1.5425519539%
OR53	Milwaukie City, Oregon	0.2097973835%
OR54	Monmouth City, Oregon	0.0701718618%
OR55	Morrow County, Oregon	0.1341522854%
OR56	Multnomah County, Oregon	13.8608317825%
OR57	Newberg City, Oregon	0.4062904716%
OR58	Newport City, Oregon	0.1894241359%
OR59	Ontario City, Oregon	0.1855915241%
OR60	Oregon City, Oregon	0.2744536929%
OR61	Pendleton City, Oregon	0.3494939894%
OR62	Polk County, Oregon	0.7021841776%
OR63	Portland City, Oregon	8.2123187134%
OR64	Prineville City, Oregon	0.0918003735%
OR65	Redmond City, Oregon	0.1538815097%
OR66	Roseburg City, Oregon	0.6323558619%
OR67	Salem City, Oregon	3.0212513521%
OR68	Sandy City, Oregon	0.0769268725%
OR69	Sherman County, Oregon	0.0160698907%
OR70	Sherwood City, Oregon	0.1393792357%
OR71	Silverton City, Oregon	0.0769879213%
OR72	Springfield City, Oregon	1.1580718860%
OR73	St. Helens City, Oregon	0.1949886110%
OR74	The Dalles City, Oregon	0.1710639107%
OR75	Tigard City, Oregon	0.5012429717%
OR76	Tillamook County, Oregon	0.8934482248%
OR77	Troutdale City, Oregon	0.0893256381%
OR78	Tualatin City, Oregon	0.1540060326%
OR79	Umatilla County, Oregon	0.9666419198%
OR80	Union County, Oregon	0.4123039482%
OR81	Wallowa County, Oregon	0.1279263088%
OR82	Wasco County, Oregon	0.4085755376%
OR83	Washington County, Oregon	7.1632479165%
OR84	West Linn City, Oregon	0.1588636792%
OR85	Wheeler County, Oregon	0.0191474206%
OR86	Wilsonville City, Oregon	0.1373093460%
OR87	Woodburn City, Oregon	0.2054004464%
OR88	Yamhill County, Oregon	1.4015540879%

PA1	Abington Township, Pennsylvania	0.1716857122%
PA2	Adams County, Pennsylvania	0.5253944264%
PA3	Adams Township, Butler County, Pennsylvania	0.0116804385%
PA4	Aliquippa City, Pennsylvania	0.0126097620%
PA5	Allegheny County, Pennsylvania	9.0771889158%
PA6	Allentown City, Pennsylvania	0.3114788245%
PA7	Altoona City, Pennsylvania	0.1325071620%
PA8	Amity Township, Berks County, Pennsylvania	0.0088125411%
PA9	Antrim Township, Pennsylvania	0.0045609059%
PA10	Armstrong County, Pennsylvania	0.6706608856%
PA11	Aston Township, Pennsylvania	0.0398818591%
PA12	Baldwin Borough, Pennsylvania	0.0319965165%
PA13	Beaver County, Pennsylvania	1.3873740052%
PA14	Bedford County, Pennsylvania	0.2994277475%
PA15	Bensalem Township, Pennsylvania	0.3040781195%
PA16	Berks County, Pennsylvania	1.7381997812%
PA17	Bethel Park Municipality, Pennsylvania	0.0518731268%
PA18	Bethlehem City, Pennsylvania	0.1455525429%
PA19	Bethlehem Township, Pennsylvania	0.0361920258%
PA20	Blair County, Pennsylvania	0.9491920525%
PA21	Bloomsburg Town, Pennsylvania	0.0341918007%
PA22	Bradford County, Pennsylvania	0.3959357942%
PA23	Bristol Township, Pennsylvania	0.1633828847%
PA24	Buckingham Township, Bucks County, Pennsylvania	0.0394977381%
PA25	Bucks County, Pennsylvania	3.9809296859%
PA26	Butler City, Pennsylvania	0.0498804576%
PA27	Butler County, Pennsylvania	1.2504847987%
PA28	Butler Township, Butler County, Pennsylvania	0.0231032222%
PA29	Caln Township, Pennsylvania	0.0188882094%
PA30	Cambria County, Pennsylvania	2.3036081762%
PA31	Cameron County, Pennsylvania	0.0391676650%
PA32	Carbon County, Pennsylvania	0.5693092966%
PA33	Carlisle Borough, Pennsylvania	0.0415712077%
PA34	Cecil Township, Pennsylvania	0.0258191288%
PA35	Center Township, Beaver County, Pennsylvania	0.0114705509%
PA36	Centre County, Pennsylvania	0.5755080768%
PA37	Chambersburg Borough, Pennsylvania	0.0807327808%
PA38	Cheltenham Township, Pennsylvania	0.1064956185%
PA39	Chester City, Pennsylvania	0.1874127623%
PA40	Chester County, Pennsylvania	2.2939048465%
PA41	Chestnuthill Township, Pennsylvania	0.0070800296%
PA42	Clarion County, Pennsylvania	0.2109569397%
PA43	Clearfield County, Pennsylvania	0.4891902405%
PA44	Clinton County, Pennsylvania	0.2144679589%

PA45	Coal Township, Pennsylvania	0.0133740137%
PA46	Coatesville City, Pennsylvania	0.0393231032%
PA47	College Township, Pennsylvania	0.0136039479%
PA48	Columbia Borough, Pennsylvania	0.0159359932%
PA49	Columbia County, Pennsylvania	0.3754668281%
PA50	Concord Township, Delaware County, Pennsylvania	0.0064311937%
PA51	Coolbaugh Township, Pennsylvania	0.0436747827%
PA52	Cranberry Township, Butler County, Pennsylvania	0.0622384443%
PA53	Crawford County, Pennsylvania	0.6793161939%
PA54	Cumberland County, Pennsylvania	1.2385860903%
PA55	Cumru Township, Pennsylvania	0.0235067996%
PA56	Darby Borough, Pennsylvania	0.0316599974%
PA57	Dauphin County, Pennsylvania	1.3619255150%
PA58	Delaware County, Pennsylvania	4.3490976006%
PA59	Derry Township, Dauphin County, Pennsylvania	0.0278851370%
PA60	Derry Township, Westmoreland County, Pennsylvania	0.0028455604%
PA61	Dingman Township, Pennsylvania	0.0075117525%
PA62	Douglass Township, Montgomery County, Pennsylvania	0.0155624032%
PA63	Dover Township, Pennsylvania	0.0181552437%
PA64	Doylestown Township, Pennsylvania	0.0281786822%
PA65	Dunmore Borough, Pennsylvania	0.0353890031%
PA66	East Cocalico Township, Pennsylvania	0.0220752947%
PA67	East Goshen Township, Pennsylvania	0.0265646560%
PA68	East Hempfield Township, Pennsylvania	0.0329626985%
PA69	East Lampeter Township, Pennsylvania	0.0363197198%
PA70	East Norriton Township, Pennsylvania	0.0294511126%
PA71	East Pennsboro Township, Pennsylvania	0.0205253753%
PA72	East Stroudsburg Borough, Pennsylvania	0.0329090519%
PA73	East Whiteland Township, Pennsylvania	0.0370494033%
PA74	Easton City, Pennsylvania	0.1209643109%
PA75	Easttown Township, Pennsylvania	0.0217606403%
PA76	Edwardsville Borough, Pennsylvania	0.0189749837%
PA77	Elizabeth Township, Allegheny County, Pennsylvania	0.0186489956%
PA78	Elizabethtown Borough, Pennsylvania	0.0226696103%
PA79	Elk County, Pennsylvania	0.1842689815%
PA80	Emmaus Borough, Pennsylvania	0.0189823979%
PA81	Ephrata Borough, Pennsylvania	0.0323879573%
PA82	Ephrata Township, Pennsylvania	0.0106718965%
PA83	Erie City, Pennsylvania	0.1819428392%
PA84	Erie County, Pennsylvania	1.6551298548%

PA85	Exeter Borough, Pennsylvania	0.0081614148%
PA86	Exeter Township, Berks County, Pennsylvania	0.0275799039%
PA87	Fairview Township, Erie County, Pennsylvania	0.0010841242%
PA88	Fairview Township, York County, Pennsylvania	0.0213916783%
PA89	Falls Township, Bucks County, Pennsylvania	0.1095232279%
PA90	Fayette County, Pennsylvania	1.5021984244%
PA91	Ferguson Township, Centre County, Pennsylvania	0.0189311833%
PA92	Forest County, Pennsylvania	0.0406659448%
PA93	Forks Township, Northampton County, Pennsylvania	0.0159337029%
PA94	Forty Fort Borough, Pennsylvania	0.0104717843%
PA95	Franconia Township, Pennsylvania	0.0270099559%
PA96	Franklin County, Pennsylvania	0.6761855651%
PA97	Franklin Park Borough, Pennsylvania	0.0172024262%
PA98	Fulton County, Pennsylvania	0.0935219473%
PA99	Greene County, Pennsylvania	0.3236912664%
PA100	Greene Township, Franklin County, Pennsylvania	0.0035358827%
PA101	Greensburg City, Pennsylvania	0.0414893211%
PA102	Guilford Township, Pennsylvania	0.0058398533%
PA103	Hamilton Township, Franklin County, Pennsylvania	0.0022381401%
PA104	Hampden Township, Pennsylvania	0.0344524071%
PA105	Hampton Township, Pennsylvania	0.0283370719%
PA106	Hanover Borough, Pennsylvania	0.0243578727%
PA107	Hanover Township, Luzerne County, Pennsylvania	0.0245389536%
PA108	Hanover Township, Northampton County, Pennsylvania	0.0101971524%
PA109	Harborcreek Township, Pennsylvania	0.0014873946%
PA110	Harrisburg City, Pennsylvania	0.1286564596%
PA111	Harrison Township, Allegheny County, Pennsylvania	0.0125577683%
PA112	Hatfield Township, Pennsylvania	0.0403161321%
PA113	Haverford Township, Pennsylvania	0.1410660858%
PA114	Hazleton City, Pennsylvania	0.0914571905%
PA115	Hempfield Township, Westmoreland County, Pennsylvania	0.0120047266%
PA116	Hermitage City, Pennsylvania	0.1266110175%
PA117	Hilltown Township, Pennsylvania	0.0337787549%
PA118	Hopewell Township, Beaver County, Pennsylvania	0.0137204971%
PA119	Horsham Township, Pennsylvania	0.0532524254%
PA120	Huntingdon County, Pennsylvania	0.2196063686%

PA121	Indiana Borough, Pennsylvania	0.0557516441%
PA122	Indiana County, Pennsylvania	0.6849005647%
PA123	Jefferson County, Pennsylvania	0.3080403652%
PA124	Jefferson Hills Borough, Pennsylvania	0.0223397025%
PA125	Johnstown City, Pennsylvania	0.1376764563%
PA126	Juniata County, Pennsylvania	0.1257039366%
PA127	Kingston Borough, Pennsylvania	0.0579092199%
PA128	Lackawanna County, Pennsylvania	1.6187696404%
PA129	Lancaster City, Pennsylvania	0.2111259312%
PA130	Lancaster County, Pennsylvania	2.1716797222%
PA131	Lancaster Township, Lancaster County, Pennsylvania	0.0102800307%
PA132	Lansdale Borough, Pennsylvania	0.0492762958%
PA133	Lansdowne Borough, Pennsylvania	0.0210170021%
PA134	Lawrence County, Pennsylvania	0.9417560475%
PA135	Lebanon City, Pennsylvania	0.0459600053%
PA136	Lebanon County, Pennsylvania	0.6659194419%
PA137	Lehigh County, Pennsylvania	1.6280197601%
PA138	Lehigh Township, Northampton County, Pennsylvania	0.0064163654%
PA139	Lehman Township, Pike County, Pennsylvania	0.0065367397%
PA140	Limerick Township, Pennsylvania	0.0362752819%
PA141	Lock Haven City, Pennsylvania	0.0315428816%
PA142	Logan Township, Blair County, Pennsylvania	0.0280267858%
PA143	Lower Allen Township, Pennsylvania	0.0312959466%
PA144	Lower Burrell City, Pennsylvania	0.0230185729%
PA145	Lower Gwynedd Township, Pennsylvania	0.0326782676%
PA146	Lower Macungie Township, Pennsylvania	0.0047316447%
PA147	Lower Makefield Township, Pennsylvania	0.0499247539%
PA148	Lower Merion Township, Pennsylvania	0.2415824218%
PA149	Lower Moreland Township, Pennsylvania	0.0322806404%
PA150	Lower Paxton Township, Pennsylvania	0.0262808863%
PA151	Lower Pottsgrove Township, Pennsylvania	0.0247074965%
PA152	Lower Providence Township, Pennsylvania	0.0344351467%
PA153	Lower Salford Township, Pennsylvania	0.0315408981%
PA154	Lower Saucon Township, Pennsylvania	0.0107723658%
PA155	Lower Southampton Township, Pennsylvania	0.0681323691%
PA156	Loyalsock Township, Pennsylvania	0.0033615548%
PA157	Luzerne County, Pennsylvania	1.9841834441%
PA158	Lycoming County, Pennsylvania	0.5360423331%

PA159	Manchester Township, York County, Pennsylvania	0.0347631890%
PA160	Manheim Township, Lancaster County, Pennsylvania	0.0683876628%
PA161	Manor Township, Lancaster County, Pennsylvania	0.0138460424%
PA162	Marple Township, Pennsylvania	0.0463634882%
PA163	McCandless Township, Pennsylvania	0.0455473373%
PA164	McKean County, Pennsylvania	0.3028612246%
PA165	McKeesport City, Pennsylvania	0.0555716494%
PA166	Meadville City, Pennsylvania	0.0508303709%
PA167	Mercer County, Pennsylvania	0.7672567220%
PA168	Middle Smithfield Township, Pennsylvania	0.0102267147%
PA169	Middletown Township, Bucks County, Pennsylvania	0.1227948597%
PA170	Middletown Township, Delaware County, Pennsylvania	0.0049179675%
PA171	Mifflin County, Pennsylvania	0.2444463288%
PA172	Milford Township, Bucks County, Pennsylvania	0.0042322496%
PA173	Millcreek Township, Erie County, Pennsylvania	0.0600715181%
PA174	Monroe County, Pennsylvania	1.0446694800%
PA175	Monroeville Municipality, Pennsylvania	0.0885064620%
PA176	Montgomery County, Pennsylvania	4.1556752852%
PA177	Montgomery Township, Montgomery County, Pennsylvania	0.0614266143%
PA178	Montour County, Pennsylvania	0.1582514641%
PA179	Moon Township, Pennsylvania	0.0467984224%
PA180	Morrisville Borough, Pennsylvania	0.0202295870%
PA181	Mount Joy Township, Pennsylvania	0.0104237101%
PA182	Mount Lebanon Township, Pennsylvania	0.0919625831%
PA183	Mount Pleasant Township, Westmoreland County, Pennsylvania	0.0017276710%
PA184	Muhlenberg Township, Pennsylvania	0.0208765575%
PA185	Munhall Borough, Pennsylvania	0.0196654948%
PA186	Murrysville Municipality, Pennsylvania	0.0422134322%
PA187	Nanticoke City, Pennsylvania	0.0721951314%
PA188	Nether Providence Township, Pennsylvania	0.0194869640%
PA189	New Britain Township, Pennsylvania	0.0242239687%
PA190	New Castle City, Pennsylvania	0.1510594897%
PA191	New Garden Township, Pennsylvania	0.0147042936%
PA192	New Hanover Township, Pennsylvania	0.0156641240%
PA193	New Kensington City, Pennsylvania	0.0522999384%
PA194	Newberry Township, Pennsylvania	0.0129120437%

PA195	Newtown Township, Bucks County, Pennsylvania	0.0561194964%
PA196	Newtown Township, Delaware County, Pennsylvania	0.0325763343%
PA197	Norristown Borough, Pennsylvania	0.0911181685%
PA198	North Fayette Township, Pennsylvania	0.0287358560%
PA199	North Huntingdon Township, Pennsylvania	0.0620815657%
PA200	North Lebanon Township, Pennsylvania	0.0104009717%
PA201	North Middleton Township, Pennsylvania	0.0100402266%
PA202	North Strabane Township, Pennsylvania	0.0301440085%
PA203	North Union Township, Fayette County, Pennsylvania	0.0036336130%
PA204	North Whitehall Township, Pennsylvania	0.0024053608%
PA205	Northampton County, Pennsylvania	1.4273129347%
PA206	Northampton Township, Bucks County, Pennsylvania	0.0725033869%
PA207	Northumberland County, Pennsylvania	0.6342806481%
PA208	Palmer Township, Pennsylvania	0.0192909131%
PA209	Patton Township, Pennsylvania	0.0206875902%
PA210	Penn Hills Township, Pennsylvania	0.0786229014%
PA211	Penn Township, Westmoreland County, Pennsylvania	0.0470153228%
PA212	Penn Township, York County, Pennsylvania	0.0254794929%
PA213	Perry County, Pennsylvania	0.2769734792%
PA214	Peters Township, Washington County, Pennsylvania	0.0367514663%
PA215	Philadelphia City, Pennsylvania	15.4241178505%
PA216	Phoenixville Borough, Pennsylvania	0.0304064566%
PA217	Pike County, Pennsylvania	0.4194501968%
PA218	Pine Township, Allegheny County, Pennsylvania	0.0149582886%
PA219	Pittsburgh City, Pennsylvania	1.8621545362%
PA220	Plains Township, Pennsylvania	0.0349423810%
PA221	Plum Borough, Pennsylvania	0.0364300353%
PA222	Plumstead Township, Pennsylvania	0.0289716224%
PA223	Plymouth Township, Montgomery County, Pennsylvania	0.0603632451%
PA224	Pocono Township, Pennsylvania	0.0342638884%
PA225	Potter County, Pennsylvania	0.1064541793%
PA226	Pottstown Borough, Pennsylvania	0.0548059102%
PA227	Pottsville City, Pennsylvania	0.0393984966%
PA228	Radnor Township, Pennsylvania	0.0635974365%
PA229	Rapho Township, Pennsylvania	0.0024622422%
PA230	Reading City, Pennsylvania	0.3107085518%

PA231	Richland Township, Allegheny County, Pennsylvania	0.0145829749%
PA232	Richland Township, Bucks County, Pennsylvania	0.0196943488%
PA233	Richland Township, Cambria County, Pennsylvania	0.0268733129%
PA234	Ridley Township, Pennsylvania	0.0360651581%
PA235	Robinson Township, Allegheny County, Pennsylvania	0.0401754751%
PA236	Ross Township, Allegheny County, Pennsylvania	0.0519747767%
PA237	Rostraver Township, Pennsylvania	0.0254068150%
PA238	Salisbury Township, Lancaster County, Pennsylvania	0.0010972289%
PA239	Salisbury Township, Lehigh County, Pennsylvania	0.0101937286%
PA240	Sandy Township, Pennsylvania	0.0232682705%
PA241	Schuylkill County, Pennsylvania	1.1360040059%
PA242	Scott Township, Allegheny County, Pennsylvania	0.0263118889%
PA243	Scranton City, Pennsylvania	0.4360616367%
PA244	Shaler Township, Pennsylvania	0.0319417837%
PA245	Sharon City, Pennsylvania	0.0964271990%
PA246	Silver Spring Township, Pennsylvania	0.0228591207%
PA247	Skippack Township, Pennsylvania	0.0040963386%
PA248	Snyder County, Pennsylvania	0.1878575427%
PA249	Somerset County, Pennsylvania	0.5405033836%
PA250	Somerset Township, Somerset County, Pennsylvania	0.0039666612%
PA251	South Fayette Township, Pennsylvania	0.0228870538%
PA252	South Lebanon Township, Pennsylvania	0.0052508032%
PA253	South Middleton Township, Pennsylvania	0.0056161526%
PA254	South Park Township, Pennsylvania	0.0201815601%
PA255	South Union Township, Pennsylvania	0.0040522313%
PA256	South Whitehall Township, Pennsylvania	0.0202664927%
PA257	Spring Garden Township, Pennsylvania	0.0310942996%
PA258	Spring Township, Berks County, Pennsylvania	0.0278654682%
PA259	Springettsbury Township, Pennsylvania	0.0408509690%
PA260	Springfield Township, Delaware County, Pennsylvania	0.0497514413%
PA261	Springfield Township, Montgomery County, Pennsylvania	0.0383927880%
PA262	St. Marys City, Pennsylvania	0.0309022627%
PA263	State College Borough, Pennsylvania	0.0851447655%
PA264	Stroud Township, Pennsylvania	0.0499681528%
PA265	Sugar Notch Borough, Pennsylvania	0.0011073349%

PA266	Sullivan County, Pennsylvania	0.0308017225%
PA267	Susquehanna County, Pennsylvania	0.2942393746%
PA268	Susquehanna Township, Dauphin County, Pennsylvania	0.0293410568%
PA269	Swatara Township, Dauphin County, Pennsylvania	0.0276821677%
PA270	Tioga County, Pennsylvania	0.2348579899%
PA271	Towamencin Township, Pennsylvania	0.0301076460%
PA272	Tredyffrin Township, Pennsylvania	0.0647473439%
PA273	Union County, Pennsylvania	0.2025761688%
PA274	Union Township, Washington County, Pennsylvania	0.0016618642%
PA275	Unity Township, Pennsylvania	0.0070376932%
PA276	Upper Allen Township, Pennsylvania	0.0310776767%
PA277	Upper Chichester Township, Pennsylvania	0.0387469453%
PA278	Upper Darby Township, Pennsylvania	0.2609134046%
PA279	Upper Dublin Township, Pennsylvania	0.0660962774%
PA280	Upper Gwynedd Township, Pennsylvania	0.0294511126%
PA281	Upper Macungie Township, Pennsylvania	0.0203083805%
PA282	Upper Merion Township, Pennsylvania	0.1102960743%
PA283	Upper Moreland Township, Pennsylvania	0.0501362471%
PA284	Upper Providence Township, Delaware County, Pennsylvania	0.0195710230%
PA285	Upper Providence Township, Montgomery County, Pennsylvania	0.0475194167%
PA286	Upper Saucon Township, Pennsylvania	0.0121989830%
PA287	Upper Southampton Township, Pennsylvania	0.0288130438%
PA288	Upper Uwchlan Township, Pennsylvania	0.0134355703%
PA289	Uwchlan Township, Pennsylvania	0.0295796330%
PA290	Venango County, Pennsylvania	0.4173654407%
PA291	Warminster Township, Pennsylvania	0.0781034360%
PA292	Warren County, Pennsylvania	0.2233381842%
PA293	Warrington Township, Bucks County, Pennsylvania	0.0428775922%
PA294	Warwick Township, Bucks County, Pennsylvania	0.0303889837%
PA295	Warwick Township, Lancaster County, Pennsylvania	0.0107372075%
PA296	Washington City, Pennsylvania	0.0371118809%
PA297	Washington County, Pennsylvania	1.5644453218%
PA298	Washington Township, Franklin County, Pennsylvania	0.0134758289%
PA299	Wayne County, Pennsylvania	0.4359565631%

PA300	Waynesboro Borough, Pennsylvania	0.0153378289%
PA301	West Bradford Township, Pennsylvania	0.0019529773%
PA302	West Chester Borough, Pennsylvania	0.0409767032%
PA303	West Deer Township, Pennsylvania	0.0129721836%
PA304	West Goshen Township, Pennsylvania	0.0411406417%
PA305	West Hanover Township, Pennsylvania	0.0017916124%
PA306	West Hempfield Township, Pennsylvania	0.0134149806%
PA307	West Lampeter Township, Pennsylvania	0.0105347340%
PA308	West Manchester Township, Pennsylvania	0.0213714191%
PA309	West Mifflin Borough, Pennsylvania	0.0436394118%
PA310	West Norriton Township, Pennsylvania	0.0336121955%
PA311	West Pittston Borough, Pennsylvania	0.0090773739%
PA312	West Whiteland Township, Pennsylvania	0.0364079108%
PA313	Westmoreland County, Pennsylvania	3.2377785417%
PA314	Westtown Township, Pennsylvania	0.0209338404%
PA315	White Township, Indiana County, Pennsylvania	0.0076200375%
PA316	Whitehall Borough, Pennsylvania	0.0345143179%
PA317	Whitehall Township, Pennsylvania	0.0285992130%
PA318	Whitemarsh Township, Pennsylvania	0.0515602670%
PA319	Whitpain Township, Pennsylvania	0.0588375045%
PA320	Wilkes Barre Township, Pennsylvania	0.0216681047%
PA321	Wilkes-Barre City, Pennsylvania	0.2963130567%
PA322	Wilkinsburg Borough, Pennsylvania	0.0580112712%
PA323	Williamsport City, Pennsylvania	0.1628334320%
PA324	Willistown Township, Pennsylvania	0.0206130941%
PA325	Windsor Township, York County, Pennsylvania	0.0141282538%
PA326	Worcester Township, Pennsylvania	0.0043645008%
PA327	Wright Township, Pennsylvania	0.0100206522%
PA328	Wyoming Borough, Pennsylvania	0.0071087891%
PA329	Wyoming County, Pennsylvania	0.2273372411%
PA330	Wyomissing Borough, Pennsylvania	0.0154207072%
PA331	Yeadon Borough, Pennsylvania	0.0246066966%
PA332	York City, Pennsylvania	0.1394378689%
PA333	York County, Pennsylvania	2.2119383354%
PA334	York Township, Pennsylvania	0.0334726482%

PR1	Adjuntas, Puerto Rico	0.4468461493%
PR2	Aguada, Puerto Rico	0.9238661758%
PR3	Aguadilla, Puerto Rico	1.6156167759%
PR4	Aguas Buenas, Puerto Rico	0.7490858028%
PR5	Aibonito, Puerto Rico	0.7959428477%
PR6	Anasco, Puerto Rico	0.5050154853%
PR7	Arecibo, Puerto Rico	1.3074850692%
PR8	Arroyo, Puerto Rico	2.0592191012%
PR9	Barceloneta, Puerto Rico	0.5768569406%
PR10	Barranquitas, Puerto Rico	0.7167107056%
PR11	Bayamon, Puerto Rico	5.7282390971%
PR12	Cabo Rojo, Puerto Rico	1.1570847420%
PR13	Caguas, Puerto Rico	4.7119895861%
PR14	Camuy, Puerto Rico	0.7759381807%
PR15	Canovanas, Puerto Rico	1.0721780377%
PR16	Carolina, Puerto Rico	4.3228006165%
PR17	Catano, Puerto Rico	0.7612066695%
PR18	Cayey, Puerto Rico	1.3596493469%
PR19	Ceiba, Puerto Rico	0.2896687707%
PR20	Ciales, Puerto Rico	0.4533215195%
PR21	Cidra, Puerto Rico	1.1671492158%
PR22	Coamo, Puerto Rico	0.9970822347%
PR23	Comerio, Puerto Rico	0.5268640655%
PR24	Corozal, Puerto Rico	0.8595048594%
PR25	Culebra, Puerto Rico	0.0380175870%
PR26	Dorado, Puerto Rico	0.8970759382%
PR27	Fajardo, Puerto Rico	1.1102770585%
PR28	Florida, Puerto Rico	0.2695408253%
PR29	Guanica, Puerto Rico	0.4269617539%
PR30	Guayama, Puerto Rico	1.3293151076%
PR31	Guayanilla, Puerto Rico	0.4886780984%
PR32	Guaynabo, Puerto Rico	2.3185934725%
PR33	Gurabo, Puerto Rico	0.9866291335%
PR34	Hatillo, Puerto Rico	1.0577790273%
PR35	Hormigueros, Puerto Rico	0.3963005262%
PR36	Humacao, Puerto Rico	1.8829438530%
PR37	Isabela, Puerto Rico	1.0062900243%
PR38	Jayuya, Puerto Rico	0.3757431113%
PR39	Juana Diaz, Puerto Rico	1.7179648597%
PR40	Juncos, Puerto Rico	0.9543672919%
PR41	Lajas, Puerto Rico	0.5633742491%
PR42	Lares, Puerto Rico	0.6852103333%
PR43	Las Marias, Puerto Rico	0.2285582941%
PR44	Las Piedras, Puerto Rico	0.8440153869%
PR45	Loiza, Puerto Rico	0.7971240145%
PR46	Luquillo, Puerto Rico	0.5035020683%
PR47	Manati, Puerto Rico	1.3858134207%
PR48	Maricao, Puerto Rico	0.1311593846%
PR49	Maunabo, Puerto Rico	0.2983734242%

PR50	Mayaguez, Puerto Rico	2.7384221211%
PR51	Moca, Puerto Rico	0.9400143856%
PR52	Morovis, Puerto Rico	0.7678286207%
PR53	Naguabo, Puerto Rico	0.6776685553%
PR54	Naranjito, Puerto Rico	0.6713715879%
PR55	Orocovis, Puerto Rico	0.5209419444%
PR56	Patillas, Puerto Rico	0.4307397840%
PR57	Penuelas, Puerto Rico	0.5782731381%
PR58	Ponce, Puerto Rico	5.1762853836%
PR59	Quebradillas, Puerto Rico	0.6086201563%
PR60	Rincon, Puerto Rico	0.3607312171%
PR61	Rio Grande, Puerto Rico	1.2995118170%
PR62	Sabana Grande, Puerto Rico	0.5625075422%
PR63	Salinas, Puerto Rico	0.8069301551%
PR64	San German, Puerto Rico	0.9914753253%
PR65	San Juan, Puerto Rico	13.8003700360%
PR66	San Lorenzo, Puerto Rico	1.0322446251%
PR67	San Sebastian, Puerto Rico	0.9222442638%
PR68	Santa Isabel, Puerto Rico	0.5210354055%
PR69	Toa Alta, Puerto Rico	1.7552873773%
PR70	Toa Baja, Puerto Rico	2.1783919223%
PR71	Trujillo Alto, Puerto Rico	1.9136501824%
PR72	Utuado, Puerto Rico	0.7718304061%
PR73	Vega Alta, Puerto Rico	0.9338331796%
PR74	Vega Baja, Puerto Rico	1.6886509241%
PR75	Vieques, Puerto Rico	0.1979351524%
PR76	Villalba, Puerto Rico	0.5576736281%
PR77	Yabucoa, Puerto Rico	0.8842993409%
PR78	Yauco, Puerto Rico	1.1383015829%

RI1	Barrington Town, Rhode Island	2.3000539202%
RI2	Bristol Town, Rhode Island	1.0821868960%
RI3	Burrillville Town, Rhode Island	1.3272036109%
RI4	Central Falls City, Rhode Island	0.9147584689%
RI5	Charlestown, Rhode Island	0.5887860100%
RI6	Coventry Town, Rhode Island	3.5886939036%
RI7	Cranston City, Rhode Island	7.8869595262%
RI8	Cumberland Town, Rhode Island	2.4742003754%
RI9	East Greenwich Town, Rhode Island	1.7467671439%
RI10	East Providence City, Rhode Island	4.3247728580%
RI11	Exeter Town, Rhode Island	0.0071810640%
RI12	Foster Town, Rhode Island	0.2489021533%
RI13	Glocester Town, Rhode Island	0.8508469130%
RI14	Hopkinton Town, Rhode Island	0.7098006614%
RI15	Jamestown, Rhode Island	0.4220295287%
RI16	Johnston Town, Rhode Island	3.0898685140%
RI17	Lincoln Town, Rhode Island	2.1171973520%
RI18	Little Compton Town, Rhode Island	0.2663017745%
RI19	Middletown, Rhode Island	1.2877439601%
RI20	Narragansett Town, Rhode Island	1.2760123800%
RI21	New Shoreham Town, Rhode Island	0.2118269375%
RI22	Newport City, Rhode Island	2.3339316695%
RI23	North Kingstown, Rhode Island	2.6500524514%
RI24	North Providence Town, Rhode Island	2.5306229398%
RI25	North Smithfield Town, Rhode Island	1.1299013506%
RI26	Pawtucket City, Rhode Island	5.9652217345%
RI27	Portsmouth Town, Rhode Island	1.2807429020%
RI28	Providence City, Rhode Island	21.4858080262%
RI29	Richmond Town, Rhode Island	0.0818789542%
RI30	Scituate Town, Rhode Island	1.0248588645%
RI31	Smithfield Town, Rhode Island	1.7724673574%
RI32	South Kingstown, Rhode Island	2.3282747894%
RI33	Tiverton Town, Rhode Island	0.9907730639%
RI34	Warren Town, Rhode Island	0.1394116029%
RI35	Warwick City, Rhode Island	9.9418184427%
RI36	West Greenwich Town, Rhode Island	0.7104734659%
RI37	West Warwick Town, Rhode Island	3.0239943495%
RI38	Westerly Town, Rhode Island	2.0135754535%
RI39	Woonsocket City, Rhode Island	3.8740986306%

SC1	Abbeville County, South Carolina	0.3350059823%
SC2	Aiken City, South Carolina	0.7838026892%
SC3	Aiken County, South Carolina	2.5661670597%
SC4	Allendale County, South Carolina	0.1220441823%
SC5	Anderson City, South Carolina	1.1735303052%
SC6	Anderson County, South Carolina	3.3392231904%
SC7	Bamberg County, South Carolina	0.2705913372%
SC8	Barnwell County, South Carolina	0.4653224769%
SC9	Beaufort City, South Carolina	0.0769982478%
SC10	Beaufort County, South Carolina	2.3364418352%
SC11	Berkeley County, South Carolina	2.0961440294%
SC12	Bluffton Town, South Carolina	0.0481968917%
SC13	Calhoun County, South Carolina	0.1833260393%
SC14	Cayce City, South Carolina	0.2572136960%
SC15	Charleston City, South Carolina	2.3004340552%
SC16	Charleston County, South Carolina	3.8016438488%
SC17	Cherokee County, South Carolina	0.9440700745%
SC18	Chester City, South Carolina	0.1299573133%
SC19	Chester County, South Carolina	0.3947965211%
SC20	Chesterfield County, South Carolina	0.9443488664%
SC21	Clarendon County, South Carolina	0.5705383575%
SC22	Clemson City, South Carolina	0.3311616877%
SC23	Colleton County, South Carolina	0.8589365535%
SC24	Columbia City, South Carolina	2.3918060702%
SC25	Conway City, South Carolina	0.2894739402%
SC26	Darlington County, South Carolina	1.6906462867%
SC27	Dillon County, South Carolina	0.6608411417%
SC28	Dorchester County, South Carolina	1.6015765975%
SC29	Easley City, South Carolina	0.8565835771%
SC30	Edgefield County, South Carolina	0.3586097074%
SC31	Fairfield County, South Carolina	0.3536421891%
SC32	Florence City, South Carolina	1.0065336904%
SC33	Florence County, South Carolina	2.2059006272%
SC34	Forest Acres City, South Carolina	0.0995929056%
SC35	Fort Mill Town, South Carolina	0.1714974802%
SC36	Fountain Inn City, South Carolina	0.1975697094%
SC37	Gaffney City, South Carolina	0.2044353782%
SC38	Georgetown City, South Carolina	0.2626233562%
SC39	Georgetown County, South Carolina	1.1895098900%
SC40	Goose Creek City, South Carolina	0.5473575768%
SC41	Greenville City, South Carolina	2.2705648395%
SC42	Greenville County, South Carolina	7.1502328364%
SC43	Greenwood City, South Carolina	0.0308220618%
SC44	Greenwood County, South Carolina	1.3388944490%
SC45	Greer City, South Carolina	0.5590564672%
SC46	Hampton County, South Carolina	0.3450376919%
SC47	Hanahan City, South Carolina	0.2279684840%
SC48	Hilton Head Island Town, South Carolina	0.2323878458%

SC49	Horry County, South Carolina	5.2166718879%
SC50	Irmo Town, South Carolina	0.0942740906%
SC51	James Island Town, South Carolina	0.0461551887%
SC52	Jasper County, South Carolina	0.4278548317%
SC53	Kershaw County, South Carolina	1.0780892823%
SC54	Lancaster County, South Carolina	1.4809282603%
SC55	Laurens County, South Carolina	1.3598442946%
SC56	Lee County, South Carolina	0.2176621820%
SC57	Lexington County, South Carolina	4.4881391605%
SC58	Lexington Town, South Carolina	0.2342104062%
SC59	Marion County, South Carolina	0.6973242307%
SC60	Marlboro County, South Carolina	0.4878238042%
SC61	Mauldin City, South Carolina	0.4253253929%
SC62	McCormick County, South Carolina	0.1281623493%
SC63	Moncks Corner Town, South Carolina	0.1965426445%
SC64	Mount Pleasant Town, South Carolina	0.5750801889%
SC65	Myrtle Beach City, South Carolina	1.9068234068%
SC66	Newberry City, South Carolina	0.0344864657%
SC67	Newberry County, South Carolina	0.5656551710%
SC68	North Augusta City, South Carolina	0.5139678525%
SC69	North Charleston City, South Carolina	1.7751090959%
SC70	North Myrtle Beach City, South Carolina	0.6366313248%
SC71	Oconee County, South Carolina	2.8099515214%
SC72	Orangeburg City, South Carolina	0.0468940344%
SC73	Orangeburg County, South Carolina	1.4543982912%
SC74	Pickens County, South Carolina	2.8143347165%
SC75	Port Royal Town, South Carolina	0.0206098617%
SC76	Richland County, South Carolina	3.8816723839%
SC77	Rock Hill City, South Carolina	1.3120073555%
SC78	Saluda County, South Carolina	0.2604801809%
SC79	Simpsonville City, South Carolina	0.3497064495%
SC80	Spartanburg City, South Carolina	1.1890308958%
SC81	Spartanburg County, South Carolina	6.4084293395%
SC82	Summerville Town, South Carolina	0.6446011912%
SC83	Sumter City, South Carolina	0.5390642671%
SC84	Sumter County, South Carolina	0.9480995733%
SC85	Tega Cay City, South Carolina	0.0433365022%
SC86	Union County, South Carolina	0.6499524020%
SC87	West Columbia City, South Carolina	0.3943858322%
SC88	Williamsburg County, South Carolina	0.4931357629%
SC89	York County, South Carolina	2.5800878865%

SD1	Aberdeen City, South Dakota	1.7806789284%
SD2	Aurora County, South Dakota	0.1283252150%
SD3	Beadle County, South Dakota	0.8743032704%
SD4	Bennett County, South Dakota	0.1895703332%
SD5	Bon Homme County, South Dakota	0.6047162426%
SD6	Box Elder City, South Dakota	0.2251076107%
SD7	Brandon City, South Dakota	0.4012895918%
SD8	Brookings City, South Dakota	2.4259611863%
SD9	Brookings County, South Dakota	0.2802421588%
SD10	Brown County, South Dakota	1.7764564315%
SD11	Brule County, South Dakota	0.8045710091%
SD12	Buffalo County, South Dakota	0.1823519926%
SD13	Butte County, South Dakota	0.8926544344%
SD14	Campbell County, South Dakota	0.0682419048%
SD15	Charles Mix County, South Dakota	0.8084433424%
SD16	Clark County, South Dakota	0.2550260601%
SD17	Clay County, South Dakota	0.4415194932%
SD18	Codington County, South Dakota	0.8721266365%
SD19	Corson County, South Dakota	0.3429322421%
SD20	Custer County, South Dakota	1.0868471426%
SD21	Davison County, South Dakota	0.6815458005%
SD22	Day County, South Dakota	0.3921680475%
SD23	Deuel County, South Dakota	0.4035008098%
SD24	Dewey County, South Dakota	0.3699996685%
SD25	Douglas County, South Dakota	0.2891518759%
SD26	Edmunds County, South Dakota	0.2529348056%
SD27	Fall River County, South Dakota	2.1968904590%
SD28	Faulk County, South Dakota	0.2772473959%
SD29	Grant County, South Dakota	0.6923230564%
SD30	Gregory County, South Dakota	0.5555128599%
SD31	Haakon County, South Dakota	0.1774497029%
SD32	Hamlin County, South Dakota	0.3340117176%
SD33	Hand County, South Dakota	0.2401311401%
SD34	Hanson County, South Dakota	0.1484271966%
SD35	Harding County, South Dakota	0.0620805393%
SD36	Hughes County, South Dakota	0.8137066032%
SD37	Huron City, South Dakota	0.8308959590%
SD38	Hutchinson County, South Dakota	0.5659237410%
SD39	Hyde County, South Dakota	0.0640529112%
SD40	Jackson County, South Dakota	0.1437421380%
SD41	Jerauld County, South Dakota	0.3258250234%
SD42	Jones County, South Dakota	0.0451732597%
SD43	Kingsbury County, South Dakota	0.3721763025%
SD44	Lake County, South Dakota	0.8273932428%
SD45	Lawrence County, South Dakota	2.3838237581%
SD46	Lincoln County, South Dakota	1.2611723923%
SD47	Lyman County, South Dakota	0.3239942300%
SD48	Marshall County, South Dakota	0.5625107271%
SD49	McCook County, South Dakota	0.3047773840%

SD50	McPherson County, South Dakota	0.1613184030%
SD51	Meade County, South Dakota	3.2698326502%
SD52	Mellette County, South Dakota	0.1848247525%
SD53	Miner County, South Dakota	0.1616739703%
SD54	Minnehaha County, South Dakota	12.2243522517%
SD55	Mitchell City, South Dakota	1.5031732329%
SD56	Moody County, South Dakota	0.4743937985%
SD57	Oglala Lakota County, South Dakota	1.3919692864%
SD58	Pennington County, South Dakota	8.0611767283%
SD59	Perkins County, South Dakota	0.3755374403%
SD60	Pierre City, South Dakota	0.6216678331%
SD61	Potter County, South Dakota	0.1893444561%
SD62	Rapid City, South Dakota	6.9492723574%
SD63	Roberts County, South Dakota	0.9943780269%
SD64	Sanborn County, South Dakota	0.1141857404%
SD65	Sioux Falls City, South Dakota	21.6732660428%
SD66	Spearfish City, South Dakota	0.8208633410%
SD67	Spink County, South Dakota	0.7324773052%
SD68	Stanley County, South Dakota	0.1733882380%
SD69	Sully County, South Dakota	0.0632218131%
SD70	Todd County, South Dakota	1.0677859248%
SD71	Tripp County, South Dakota	0.6252580903%
SD72	Turner County, South Dakota	0.6536969906%
SD73	Union County, South Dakota	1.4531041680%
SD74	Vermillion City, South Dakota	0.5912781760%
SD75	Walworth County, South Dakota	0.5615110318%
SD76	Watertown City, South Dakota	1.6132964277%
SD77	Yankton City, South Dakota	1.2219897393%
SD78	Yankton County, South Dakota	1.4233435084%
SD79	Ziebach County, South Dakota	0.3085103004%

TN1	Alexandria Town, Tennessee	0.0027913085%
TN2	Algood City, Tennessee	0.0032741136%
TN3	Anderson County, Tennessee	1.0489907838%
TN4	Ardmore City, Tennessee	0.0026765324%
TN5	Arlington Town, Tennessee	0.0036566309%
TN6	Athens City, Tennessee	0.2360706677%
TN7	Auburntown, Tennessee	0.0001983981%
TN8	Bartlett City, Tennessee	0.0730561566%
TN9	Baxter Town, Tennessee	0.0004972097%
TN10	Bedford County, Tennessee	0.5272814034%
TN11	Bell Buckle Town, Tennessee	0.0002627582%
TN12	Benton County, Tennessee	0.5216608068%
TN13	Bledsoe County, Tennessee	0.1398580820%
TN14	Blount County, Tennessee	1.9196465581%
TN15	Bradley County, Tennessee	1.0430217552%
TN16	Brentwood City, Tennessee	0.0478208600%
TN17	Bristol City, Tennessee	0.5426871150%
TN18	Byrdstown, Tennessee	0.0011427364%
TN19	Campbell County, Tennessee	1.5974370559%
TN20	Cannon County, Tennessee	0.3116778190%
TN21	Carroll County, Tennessee	0.4438060785%
TN22	Carter County, Tennessee	0.5782580416%
TN23	Centertown, Tennessee	0.0001321538%
TN24	Centerville Town, Tennessee	0.0116202349%
TN25	Chapel Hill Town, Tennessee	0.0043601529%
TN26	Chattanooga City, Tennessee	0.4981237028%
TN27	Cheatham County, Tennessee	0.8209998781%
TN28	Chester County, Tennessee	0.1751399118%
TN29	Claiborne County, Tennessee	1.1929412357%
TN30	Clarksville City, Tennessee	0.2296815192%
TN31	Clay County, Tennessee	0.3261509170%
TN32	Cleveland City, Tennessee	0.5531282252%
TN33	Clifton City, Tennessee	0.0022427615%
TN34	Clinton City, Tennessee	0.1573341188%
TN35	Cocke County, Tennessee	0.8746257470%
TN36	Coffee County, Tennessee	0.4346569849%
TN37	Collegedale City, Tennessee	0.0080390188%
TN38	Collierville Town, Tennessee	0.0617375387%
TN39	Collinwood City, Tennessee	0.0021594326%
TN40	Columbia City, Tennessee	0.0390894158%
TN41	Cookeville City, Tennessee	0.8404101920%
TN42	Cornersville Town, Tennessee	0.0025527953%
TN43	Crab Orchard City, Tennessee	0.0000241612%
TN44	Crockett County, Tennessee	0.1232062476%
TN45	Crossville City, Tennessee	0.0619543195%
TN46	Cumberland County, Tennessee	0.8164884351%
TN47	Dandridge Town, Tennessee	0.0109089663%
TN48	De Kalb County, Tennessee	0.4242612240%
TN49	Decatur County, Tennessee	0.3607195939%

TN50	Decatur Town, Tennessee	0.0050599481%
TN51	Dickson City, Tennessee	0.0699263820%
TN52	Dickson County, Tennessee	0.7642083488%
TN53	Dowelltown, Tennessee	0.0007434696%
TN54	Doyle Town, Tennessee	0.0001218109%
TN55	Dyer County, Tennessee	0.2010581703%
TN56	Dyersburg City, Tennessee	0.2008506856%
TN57	Eagleville City, Tennessee	0.0010231029%
TN58	East Ridge City, Tennessee	0.0217959070%
TN59	Elizabethton City, Tennessee	0.2653016475%
TN60	Elkton City, Tennessee	0.0004852756%
TN61	Ethridge Town, Tennessee	0.0005864009%
TN62	Farragut Town, Tennessee	0.0167667362%
TN63	Fayette County, Tennessee	0.3157083831%
TN64	Fayetteville City, Tennessee	0.0647238955%
TN65	Fentress County, Tennessee	0.5526714656%
TN66	Franklin City, Tennessee	0.1089989646%
TN67	Franklin County, Tennessee	0.6079344750%
TN68	Gallatin City, Tennessee	0.0760079674%
TN69	Gatlinburg City, Tennessee	0.0507819668%
TN70	Germantown City, Tennessee	0.0687501047%
TN71	Gibson County, Tennessee	0.4940695219%
TN72	Giles County, Tennessee	0.4000334952%
TN73	Goodlettsville City, Tennessee	0.0334336034%
TN74	Grainger County, Tennessee	0.4671260668%
TN75	Greene County, Tennessee	0.8232264763%
TN76	Greeneville Town, Tennessee	0.3895702338%
TN77	Grundy County, Tennessee	0.3896858892%
TN78	Hamblen County, Tennessee	2.2614488604%
TN79	Hamilton County, Tennessee	4.1540192234%
TN80	Hancock County, Tennessee	0.2089065376%
TN81	Hardeman County, Tennessee	0.2150658408%
TN82	Hardin County, Tennessee	0.5683946644%
TN83	Hartsville/Trousdale County, Tennessee	0.1139641522%
TN84	Hawkins County, Tennessee	1.0968095083%
TN85	Haywood County, Tennessee	0.1104263592%
TN86	Henderson County, Tennessee	0.2498867656%
TN87	Hendersonville City, Tennessee	0.1137407554%
TN88	Henry County, Tennessee	0.6444385596%
TN89	Hickman County, Tennessee	0.2687886895%
TN90	Houston County, Tennessee	0.1198735525%
TN91	Humphreys County, Tennessee	0.2441608982%
TN92	Jackson City, Tennessee	0.0431370644%
TN93	Jackson County, Tennessee	0.2780985367%
TN94	Jefferson County, Tennessee	0.8912247367%
TN95	Johnson City, Tennessee	1.0682855260%
TN96	Johnson County, Tennessee	0.2282065978%
TN97	Kingsport City, Tennessee	0.9871149359%
TN98	Knox County, Tennessee	9.1641554650%

TN99	Knoxville City, Tennessee	1.5417816888%
TN100	La Vergne City, Tennessee	0.0518950147%
TN101	Lake County, Tennessee	0.0671464632%
TN102	Lakeland City, Tennessee	0.0000095891%
TN103	Lauderdale County, Tennessee	0.2733775153%
TN104	Lawrence County, Tennessee	0.6473535215%
TN105	Lawrenceburg City, Tennessee	0.0465511203%
TN106	Lebanon City, Tennessee	0.1110258247%
TN107	Lewis County, Tennessee	0.1528225920%
TN108	Lewisburg City, Tennessee	0.0396496875%
TN109	Lexington City, Tennessee	0.0796867496%
TN110	Liberty Town, Tennessee	0.0003647628%
TN111	Lincoln County, Tennessee	0.3409251715%
TN112	Livingston Town, Tennessee	0.0198677435%
TN113	Loretto City, Tennessee	0.0047940075%
TN114	Loudon County, Tennessee	0.8992460428%
TN115	Lynchburg, Moore County Metropolitan Government, Tennessee	0.0579106070%
TN116	Lynnville Town, Tennessee	0.0003845691%
TN117	Macon County, Tennessee	0.3091017000%
TN118	Madison County, Tennessee	0.8907256845%
TN119	Manchester City, Tennessee	0.1612528379%
TN120	Marion County, Tennessee	0.3637161259%
TN121	Marshall County, Tennessee	0.4953711694%
TN122	Martin City, Tennessee	0.0101175931%
TN123	Maryville City, Tennessee	0.3223901040%
TN124	Maury County, Tennessee	1.0724162522%
TN125	McMinn County, Tennessee	0.6936567070%
TN126	McMinnville City, Tennessee	0.0355475192%
TN127	McNairy County, Tennessee	0.4269884656%
TN128	Meigs County, Tennessee	0.2016450737%
TN129	Memphis City, Tennessee	4.9079216307%
TN130	Millington City, Tennessee	0.0212200583%
TN131	Minor Hill City, Tennessee	0.0008698448%
TN132	Monroe County, Tennessee	0.7506735593%
TN133	Monterey Town, Tennessee	0.0029942290%
TN134	Montgomery County, Tennessee	1.6758545682%
TN135	Morgan County, Tennessee	0.5132562715%
TN136	Morrison Town, Tennessee	0.0004337290%
TN137	Morristown City, Tennessee	0.3919462797%
TN138	Mount Juliet City, Tennessee	0.0577622481%
TN139	Mount Pleasant City, Tennessee	0.0048377656%
TN140	Murfreesboro City, Tennessee	0.7283549414%
TN141	Nashville-Davidson Metropolitan Government, Tennessee	8.9605710893%
TN142	Nolensville Town, Tennessee	0.0026055144%
TN143	Normandy Town, Tennessee	0.0000797277%
TN144	Oak Ridge City, Tennessee	0.9598050011%
TN145	Obion County, Tennessee	0.2204168957%

TN146	Overton County, Tennessee	0.5262993368%
TN147	Paris City, Tennessee	0.0217300395%
TN148	Perry County, Tennessee	0.0857864664%
TN149	Petersburg Town, Tennessee	0.0005822973%
TN150	Pickett County, Tennessee	0.1459705284%
TN151	Pigeon Forge City, Tennessee	0.0877322588%
TN152	Pleasant Hill Town, Tennessee	0.0000178801%
TN153	Polk County, Tennessee	0.3220131560%
TN154	Portland City, Tennessee	0.0203045711%
TN155	Pulaski City, Tennessee	0.0561230557%
TN156	Putnam County, Tennessee	0.3863240500%
TN157	Red Bank City, Tennessee	0.0106755617%
TN158	Rhea County, Tennessee	0.5404420504%
TN159	Ripley City, Tennessee	0.0190759934%
TN160	Roane County, Tennessee	1.6361535854%
TN161	Robertson County, Tennessee	0.8676284650%
TN162	Rutherford County, Tennessee	2.5746747125%
TN163	Scott County, Tennessee	0.5189341096%
TN164	Sequatchie County, Tennessee	0.2433974548%
TN165	Sevier County, Tennessee	1.3567168872%
TN166	Sevierville City, Tennessee	0.0845613223%
TN167	Shelby County, Tennessee	3.5255393191%
TN168	Shelbyville City, Tennessee	0.0482670674%
TN169	Smith County, Tennessee	0.5711842980%
TN170	Smithville City, Tennessee	0.0196818237%
TN171	Smyrna Town, Tennessee	0.1314691656%
TN172	Soddy-Daisy City, Tennessee	0.0110233237%
TN173	Sparta City, Tennessee	0.0168519913%
TN174	Spencer Town, Tennessee	0.0007743306%
TN175	Spring Hill City, Tennessee	0.0244598773%
TN176	Springfield City, Tennessee	0.0550041036%
TN177	Stewart County, Tennessee	0.1459273147%
TN178	Sullivan County, Tennessee	1.4573397906%
TN179	Sumner County, Tennessee	1.7022113712%
TN180	Tipton County, Tennessee	0.6312749815%
TN181	Tullahoma City, Tennessee	0.3238479828%
TN182	Unicoi County, Tennessee	0.3464527663%
TN183	Union City, Tennessee	0.0993864534%
TN184	Union County, Tennessee	0.5606745148%
TN185	Van Buren County, Tennessee	0.0471429229%
TN186	Viola Town, Tennessee	0.0000607170%
TN187	Warren County, Tennessee	0.5357371504%
TN188	Wartrace Town, Tennessee	0.0003753988%
TN189	Washington County, Tennessee	1.1061046159%
TN190	Wayne County, Tennessee	0.2247756248%
TN191	Waynesboro City, Tennessee	0.0036939405%
TN192	Weakley County, Tennessee	0.3773601643%

TN193	White County, Tennessee	0.3992656969%
TN194	White House City, Tennessee	0.0200834355%
TN195	Williamson County, Tennessee	1.6817249840%
TN196	Wilson County, Tennessee	1.4019072760%
TN197	Woodbury Town, Tennessee	0.0086691778%

TX1	Abbott City, Texas	0.0004586670%
TX2	Abernathy City, Texas	0.0000733330%
TX3	Abilene City, Texas	0.3758786670%
TX4	Ackerly City, Texas	0.0000140000%
TX5	Addison Town, Texas	0.0387293330%
TX6	Adrian City, Texas	0.0001206670%
TX7	Agua Dulce City, Texas	0.0000286670%
TX8	Alamo City, Texas	0.0147473330%
TX9	Alamo Heights City, Texas	0.0187986670%
TX10	Alba Town, Texas	0.0021306670%
TX11	Albany City, Texas	0.0001200000%
TX12	Aledo City, Texas	0.0002206670%
TX13	Alice City, Texas	0.0475273330%
TX14	Allen City, Texas	0.2100540000%
TX15	Alma Town, Texas	0.0007380000%
TX16	Alpine City, Texas	0.0197906670%
TX17	Alto Town, Texas	0.0025113330%
TX18	Alton City, Texas	0.0076933330%
TX19	Alvarado City, Texas	0.0193526670%
TX20	Alvin City, Texas	0.0759746670%
TX21	Alvord Town, Texas	0.0002386670%
TX22	Amarillo City, Texas	0.6584406670%
TX23	Ames City, Texas	0.0037140000%
TX24	Amherst City, Texas	0.0000146670%
TX25	Anahuac City, Texas	0.0003613330%
TX26	Anderson City, Texas	0.0000126670%
TX27	Anderson County, Texas	0.1791753330%
TX28	Andrews City, Texas	0.0126553330%
TX29	Andrews County, Texas	0.0250706670%
TX30	Angelina County, Texas	0.1533040000%
TX31	Angleton City, Texas	0.0418606670%
TX32	Angus City, Texas	0.0002206670%
TX33	Anna City, Texas	0.0060500000%
TX34	Annetta North Town, Texas	0.0000226670%
TX35	Annetta South Town, Texas	0.0004013330%
TX36	Annetta Town, Texas	0.0039706670%
TX37	Annona Town, Texas	0.0004920000%
TX38	Anson City, Texas	0.0034226670%
TX39	Anthony Town, Texas	0.0030093330%
TX40	Anton City, Texas	0.0002960000%
TX41	Appleby City, Texas	0.0010340000%
TX42	Aquilla City, Texas	0.0001386670%
TX43	Aransas County, Texas	0.1776746670%
TX44	Aransas Pass City, Texas	0.0385420000%
TX45	Archer City, Texas	0.0070360000%
TX46	Archer County, Texas	0.0303560000%
TX47	Arcola City, Texas	0.0048600000%
TX48	Argyle City, Texas	0.0076040000%
TX49	Arlington City, Texas	0.4905353330%

TX50	Armstrong County, Texas	0.0006493330%
TX51	Arp City, Texas	0.0013393330%
TX52	Asherton City, Texas	0.0000746670%
TX53	Aspermont Town, Texas	0.0000060000%
TX54	Atascosa County, Texas	0.1179353330%
TX55	Athens City, Texas	0.0706280000%
TX56	Atlanta City, Texas	0.0206633330%
TX57	Aubrey City, Texas	0.0100940000%
TX58	Aurora City, Texas	0.0012326670%
TX59	Austin City, Texas	3.2518106670%
TX60	Austin County, Texas	0.0506866670%
TX61	Austwell City, Texas	0.0000726670%
TX62	Avery Town, Texas	0.0000920000%
TX63	Avinger Town, Texas	0.0007433330%
TX64	Azle City, Texas	0.0214753330%
TX65	Bailey City, Texas	0.0006333330%
TX66	Bailey County, Texas	0.0102513330%
TX67	Bailey's Prairie Village, Texas	0.0037360000%
TX68	Baird City, Texas	0.0018680000%
TX69	Balch Springs City, Texas	0.0182386670%
TX70	Balcones Heights City, Texas	0.0158740000%
TX71	Ballinger City, Texas	0.0061146670%
TX72	Balmorhea City, Texas	0.0000420000%
TX73	Bandera City, Texas	0.0019286670%
TX74	Bandera County, Texas	0.0578766670%
TX75	Bangs City, Texas	0.0020333330%
TX76	Bardwell City, Texas	0.0002413330%
TX77	Barry City, Texas	0.0001333330%
TX78	Barstow City, Texas	0.0000406670%
TX79	Bartlett City, Texas	0.0022493330%
TX80	Bartonville Town, Texas	0.0059246670%
TX81	Bastrop City, Texas	0.0308800000%
TX82	Bastrop County, Texas	0.2293066670%
TX83	Bay City, Texas	0.0386080000%
TX84	Baylor County, Texas	0.0198880000%
TX85	Bayou Vista City, Texas	0.0041600000%
TX86	Bayside Town, Texas	0.0001613330%
TX87	Baytown City, Texas	0.1440440000%
TX88	Bayview Town, Texas	0.0000273330%
TX89	Beach City, Texas	0.0083366670%
TX90	Bear Creek Village, Texas	0.0006040000%
TX91	Beasley City, Texas	0.0000866670%
TX92	Beaumont City, Texas	0.4553400000%
TX93	Beckville City, Texas	0.0008313330%
TX94	Bedford City, Texas	0.0628760000%
TX95	Bedias City, Texas	0.0023166670%
TX96	Bee Cave City, Texas	0.0085753330%
TX97	Bee County, Texas	0.0652293330%
TX98	Beeville City, Texas	0.0160180000%

TX99	Bell County, Texas	0.4338320000%
TX100	Bellaire City, Texas	0.0275093330%
TX101	Bellevue City, Texas	0.0000373330%
TX102	Bellmead City, Texas	0.0096580000%
TX103	Bells Town, Texas	0.0012606670%
TX104	Bellville City, Texas	0.0049920000%
TX105	Belton City, Texas	0.0484533330%
TX106	Benavides City, Texas	0.0001013330%
TX107	Benbrook City, Texas	0.0292793330%
TX108	Benjamin City, Texas	0.0006340000%
TX109	Berryville Town, Texas	0.0095860000%
TX110	Bertram City, Texas	0.0001213330%
TX111	Beverly Hills City, Texas	0.0028906670%
TX112	Bevil Oaks City, Texas	0.0003660000%
TX113	Bexar County, Texas	4.6714346670%
TX114	Big Lake City, Texas	0.0003646670%
TX115	Big Sandy Town, Texas	0.0030526670%
TX116	Big Spring City, Texas	0.1266186670%
TX117	Big Wells City, Texas	0.0001573330%
TX118	Bishop City, Texas	0.0054753330%
TX119	Bishop Hills Town, Texas	0.0002153330%
TX120	Blackwell City, Texas	0.0000206670%
TX121	Blanco City, Texas	0.0041273330%
TX122	Blanco County, Texas	0.0328153330%
TX123	Blanket Town, Texas	0.0000980000%
TX124	Bloomburg Town, Texas	0.0006733330%
TX125	Blooming Grove Town, Texas	0.0002346670%
TX126	Blossom City, Texas	0.0001320000%
TX127	Blue Mound City, Texas	0.0019253330%
TX128	Blue Ridge City, Texas	0.0008966670%
TX129	Blum Town, Texas	0.0010813330%
TX130	Boerne City, Texas	0.0303840000%
TX131	Bogata City, Texas	0.0024326670%
TX132	Bonham City, Texas	0.0672726670%
TX133	Bonney Village, Texas	0.0016733330%
TX134	Booker Town, Texas	0.0006906670%
TX135	Borden County, Texas	0.0006666670%
TX136	Borger City, Texas	0.0464533330%
TX137	Bosque County, Texas	0.0473820000%
TX138	Bovina City, Texas	0.0001153330%
TX139	Bowie City, Texas	0.0557466670%
TX140	Bowie County, Texas	0.1554600000%
TX141	Boyd Town, Texas	0.0046353330%
TX142	Brackettville City, Texas	0.0000053330%
TX143	Brady City, Texas	0.0183200000%
TX144	Brazoria City, Texas	0.0076913330%
TX145	Brazoria County, Texas	0.6807266670%
TX146	Brazos Bend City, Texas	0.0003080000%
TX147	Brazos Country City, Texas	0.0006013330%

TX148	Brazos County, Texas	0.2280580000%
TX149	Breckenridge City, Texas	0.0159840000%
TX150	Bremond City, Texas	0.0037026670%
TX151	Brenham City, Texas	0.0365000000%
TX152	Brewster County, Texas	0.0400580000%
TX153	Briarcliff Village, Texas	0.0003813330%
TX154	Briaroaks City, Texas	0.0000380000%
TX155	Bridge City, Texas	0.0538373330%
TX156	Bridgeport City, Texas	0.0222006670%
TX157	Briscoe County, Texas	0.0006513330%
TX158	Broaddus Town, Texas	0.0000206670%
TX159	Bronte Town, Texas	0.0000660000%
TX160	Brooks County, Texas	0.0138066670%
TX161	Brookshire City, Texas	0.0042706670%
TX162	Brookside Village City, Texas	0.0007400000%
TX163	Brown County, Texas	0.1289446670%
TX164	Browndell City, Texas	0.0001013330%
TX165	Brownfield City, Texas	0.0096346670%
TX166	Brownsboro City, Texas	0.0021173330%
TX167	Brownsville City, Texas	0.2833713330%
TX168	Brownwood City, Texas	0.1110480000%
TX169	Bruceville-Eddy City, Texas	0.0011280000%
TX170	Bryan City, Texas	0.1645980000%
TX171	Bryson City, Texas	0.0008186670%
TX172	Buckholts Town, Texas	0.0007420000%
TX173	Buda City, Texas	0.0071893330%
TX174	Buffalo City, Texas	0.0079106670%
TX175	Buffalo Gap Town, Texas	0.0000586670%
TX176	Buffalo Springs Village, Texas	0.0001253330%
TX177	Bullard Town, Texas	0.0049913330%
TX178	Bulverde City, Texas	0.0096240000%
TX179	Bunker Hill Village City, Texas	0.0003146670%
TX180	Burkburnett City, Texas	0.0252293330%
TX181	Burke City, Texas	0.0007426670%
TX182	Burleson City, Texas	0.1011860000%
TX183	Burleson County, Texas	0.0468293330%
TX184	Burnet City, Texas	0.0222300000%
TX185	Burnet County, Texas	0.1265526670%
TX186	Burton City, Texas	0.0006246670%
TX187	Byers City, Texas	0.0000513330%
TX188	Bynum Town, Texas	0.0002533330%
TX189	Cactus City, Texas	0.0031860000%
TX190	Caddo Mills City, Texas	0.0000286670%
TX191	Caldwell City, Texas	0.0121633330%
TX192	Caldwell County, Texas	0.0576086670%
TX193	Calhoun County, Texas	0.0852840000%
TX194	Callahan County, Texas	0.0085960000%
TX195	Callisburg City, Texas	0.0000673330%
TX196	Calvert City, Texas	0.0005146670%

TX197	Cameron City, Texas	0.0073940000%
TX198	Cameron County, Texas	0.3580173330%
TX199	Camp County, Texas	0.0192340000%
TX200	Camp Wood City, Texas	0.0002813330%
TX201	Campbell City, Texas	0.0007440000%
TX202	Canadian City, Texas	0.0007266670%
TX203	Caney City Town, Texas	0.0013366670%
TX204	Canton City, Texas	0.0378226670%
TX205	Canyon City, Texas	0.0175006670%
TX206	Carbon Town, Texas	0.0004133330%
TX207	Carl's Corner Town, Texas	0.0000320000%
TX208	Carmine City, Texas	0.0002566670%
TX209	Carrizo Springs City, Texas	0.0011140000%
TX210	Carrollton City, Texas	0.2068366670%
TX211	Carson County, Texas	0.0196620000%
TX212	Carthage City, Texas	0.0126180000%
TX213	Cashion Community City, Texas	0.0002146670%
TX214	Cass County, Texas	0.0621033330%
TX215	Castle Hills City, Texas	0.0085200000%
TX216	Castro County, Texas	0.0029466670%
TX217	Castroville City, Texas	0.0030166670%
TX218	Cedar Hill City, Texas	0.0467513330%
TX219	Cedar Park City, Texas	0.1237113330%
TX220	Celeste City, Texas	0.0008533330%
TX221	Celina City, Texas	0.0121886670%
TX222	Center City, Texas	0.0392253330%
TX223	Centerville City, Texas	0.0002566670%
TX224	Chambers County, Texas	0.1021253330%
TX225	Chandler City, Texas	0.0115760000%
TX226	Channing City, Texas	0.0000013330%
TX227	Charlotte City, Texas	0.0028380000%
TX228	Cherokee County, Texas	0.1044080000%
TX229	Chester Town, Texas	0.0007826670%
TX230	Chico City, Texas	0.0019520000%
TX231	Childress City, Texas	0.0252773330%
TX232	Childress County, Texas	0.0337213330%
TX233	Chillicothe City, Texas	0.0001146670%
TX234	China City, Texas	0.0003480000%
TX235	China Grove Town, Texas	0.0003986670%
TX236	Chireno City, Texas	0.0010453330%
TX237	Christine Town, Texas	0.0002360000%
TX238	Cibolo City, Texas	0.0091266670%
TX239	Cisco City, Texas	0.0048120000%
TX240	Clarendon City, Texas	0.0000760000%
TX241	Clarksville City, Texas	0.0139273330%
TX242	Clarksville City, Texas	0.0000360000%
TX243	Claude City, Texas	0.0000173330%
TX244	Clay County, Texas	0.0480333330%
TX245	Clear Lake Shores City, Texas	0.0044546670%

TX246	Cleburne City, Texas	0.1521226670%
TX247	Cleveland City, Texas	0.0645980000%
TX248	Clifton City, Texas	0.0066260000%
TX249	Clint Town, Texas	0.0002500000%
TX250	Clute City, Texas	0.0342333330%
TX251	Clyde City, Texas	0.0115246670%
TX252	Coahoma Town, Texas	0.0015273330%
TX253	Cochran County, Texas	0.0022593330%
TX254	Cockrell Hill City, Texas	0.0003413330%
TX255	Coffee City Town, Texas	0.0007246670%
TX256	Coke County, Texas	0.0036813330%
TX257	Coldspring City, Texas	0.0002980000%
TX258	Coleman City, Texas	0.0036280000%
TX259	Coleman County, Texas	0.0027760000%
TX260	College Station City, Texas	0.1720980000%
TX261	Colleyville City, Texas	0.0306993330%
TX262	Collin County, Texas	0.8444806670%
TX263	Collingsworth County, Texas	0.0128226670%
TX264	Collinsville Town, Texas	0.0012206670%
TX265	Colmesneil City, Texas	0.0014740000%
TX266	Colorado City, Texas	0.0056033330%
TX267	Colorado County, Texas	0.0327226670%
TX268	Columbus City, Texas	0.0045780000%
TX269	Comal County, Texas	0.2640946670%
TX270	Comanche City, Texas	0.0110020000%
TX271	Comanche County, Texas	0.0339760000%
TX272	Combes Town, Texas	0.0011400000%
TX273	Combine City, Texas	0.0012613330%
TX274	Commerce City, Texas	0.0225793330%
TX275	Como Town, Texas	0.0002766670%
TX276	Concho County, Texas	0.0025726670%
TX277	Conroe City, Texas	0.3111140000%
TX278	Converse City, Texas	0.0184620000%
TX279	Cooke County, Texas	0.1336340000%
TX280	Cool City, Texas	0.0004873330%
TX281	Coolidge Town, Texas	0.0001620000%
TX282	Cooper City, Texas	0.0002413330%
TX283	Coppell City, Texas	0.0577286670%
TX284	Copper Canyon Town, Texas	0.0003260000%
TX285	Copperas Cove City, Texas	0.0889946670%
TX286	Corinth City, Texas	0.0501986670%
TX287	Corpus Christi City, Texas	1.2084713330%
TX288	Corral City Town, Texas	0.0000953330%
TX289	Corrigan Town, Texas	0.0142120000%
TX290	Corsicana City, Texas	0.0582066670%
TX291	Coryell County, Texas	0.0824393330%
TX292	Cottle County, Texas	0.0005833330%
TX293	Cottonwood City, Texas	0.0001926670%
TX294	Cottonwood Shores City, Texas	0.0008020000%

TX295	Cotulla City, Texas	0.0008340000%
TX296	Coupland City, Texas	0.0001773330%
TX297	Cove City, Texas	0.0002580000%
TX298	Covington City, Texas	0.0003460000%
TX299	Coyote Flats City, Texas	0.0009813330%
TX300	Crandall City, Texas	0.0080626670%
TX301	Crane City, Texas	0.0070660000%
TX302	Crane County, Texas	0.0174306670%
TX303	Cranfills Gap City, Texas	0.0000853330%
TX304	Crawford Town, Texas	0.0002553330%
TX305	Creedmoor City, Texas	0.0000106670%
TX306	Cresson City, Texas	0.0007240000%
TX307	Crockett City, Texas	0.0156020000%
TX308	Crockett County, Texas	0.0121400000%
TX309	Crosby County, Texas	0.0122586670%
TX310	Crosbyton City, Texas	0.0009986670%
TX311	Cross Plains Town, Texas	0.0032513330%
TX312	Cross Roads Town, Texas	0.0001626670%
TX313	Cross Timber Town, Texas	0.0003613330%
TX314	Crowell City, Texas	0.0042233330%
TX315	Crowley City, Texas	0.0148966670%
TX316	Crystal City, Texas	0.0129413330%
TX317	Cuero City, Texas	0.0164593330%
TX318	Culberson County, Texas	0.0005260000%
TX319	Cumby City, Texas	0.0035466670%
TX320	Cuney Town, Texas	0.0004040000%
TX321	Cushing City, Texas	0.0007466670%
TX322	Cut and Shoot City, Texas	0.0014273330%
TX323	Daingerfield City, Texas	0.0083173330%
TX324	Daisetta City, Texas	0.0035800000%
TX325	Dalhart City, Texas	0.0077393330%
TX326	Dallam County, Texas	0.0144573330%
TX327	Dallas City, Texas	1.9999346670%
TX328	Dallas County, Texas	5.6921940000%
TX329	Dalworthington Gardens City, Texas	0.0040400000%
TX330	Danbury City, Texas	0.0028206670%
TX331	Darrouzett Town, Texas	0.0000673330%
TX332	Dawson County, Texas	0.0312740000%
TX333	Dawson Town, Texas	0.0004000000%
TX334	Dayton City, Texas	0.0314146670%
TX335	Dayton Lakes City, Texas	0.0000253330%
TX336	De Kalb City, Texas	0.0006900000%
TX337	De Leon City, Texas	0.0054786670%
TX338	De Witt County, Texas	0.0459300000%
TX339	Deaf Smith County, Texas	0.0230213330%
TX340	Dean City, Texas	0.0000940000%
TX341	Decatur City, Texas	0.0377793330%
TX342	Decordova City, Texas	0.0091853330%
TX343	Deer Park City, Texas	0.0329253330%

TX344	Del Rio City, Texas	0.0393706670%
TX345	Dell City, Texas	0.0000100000%
TX346	Delta County, Texas	0.0203893330%
TX347	Denison City, Texas	0.1402840000%
TX348	Denton City, Texas	0.3055560000%
TX349	Denton County, Texas	0.7548653330%
TX350	Denver City Town, Texas	0.0014026670%
TX351	Deport City, Texas	0.0000280000%
TX352	Desoto City, Texas	0.0482666670%
TX353	Detroit Town, Texas	0.0006433330%
TX354	Devers City, Texas	0.0001273330%
TX355	Devine City, Texas	0.0029026670%
TX356	Diboll City, Texas	0.0170220000%
TX357	Dickens City, Texas	0.0000473330%
TX358	Dickens County, Texas	0.0012486670%
TX359	Dickinson City, Texas	0.0557886670%
TX360	Dilley City, Texas	0.0017553330%
TX361	Dimmit County, Texas	0.0221960000%
TX362	Dimmitt City, Texas	0.0006746670%
TX363	Dish Town, Texas	0.0000126670%
TX364	Dodd City Town, Texas	0.0008073330%
TX365	Dodson Town, Texas	0.0002980000%
TX366	Domino Town, Texas	0.0001306670%
TX367	Donley County, Texas	0.0149133330%
TX368	Donna City, Texas	0.0091986670%
TX369	Dorchester City, Texas	0.0001540000%
TX370	Double Oak Town, Texas	0.0031766670%
TX371	Douglassville Town, Texas	0.0003826670%
TX372	Dripping Springs City, Texas	0.0005406670%
TX373	Driscoll City, Texas	0.0000260000%
TX374	Dublin City, Texas	0.0096520000%
TX375	Dumas City, Texas	0.0174860000%
TX376	Duncanville City, Texas	0.0388853330%
TX377	Duval County, Texas	0.0327393330%
TX378	Eagle Lake City, Texas	0.0032546670%
TX379	Eagle Pass City, Texas	0.0373366670%
TX380	Early City, Texas	0.0098920000%
TX381	Earth City, Texas	0.0001613330%
TX382	East Bernard City, Texas	0.0037026670%
TX383	East Mountain City, Texas	0.0016626670%
TX384	East Tawakoni City, Texas	0.0018153330%
TX385	Eastland City, Texas	0.0105973330%
TX386	Eastland County, Texas	0.0348500000%
TX387	Easton City, Texas	0.0002193330%
TX388	Ector City, Texas	0.0007386670%
TX389	Ector County, Texas	0.3200000000%
TX390	Edcouch City, Texas	0.0027340000%
TX391	Eden City, Texas	0.0003313330%
TX392	Edgecliff Village Town, Texas	0.0014880000%

TX393	Edgewood Town, Texas	0.0087693330%
TX394	Edinburg City, Texas	0.0805893330%
TX395	Edmonson Town, Texas	0.0000906670%
TX396	Edna City, Texas	0.0121293330%
TX397	Edom City, Texas	0.0014326670%
TX398	Edwards County, Texas	0.0006500000%
TX399	El Campo City, Texas	0.0211333330%
TX400	El Cenizo City, Texas	0.0004140000%
TX401	El Lago City, Texas	0.0037360000%
TX402	El Paso City, Texas	0.8162473330%
TX403	El Paso County, Texas	1.7280806670%
TX404	Eldorado City, Texas	0.0000333330%
TX405	Electra City, Texas	0.0104773330%
TX406	Elgin City, Texas	0.0175226670%
TX407	Elkhart Town, Texas	0.0002006670%
TX408	Ellis County, Texas	0.2102480000%
TX409	Elmendorf City, Texas	0.0004973330%
TX410	Elsa City, Texas	0.0051466670%
TX411	Emhouse Town, Texas	0.0000553330%
TX412	Emory City, Texas	0.0025853330%
TX413	Enchanted Oaks Town, Texas	0.0008660000%
TX414	Encinal City, Texas	0.0010100000%
TX415	Ennis City, Texas	0.0545593330%
TX416	Erath County, Texas	0.0684106670%
TX417	Escobares City, Texas	0.0000266670%
TX418	Estelline Town, Texas	0.0006060000%
TX419	Euless City, Texas	0.0618826670%
TX420	Eureka City, Texas	0.0002226670%
TX421	Eustace City, Texas	0.0013926670%
TX422	Evant Town, Texas	0.0013786670%
TX423	Everman City, Texas	0.0051280000%
TX424	Fair Oaks Ranch City, Texas	0.0053846670%
TX425	Fairchilds Village, Texas	0.0000540000%
TX426	Fairfield City, Texas	0.0008300000%
TX427	Fairview Town, Texas	0.0214966670%
TX428	Falfurrias City, Texas	0.0014806670%
TX429	Falls City, Texas	0.0000273330%
TX430	Falls County, Texas	0.0230146670%
TX431	Fannin County, Texas	0.0877686670%
TX432	Farmers Branch City, Texas	0.0630213330%
TX433	Farmersville City, Texas	0.0070213330%
TX434	Farwell City, Texas	0.0002286670%
TX435	Fate City, Texas	0.0023153330%
TX436	Fayette County, Texas	0.0616266670%
TX437	Fayetteville City, Texas	0.0002606670%
TX438	Ferris City, Texas	0.0092486670%
TX439	Fisher County, Texas	0.0036786670%
TX440	Flatonia Town, Texas	0.0037740000%
TX441	Florence City, Texas	0.0026326670%

TX442	Floresville City, Texas	0.0144660000%
TX443	Flower Mound Town, Texas	0.1435040000%
TX444	Floyd County, Texas	0.0060326670%
TX445	Floydada City, Texas	0.0042380000%
TX446	Foard County, Texas	0.0038426670%
TX447	Follett City, Texas	0.0001413330%
TX448	Forest Hill City, Texas	0.0174213330%
TX449	Forney City, Texas	0.0534080000%
TX450	Forsan City, Texas	0.0003840000%
TX451	Fort Bend County, Texas	1.0044793330%
TX452	Fort Stockton City, Texas	0.0029406670%
TX453	Fort Worth City, Texas	1.4138600000%
TX454	Franklin City, Texas	0.0026206670%
TX455	Franklin County, Texas	0.0171886670%
TX456	Frankston Town, Texas	0.0001826670%
TX457	Fredericksburg City, Texas	0.0376573330%
TX458	Freeport City, Texas	0.0486486670%
TX459	Freer City, Texas	0.0021806670%
TX460	Freestone County, Texas	0.0336633330%
TX461	Friendswood City, Texas	0.0935533330%
TX462	Frio County, Texas	0.0133026670%
TX463	Friona City, Texas	0.0018986670%
TX464	Frisco City, Texas	0.2702060000%
TX465	Fritch City, Texas	0.0030320000%
TX466	Frost City, Texas	0.0002140000%
TX467	Fruitvale City, Texas	0.0015626670%
TX468	Fulshear City, Texas	0.0035146670%
TX469	Fulton Town, Texas	0.0010680000%
TX470	Gaines County, Texas	0.0362313330%
TX471	Gainesville City, Texas	0.1026533330%
TX472	Galena Park City, Texas	0.0087286670%
TX473	Gallatin City, Texas	0.0008353330%
TX474	Galveston City, Texas	0.3254580000%
TX475	Galveston County, Texas	0.7493953330%
TX476	Ganado City, Texas	0.0036733330%
TX477	Garden Ridge City, Texas	0.0075673330%
TX478	Garland City, Texas	0.2801626670%
TX479	Garrett Town, Texas	0.0016733330%
TX480	Garrison City, Texas	0.0023700000%
TX481	Gary City Town, Texas	0.0003000000%
TX482	Garza County, Texas	0.0059626670%
TX483	Gatesville City, Texas	0.0179960000%
TX484	George West City, Texas	0.0041380000%
TX485	Georgetown City, Texas	0.1505973330%
TX486	Gholson City, Texas	0.0010033330%
TX487	Giddings City, Texas	0.0084493330%
TX488	Gillespie County, Texas	0.0421273330%
TX489	Gilmer City, Texas	0.0226340000%
TX490	Gladewater City, Texas	0.0164253330%

TX491	Glasscock County, Texas	0.0006666670%
TX492	Glen Rose City, Texas	0.0003600000%
TX493	Glenn Heights City, Texas	0.0110620000%
TX494	Godley City, Texas	0.0020766670%
TX495	Goldsmith City, Texas	0.0004513330%
TX496	Goldthwaite City, Texas	0.0008166670%
TX497	Goliad City, Texas	0.0023753330%
TX498	Goliad County, Texas	0.0231066670%
TX499	Golinda City, Texas	0.0000666670%
TX500	Gonzales City, Texas	0.0099213330%
TX501	Gonzales County, Texas	0.0221533330%
TX502	Goodlow City, Texas	0.0001473330%
TX503	Goodrich City, Texas	0.0064286670%
TX504	Gordon City, Texas	0.0002433330%
TX505	Goree City, Texas	0.0004993330%
TX506	Gorman City, Texas	0.0020713330%
TX507	Graford City, Texas	0.0000153330%
TX508	Graham City, Texas	0.1569520000%
TX509	Granbury City, Texas	0.0478233330%
TX510	Grand Prairie City, Texas	0.2969593330%
TX511	Grand Saline City, Texas	0.0242753330%
TX512	Grandfalls Town, Texas	0.0000433330%
TX513	Grandview City, Texas	0.0044000000%
TX514	Granger City, Texas	0.0018273330%
TX515	Granite Shoals City, Texas	0.0078893330%
TX516	Granjeno City, Texas	0.0000286670%
TX517	Grapeland City, Texas	0.0048580000%
TX518	Grapevine City, Texas	0.0861300000%
TX519	Gray County, Texas	0.0439226670%
TX520	Grays Prairie Village, Texas	0.0000113330%
TX521	Grayson County, Texas	0.3593886670%
TX522	Greenville City, Texas	0.1354080000%
TX523	Gregg County, Texas	0.1624960000%
TX524	Gregory City, Texas	0.0031313330%
TX525	Grey Forest City, Texas	0.0003160000%
TX526	Grimes County, Texas	0.0632520000%
TX527	Groesbeck City, Texas	0.0038300000%
TX528	Groom Town, Texas	0.0006433330%
TX529	Groves City, Texas	0.0271680000%
TX530	Groveton City, Texas	0.0058846670%
TX531	Gruver City, Texas	0.0007773330%
TX532	Guadalupe County, Texas	0.0978826670%
TX533	Gun Barrel City, Texas	0.0242013330%
TX534	Gunter City, Texas	0.0030726670%
TX535	Gustine Town, Texas	0.0000226670%
TX536	Hackberry Town, Texas	0.0000626670%
TX537	Hale Center City, Texas	0.0040280000%
TX538	Hale County, Texas	0.0527666670%
TX539	Hall County, Texas	0.0059553330%

TX540	Hallettsville City, Texas	0.0045966670%
TX541	Hallsburg City, Texas	0.0001813330%
TX542	Hallsville City, Texas	0.0068260000%
TX543	Haltom City, Texas	0.0478666670%
TX544	Hamilton City, Texas	0.0023873330%
TX545	Hamilton County, Texas	0.0442380000%
TX546	Hamlin City, Texas	0.0031040000%
TX547	Hansford County, Texas	0.0109440000%
TX548	Happy Town, Texas	0.0002180000%
TX549	Hardeman County, Texas	0.0101460000%
TX550	Hardin City, Texas	0.0000666670%
TX551	Hardin County, Texas	0.2532000000%
TX552	Harker Heights City, Texas	0.0757873330%
TX553	Harlingen City, Texas	0.1102860000%
TX554	Harris County, Texas	9.9774680000%
TX555	Harrison County, Texas	0.1239400000%
TX556	Hart City, Texas	0.0000573330%
TX557	Hartley County, Texas	0.0005240000%
TX558	Haskell City, Texas	0.0072193330%
TX559	Haskell County, Texas	0.0146740000%
TX560	Haslet City, Texas	0.0012720000%
TX561	Hawk Cove City, Texas	0.0004493330%
TX562	Hawkins City, Texas	0.0052880000%
TX563	Hawley City, Texas	0.0006206670%
TX564	Hays City, Texas	0.0003373330%
TX565	Hays County, Texas	0.3529926670%
TX566	Hearne City, Texas	0.0112160000%
TX567	Heath City, Texas	0.0191673330%
TX568	Hebron Town, Texas	0.0004580000%
TX569	Hedley City, Texas	0.0000466670%
TX570	Hedwig Village City, Texas	0.0087113330%
TX571	Helotes City, Texas	0.0105266670%
TX572	Hemphill City, Texas	0.0053566670%
TX573	Hemphill County, Texas	0.0095960000%
TX574	Hempstead City, Texas	0.0141600000%
TX575	Henderson City, Texas	0.0399773330%
TX576	Henderson County, Texas	0.2186433330%
TX577	Henrietta City, Texas	0.0018133330%
TX578	Hereford City, Texas	0.0136153330%
TX579	Hewitt City, Texas	0.0131840000%
TX580	Hickory Creek Town, Texas	0.0110066670%
TX581	Hico City, Texas	0.0036893330%
TX582	Hidalgo City, Texas	0.0177473330%
TX583	Hidalgo County, Texas	0.8354020000%
TX584	Hideaway City, Texas	0.0006146670%
TX585	Higgins City, Texas	0.0000286670%
TX586	Highland Haven City, Texas	0.0002133330%
TX587	Highland Park Town, Texas	0.0289220000%
TX588	Highland Village City, Texas	0.0335433330%

TX589	Hill Country Village City, Texas	0.0043233330%
TX590	Hill County, Texas	0.0849846670%
TX591	Hillcrest Village, Texas	0.0035633330%
TX592	Hillsboro City, Texas	0.0310726670%
TX593	Hilshire Village City, Texas	0.0005726670%
TX594	Hitchcock City, Texas	0.0191973330%
TX595	Hockley County, Texas	0.0309380000%
TX596	Holiday Lakes Town, Texas	0.0011966670%
TX597	Holland Town, Texas	0.0000513330%
TX598	Holliday City, Texas	0.0039400000%
TX599	Hollywood Park Town, Texas	0.0062826670%
TX600	Hondo City, Texas	0.0768586670%
TX601	Honey Grove City, Texas	0.0047973330%
TX602	Hood County, Texas	0.1947366670%
TX603	Hooks City, Texas	0.0018013330%
TX604	Hopkins County, Texas	0.0996786670%
TX605	Horizon City, Texas	0.0050133330%
TX606	Horseshoe Bay City, Texas	0.0321153330%
TX607	Houston City, Texas	4.6811953330%
TX608	Houston County, Texas	0.0524320000%
TX609	Howard County, Texas	0.0595533330%
TX610	Howardwick City, Texas	0.0000560000%
TX611	Howe Town, Texas	0.0061180000%
TX612	Hubbard City, Texas	0.0024233330%
TX613	Hudson City, Texas	0.0045600000%
TX614	Hudson Oaks City, Texas	0.0104246670%
TX615	Hudspeth County, Texas	0.0006566670%
TX616	Hughes Springs City, Texas	0.0029613330%
TX617	Humble City, Texas	0.0493013330%
TX618	Hunt County, Texas	0.2065673330%
TX619	Hunters Creek Village City, Texas	0.0098053330%
TX620	Huntington City, Texas	0.0058613330%
TX621	Huntsville City, Texas	0.0535820000%
TX622	Hurst City, Texas	0.0661246670%
TX623	Hutchins City, Texas	0.0063673330%
TX624	Hutchinson County, Texas	0.0497533330%
TX625	Hutto City, Texas	0.0255640000%
TX626	Huxley City, Texas	0.0004920000%
TX627	Idalou City, Texas	0.0013326670%
TX628	Impact Town, Texas	0.0000053330%
TX629	Indian Lake Town, Texas	0.0003153330%
TX630	Industry City, Texas	0.0004026670%
TX631	Ingleside City, Texas	0.0269913330%
TX632	Ingleside on the Bay City, Texas	0.0000946670%
TX633	Ingram City, Texas	0.0034953330%
TX634	Iola City, Texas	0.0021093330%
TX635	Iowa Colony Village, Texas	0.0027266670%
TX636	Iowa Park City, Texas	0.0156580000%
TX637	Iraan City, Texas	0.0000373330%

TX638	Iredell City, Texas	0.0001440000%
TX639	Irion County, Texas	0.0060700000%
TX640	Irving City, Texas	0.2852120000%
TX641	Italy Town, Texas	0.0035660000%
TX642	Itasca City, Texas	0.0057960000%
TX643	Ivanhoe City, Texas	0.0000173330%
TX644	Jacinto City, Texas	0.0094273330%
TX645	Jack County, Texas	0.0098660000%
TX646	Jacksboro City, Texas	0.0155026670%
TX647	Jackson County, Texas	0.0253226670%
TX648	Jacksonville City, Texas	0.0534526670%
TX649	Jamaica Beach City, Texas	0.0032753330%
TX650	Jarrell City, Texas	0.0016153330%
TX651	Jasper City, Texas	0.0522813330%
TX652	Jasper County, Texas	0.1659033330%
TX653	Jayton City, Texas	0.0000420000%
TX654	Jeff Davis County, Texas	0.0056666670%
TX655	Jefferson City, Texas	0.0074626670%
TX656	Jefferson County, Texas	0.5044093330%
TX657	Jersey Village City, Texas	0.0242313330%
TX658	Jewett City, Texas	0.0062253330%
TX659	Jim Hogg County, Texas	0.0084786670%
TX660	Jim Wells County, Texas	0.1110260000%
TX661	Joaquin City, Texas	0.0005400000%
TX662	Johnson City, Texas	0.0023873330%
TX663	Johnson County, Texas	0.2724613330%
TX664	Jolly City, Texas	0.0000173330%
TX665	Jones County, Texas	0.0146673330%
TX666	Jones Creek Village, Texas	0.0033853330%
TX667	Jonestown City, Texas	0.0042793330%
TX668	Josephine City, Texas	0.0005873330%
TX669	Joshua City, Texas	0.0137460000%
TX670	Jourdanton City, Texas	0.0064000000%
TX671	Junction City, Texas	0.0032166670%
TX672	Justin City, Texas	0.0057166670%
TX673	Karnes City, Texas	0.0077546670%
TX674	Karnes County, Texas	0.0234993330%
TX675	Katy City, Texas	0.0349780000%
TX676	Kaufman City, Texas	0.0184046670%
TX677	Kaufman County, Texas	0.2353646670%
TX678	Keene City, Texas	0.0255306670%
TX679	Keller City, Texas	0.0527926670%
TX680	Kemah City, Texas	0.0188833330%
TX681	Kemp City, Texas	0.0042793330%
TX682	Kempner City, Texas	0.0002200000%
TX683	Kendall County, Texas	0.0670953330%
TX684	Kendleton City, Texas	0.0000086670%
TX685	Kenedy City, Texas	0.0004506670%
TX686	Kenedy County, Texas	0.0006666670%

TX687	Kenefick Town, Texas	0.0002773330%
TX688	Kennard City, Texas	0.0000880000%
TX689	Kennedale City, Texas	0.0140160000%
TX690	Kent County, Texas	0.0006260000%
TX691	Kerens City, Texas	0.0012826670%
TX692	Kermit City, Texas	0.0037680000%
TX693	Kerr County, Texas	0.1456346670%
TX694	Kerrville City, Texas	0.1269046670%
TX695	Kilgore City, Texas	0.0703886670%
TX696	Killeen City, Texas	0.3571000000%
TX697	Kimble County, Texas	0.0136533330%
TX698	King County, Texas	0.0006666670%
TX699	Kingsville City, Texas	0.0133886670%
TX700	Kinney County, Texas	0.0014280000%
TX701	Kirby City, Texas	0.0058346670%
TX702	Kirbyville City, Texas	0.0071266670%
TX703	Kirvin Town, Texas	0.0000013330%
TX704	Kleberg County, Texas	0.0827393330%
TX705	Knollwood City, Texas	0.0007733330%
TX706	Knox City Town, Texas	0.0013080000%
TX707	Knox County, Texas	0.0078200000%
TX708	Kosse Town, Texas	0.0016453330%
TX709	Kountze City, Texas	0.0131440000%
TX710	Kress City, Texas	0.0001240000%
TX711	Krugerville City, Texas	0.0010053330%
TX712	Krum City, Texas	0.0064406670%
TX713	Kurten Town, Texas	0.0004573330%
TX714	Kyle City, Texas	0.0345566670%
TX715	La Feria City, Texas	0.0069206670%
TX716	La Grange City, Texas	0.0064153330%
TX717	La Grulla City, Texas	0.0011386670%
TX718	La Joya City, Texas	0.0056380000%
TX719	La Marque City, Texas	0.0659533330%
TX720	La Porte City, Texas	0.0610213330%
TX721	La Salle County, Texas	0.0099833330%
TX722	La Vernia City, Texas	0.0021446670%
TX723	La Villa City, Texas	0.0003813330%
TX724	La Ward City, Texas	0.0002140000%
TX725	Lacoste City, Texas	0.0001060000%
TX726	Lacy-Lakeview City, Texas	0.0077326670%
TX727	Ladonia Town, Texas	0.0013406670%
TX728	Lago Vista City, Texas	0.0091786670%
TX729	Laguna Vista Town, Texas	0.0024593330%
TX730	Lake Bridgeport City, Texas	0.0001546670%
TX731	Lake City Town, Texas	0.0019453330%
TX732	Lake Dallas City, Texas	0.0168760000%
TX733	Lake Jackson City, Texas	0.0505206670%
TX734	Lake Tanglewood Village, Texas	0.0004086670%
TX735	Lake Worth City, Texas	0.0133673330%

TX736	Lakeport City, Texas	0.0003086670%
TX737	Lakeside City Town, Texas	0.0001480000%
TX738	Lakeside Town, San Patricio County, Texas	0.0029826670%
TX739	Lakeside Town, Tarrant County, Texas	0.0029826670%
TX740	Lakeview Town, Texas	0.0002846670%
TX741	Lakeway City, Texas	0.0211046670%
TX742	Lakewood Village City, Texas	0.0003713330%
TX743	Lamar County, Texas	0.0943986670%
TX744	Lamb County, Texas	0.0337873330%
TX745	Lamesa City, Texas	0.0197706670%
TX746	Lampasas City, Texas	0.0188073330%
TX747	Lampasas County, Texas	0.0285453330%
TX748	Lancaster City, Texas	0.0604353330%
TX749	Laredo City, Texas	0.5087826670%
TX750	Latexo City, Texas	0.0000826670%
TX751	Lavaca County, Texas	0.0306486670%
TX752	Lavon City, Texas	0.0049566670%
TX753	Lawn Town, Texas	0.0000386670%
TX754	League City, Texas	0.2016120000%
TX755	Leakey City, Texas	0.0001706670%
TX756	Leander City, Texas	0.0590940000%
TX757	Leary City, Texas	0.0005313330%
TX758	Lee County, Texas	0.0203046670%
TX759	Lefors Town, Texas	0.0001060000%
TX760	Leon County, Texas	0.0449286670%
TX761	Leon Valley City, Texas	0.0155053330%
TX762	Leona City, Texas	0.0005886670%
TX763	Leonard City, Texas	0.0056700000%
TX764	Leroy City, Texas	0.0001173330%
TX765	Levelland City, Texas	0.0312320000%
TX766	Lewisville City, Texas	0.2547293330%
TX767	Lexington Town, Texas	0.0015453330%
TX768	Liberty City, Texas	0.0482286670%
TX769	Liberty County, Texas	0.3541413330%
TX770	Liberty Hill City, Texas	0.0018533330%
TX771	Limestone County, Texas	0.0904560000%
TX772	Lincoln Park Town, Texas	0.0004513330%
TX773	Lindale City, Texas	0.0161346670%
TX774	Linden City, Texas	0.0024406670%
TX775	Lindsay City, Texas	0.0008186670%
TX776	Lipan City, Texas	0.0000293330%
TX777	Lipscomb County, Texas	0.0067546670%
TX778	Little Elm City, Texas	0.0462173330%
TX779	Little River-Academy City, Texas	0.0005320000%
TX780	Littlefield City, Texas	0.0051186670%
TX781	Live Oak City, Texas	0.0218266670%
TX782	Live Oak County, Texas	0.0264773330%
TX783	Liverpool City, Texas	0.0009566670%

TX784	Livingston Town, Texas	0.0487766670%
TX785	Llano City, Texas	0.0154140000%
TX786	Llano County, Texas	0.0770980000%
TX787	Lockhart City, Texas	0.0327000000%
TX788	Lockney Town, Texas	0.0022006670%
TX789	Log Cabin City, Texas	0.0013066670%
TX790	Lometa City, Texas	0.0007840000%
TX791	Lone Oak City, Texas	0.0011366670%
TX792	Lone Star City, Texas	0.0055220000%
TX793	Longview City, Texas	0.3215026670%
TX794	Loraine Town, Texas	0.0001253330%
TX795	Lorena City, Texas	0.0022600000%
TX796	Lorenzo City, Texas	0.0075720000%
TX797	Los Fresnos City, Texas	0.0074566670%
TX798	Los Indios Town, Texas	0.0001060000%
TX799	Lott City, Texas	0.0010106670%
TX800	Lovelady City, Texas	0.0001660000%
TX801	Loving County, Texas	0.0006666670%
TX802	Lowry Crossing City, Texas	0.0005220000%
TX803	Lubbock City, Texas	0.2132446670%
TX804	Lubbock County, Texas	0.9198126670%
TX805	Lucas City, Texas	0.0035106670%
TX806	Lueders City, Texas	0.0003386670%
TX807	Lufkin City, Texas	0.1877280000%
TX808	Luling City, Texas	0.0196140000%
TX809	Lumberton City, Texas	0.0244060000%
TX810	Lyford City, Texas	0.0020473330%
TX811	Lynn County, Texas	0.0041833330%
TX812	Lytle City, Texas	0.0048153330%
TX813	Mabank Town, Texas	0.0129620000%
TX814	Madison County, Texas	0.0329946670%
TX815	Madisonville City, Texas	0.0076386670%
TX816	Magnolia City, Texas	0.0173540000%
TX817	Malakoff City, Texas	0.0084093330%
TX818	Malone Town, Texas	0.0002926670%
TX819	Manor City, Texas	0.0083326670%
TX820	Mansfield City, Texas	0.1005253330%
TX821	Manvel City, Texas	0.0082033330%
TX822	Marble Falls City, Texas	0.0246926670%
TX823	Marfa City, Texas	0.0000433330%
TX824	Marietta Town, Texas	0.0002253330%
TX825	Marion City, Texas	0.0001833330%
TX826	Marion County, Texas	0.0364853330%
TX827	Marlin City, Texas	0.0144226670%
TX828	Marquez City, Texas	0.0008813330%
TX829	Marshall City, Texas	0.0722473330%
TX830	Mart City, Texas	0.0006186670%
TX831	Martin County, Texas	0.0072413330%
TX832	Martindale City, Texas	0.0016246670%

TX833	Mason City, Texas	0.0005180000%
TX834	Mason County, Texas	0.0020893330%
TX835	Matador Town, Texas	0.0008020000%
TX836	Matagorda County, Texas	0.0901593330%
TX837	Mathis City, Texas	0.0104800000%
TX838	Maud City, Texas	0.0002820000%
TX839	Maverick County, Texas	0.0772793330%
TX840	Maypearl City, Texas	0.0006573330%
TX841	McAllen City, Texas	0.2429493330%
TX842	McCamey City, Texas	0.0003613330%
TX843	McCulloch County, Texas	0.0133473330%
TX844	McGregor City, Texas	0.0061033330%
TX845	McKinney City, Texas	0.3002553330%
TX846	McLean Town, Texas	0.0000093330%
TX847	McLendon-Chisholm City, Texas	0.0002740000%
TX848	McLennan County, Texas	0.3530940000%
TX849	McMullen County, Texas	0.0006666670%
TX850	Meadow Town, Texas	0.0007473330%
TX851	Meadowlakes City, Texas	0.0006033330%
TX852	Meadows Place City, Texas	0.0120986670%
TX853	Medina County, Texas	0.0322366670%
TX854	Megargel Town, Texas	0.0004073330%
TX855	Melissa City, Texas	0.0102540000%
TX856	Melvin Town, Texas	0.0002300000%
TX857	Memphis City, Texas	0.0048020000%
TX858	Menard City, Texas	0.0006606670%
TX859	Menard County, Texas	0.0098113330%
TX860	Mercedes City, Texas	0.0142940000%
TX861	Meridian City, Texas	0.0023640000%
TX862	Merkel Town, Texas	0.0067446670%
TX863	Mertens Town, Texas	0.0001593330%
TX864	Mertzon City, Texas	0.0000193330%
TX865	Mesquite City, Texas	0.2071393330%
TX866	Mexia City, Texas	0.0140640000%
TX867	Miami City, Texas	0.0003033330%
TX868	Midland City, Texas	0.3478993330%
TX869	Midland County, Texas	0.1866180000%
TX870	Midlothian City, Texas	0.0638660000%
TX871	Midway City, Texas	0.0000520000%
TX872	Milam County, Texas	0.0649240000%
TX873	Milano City, Texas	0.0006026670%
TX874	Mildred Town, Texas	0.0001906670%
TX875	Miles City, Texas	0.0000620000%
TX876	Milford Town, Texas	0.0041180000%
TX877	Miller's Cove Town, Texas	0.0000646670%
TX878	Millican Town, Texas	0.0002780000%
TX879	Mills County, Texas	0.0132873330%
TX880	Millsap Town, Texas	0.0000226670%
TX881	Mineola City, Texas	0.0324793330%

TX882	Mineral Wells City, Texas	0.0613740000%
TX883	Mingus City, Texas	0.0001260000%
TX884	Mission City, Texas	0.0831786670%
TX885	Missouri City, Texas	0.1397553330%
TX886	Mitchell County, Texas	0.0139000000%
TX887	Mobeetie City, Texas	0.0000346670%
TX888	Mobile City, Texas	0.0013560000%
TX889	Monahans City, Texas	0.0038993330%
TX890	Mont Belvieu City, Texas	0.0131126670%
TX891	Montague County, Texas	0.0631973330%
TX892	Montgomery City, Texas	0.0012560000%
TX893	Montgomery County, Texas	1.8006073330%
TX894	Moody City, Texas	0.0005520000%
TX895	Moore County, Texas	0.0270846670%
TX896	Moore Station City, Texas	0.0005146670%
TX897	Moran City, Texas	0.0000333330%
TX898	Morgan City, Texas	0.0004033330%
TX899	Morgan's Point City, Texas	0.0020700000%
TX900	Morgan's Point Resort City, Texas	0.0053493330%
TX901	Morris County, Texas	0.0355520000%
TX902	Morton City, Texas	0.0001113330%
TX903	Motley County, Texas	0.0022293330%
TX904	Moulton Town, Texas	0.0006660000%
TX905	Mount Calm City, Texas	0.0004033330%
TX906	Mount Enterprise City, Texas	0.0012213330%
TX907	Mount Pleasant City, Texas	0.0437893330%
TX908	Mount Vernon Town, Texas	0.0040326670%
TX909	Mountain City, Texas	0.0010320000%
TX910	Muenster City, Texas	0.0031040000%
TX911	Muleshoe City, Texas	0.0032733330%
TX912	Mullin Town, Texas	0.0002560000%
TX913	Munday City, Texas	0.0013646670%
TX914	Murchison City, Texas	0.0015346670%
TX915	Murphy City, Texas	0.0345953330%
TX916	Mustang Ridge City, Texas	0.0016413330%
TX917	Mustang Town, Texas	0.0000046670%
TX918	Nacogdoches City, Texas	0.1373280000%
TX919	Nacogdoches County, Texas	0.1323886670%
TX920	Naples City, Texas	0.0028160000%
TX921	Nash City, Texas	0.0053326670%
TX922	Nassau Bay City, Texas	0.0074980000%
TX923	Natalia City, Texas	0.0004166670%
TX924	Navarro County, Texas	0.0690086670%
TX925	Navarro Town, Texas	0.0002226670%
TX926	Navasota City, Texas	0.0251173330%
TX927	Nazareth City, Texas	0.0000826670%
TX928	Nederland City, Texas	0.0297233330%
TX929	Needville City, Texas	0.0068940000%
TX930	Nevada City, Texas	0.0001580000%

TX931	New Berlin City, Texas	0.0000026670%
TX932	New Boston City, Texas	0.0046353330%
TX933	New Braunfels City, Texas	0.2048753330%
TX934	New Chapel Hill City, Texas	0.0001920000%
TX935	New Deal Town, Texas	0.0002253330%
TX936	New Fairview City, Texas	0.0015560000%
TX937	New Home City, Texas	0.0000060000%
TX938	New Hope Town, Texas	0.0006826670%
TX939	New London City, Texas	0.0027526670%
TX940	New Summerfield City, Texas	0.0002946670%
TX941	New Waverly City, Texas	0.0017080000%
TX942	Newark City, Texas	0.0003466670%
TX943	Newcastle City, Texas	0.0006093330%
TX944	Newton City, Texas	0.0040680000%
TX945	Newton County, Texas	0.1053373330%
TX946	Neylandville Town, Texas	0.0001086670%
TX947	Niederwald City, Texas	0.0000106670%
TX948	Nixon City, Texas	0.0015220000%
TX949	Nocona City, Texas	0.0110240000%
TX950	Nolan County, Texas	0.0335080000%
TX951	Nolanville City, Texas	0.0028313330%
TX952	Nome City, Texas	0.0002606670%
TX953	Noonday City, Texas	0.0001506670%
TX954	Nordheim City, Texas	0.0004646670%
TX955	Normangee Town, Texas	0.0041280000%
TX956	North Cleveland City, Texas	0.0000700000%
TX957	North Richland Hills City, Texas	0.0976126670%
TX958	Northlake Town, Texas	0.0059366670%
TX959	Novice City, Texas	0.0000506670%
TX960	Nueces County, Texas	0.9119546670%
TX961	Oak Grove Town, Texas	0.0018460000%
TX962	Oak Leaf City, Texas	0.0004080000%
TX963	Oak Point City, Texas	0.0060073330%
TX964	Oak Ridge North City, Texas	0.0223413330%
TX965	Oak Ridge Town, Cooke County, Texas	0.0002386670%
TX966	Oak Ridge Town, Kaufman County, Texas	0.0002386670%
TX967	Oak Valley Town, Texas	0.0000046670%
TX968	Oakwood Town, Texas	0.0000986670%
TX969	O'Brien City, Texas	0.0000506670%
TX970	Ochiltree County, Texas	0.0103173330%
TX971	Odem City, Texas	0.0049466670%
TX972	Odessa City, Texas	0.3727753330%
TX973	O'Donnell City, Texas	0.0000180000%
TX974	Oglesby City, Texas	0.0000193330%
TX975	Old River-Winfree City, Texas	0.0144353330%
TX976	Oldham County, Texas	0.0068786670%
TX977	Olmos Park City, Texas	0.0065340000%
TX978	Olney City, Texas	0.0040586670%

TX979	Olton City, Texas	0.0007980000%
TX980	Omaha City, Texas	0.0027900000%
TX981	Onalaska City, Texas	0.0211026670%
TX982	Opdyke West Town, Texas	0.0003193330%
TX983	Orange City, Texas	0.2075593330%
TX984	Orange County, Texas	0.4598786670%
TX985	Orange Grove City, Texas	0.0011180000%
TX986	Orchard City, Texas	0.0005780000%
TX987	Ore City, Texas	0.0045373330%
TX988	Overton City, Texas	0.0052666670%
TX989	Ovilla City, Texas	0.0089273330%
TX990	Oyster Creek City, Texas	0.0064220000%
TX991	Paducah Town, Texas	0.0000833330%
TX992	Paint Rock Town, Texas	0.0000940000%
TX993	Palacios City, Texas	0.0093573330%
TX994	Palestine City, Texas	0.1186726670%
TX995	Palisades Village, Texas	0.0001600000%
TX996	Palm Valley City, Texas	0.0012786670%
TX997	Palmer Town, Texas	0.0084440000%
TX998	Palmhurst City, Texas	0.0031066670%
TX999	Palmview City, Texas	0.0050513330%
TX1000	Palo Pinto County, Texas	0.0830806670%
TX1001	Pampa City, Texas	0.0448180000%
TX1002	Panhandle Town, Texas	0.0063573330%
TX1003	Panola County, Texas	0.0537993330%
TX1004	Panorama Village City, Texas	0.0008613330%
TX1005	Pantego Town, Texas	0.0085986670%
TX1006	Paradise City, Texas	0.0000346670%
TX1007	Paris City, Texas	0.1341200000%
TX1008	Parker City, Texas	0.0068713330%
TX1009	Parker County, Texas	0.3175026670%
TX1010	Parmer County, Texas	0.0105773330%
TX1011	Pasadena City, Texas	0.2376906670%
TX1012	Pattison City, Texas	0.0007653330%
TX1013	Patton Village City, Texas	0.0061786670%
TX1014	Payne Springs Town, Texas	0.0011800000%
TX1015	Pearland City, Texas	0.2225013330%
TX1016	Pearsall City, Texas	0.0077133330%
TX1017	Pecan Gap City, Texas	0.0004793330%
TX1018	Pecan Hill City, Texas	0.0001526670%
TX1019	Pecos City, Texas	0.0050813330%
TX1020	Pecos County, Texas	0.0313313330%
TX1021	Pelican Bay City, Texas	0.0007993330%
TX1022	Penelope Town, Texas	0.0002766670%
TX1023	Penitas City, Texas	0.0002080000%
TX1024	Perryton City, Texas	0.0155760000%
TX1025	Petersburg City, Texas	0.0011273330%
TX1026	Petrolia City, Texas	0.0000113330%
TX1027	Petronila City, Texas	0.0000033330%

TX1028	Pflugerville City, Texas	0.0576053330%
TX1029	Pharr City, Texas	0.0964806670%
TX1030	Pilot Point City, Texas	0.0077420000%
TX1031	Pine Forest City, Texas	0.0025960000%
TX1032	Pine Island Town, Texas	0.0020940000%
TX1033	Pinehurst City, Texas	0.0217806670%
TX1034	Pineland City, Texas	0.0027586670%
TX1035	Piney Point Village City, Texas	0.0104920000%
TX1036	Pittsburg City, Texas	0.0136840000%
TX1037	Plains Town, Texas	0.0000860000%
TX1038	Plainview City, Texas	0.0401986670%
TX1039	Plano City, Texas	0.7677386670%
TX1040	Pleak Village, Texas	0.0001800000%
TX1041	Pleasant Valley Town, Texas	0.0002053330%
TX1042	Pleasanton City, Texas	0.0193406670%
TX1043	Plum Grove City, Texas	0.0001720000%
TX1044	Point Blank City, Texas	0.0002366670%
TX1045	Point City, Texas	0.0010126670%
TX1046	Point Comfort City, Texas	0.0002980000%
TX1047	Point Venture Village, Texas	0.0003920000%
TX1048	Polk County, Texas	0.2472206670%
TX1049	Ponder Town, Texas	0.0008546670%
TX1050	Port Aransas City, Texas	0.0206813330%
TX1051	Port Arthur City, Texas	0.2452966670%
TX1052	Port Isabel City, Texas	0.0065346670%
TX1053	Port Lavaca City, Texas	0.0078346670%
TX1054	Port Neches City, Texas	0.0258993330%
TX1055	Portland City, Texas	0.0510113330%
TX1056	Post City, Texas	0.0015546670%
TX1057	Post Oak Bend City Town, Texas	0.0006893330%
TX1058	Poteet City, Texas	0.0045113330%
TX1059	Poth Town, Texas	0.0026493330%
TX1060	Potter County, Texas	0.2478006670%
TX1061	Pottsboro Town, Texas	0.0082013330%
TX1062	Powell Town, Texas	0.0000733330%
TX1063	Poynor Town, Texas	0.0007866670%
TX1064	Prairie View City, Texas	0.0050666670%
TX1065	Premont City, Texas	0.0022140000%
TX1066	Presidio City, Texas	0.0000986670%
TX1067	Presidio County, Texas	0.0005246670%
TX1068	Primera Town, Texas	0.0019720000%
TX1069	Princeton City, Texas	0.0128300000%
TX1070	Progreso City, Texas	0.0053813330%
TX1071	Progreso Lakes City, Texas	0.0000260000%
TX1072	Prosper Town, Texas	0.0151800000%
TX1073	Providence Village Town, Texas	0.0003386670%
TX1074	Putnam Town, Texas	0.0000093330%
TX1075	Pyote Town, Texas	0.0000146670%
TX1076	Quanah City, Texas	0.0001380000%

TX1077	Queen City, Texas	0.0032246670%
TX1078	Quinlan City, Texas	0.0048693330%
TX1079	Quintana Town, Texas	0.0003280000%
TX1080	Quitaque City, Texas	0.0000053330%
TX1081	Quitman City, Texas	0.0104126670%
TX1082	Rains County, Texas	0.0354600000%
TX1083	Ralls City, Texas	0.0026446670%
TX1084	Rancho Viejo Town, Texas	0.0025573330%
TX1085	Randall County, Texas	0.1854173330%
TX1086	Ranger City, Texas	0.0081240000%
TX1087	Rankin City, Texas	0.0010753330%
TX1088	Ransom Canyon Town, Texas	0.0006200000%
TX1089	Ravenna City, Texas	0.0004566670%
TX1090	Raymondville City, Texas	0.0049773330%
TX1091	Reagan County, Texas	0.0168100000%
TX1092	Real County, Texas	0.0033820000%
TX1093	Red Lick City, Texas	0.0000153330%
TX1094	Red Oak City, Texas	0.0178953330%
TX1095	Red River County, Texas	0.0195373330%
TX1096	Redwater City, Texas	0.0007053330%
TX1097	Reeves County, Texas	0.0689000000%
TX1098	Refugio County, Texas	0.0308106670%
TX1099	Refugio Town, Texas	0.0058926670%
TX1100	Reklaw City, Texas	0.0007573330%
TX1101	Reno City, Texas	0.0074426670%
TX1102	Reno City, Texas	0.0025273330%
TX1103	Retreat Town, Texas	0.0000346670%
TX1104	Rhome City, Texas	0.0081900000%
TX1105	Rice City, Texas	0.0013146670%
TX1106	Richardson City, Texas	0.1735433330%
TX1107	Richland Hills City, Texas	0.0162920000%
TX1108	Richland Springs Town, Texas	0.0014893330%
TX1109	Richland Town, Texas	0.0001400000%
TX1110	Richmond City, Texas	0.0517373330%
TX1111	Richwood City, Texas	0.0080746670%
TX1112	Riesel City, Texas	0.0007453330%
TX1113	Rio Bravo City, Texas	0.0056986670%
TX1114	Rio Grande City, Texas	0.0172980000%
TX1115	Rio Hondo City, Texas	0.0023666670%
TX1116	Rio Vista City, Texas	0.0029460000%
TX1117	Rising Star Town, Texas	0.0012886670%
TX1118	River Oaks City, Texas	0.0079446670%
TX1119	Riverside City, Texas	0.0005720000%
TX1120	Roanoke City, Texas	0.0001833330%
TX1121	Roaring Springs Town, Texas	0.0003073330%
TX1122	Robert Lee City, Texas	0.0000566670%
TX1123	Roberts County, Texas	0.0003646670%
TX1124	Robertson County, Texas	0.0297613330%
TX1125	Robinson City, Texas	0.0120013330%

TX1126	Robstown City, Texas	0.0267693330%
TX1127	Roby City, Texas	0.0002853330%
TX1128	Rochester Town, Texas	0.0004493330%
TX1129	Rockdale City, Texas	0.0139820000%
TX1130	Rockport City, Texas	0.0361686670%
TX1131	Rocksprings Town, Texas	0.0000166670%
TX1132	Rockwall City, Texas	0.0762053330%
TX1133	Rockwall County, Texas	0.1125466670%
TX1134	Rocky Mound Town, Texas	0.0001866670%
TX1135	Rogers Town, Texas	0.0025453330%
TX1136	Rollingwood City, Texas	0.0031693330%
TX1137	Roma City, Texas	0.0110860000%
TX1138	Roman Forest Town, Texas	0.0057400000%
TX1139	Ropesville City, Texas	0.0014146670%
TX1140	Roscoe City, Texas	0.0005186670%
TX1141	Rose City, Texas	0.0026746670%
TX1142	Rose Hill Acres City, Texas	0.0015406670%
TX1143	Rosebud City, Texas	0.0009926670%
TX1144	Rosenberg City, Texas	0.0843953330%
TX1145	Ross City, Texas	0.0000980000%
TX1146	Rosser Village, Texas	0.0003660000%
TX1147	Rotan City, Texas	0.0009953330%
TX1148	Round Mountain Town, Texas	0.0003026670%
TX1149	Round Rock City, Texas	0.3173280000%
TX1150	Round Top Town, Texas	0.0000933330%
TX1151	Rowlett City, Texas	0.0666420000%
TX1152	Roxton City, Texas	0.0000313330%
TX1153	Royse City, Texas	0.0156626670%
TX1154	Rule Town, Texas	0.0005333330%
TX1155	Runaway Bay City, Texas	0.0046206670%
TX1156	Runge Town, Texas	0.0001700000%
TX1157	Runnels County, Texas	0.0225540000%
TX1158	Rusk City, Texas	0.0119940000%
TX1159	Rusk County, Texas	0.1009266670%
TX1160	Sabinal City, Texas	0.0012073330%
TX1161	Sabine County, Texas	0.0309860000%
TX1162	Sachse City, Texas	0.0156000000%
TX1163	Sadler City, Texas	0.0006166670%
TX1164	Saginaw City, Texas	0.0213153330%
TX1165	Salado Village, Texas	0.0021400000%
TX1166	San Angelo City, Texas	0.3576726670%
TX1167	San Antonio City, Texas	2.9102773330%
TX1168	San Augustine City, Texas	0.0167880000%
TX1169	San Augustine County, Texas	0.0252360000%
TX1170	San Benito City, Texas	0.0266766670%
TX1171	San Diego City, Texas	0.0078473330%
TX1172	San Elizario City, Texas	0.0052206670%
TX1173	San Felipe Town, Texas	0.0009986670%
TX1174	San Jacinto County, Texas	0.1315986670%

TX1175	San Juan City, Texas	0.0192300000%
TX1176	San Leanna Village, Texas	0.0000240000%
TX1177	San Marcos City, Texas	0.2171253330%
TX1178	San Patricio City, Texas	0.0028086670%
TX1179	San Patricio County, Texas	0.1812773330%
TX1180	San Perlita City, Texas	0.0014793330%
TX1181	San Saba City, Texas	0.0067046670%
TX1182	San Saba County, Texas	0.0117080000%
TX1183	Sanctuary Town, Texas	0.0000113330%
TX1184	Sandy Oaks City, Texas	0.0065753330%
TX1185	Sandy Point City, Texas	0.0010913330%
TX1186	Sanford Town, Texas	0.0002053330%
TX1187	Sanger City, Texas	0.0148246670%
TX1188	Sansom Park City, Texas	0.0001486670%
TX1189	Santa Anna Town, Texas	0.0002193330%
TX1190	Santa Clara City, Texas	0.0000580000%
TX1191	Santa Fe City, Texas	0.0221813330%
TX1192	Santa Rosa Town, Texas	0.0014253330%
TX1193	Savoy City, Texas	0.0015660000%
TX1194	Schertz City, Texas	0.0400733330%
TX1195	Schleicher County, Texas	0.0037966670%
TX1196	Schulenburg City, Texas	0.0017066670%
TX1197	Scotland City, Texas	0.0000986670%
TX1198	Scottsville City, Texas	0.0004720000%
TX1199	Scurry County, Texas	0.0487440000%
TX1200	Scurry Town, Texas	0.0007400000%
TX1201	Seabrook City, Texas	0.0201800000%
TX1202	Seadrift City, Texas	0.0006606670%
TX1203	Seagoville City, Texas	0.0114040000%
TX1204	Seagraves City, Texas	0.0050206670%
TX1205	Sealy City, Texas	0.0137580000%
TX1206	Seguin City, Texas	0.2510253330%
TX1207	Selma City, Texas	0.0149526670%
TX1208	Seminole City, Texas	0.0107280000%
TX1209	Seven Oaks City, Texas	0.0026113330%
TX1210	Seven Points City, Texas	0.0049680000%
TX1211	Seymour City, Texas	0.0094786670%
TX1212	Shackelford County, Texas	0.0008586670%
TX1213	Shady Shores Town, Texas	0.0003960000%
TX1214	Shallowater City, Texas	0.0012713330%
TX1215	Shamrock City, Texas	0.0028853330%
TX1216	Shavano Park City, Texas	0.0021186670%
TX1217	Shelby County, Texas	0.0732833330%
TX1218	Shenandoah City, Texas	0.0314146670%
TX1219	Shepherd City, Texas	0.0000980000%
TX1220	Sherman City, Texas	0.2203900000%
TX1221	Sherman County, Texas	0.0052866670%
TX1222	Shiner City, Texas	0.0026946670%
TX1223	Shoreacres City, Texas	0.0006386670%

TX1224	Silsbee City, Texas	0.0442946670%
TX1225	Silverton City, Texas	0.0000093330%
TX1226	Simonton City, Texas	0.0012706670%
TX1227	Sinton City, Texas	0.0157720000%
TX1228	Skellytown, Texas	0.0002666670%
TX1229	Slaton City, Texas	0.0001026670%
TX1230	Smiley City, Texas	0.0004366670%
TX1231	Smith County, Texas	0.5059740000%
TX1232	Smithville City, Texas	0.0113393330%
TX1233	Smyer Town, Texas	0.0002000000%
TX1234	Snook City, Texas	0.0009480000%
TX1235	Snyder City, Texas	0.0060120000%
TX1236	Socorro City, Texas	0.0074166670%
TX1237	Somerset City, Texas	0.0010180000%
TX1238	Somervell County, Texas	0.0380506670%
TX1239	Somerville City, Texas	0.0025373330%
TX1240	Sonora City, Texas	0.0048913330%
TX1241	Sour Lake City, Texas	0.0119040000%
TX1242	South Houston City, Texas	0.0170800000%
TX1243	South Mountain Town, Texas	0.0001026670%
TX1244	South Padre Island Town, Texas	0.0204193330%
TX1245	Southlake City, Texas	0.0472306670%
TX1246	Southmayd City, Texas	0.0047306670%
TX1247	Southside Place City, Texas	0.0005900000%
TX1248	Spearman City, Texas	0.0093333330%
TX1249	Splendora City, Texas	0.0051706670%
TX1250	Spofford City, Texas	0.0000046670%
TX1251	Spring Valley Village City, Texas	0.0109360000%
TX1252	Springlake Town, Texas	0.0000020000%
TX1253	Springtown City, Texas	0.0094960000%
TX1254	Spur City, Texas	0.0002846670%
TX1255	St. Hedwig Town, Texas	0.0000740000%
TX1256	St. Jo City, Texas	0.0049066670%
TX1257	St. Paul Town, Texas	0.0000140000%
TX1258	Stafford City, Texas	0.0500966670%
TX1259	Stagecoach Town, Texas	0.0020240000%
TX1260	Stamford City, Texas	0.0002653330%
TX1261	Stanton City, Texas	0.0025586670%
TX1262	Staples City, Texas	0.0000126670%
TX1263	Star Harbor City, Texas	0.0001006670%
TX1264	Starr County, Texas	0.0665973330%
TX1265	Stephens County, Texas	0.0234960000%
TX1266	Stephenville City, Texas	0.0556480000%
TX1267	Sterling City, Texas	0.0000413330%
TX1268	Sterling County, Texas	0.0006260000%
TX1269	Stinnett City, Texas	0.0027313330%
TX1270	Stockdale City, Texas	0.0004940000%
TX1271	Stonewall County, Texas	0.0012146670%
TX1272	Stratford City, Texas	0.0055853330%

TX1273	Strawn City, Texas	0.0006580000%
TX1274	Streetman Town, Texas	0.0000033330%
TX1275	Sudan City, Texas	0.0000213330%
TX1276	Sugar Land City, Texas	0.2143740000%
TX1277	Sullivan City, Texas	0.0040806670%
TX1278	Sulphur Springs City, Texas	0.0830686670%
TX1279	Sun Valley City, Texas	0.0000026670%
TX1280	Sundown City, Texas	0.0017280000%
TX1281	Sunnyvale Town, Texas	0.0021653330%
TX1282	Sunray City, Texas	0.0017140000%
TX1283	Sunrise Beach Village City, Texas	0.0013886670%
TX1284	Sunset Valley City, Texas	0.0062833330%
TX1285	Surfside Beach City, Texas	0.0043533330%
TX1286	Sutton County, Texas	0.0043606670%
TX1287	Sweeny City, Texas	0.0030020000%
TX1288	Sweetwater City, Texas	0.0454986670%
TX1289	Swisher County, Texas	0.0048340000%
TX1290	Taft City, Texas	0.0039073330%
TX1291	Tahoka City, Texas	0.0002866670%
TX1292	Talco City, Texas	0.0002480000%
TX1293	Talty Town, Texas	0.0060826670%
TX1294	Tarrant County, Texas	4.1141060000%
TX1295	Tatum City, Texas	0.0006480000%
TX1296	Taylor City, Texas	0.0386300000%
TX1297	Taylor County, Texas	0.2340520000%
TX1298	Taylor Lake Village City, Texas	0.0002746670%
TX1299	Taylor Landing City, Texas	0.0001020000%
TX1300	Teague City, Texas	0.0011426670%
TX1301	Tehuacana Town, Texas	0.0000080000%
TX1302	Temple City, Texas	0.1871646670%
TX1303	Tenaha Town, Texas	0.0031453330%
TX1304	Terrell City, Texas	0.0991373330%
TX1305	Terrell County, Texas	0.0038246670%
TX1306	Terrell Hills City, Texas	0.0065720000%
TX1307	Terry County, Texas	0.0169486670%
TX1308	Texarkana City, Texas	0.1280626670%
TX1309	Texas City, Texas	0.1991346670%
TX1310	Texhoma City, Texas	0.0001040000%
TX1311	Texline Town, Texas	0.0005766670%
TX1312	The Colony City, Texas	0.0761980000%
TX1313	The Hills Village, Texas	0.0006693330%
TX1314	Thompsons Town, Texas	0.0012646670%
TX1315	Thorndale City, Texas	0.0010633330%
TX1316	Thornton Town, Texas	0.0001800000%
TX1317	Thorntonville Town, Texas	0.0000580000%
TX1318	Thrall City, Texas	0.0005500000%
TX1319	Three Rivers City, Texas	0.0031126670%
TX1320	Throckmorton County, Texas	0.0037966670%
TX1321	Throckmorton Town, Texas	0.0000193330%

TX1322	Tiki Island Village, Texas	0.0014520000%
TX1323	Timbercreek Canyon Village, Texas	0.0002460000%
TX1324	Timpson City, Texas	0.0084280000%
TX1325	Tioga Town, Texas	0.0015933330%
TX1326	Tira Town, Texas	0.0001233330%
TX1327	Titus County, Texas	0.0470740000%
TX1328	Toco City, Texas	0.0000026670%
TX1329	Todd Mission City, Texas	0.0011200000%
TX1330	Tolar City, Texas	0.0015793330%
TX1331	Tom Bean City, Texas	0.0015286670%
TX1332	Tom Green County, Texas	0.1882846670%
TX1333	Tomball City, Texas	0.0230800000%
TX1334	Tool City, Texas	0.0098580000%
TX1335	Toyah Town, Texas	0.0000266670%
TX1336	Travis County, Texas	3.1356486670%
TX1337	Trent Town, Texas	0.0000420000%
TX1338	Trenton City, Texas	0.0020593330%
TX1339	Trinidad City, Texas	0.0039060000%
TX1340	Trinity City, Texas	0.0157680000%
TX1341	Trinity County, Texas	0.0705106670%
TX1342	Trophy Club Town, Texas	0.0195800000%
TX1343	Troup City, Texas	0.0052786670%
TX1344	Troy City, Texas	0.0035466670%
TX1345	Tulia City, Texas	0.0059406670%
TX1346	Turkey City, Texas	0.0004913330%
TX1347	Tuscola City, Texas	0.0000920000%
TX1348	Tye City, Texas	0.0011773330%
TX1349	Tyler City, Texas	0.4825526670%
TX1350	Tyler County, Texas	0.0878286670%
TX1351	Uhland City, Texas	0.0010300000%
TX1352	Uncertain City, Texas	0.0001233330%
TX1353	Union Grove City, Texas	0.0006626670%
TX1354	Union Valley City, Texas	0.0004440000%
TX1355	Universal City, Texas	0.0189520000%
TX1356	University Park City, Texas	0.0338886670%
TX1357	Upshur County, Texas	0.0855333330%
TX1358	Upton County, Texas	0.0056660000%
TX1359	Uvalde City, Texas	0.0122926670%
TX1360	Uvalde County, Texas	0.0241626670%
TX1361	Val Verde County, Texas	0.0785433330%
TX1362	Valentine Town, Texas	0.0001380000%
TX1363	Valley Mills City, Texas	0.0014853330%
TX1364	Valley View City, Texas	0.0012160000%
TX1365	Van Alstyne City, Texas	0.0291660000%
TX1366	Van City, Texas	0.0041373330%
TX1367	Van Horn Town, Texas	0.0001406670%
TX1368	Van Zandt County, Texas	0.1658313330%
TX1369	Vega City, Texas	0.0006493330%
TX1370	Venus Town, Texas	0.0065280000%

TX1371	Vernon City, Texas	0.0542246670%
TX1372	Victoria City, Texas	0.0563986670%
TX1373	Victoria County, Texas	0.3472573330%
TX1374	Vidor City, Texas	0.0637466670%
TX1375	Vinton Village, Texas	0.0004146670%
TX1376	Volente Village, Texas	0.0002220000%
TX1377	Von Ormy City, Texas	0.0003420000%
TX1378	Waco City, Texas	0.3413380000%
TX1379	Waelder City, Texas	0.0022846670%
TX1380	Wake Village City, Texas	0.0001160000%
TX1381	Walker County, Texas	0.1230826670%
TX1382	Waller City, Texas	0.0075300000%
TX1383	Waller County, Texas	0.0841373330%
TX1384	Wallis City, Texas	0.0017986670%
TX1385	Walnut Springs City, Texas	0.0001220000%
TX1386	Ward County, Texas	0.0452800000%
TX1387	Warren City, Texas	0.0000440000%
TX1388	Washington County, Texas	0.0558180000%
TX1389	Waskom City, Texas	0.0035640000%
TX1390	Watauga City, Texas	0.0221440000%
TX1391	Waxahachie City, Texas	0.1013960000%
TX1392	Weatherford City, Texas	0.1385813330%
TX1393	Webb County, Texas	0.3368693330%
TX1394	Webberville Village, Texas	0.0008533330%
TX1395	Webster City, Texas	0.0354680000%
TX1396	Weimar City, Texas	0.0038866670%
TX1397	Weinert City, Texas	0.0001560000%
TX1398	Weir City, Texas	0.0002953330%
TX1399	Wellington City, Texas	0.0060740000%
TX1400	Wellman City, Texas	0.0002553330%
TX1401	Wells Town, Texas	0.0009046670%
TX1402	Weslaco City, Texas	0.0492993330%
TX1403	West City, Texas	0.0023480000%
TX1404	West Columbia City, Texas	0.0119720000%
TX1405	West Lake Hills City, Texas	0.0113706670%
TX1406	West Orange City, Texas	0.0283013330%
TX1407	West Tawakoni City, Texas	0.0046633330%
TX1408	West University Place City, Texas	0.0231146670%
TX1409	Westbrook City, Texas	0.0000286670%
TX1410	Westlake Town, Texas	0.0276933330%
TX1411	Weston City, Texas	0.0001773330%
TX1412	Weston Lakes City, Texas	0.0001260000%
TX1413	Westover Hills Town, Texas	0.0030060000%
TX1414	Westworth Village City, Texas	0.0052280000%
TX1415	Wharton City, Texas	0.0211333330%
TX1416	Wharton County, Texas	0.0485913330%
TX1417	Wheeler City, Texas	0.0002980000%
TX1418	Wheeler County, Texas	0.0175153330%
TX1419	White Deer Town, Texas	0.0008486670%

TX1420	White Oak City, Texas	0.0102033330%
TX1421	White Settlement City, Texas	0.0155360000%
TX1422	Whiteface Town, Texas	0.0001033330%
TX1423	Whitehouse City, Texas	0.0193446670%
TX1424	Whitesboro City, Texas	0.0126213330%
TX1425	Whitewright Town, Texas	0.0047320000%
TX1426	Whitney Town, Texas	0.0000486670%
TX1427	Wichita County, Texas	0.3682473330%
TX1428	Wichita Falls City, Texas	0.5550493330%
TX1429	Wickett Town, Texas	0.0000580000%
TX1430	Wilbarger County, Texas	0.0367493330%
TX1431	Willacy County, Texas	0.0163873330%
TX1432	Williamson County, Texas	0.7973246670%
TX1433	Willis City, Texas	0.0162560000%
TX1434	Willow Park City, Texas	0.0178246670%
TX1435	Wills Point City, Texas	0.0291766670%
TX1436	Wilmer City, Texas	0.0002840000%
TX1437	Wilson City, Texas	0.0000080000%
TX1438	Wilson County, Texas	0.0806893330%
TX1439	Wimberley City, Texas	0.0004826670%
TX1440	Windcrest City, Texas	0.0086053330%
TX1441	Windom Town, Texas	0.0007246670%
TX1442	Windthorst Town, Texas	0.0022566670%
TX1443	Winfield City, Texas	0.0001933330%
TX1444	Wink City, Texas	0.0000800000%
TX1445	Winkler County, Texas	0.0407753330%
TX1446	Winnsboro City, Texas	0.0191940000%
TX1447	Winona Town, Texas	0.0002126670%
TX1448	Winters City, Texas	0.0041526670%
TX1449	Wise County, Texas	0.1927160000%
TX1450	Wixon Valley City, Texas	0.0002940000%
TX1451	Wolfe City, Texas	0.0036440000%
TX1452	Wolfforth City, Texas	0.0026813330%
TX1453	Wood County, Texas	0.1780320000%
TX1454	Woodbranch City, Texas	0.0064113330%
TX1455	Woodcreek City, Texas	0.0002386670%
TX1456	Woodloch Town, Texas	0.0006746670%
TX1457	Woodsboro Town, Texas	0.0007533330%
TX1458	Woodson Town, Texas	0.0000813330%
TX1459	Woodville Town, Texas	0.0135600000%
TX1460	Woodway City, Texas	0.0171420000%
TX1461	Wortham Town, Texas	0.0002506670%
TX1462	Wylie City, Texas	0.0764720000%
TX1463	Yantis Town, Texas	0.0013813330%
TX1464	Yoakum City, Texas	0.0134733330%
TX1465	Yoakum County, Texas	0.0232826670%

TX1466	Yorktown City, Texas	0.0036313330%
TX1467	Young County, Texas	0.0294133330%
TX1468	Zapata County, Texas	0.0376533330%
TX1469	Zavala County, Texas	0.0254313330%
TX1470	Zavalla City, Texas	0.0007253330%

UT1	Alpine City, Utah	0.0074850652%
UT2	American Fork City, Utah	0.3698700092%
UT3	Beaver County, Utah	0.2275939135%
UT4	Bluffdale City, Utah	0.1704007776%
UT5	Bountiful City, Utah	0.6461516868%
UT6	Box Elder County, Utah	1.1410929709%
UT7	Brigham City, Utah	0.3231707689%
UT8	Cache County, Utah	1.5923257966%
UT9	Carbon County, Utah	2.7182297715%
UT10	Cedar City, Utah	0.5516348901%
UT11	Cedar Hills City, Utah	0.0265381350%
UT12	Centerville City, Utah	0.2945736299%
UT13	Clearfield City, Utah	0.5750088413%
UT14	Clinton City, Utah	0.2576485190%
UT15	Cottonwood Heights City, Utah	0.0239883969%
UT16	Daggett County, Utah	0.0276266371%
UT17	Davis County, Utah	4.8789267057%
UT18	Draper City, Utah	0.7910838693%
UT19	Duchesne County, Utah	0.6408909172%
UT20	Eagle Mountain City, Utah	0.2503351422%
UT21	Emery County, Utah	0.9376231601%
UT22	Farmington City, Utah	0.1603346751%
UT23	Garfield County, Utah	0.1469437809%
UT24	Grand County, Utah	0.3044262356%
UT25	Grantsville City, Utah	0.1073581283%
UT26	Heber City, Utah	0.0928758762%
UT27	Herriman City, Utah	0.1167024085%
UT28	Highland City, Utah	0.1372268809%
UT29	Holladay City, Utah	0.2761428876%
UT30	Hurricane City, Utah	0.3378642332%
UT31	Iron County, Utah	1.0702371865%
UT32	Juab County, Utah	0.3518708297%
UT33	Kane County, Utah	0.4388202011%
UT34	Kaysville City, Utah	0.1350662117%
UT35	Layton City, Utah	1.1150478545%
UT36	Lehi City, Utah	0.6673840454%
UT37	Lindon City, Utah	0.2081464059%
UT38	Logan City, Utah	0.8935609300%
UT39	Mapleton City, Utah	0.1020696007%
UT40	Midvale City, Utah	0.4932109210%
UT41	Millard County, Utah	0.3551337086%
UT42	Morgan County, Utah	0.2160474984%
UT43	Murray City, Utah	1.1259407571%
UT44	North Logan City, Utah	0.0879011396%
UT45	North Ogden City, Utah	0.1395023517%
UT46	North Salt Lake City, Utah	0.1790604747%
UT47	Ogden City, Utah	3.6512528708%
UT48	Orem City, Utah	1.8083710104%
UT49	Payson City, Utah	0.2381624015%

UT50	Piute County, Utah	0.0224236680%
UT51	Pleasant Grove City, Utah	0.4674787961%
UT52	Pleasant View City, Utah	0.0767770346%
UT53	Provo City, Utah	2.3364111417%
UT54	Rich County, Utah	0.0610053490%
UT55	Riverton City, Utah	0.0412215470%
UT56	Roy City, Utah	0.5557639786%
UT57	Salt Lake City, Utah	9.2867022201%
UT58	Salt Lake County, Utah	19.7782038536%
UT59	San Juan County, Utah	0.2489376467%
UT60	Sandy City, Utah	1.4728771735%
UT61	Sanpete County, Utah	1.0128237001%
UT62	Santaquin City, Utah	0.1356391917%
UT63	Saratoga Springs City, Utah	0.3576972686%
UT64	Sevier County, Utah	0.6613686693%
UT65	Smithfield City, Utah	0.0754928557%
UT66	South Jordan City, Utah	1.0816862772%
UT67	South Ogden City, Utah	0.3523774418%
UT68	South Salt Lake City, Utah	1.0103412437%
UT69	Spanish Fork City, Utah	0.3973909831%
UT70	Springville City, Utah	0.4031371180%
UT71	St. George City, Utah	1.6549144940%
UT72	Summit County, Utah	0.9435271615%
UT73	Syracuse City, Utah	0.2902117397%
UT74	Taylorsville City, Utah	1.0791357394%
UT75	Tooele City, Utah	0.4168343784%
UT76	Tooele County, Utah	1.7091149060%
UT77	Uintah County, Utah	0.7667420434%
UT78	Utah County, Utah	7.4710417070%
UT79	Vernal City, Utah	0.0994151132%
UT80	Vineyard Town, Utah	0.0012097006%
UT81	Wasatch County, Utah	0.5077548576%
UT82	Washington City, Utah	0.3059016363%
UT83	Washington County, Utah	2.5665496530%
UT84	Wayne County, Utah	0.1091896995%
UT85	Weber County, Utah	5.1002376011%
UT86	West Haven City, Utah	0.0067360561%
UT87	West Jordan City, Utah	1.7847960136%
UT88	West Point City, Utah	0.0019552828%
UT89	West Valley City, Utah	3.7788016901%
UT90	Woods Cross City, Utah	0.1613122594%

VT1	Addison County, Vermont	0.7355948910%
VT2	Albany Town, Vermont	0.0345075405%
VT3	Albany Village, Vermont	0.0160668267%
VT4	Alburgh Town, Vermont	0.0606145322%
VT5	Alburgh Village, Vermont	0.0525580527%
VT6	Andover Town, Vermont	0.0012398034%
VT7	Arlington Town, Vermont	0.0885559202%
VT8	Athens Town, Vermont	0.0006484140%
VT9	Bakersfield Town, Vermont	0.0549127180%
VT10	Baltimore Town, Vermont	0.0024796068%
VT11	Barnard Town, Vermont	0.0830636232%
VT12	Barnet Town, Vermont	0.0471074029%
VT13	Barre City, Vermont	2.1256028600%
VT14	Barre Town, Vermont	1.3320832015%
VT15	Barton Town, Vermont	0.3252065150%
VT16	Barton Village, Vermont	0.0324162133%
VT17	Bellows Falls Village, Vermont	0.9422159742%
VT18	Belvidere Town, Vermont	0.0049931720%
VT19	Bennington County, Vermont	0.9901518348%
VT20	Bennington Town, Vermont	2.4851413569%
VT21	Benson Town, Vermont	0.0225970986%
VT22	Berlin Town, Vermont	0.5526473249%
VT23	Bethel Town, Vermont	0.0892626402%
VT24	Bloomfield Town, Vermont	0.0119245379%
VT25	Bolton Town, Vermont	0.1874031696%
VT26	Bradford Town, Vermont	0.7724442824%
VT27	Braintree Town, Vermont	0.0619908100%
VT28	Brandon Town, Vermont	0.5039156835%
VT29	Brattleboro Town, Vermont	2.8616648398%
VT30	Bridgewater Town, Vermont	0.2045592293%
VT31	Bridport Town, Vermont	0.0525426753%
VT32	Brighton Town, Vermont	0.1371312246%
VT33	Bristol Town, Vermont	0.4536168281%
VT34	Brookfield Town, Vermont	0.0181094589%
VT35	Brookline Town, Vermont	0.0142663887%
VT36	Brownington Town, Vermont	0.0209132726%
VT37	Brunswick Town, Vermont	0.0071549790%
VT38	Burke Town, Vermont	0.0035553845%
VT39	Burlington City, Vermont	10.6984139884%
VT40	Cabot Town, Vermont	0.0223388863%
VT41	Calais Town, Vermont	0.0461347819%
VT42	Caledonia County, Vermont	0.8505961058%
VT43	Cambridge Town, Vermont	0.0682410850%
VT44	Cambridge Village, Vermont	0.0012481328%
VT45	Canaan Town, Vermont	0.1359388349%
VT46	Castleton Town, Vermont	0.4255786906%
VT47	Cavendish Town, Vermont	0.0216955982%
VT48	Charleston Town, Vermont	0.0460098405%
VT49	Charlotte Town, Vermont	0.2587947007%

VT50	Chelsea Town, Vermont	0.0097511978%
VT51	Chester Town, Vermont	0.3719262791%
VT52	Chittenden County, Vermont	0.6721150355%
VT53	Chittenden Town, Vermont	0.0203372606%
VT54	Clarendon Town, Vermont	0.0632716198%
VT55	Colchester Town, Vermont	2.5489633597%
VT56	Concord Town, Vermont	0.0166940968%
VT57	Corinth Town, Vermont	0.0626872784%
VT58	Cornwall Town, Vermont	0.0577966224%
VT59	Coventry Town, Vermont	0.0376445314%
VT60	Craftsbury Town, Vermont	0.0501924950%
VT61	Danby Town, Vermont	0.0082858591%
VT62	Danville Town, Vermont	0.0302198071%
VT63	Derby Center Village, Vermont	0.0488117321%
VT64	Derby Line Village, Vermont	0.0549242511%
VT65	Derby Town, Vermont	0.5855806035%
VT66	Dorset Town, Vermont	0.0697288490%
VT67	Dover Town, Vermont	0.6426262960%
VT68	Dummerston Town, Vermont	0.0577133282%
VT69	East Haven Town, Vermont	0.0107321482%
VT70	East Montpelier Town, Vermont	0.1121807421%
VT71	Eden Town, Vermont	0.0299596726%
VT72	Elmore Town, Vermont	0.0195568572%
VT73	Enosburg Falls Village, Vermont	0.0515847910%
VT74	Enosburgh Town, Vermont	0.0873609676%
VT75	Essex County, Vermont	0.3791972294%
VT76	Essex Junction Village, Vermont	0.1451319610%
VT77	Essex Town, Vermont	1.8402135758%
VT78	Fair Haven Town, Vermont	0.3879168595%
VT79	Fairfax Town, Vermont	0.1256334098%
VT80	Fairfield Town, Vermont	0.0981770508%
VT81	Fairlee Town, Vermont	0.0592042959%
VT82	Fayston Town, Vermont	0.0053417265%
VT83	Ferrisburgh Town, Vermont	0.1296046250%
VT84	Fletcher Town, Vermont	0.0216321664%
VT85	Franklin County, Vermont	1.4110871894%
VT86	Franklin Town, Vermont	0.0432643327%
VT87	Georgia Town, Vermont	0.2512668196%
VT88	Goshen Town, Vermont	0.0148872515%
VT89	Grafton Town, Vermont	0.0220479971%
VT90	Grand Isle County, Vermont	0.4312958821%
VT91	Grand Isle Town, Vermont	0.1561992085%
VT92	Granville Town, Vermont	0.0131355086%
VT93	Greensboro Town, Vermont	0.2645567430%
VT94	Groton Town, Vermont	0.0719938128%
VT95	Guildhall Town, Vermont	0.0155017070%
VT96	Guilford Town, Vermont	0.0032420698%
VT97	Halifax Town, Vermont	0.0155632167%
VT98	Hancock Town, Vermont	0.0534179060%

VT99	Hardwick Town, Vermont	0.7839350493%
VT100	Hartford Town, Vermont	3.2053851113%
VT101	Hartland Town, Vermont	0.0483504099%
VT102	Highgate Town, Vermont	0.2362905072%
VT103	Hinesburg Town, Vermont	0.2869757200%
VT104	Holland Town, Vermont	0.0010456636%
VT105	Hubbardton Town, Vermont	0.0632716198%
VT106	Huntington Town, Vermont	0.0422712086%
VT107	Hyde Park Town, Vermont	0.0374497510%
VT108	Hyde Park Village, Vermont	0.0025481644%
VT109	Ira Town, Vermont	0.0067788733%
VT110	Irasburg Town, Vermont	0.0909740173%
VT111	Isle La Motte Town, Vermont	0.0520666164%
VT112	Jacksonville Village, Vermont	0.0061977355%
VT113	Jamaica Town, Vermont	0.0259384809%
VT114	Jay Town, Vermont	0.0031369909%
VT115	Jeffersonville Village, Vermont	0.0039462269%
VT116	Jericho Town, Vermont	0.0422712086%
VT117	Johnson Town, Vermont	0.2812873611%
VT118	Johnson Village, Vermont	0.1616364031%
VT119	Killington Town, Vermont	0.2124125988%
VT120	Kirby Town, Vermont	0.0008886859%
VT121	Lamoille County, Vermont	1.1151624597%
VT122	Landgrove Town, Vermont	0.0125511672%
VT123	Leicester Town, Vermont	0.0481639588%
VT124	Lincoln Town, Vermont	0.0718080025%
VT125	Londonderry Town, Vermont	0.0382589870%
VT126	Lowell Town, Vermont	0.0481011678%
VT127	Ludlow Town, Vermont	0.7209171567%
VT128	Ludlow Village, Vermont	0.2940730337%
VT129	Lunenburg Town, Vermont	0.0965880521%
VT130	Lyndon Town, Vermont	0.4559618826%
VT131	Lyndonville Village, Vermont	0.0079994549%
VT132	Maidstone Town, Vermont	0.0214642963%
VT133	Manchester Town, Vermont	0.6972897719%
VT134	Manchester Village, Vermont	0.0076701221%
VT135	Marlboro Town, Vermont	0.0129695608%
VT136	Marshfield Town, Vermont	0.0174828296%
VT137	Marshfield Village, Vermont	0.0171445266%
VT138	Mendon Town, Vermont	0.0971672678%
VT139	Middlebury Town, Vermont	1.3520936922%
VT140	Middlesex Town, Vermont	0.0165114901%
VT141	Middletown Springs Town, Vermont	0.0587525845%
VT142	Milton Town, Vermont	0.9332579943%
VT143	Monkton Town, Vermont	0.0210170701%
VT144	Montgomery Town, Vermont	0.0432643327%
VT145	Montpelier City, Vermont	2.1358012840%
VT146	Moretown, Vermont	0.0140831413%
VT147	Morgan Town, Vermont	0.0271878951%

VT148	Morristown, Vermont	0.5887893556%
VT149	Morrisville Village, Vermont	0.2266450291%
VT150	Mount Holly Town, Vermont	0.0918947396%
VT151	Mount Tabor Town, Vermont	0.0241034437%
VT152	New Haven Town, Vermont	0.1313563678%
VT153	Newbury Town, Vermont	0.0536325490%
VT154	Newbury Village, Vermont	0.0020894051%
VT155	Newfane Town, Vermont	0.0603069840%
VT156	Newfane Village, Vermont	0.0032420698%
VT157	Newport City, Vermont	1.2443589426%
VT158	Newport Town, Vermont	0.5761696308%
VT159	North Bennington Village, Vermont	0.1073823506%
VT160	North Hero Town, Vermont	0.0916986776%
VT161	North Troy Village, Vermont	0.0345075405%
VT162	Northfield Town, Vermont	0.5366215046%
VT163	Norton Town, Vermont	0.0131169276%
VT164	Norwich Town, Vermont	0.4866039276%
VT165	Old Bennington Village, Vermont	0.0014256137%
VT166	Orange County, Vermont	0.5836866196%
VT167	Orange Town, Vermont	0.0271641883%
VT168	Orleans County, Vermont	0.4475510820%
VT169	Orleans Village, Vermont	0.1150249216%
VT170	Orwell Town, Vermont	0.0350284502%
VT171	Panton Town, Vermont	0.0402823974%
VT172	Pawlet Town, Vermont	0.0497138732%
VT173	Peacham Town, Vermont	0.0373299353%
VT174	Perkinsville Village, Vermont	0.0463135443%
VT175	Peru Town, Vermont	0.0034861862%
VT176	Pittsfield Town, Vermont	0.0090387113%
VT177	Pittsford Town, Vermont	0.2538406130%
VT178	Plainfield Town, Vermont	0.0684736682%
VT179	Plymouth Town, Vermont	0.0681866233%
VT180	Pomfret Town, Vermont	0.0750052216%
VT181	Poultney Town, Vermont	0.1634522185%
VT182	Poultney Village, Vermont	0.3218151562%
VT183	Pownal Town, Vermont	0.1568905511%
VT184	Proctor Town, Vermont	0.1581796903%
VT185	Putney Town, Vermont	0.1348803568%
VT186	Randolph Town, Vermont	1.0482675385%
VT187	Reading Town, Vermont	0.0006195813%
VT188	Readsboro Town, Vermont	0.0495075597%
VT189	Richford Town, Vermont	0.3377954850%
VT190	Richmond Town, Vermont	0.3085809759%
VT191	Ripton Town, Vermont	0.0402823974%
VT192	Rochester Town, Vermont	0.1090982129%
VT193	Rockingham Town, Vermont	0.4824558723%
VT194	Roxbury Town, Vermont	0.0082557450%
VT195	Royalton Town, Vermont	0.1989804344%
VT196	Rutland City, Vermont	6.2978142029%

VT197	Rutland County, Vermont	1.5426293676%
VT198	Rutland Town, Vermont	0.3201255637%
VT199	Ryegate Town, Vermont	0.0515514733%
VT200	Salisbury Town, Vermont	0.0271468887%
VT201	Sandgate Town, Vermont	0.0257994435%
VT202	Saxtons River Village, Vermont	0.0156375408%
VT203	Searsburg Town, Vermont	0.0118540581%
VT204	Shaftsbury Town, Vermont	0.0697288490%
VT205	Sharon Town, Vermont	0.1462910330%
VT206	Sheffield Town, Vermont	0.0302198071%
VT207	Shelburne Town, Vermont	0.7838991687%
VT208	Sheldon Town, Vermont	0.1372817951%
VT209	Shoreham Town, Vermont	0.0359043216%
VT210	Shrewsbury Town, Vermont	0.0323893028%
VT211	South Burlington City, Vermont	4.2811506559%
VT212	South Hero Town, Vermont	0.0559519744%
VT213	Springfield Town, Vermont	2.0400160607%
VT214	St Albans Town, Vermont	0.7155280165%
VT215	St George Town, Vermont	0.0117419312%
VT216	St Johnsbury Town, Vermont	1.7171904807%
VT217	St. Albans City, Vermont	3.9012902759%
VT218	Stamford Town, Vermont	0.0495075597%
VT219	Stannard Town, Vermont	0.0017773719%
VT220	Starksboro Town, Vermont	0.0070056900%
VT221	Stockbridge Town, Vermont	0.0737654182%
VT222	Stowe Town, Vermont	0.9395659345%
VT223	Strafford Town, Vermont	0.0821896740%
VT224	Stratton Town, Vermont	0.1614672516%
VT225	Sudbury Town, Vermont	0.0135583873%
VT226	Sunderland Town, Vermont	0.0341673154%
VT227	Sutton Town, Vermont	0.0364412494%
VT228	Swanton Town, Vermont	0.1297936389%
VT229	Swanton Village, Vermont	0.5715903674%
VT230	Thetford Town, Vermont	0.2618926073%
VT231	Tinmouth Town, Vermont	0.0120520422%
VT232	Topsham Town, Vermont	0.0592042959%
VT233	Townshend Town, Vermont	0.0596585701%
VT234	Troy Town, Vermont	0.0365988678%
VT235	Underhill Town, Vermont	0.0897092257%
VT236	Vergennes City, Vermont	1.4746932678%
VT237	Vernon Town, Vermont	0.3196917927%
VT238	Vershire Town, Vermont	0.0006964684%
VT239	Victory Town, Vermont	0.0095397585%
VT240	Waitsfield Town, Vermont	0.0485631307%
VT241	Walden Town, Vermont	0.0071107690%
VT242	Wallingford Town, Vermont	0.0165710775%
VT243	Waltham Town, Vermont	0.0201411987%
VT244	Warren Town, Vermont	0.0480774609%
VT245	Washington County, Vermont	0.9081281087%

VT246	Washington Town, Vermont	0.0529360806%
VT247	Waterbury Town, Vermont	0.4584350821%
VT248	Waterford Town, Vermont	0.0577729156%
VT249	Waterville Town, Vermont	0.0004158307%
VT250	Weathersfield Town, Vermont	0.1692264346%
VT251	Wells River Village, Vermont	0.1107474397%
VT252	Wells Town, Vermont	0.0444407043%
VT253	West Burke Village, Vermont	0.0017773719%
VT254	West Fairlee Town, Vermont	0.0090547294%
VT255	West Haven Town, Vermont	0.0090387113%
VT256	West Rutland Town, Vermont	0.1212713522%
VT257	West Windsor Town, Vermont	0.0210760168%
VT258	Westfield Town, Vermont	0.0250965679%
VT259	Westford Town, Vermont	0.0657557117%
VT260	Westminster Town, Vermont	0.0752217867%
VT261	Westminster Village, Vermont	0.0079763888%
VT262	Westmore Town, Vermont	0.0365988678%
VT263	Weston Town, Vermont	0.0291344185%
VT264	Weybridge Town, Vermont	0.0245199151%
VT265	Wheelock Town, Vermont	0.0222203522%
VT266	Whiting Town, Vermont	0.0026269736%
VT267	Whitingham Town, Vermont	0.0901365894%
VT268	Williston Town, Vermont	1.4048183334%
VT269	Wilmington Town, Vermont	0.4344700351%
VT270	Windham County, Vermont	0.7048785219%
VT271	Windham Town, Vermont	0.0155632167%
VT272	Windsor County, Vermont	0.7909631647%
VT273	Windsor Town, Vermont	1.5118803214%
VT274	Winhall Town, Vermont	0.3772340472%
VT275	Winooski City, Vermont	1.3620774732%
VT276	Wolcott Town, Vermont	0.0337047118%
VT277	Woodbury Town, Vermont	0.0267099141%
VT278	Woodford Town, Vermont	0.0383512514%
VT279	Woodstock Town, Vermont	0.5151181240%
VT280	Woodstock Village, Vermont	0.3241960913%
VT281	Worcester Town, Vermont	0.0233102258%

VA1	Accomack County, Virginia	0.3480000000%
VA2	Albemarle County, Virginia	0.8630000000%
VA3	Alexandria City, Virginia	1.1620000000%
VA4	Alleghany County, Virginia	0.2130000000%
VA5	Amelia County, Virginia	0.1000000000%
VA6	Amherst County, Virginia	0.2990000000%
VA7	Appomattox County, Virginia	0.1330000000%
VA8	Arlington County, Virginia	1.3780000000%
VA9	Augusta County, Virginia	0.8350000000%
VA10	Bath County, Virginia	0.0370000000%
VA11	Bedford County, Virginia	0.7770000000%
VA12	Bland County, Virginia	0.1470000000%
VA13	Botetourt County, Virginia	0.3620000000%
VA14	Bristol City, Virginia	0.4340000000%
VA15	Brunswick County, Virginia	0.1070000000%
VA16	Buchanan County, Virginia	0.9290000000%
VA17	Buckingham County, Virginia	0.1270000000%
VA18	Buena Vista City, Virginia	0.0780000000%
VA19	Campbell County, Virginia	0.4560000000%
VA20	Caroline County, Virginia	0.3180000000%
VA21	Carroll County, Virginia	0.4400000000%
VA22	Charles City County, Virginia	0.0730000000%
VA23	Charlotte County, Virginia	0.1380000000%
VA24	Charlottesville City, Virginia	0.4630000000%
VA25	Chesapeake City, Virginia	2.9120000000%
VA26	Chesterfield County, Virginia	4.0880000000%
VA27	Clarke County, Virginia	0.1250000000%
VA28	Colonial Heights City, Virginia	0.2830000000%
VA29	Covington City, Virginia	0.1000000000%
VA30	Craig County, Virginia	0.0700000000%
VA31	Culpeper County, Virginia	0.7900000000%
VA32	Cumberland County, Virginia	0.1000000000%
VA33	Danville City, Virginia	0.6370000000%
VA34	Dickenson County, Virginia	0.9480000000%
VA35	Dinwiddie County, Virginia	0.1960000000%
VA36	Emporia City, Virginia	0.0500000000%
VA37	Essex County, Virginia	0.1010000000%
VA38	Fairfax City, Virginia	0.2690000000%
VA39	Fairfax County, Virginia	8.6720000000%
VA40	Falls Church City, Virginia	0.1020000000%
VA41	Fauquier County, Virginia	1.2100000000%
VA42	Floyd County, Virginia	0.1820000000%
VA43	Fluvanna County, Virginia	0.1940000000%
VA44	Franklin City, Virginia	0.0790000000%
VA45	Franklin County, Virginia	0.9540000000%
VA46	Frederick County, Virginia	1.2770000000%
VA47	Fredericksburg City, Virginia	0.5240000000%
VA48	Galax City, Virginia	0.1390000000%
VA49	Giles County, Virginia	0.4090000000%

VA50	Gloucester County, Virginia	0.4240000000%
VA51	Goochland County, Virginia	0.2250000000%
VA52	Grayson County, Virginia	0.2240000000%
VA53	Greene County, Virginia	0.1780000000%
VA54	Greensville County, Virginia	0.1240000000%
VA55	Halifax County, Virginia	0.3530000000%
VA56	Hampton City, Virginia	1.5380000000%
VA57	Hanover County, Virginia	1.0790000000%
VA58	Harrisonburg City, Virginia	0.5230000000%
VA59	Henrico County, Virginia	4.4730000000%
VA60	Henry County, Virginia	1.2200000000%
VA61	Highland County, Virginia	0.0230000000%
VA62	Hopewell City, Virginia	0.3440000000%
VA63	Isle Of Wight County, Virginia	0.3560000000%
VA64	James City County, Virginia	0.6120000000%
VA65	King And Queen County, Virginia	0.0720000000%
VA66	King George County, Virginia	0.3060000000%
VA67	King William County, Virginia	0.1780000000%
VA68	Lancaster County, Virginia	0.1350000000%
VA69	Lee County, Virginia	0.5560000000%
VA70	Lexington City, Virginia	0.0930000000%
VA71	Loudoun County, Virginia	2.5670000000%
VA72	Louisa County, Virginia	0.4490000000%
VA73	Lunenburg County, Virginia	0.0880000000%
VA74	Lynchburg City, Virginia	0.8160000000%
VA75	Madison County, Virginia	0.1630000000%
VA76	Manassas City, Virginia	0.4520000000%
VA77	Manassas Park City, Virginia	0.0950000000%
VA78	Martinsville City, Virginia	0.4940000000%
VA79	Mathews County, Virginia	0.0880000000%
VA80	Mecklenburg County, Virginia	0.3440000000%
VA81	Middlesex County, Virginia	0.1080000000%
VA82	Montgomery County, Virginia	1.2050000000%
VA83	Nelson County, Virginia	0.1470000000%
VA84	New Kent County, Virginia	0.1560000000%
VA85	Newport News City, Virginia	2.0470000000%
VA86	Norfolk City, Virginia	3.3880000000%
VA87	Northampton County, Virginia	0.1220000000%
VA88	Northumberland County, Virginia	0.1290000000%
VA89	Norton City, Virginia	0.1100000000%
VA90	Nottoway County, Virginia	0.1330000000%
VA91	Orange County, Virginia	0.6380000000%
VA92	Page County, Virginia	0.4100000000%
VA93	Patrick County, Virginia	0.3290000000%
VA94	Petersburg City, Virginia	0.3950000000%
VA95	Pittsylvania County, Virginia	0.7500000000%
VA96	Poquoson City, Virginia	0.1860000000%
VA97	Portsmouth City, Virginia	1.9370000000%
VA98	Powhatan County, Virginia	0.2620000000%

VA99	Prince Edward County, Virginia	0.1900000000%
VA100	Prince George County, Virginia	0.3510000000%
VA101	Prince William County, Virginia	3.5560000000%
VA102	Pulaski County, Virginia	1.0610000000%
VA103	Radford City, Virginia	0.2470000000%
VA104	Rappahannock County, Virginia	0.0910000000%
VA105	Richmond City, Virginia	4.2250000000%
VA106	Richmond County, Virginia	0.0840000000%
VA107	Roanoke City, Virginia	1.8590000000%
VA108	Roanoke County, Virginia	1.4980000000%
VA109	Rockbridge County, Virginia	0.2350000000%
VA110	Rockingham County, Virginia	0.6140000000%
VA111	Russell County, Virginia	1.0640000000%
VA112	Salem City, Virginia	0.7860000000%
VA113	Scott County, Virginia	0.4210000000%
VA114	Shenandoah County, Virginia	0.6600000000%
VA115	Smyth County, Virginia	0.5920000000%
VA116	Southampton County, Virginia	0.1370000000%
VA117	Spotsylvania County, Virginia	1.4170000000%
VA118	Stafford County, Virginia	1.4430000000%
VA119	Staunton City, Virginia	0.4400000000%
VA120	Suffolk City, Virginia	0.7100000000%
VA121	Surry County, Virginia	0.0580000000%
VA122	Sussex County, Virginia	0.0810000000%
VA123	Tazewell County, Virginia	1.6060000000%
VA124	Virginia Beach City, Virginia	4.8590000000%
VA125	Warren County, Virginia	0.7660000000%
VA126	Washington County, Virginia	0.9960000000%
VA127	Waynesboro City, Virginia	0.3630000000%
VA128	Westmoreland County, Virginia	0.2230000000%
VA129	Williamsburg City, Virginia	0.0860000000%
VA130	Winchester City, Virginia	0.6490000000%
VA131	Wise County, Virginia	1.7560000000%
VA132	Wythe County, Virginia	0.6420000000%
VA133	York County, Virginia	0.5610000000%

WA1	Aberdeen City, Washington	0.2491525333%
WA2	Adams County, Washington	0.1638732475%
WA3	Anacortes City, Washington	0.1774962906%
WA4	Arlington City, Washington	0.2620524080%
WA5	Asotin County, Washington	0.4694498386%
WA6	Auburn City, Washington	0.3251297029%
WA7	Bainbridge Island City, Washington	0.1364686014%
WA8	Battle Ground City, Washington	0.1384729857%
WA9	Bellevue City, Washington	1.1300592573%
WA10	Bellingham City, Washington	0.8978614577%
WA11	Benton County, Washington	1.4848831892%
WA12	Bonney Lake City, Washington	0.1190773864%
WA13	Bothell City, Washington	0.4476161304%
WA14	Bremerton City, Washington	0.6193374389%
WA15	Burien City, Washington	0.0270962921%
WA16	Burlington City, Washington	0.1146861661%
WA17	Camas City, Washington	0.2691592724%
WA18	Centralia City, Washington	0.1909990353%
WA19	Chelan County, Washington	0.7434914485%
WA20	Cheney City, Washington	0.1238454349%
WA21	Clallam County, Washington	1.3076983401%
WA22	Clark County, Washington	4.5149775326%
WA23	Columbia County, Washington	0.0561699537%
WA24	Covington City, Washington	0.0118134406%
WA25	Cowlitz County, Washington	1.7226945990%
WA26	Des Moines City, Washington	0.1179764526%
WA27	Douglas County, Washington	0.3932175175%
WA28	East Wenatchee City, Washington	0.0799810865%
WA29	Edgewood City, Washington	0.0048016791%
WA30	Edmonds City, Washington	0.3058936009%
WA31	Ellensburg City, Washington	0.0955824915%
WA32	Enumclaw City, Washington	0.0537768326%
WA33	Everett City, Washington	1.9258363241%
WA34	Federal Way City, Washington	0.3061452240%
WA35	Ferndale City, Washington	0.0646101891%
WA36	Ferry County, Washington	0.1153487994%
WA37	Fife City, Washington	0.1955185481%
WA38	Franklin County, Washington	0.3361237144%
WA39	Garfield County, Washington	0.0321982209%
WA40	Gig Harbor City, Washington	0.0859963345%
WA41	Grandview City, Washington	0.0530606109%
WA42	Grant County, Washington	0.9932572167%
WA43	Grays Harbor County, Washington	0.9992429138%
WA44	Island County, Washington	0.6820422610%
WA45	Issaquah City, Washington	0.1876240107%
WA46	Jefferson County, Washington	0.4417137380%
WA47	Kelso City, Washington	0.1331145270%
WA48	Kenmore City, Washington	0.0204441024%
WA49	Kennewick City, Washington	0.5415650564%

WA50	Kent City, Washington	0.5377397676%
WA51	King County, Washington	13.9743722662%
WA52	Kirkland City, Washington	0.5453525246%
WA53	Kitsap County, Washington	2.6294133668%
WA54	Kittitas County, Washington	0.3855704683%
WA55	Klickitat County, Washington	0.2211673457%
WA56	Lacey City, Washington	0.2348627221%
WA57	Lake Forest Park City, Washington	0.0525439124%
WA58	Lake Stevens City, Washington	0.1385202891%
WA59	Lakewood City, Washington	0.5253640894%
WA60	Lewis County, Washington	1.0777377479%
WA61	Liberty Lake City, Washington	0.0389636519%
WA62	Lincoln County, Washington	0.1712669645%
WA63	Longview City, Washington	0.6162736905%
WA64	Lynden City, Washington	0.0827115612%
WA65	Lynnwood City, Washington	0.7704629214%
WA66	Maple Valley City, Washington	0.0093761587%
WA67	Marysville City, Washington	0.3945067827%
WA68	Mason County, Washington	0.8089918012%
WA69	Mercer Island City, Washington	0.1751797481%
WA70	Mill Creek City, Washington	0.1227939546%
WA71	Monroe City, Washington	0.1771621898%
WA72	Moses Lake City, Washington	0.2078293909%
WA73	Mount Vernon City, Washington	0.2801063665%
WA74	Mountlake Terrace City, Washington	0.2108935805%
WA75	Mukilteo City, Washington	0.2561790702%
WA76	Newcastle City, Washington	0.0033117880%
WA77	Oak Harbor City, Washington	0.2511550431%
WA78	Okanogan County, Washington	0.6145043345%
WA79	Olympia City, Washington	0.6039423385%
WA80	Pacific County, Washington	0.4895416466%
WA81	Pasco City, Washington	0.4278056066%
WA82	Pend Oreille County, Washington	0.2566374940%
WA83	Pierce County, Washington	7.2310164020%
WA84	Port Angeles City, Washington	0.4598370527%
WA85	Port Orchard City, Washington	0.1009497162%
WA86	Poulsbo City, Washington	0.0773748246%
WA87	Pullman City, Washington	0.2214837491%
WA88	Puyallup City, Washington	0.3845704814%
WA89	Redmond City, Washington	0.4839486007%
WA90	Renton City, Washington	0.7652626920%
WA91	Richland City, Washington	0.4756779517%
WA92	Sammamish City, Washington	0.0224369090%
WA93	San Juan County, Washington	0.2101495171%
WA94	Seatac City, Washington	0.1481551278%
WA95	Seattle City, Washington	6.6032403816%
WA96	Sedro-Woolley City, Washington	0.0661146351%
WA97	Shelton City, Washington	0.1239179888%
WA98	Shoreline City, Washington	0.0435834501%

WA99	Skagit County, Washington	1.0526023961%
WA100	Skamania County, Washington	0.1631931925%
WA101	Snohomish City, Washington	0.0861097964%
WA102	Snohomish County, Washington	6.9054415622%
WA103	Snoqualmie City, Washington	0.0649164481%
WA104	Spokane City, Washington	3.0872078287%
WA105	Spokane County, Washington	5.5623859292%
WA106	Spokane Valley City, Washington	0.0684217500%
WA107	Stevens County, Washington	0.7479240179%
WA108	Sumner City, Washington	0.1083157569%
WA109	Sunnyside City, Washington	0.1213478384%
WA110	Tacoma City, Washington	3.2816374617%
WA111	Thurston County, Washington	2.3258492094%
WA112	Tukwila City, Washington	0.3032205739%
WA113	Tumwater City, Washington	0.2065982350%
WA114	University Place City, Washington	0.0353733363%
WA115	Vancouver City, Washington	1.7306605325%
WA116	Wahkiakum County, Washington	0.0596582197%
WA117	Walla Walla City, Washington	0.3140768654%
WA118	Walla Walla County, Washington	0.5543870294%
WA119	Washougal City, Washington	0.1279328220%
WA120	Wenatchee City, Washington	0.2968333494%
WA121	West Richland City, Washington	0.0459360490%
WA122	Whatcom County, Washington	1.3452637306%
WA123	Whitman County, Washington	0.2626805837%
WA124	Woodinville City, Washington	0.0185516364%
WA125	Yakima City, Washington	0.6060410539%
WA126	Yakima County, Washington	1.9388392959%

WI1	Adams County, Wisconsin	0.3539826114%
WI2	Allouez Village, Wisconsin	0.0364065509%
WI3	Appleton City, Wisconsin	0.4114667620%
WI4	Ashland County, Wisconsin	0.2432046157%
WI5	Ashwaubenon Village, Wisconsin	0.1072921122%
WI6	Baraboo City, Wisconsin	0.1003738008%
WI7	Barron County, Wisconsin	0.5168889754%
WI8	Bayfield County, Wisconsin	0.1340780272%
WI9	Beaver Dam City, Wisconsin	0.0944057751%
WI10	Bellevue Village, Wisconsin	0.0229516847%
WI11	Beloit City, Wisconsin	0.3512027602%
WI12	Brookfield City, Wisconsin	0.4764355795%
WI13	Brown County, Wisconsin	2.1876273593%
WI14	Brown Deer Village, Wisconsin	0.1707529831%
WI15	Buffalo County, Wisconsin	0.1363182508%
WI16	Burlington City, Wisconsin	0.0610872500%
WI17	Burnett County, Wisconsin	0.2421334915%
WI18	Caledonia Village, Wisconsin	0.1678125237%
WI19	Calumet County, Wisconsin	0.2999279099%
WI20	Cedarburg City, Wisconsin	0.0587213575%
WI21	Chippewa County, Wisconsin	0.6072501596%
WI22	Chippewa Falls City, Wisconsin	0.1274926861%
WI23	Clark County, Wisconsin	0.2828726816%
WI24	Columbia County, Wisconsin	1.0633436366%
WI25	Crawford County, Wisconsin	0.2112650675%
WI26	Cudahy City, Wisconsin	0.1964932941%
WI27	Dane County, Wisconsin	5.7548120228%
WI28	De Pere City, Wisconsin	0.1071379443%
WI29	Deforest Village, Wisconsin	0.0446194695%
WI30	Dodge County, Wisconsin	1.2449899653%
WI31	Door County, Wisconsin	0.3054080730%
WI32	Douglas County, Wisconsin	0.3997675574%
WI33	Dunn County, Wisconsin	0.3969720077%
WI34	Eau Claire City, Wisconsin	0.5243168859%
WI35	Eau Claire County, Wisconsin	0.7687161212%
WI36	Elkhorn City, Wisconsin	0.0421618814%
WI37	Fitchburg City, Wisconsin	0.1511282642%
WI38	Florence County, Wisconsin	0.0575922694%
WI39	Fond Du Lac City, Wisconsin	0.2676816361%
WI40	Fond Du Lac County, Wisconsin	1.0148434047%
WI41	Forest County, Wisconsin	0.1369374982%
WI42	Fort Atkinson City, Wisconsin	0.0545524663%
WI43	Franklin City, Wisconsin	0.3508530448%
WI44	Germantown Village, Wisconsin	0.1378229770%
WI45	Glendale City, Wisconsin	0.2083465860%
WI46	Grafton Village, Wisconsin	0.0630876480%
WI47	Grand Chute Town, Wisconsin	0.0981532206%
WI48	Grant County, Wisconsin	0.4925137943%
WI49	Green Bay City, Wisconsin	0.6017431882%

WI50	Green County, Wisconsin	0.4453202454%
WI51	Green Lake County, Wisconsin	0.3030758318%
WI52	Greendale Village, Wisconsin	0.1593105907%
WI53	Greenfield City, Wisconsin	0.3698346866%
WI54	Greenville Town, Wisconsin	0.0065174750%
WI55	Harrison Village, Wisconsin	0.0499494900%
WI56	Hartford City, Wisconsin	0.1646219340%
WI57	Hobart Village, Wisconsin	0.0161664488%
WI58	Holmen Village, Wisconsin	0.0200422199%
WI59	Howard Village, Wisconsin	0.0347231027%
WI60	Hudson City, Wisconsin	0.0917895108%
WI61	Iowa County, Wisconsin	0.3016718982%
WI62	Iron County, Wisconsin	0.0664646881%
WI63	Jackson County, Wisconsin	0.2549817495%
WI64	Janesville City, Wisconsin	0.4390034703%
WI65	Jefferson County, Wisconsin	0.9828345413%
WI66	Juneau County, Wisconsin	0.4738086080%
WI67	Kaukauna City, Wisconsin	0.0775435182%
WI68	Kenosha City, Wisconsin	1.0992665916%
WI69	Kenosha County, Wisconsin	2.7422496145%
WI70	Kewaunee County, Wisconsin	0.1687551613%
WI71	La Crosse City, Wisconsin	0.3964917930%
WI72	La Crosse County, Wisconsin	1.2899921574%
WI73	Lafayette County, Wisconsin	0.1453833994%
WI74	Langlade County, Wisconsin	0.3381358495%
WI75	Lincoln County, Wisconsin	0.3782885578%
WI76	Lisbon Town, Waukesha County, Wisconsin	0.0279870555%
WI77	Little Chute Village, Wisconsin	0.0624518969%
WI78	Madison City, Wisconsin	2.5036464454%
WI79	Manitowoc City, Wisconsin	0.3724323541%
WI80	Manitowoc County, Wisconsin	1.0133686264%
WI81	Marathon County, Wisconsin	1.1626658759%
WI82	Marinette City, Wisconsin	0.0726524131%
WI83	Marinette County, Wisconsin	0.4719162483%
WI84	Marquette County, Wisconsin	0.2667411722%
WI85	Marshfield City, Wisconsin	0.1135613891%
WI86	Menasha City, Wisconsin	0.1388231760%
WI87	Menominee County, Wisconsin	0.0863820442%
WI88	Menomonee Falls Village, Wisconsin	0.3634031913%
WI89	Menomonie City, Wisconsin	0.0817211845%
WI90	Mequon City, Wisconsin	0.1095235606%
WI91	Middleton City, Wisconsin	0.1145855787%
WI92	Milwaukee City, Wisconsin	9.1159131069%
WI93	Milwaukee County, Wisconsin	16.4028742863%
WI94	Monroe City, Wisconsin	0.0594074245%
WI95	Monroe County, Wisconsin	0.7090799004%
WI96	Mount Pleasant Village, Wisconsin	0.2651329964%
WI97	Muskego City, Wisconsin	0.1651741204%

WI98	Neenah City, Wisconsin	0.1941360157%
WI99	New Berlin City, Wisconsin	0.3772201708%
WI100	Oak Creek City, Wisconsin	0.3762235945%
WI101	Oconomowoc City, Wisconsin	0.1405908329%
WI102	Oconto County, Wisconsin	0.3635521263%
WI103	Onalaska City, Wisconsin	0.0774998037%
WI104	Oneida County, Wisconsin	0.5696290238%
WI105	Oregon Village, Wisconsin	0.0401542379%
WI106	Oshkosh City, Wisconsin	0.4203192154%
WI107	Outagamie County, Wisconsin	1.3944066849%
WI108	Ozaukee County, Wisconsin	0.8258009651%
WI109	Pepin County, Wisconsin	0.0598605088%
WI110	Pewaukee City, Wisconsin	0.1440703565%
WI111	Pierce County, Wisconsin	0.3481187596%
WI112	Platteville City, Wisconsin	0.0459707525%
WI113	Pleasant Prairie Village, Wisconsin	0.1344307213%
WI114	Plover Village, Wisconsin	0.0446643110%
WI115	Polk County, Wisconsin	0.4931608967%
WI116	Port Washington City, Wisconsin	0.0637185687%
WI117	Portage City, Wisconsin	0.1006063809%
WI118	Portage County, Wisconsin	0.5836747191%
WI119	Price County, Wisconsin	0.1610607779%
WI120	Racine City, Wisconsin	1.0092007012%
WI121	Racine County, Wisconsin	1.9065713624%
WI122	Richfield Village, Wisconsin	0.0186662217%
WI123	Richland County, Wisconsin	0.2356572352%
WI124	River Falls City, Wisconsin	0.0877693936%
WI125	Rock County, Wisconsin	2.3992005209%
WI126	Rusk County, Wisconsin	0.1716256616%
WI127	Salem Lakes Village, Wisconsin	0.0405320497%
WI128	Sauk County, Wisconsin	1.2267818193%
WI129	Sawyer County, Wisconsin	0.2791850516%
WI130	Shawano County, Wisconsin	0.4526477657%
WI131	Sheboygan City, Wisconsin	0.3650322984%
WI132	Sheboygan County, Wisconsin	1.1603077120%
WI133	Shorewood Village, Wisconsin	0.1285372436%
WI134	South Milwaukee City, Wisconsin	0.2175909397%
WI135	St Croix County, Wisconsin	0.7889227331%
WI136	Stevens Point City, Wisconsin	0.1603264883%
WI137	Stoughton City, Wisconsin	0.0636622954%
WI138	Sturtevant Village, Wisconsin	0.0411526658%
WI139	Suamico Village, Wisconsin	0.0245580893%
WI140	Sun Prairie City, Wisconsin	0.1451363284%
WI141	Superior City, Wisconsin	0.1995624012%
WI142	Sussex Village, Wisconsin	0.0294999128%
WI143	Taylor County, Wisconsin	0.1716812103%
WI144	The Village of Fox Crossing Town, Wisconsin	0.0686441301%
WI145	Trempealeau County, Wisconsin	0.3459854472%

WI146	Two Rivers City, Wisconsin	0.1321281061%
WI147	Union Grove Village, Wisconsin	0.0164475736%
WI148	Vernon County, Wisconsin	0.3487603876%
WI149	Verona City, Wisconsin	0.0648935449%
WI150	Vilas County, Wisconsin	0.5066046531%
WI151	Walworth County, Wisconsin	1.6010359299%
WI152	Washburn County, Wisconsin	0.2002270537%
WI153	Washington County, Wisconsin	1.5480789194%
WI154	Watertown City, Wisconsin	0.1250321998%
WI155	Waukesha City, Wisconsin	0.7603151420%
WI156	Waukesha County, Wisconsin	4.0465495927%
WI157	Waunakee Village, Wisconsin	0.0434539124%
WI158	Waupaca County, Wisconsin	0.6558379814%
WI159	Waupun City, Wisconsin	0.0414414386%
WI160	Wausau City, Wisconsin	0.1590274533%
WI161	Waushara County, Wisconsin	0.2497979268%
WI162	Wauwatosa City, Wisconsin	0.7022606912%
WI163	West Allis City, Wisconsin	0.8584898575%
WI164	West Bend City, Wisconsin	0.2859199717%
WI165	Weston Village, Wisconsin	0.0363732217%
WI166	Whitefish Bay Village, Wisconsin	0.1209363270%
WI167	Whitewater City, Wisconsin	0.0747939370%
WI168	Winnebago County, Wisconsin	1.5366593101%
WI169	Wisconsin Rapids City, Wisconsin	0.1121055295%
WI170	Wood County, Wisconsin	0.6892411981%
WI171	Yorkville Town, Wisconsin	0.0046680247%

WY1	Albany County, Wyoming	1.6329876137%
WY2	Big Horn County, Wyoming	3.0324432485%
WY3	Campbell County, Wyoming	4.4393335213%
WY4	Carbon County, Wyoming	3.6968556043%
WY5	Casper City, Wyoming	7.3503611059%
WY6	Cheyenne City, Wyoming	1.2286265328%
WY7	Converse County, Wyoming	1.8962432493%
WY8	Crook County, Wyoming	0.5448669885%
WY9	Evanston City, Wyoming	1.9702405199%
WY10	Fremont County, Wyoming	6.7374838437%
WY11	Gillette City, Wyoming	1.7410635670%
WY12	Goshen County, Wyoming	1.6361202905%
WY13	Green River City, Wyoming	0.6122218672%
WY14	Hot Springs County, Wyoming	0.8557309329%
WY15	Jackson Town, Wyoming	0.5598544963%
WY16	Johnson County, Wyoming	0.9322427236%
WY17	Laramie City, Wyoming	3.4181078811%
WY18	Laramie County, Wyoming	15.5855269922%
WY19	Lincoln County, Wyoming	3.1228011914%
WY20	Natrona County, Wyoming	7.9000169472%
WY21	Niobrara County, Wyoming	0.1540280861%
WY22	Park County, Wyoming	5.7964268009%
WY23	Platte County, Wyoming	1.7507027157%
WY24	Riverton City, Wyoming	1.2744483314%
WY25	Rock Springs City, Wyoming	1.5261479738%
WY26	Sheridan City, Wyoming	0.3405187102%
WY27	Sheridan County, Wyoming	3.9149494912%
WY28	Sublette County, Wyoming	0.7136740477%
WY29	Sweetwater County, Wyoming	7.6391306020%
WY30	Teton County, Wyoming	1.3290900349%
WY31	Uinta County, Wyoming	4.3911508108%
WY32	Washakie County, Wyoming	1.5007597928%
WY33	Weston County, Wyoming	0.7758434851%

EXHIBIT H

Participation Tier Determination[1]

Participation Tier[2]	Number of Settling States as of the Reference Date (or as of the Payment Date, beginning in Payment Year 3)[3]	Percentage of Litigating Subdivisions in Settling States that are Participating Subdivisions and/or Subdivisions Subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution in effect as of the Reference Date (or as of the Payment Date, beginning in Payment Year 3)[4] [5] ("Percentage of Litigating Subdivisions")	Percentage of Primary Subdivisions that are Non-Litigating Subdivisions in Settling States that are Participating Subdivisions and/or Subdivisions Subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution in effect as of the Reference Date (or as of the Payment Date, beginning in Payment Year 3) ("Percentage of Non-Litigating Subdivisions")
1	44 out of 49	95%	90% (Primary Subdivisions only)
2	45 out of 49	96%	96% (Primary Subdivisions only)
3	46 out of 49	97%	97% (Primary Subdivisions only)
4	48 out of 49	98%	97% (Primary Subdivisions only)

[1] For the avoidance of doubt, the determinations that a sufficient number of states have agreed to be Settling States and there has been sufficient resolution of the Claims of the Litigating Subdivisions in the Settling States as described in the preamble, Section II.A and Section VIII.A remain in the sole discretion of the Settling Distributors.

[2] In order to qualify for the relevant tier, the minimum amounts listed in each of the "Number of Settling States," "Percentage of Litigating Subdivisions," and "Percentage of Non-Litigating Primary Subdivisions" columns must be met or surpassed.

[3] For the sole purpose of the Participation Tier determination under this Exhibit H, the States used to calculate each criterion (including the Percentage of Litigating Subdivisions and Percentage of Non-Litigating Subdivisions) will include each of the 50 states in the United States, except West Virginia, for a total of 49 states. For the avoidance of doubt, notwithstanding the definition of "State" in Section I.TTT or Exhibit F, neither Washington, D.C., nor any territory of the United States will be included for purposes of determining the participation tier under this Exhibit H.

[4] School Districts, Health Districts, Hospital Districts, Library Districts and Fire Districts that satisfy the definition of Litigating Subdivision will be included for purposes of determining the Percentage of Litigating Subdivisions. These categories of Special District shall have their population measured as set forth in Section XIV.B. Any other Special Districts that satisfy the definition of Litigating Subdivisions will not be included for purposes of calculating the Participation Tier.

The Percentage of Litigating Subdivisions and Percentage of Non-Litigating Primary Subdivisions will be calculated as follows: each Litigating Subdivision and each Non-Litigating Subdivision in the 49 states used to calculate the Participation Tier will be assigned a metric reflecting both population and severity (the "Population-Severity Metric"). The Population-Severity Metric shall be the Subdivision's population plus the Subdivision's population multiplied by the severity factor for the State of the Subdivision (the severity factors for each State are attached as Exhibit X hereto) and then divided in two, thus giving fifty percent (50%) weight to each of population and population multiplied by the severity factor. The denominator for each Percentage shall be the sum total of the Population-Severity Metric for all the Subdivisions in the relevant category (Litigating Subdivisions or Non-Litigating Primary Subdivisions) in the Settling States, notwithstanding that persons may be included within the population (and therefore the Population-Severity Metric) of more than one Subdivision. The numerator will be the sum total of the Population-Severity Metrics of all Subdivisions in the relevant category of Subdivision (*i.e.*, Litigating Subdivisions or Non-Litigating Subdivisions that are also Primary Subdivisions) in the Settling States that are either Participating Subdivisions or are subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution, notwithstanding that persons may be included within the population of more than one Subdivision. An

individual Litigating Subdivision shall not be included more than once in the numerator, and shall not be included more than once in the denominator, of the calculation regardless if it (or any of its officials) is named as multiple plaintiffs in the same lawsuit; *provided*, *however*, that for the avoidance of doubt, no Litigating Subdivision will be excluded from the numerator or denominator under this sentence unless a Litigating Subdivision otherwise counted in the denominator has the authority to release the Claims (consistent with Section XI) of the Litigating Subdivision to be excluded.

For the avoidance of doubt, Subdivisions in Non-Settling States are excluded from both the denominator and numerator of the calculations for the Percentage of Litigating Subdivisions and Percentage of Non-Litigating Primary Subdivisions.

[5] During the period when the Participation Tier is redetermined annually, Later Participating Subdivisions described in Section VII.E.3 or Section VII.E.4 shall not be included as Participating Subdivisions, and for Subdivisions subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution to be included, the Bar, Case-Specific Resolution, or Settlement Class Resolution must have been in effect both as of the relevant Payment Date and for the entire period since the prior Payment Date.

EXHIBIT I

Primary Subdivisions[16]

1. Alabaster city, Alabama *
2. Auburn city, Alabama *
3. Autauga County, Alabama *
4. Baldwin County, Alabama *
5. Birmingham city, Alabama *
6. Blount County, Alabama *
7. Calhoun County, Alabama *
8. Chambers County, Alabama *
9. Chilton County, Alabama *
10. Coffee County, Alabama *
11. Colbert County, Alabama *
12. Covington County, Alabama *
13. Cullman County, Alabama *
14. Dale County, Alabama *
15. Dallas County, Alabama *
16. Decatur city, Alabama *
17. DeKalb County, Alabama *
18. Dothan city, Alabama *
19. Elmore County, Alabama *
20. Escambia County, Alabama *
21. Etowah County, Alabama *
22. Florence city, Alabama *
23. Franklin County, Alabama *
24. Gadsden city, Alabama *
25. Hoover city, Alabama *
26. Houston County, Alabama *
27. Huntsville city, Alabama *
28. Jackson County, Alabama *
29. Jefferson County, Alabama *
30. Lauderdale County, Alabama *
31. Lawrence County, Alabama *
32. Lee County, Alabama *
33. Limestone County, Alabama *
34. Madison city, Alabama *
35. Madison County, Alabama *
36. Marshall County, Alabama *
37. Mobile city, Alabama *
38. Mobile County, Alabama *
39. Montgomery city, Alabama *
40. Montgomery County, Alabama *
41. Morgan County, Alabama *
42. Opelika city, Alabama *
43. Phenix City city, Alabama *
44. Pike County, Alabama *
45. Prattville city, Alabama *
46. Russell County, Alabama *
47. Shelby County, Alabama *
48. St. Clair County, Alabama *
49. Talladega County, Alabama *
50. Tallapoosa County, Alabama *
51. Tuscaloosa city, Alabama *
52. Tuscaloosa County, Alabama *
53. Vestavia Hills city, Alabama *
54. Walker County, Alabama *
55. Albertville city, Alabama
56. Alexander City city, Alabama
57. Anniston city, Alabama
58. Athens city, Alabama
59. Barbour County, Alabama
60. Bessemer city, Alabama
61. Bibb County, Alabama
62. Bullock County, Alabama
63. Butler County, Alabama
64. Calera city, Alabama
65. Center Point city, Alabama
66. Chelsea city, Alabama
67. Cherokee County, Alabama
68. Choctaw County, Alabama
69. Clarke County, Alabama
70. Clay County, Alabama
71. Cleburne County, Alabama
72. Conecuh County, Alabama
73. Coosa County, Alabama
74. Crenshaw County, Alabama
75. Cullman city, Alabama
76. Daphne city, Alabama
77. Enterprise city, Alabama
78. Eufaula city, Alabama
79. Fairfield city, Alabama
80. Fairhope city, Alabama
81. Fayette County, Alabama
82. Foley city, Alabama
83. Fort Payne city, Alabama
84. Gardendale city, Alabama
85. Geneva County, Alabama
86. Gulf Shores city, Alabama
87. Hale County, Alabama
88. Hartselle city, Alabama
89. Helena city, Alabama
90. Henry County, Alabama
91. Homewood city, Alabama
92. Hueytown city, Alabama
93. Irondale city, Alabama
94. Jacksonville city, Alabama
95. Jasper city, Alabama
96. Lamar County, Alabama
97. Leeds city, Alabama
98. Macon County, Alabama
99. Marengo County, Alabama
100. Marion County, Alabama
101. Millbrook city, Alabama
102. Monroe County, Alabama
103. Moody city, Alabama
104. Mountain Brook city, Alabama
105. Muscle Shoals city, Alabama
106. Northport city, Alabama
107. Oxford city, Alabama
108. Ozark city, Alabama
109. Pelham city, Alabama
110. Pell City city, Alabama
111. Pickens County, Alabama
112. Pike Road town, Alabama
113. Prichard city, Alabama
114. Randolph County, Alabama
115. Saraland city, Alabama
116. Scottsboro city, Alabama
117. Selma city, Alabama
118. Sumter County, Alabama
119. Sylacauga city, Alabama
120. Talladega city, Alabama
121. Troy city, Alabama
122. Trussville city, Alabama
123. Washington County, Alabama
124. Wilcox County, Alabama
125. Winston County, Alabama
126. Anchorage municipality, Alaska *
127. Fairbanks city, Alaska *
128. Fairbanks North Star Borough, Alaska *
129. Juneau city and borough, Alaska *
130. Kenai Peninsula Borough, Alaska *

[16] Entities denoted with an asterisk (*) indicate a population of greater than 30,000 for purposes of the definition of Primary Subdivision as it relates to Incentive Payment C.

131. Matanuska-Susitna Borough, Alaska *
132. Ketchikan Gateway Borough, Alaska
133. Kodiak Island Borough, Alaska
134. Wasilla city, Alaska
135. Apache County, Arizona *
136. Apache Junction city, Arizona *
137. Avondale city, Arizona *
138. Buckeye city, Arizona *
139. Bullhead City city, Arizona *
140. Casa Grande city, Arizona *
141. Chandler city, Arizona *
142. Cochise County, Arizona *
143. Coconino County, Arizona *
144. El Mirage city, Arizona *
145. Flagstaff city, Arizona *
146. Gila County, Arizona *
147. Gilbert town, Arizona *
148. Glendale city, Arizona *
149. Goodyear city, Arizona *
150. Graham County, Arizona *
151. Kingman city, Arizona *
152. Lake Havasu City city, Arizona *
153. Marana town, Arizona *
154. Maricopa city, Arizona *
155. Maricopa County, Arizona *
156. Mesa city, Arizona *
157. Mohave County, Arizona *
158. Navajo County, Arizona *
159. Oro Valley town, Arizona *
160. Peoria city, Arizona *
161. Phoenix city, Arizona *
162. Pima County, Arizona *
163. Pinal County, Arizona *
164. Prescott city, Arizona *
165. Prescott Valley town, Arizona *
166. Queen Creek town, Arizona *
167. Sahuarita town, Arizona *
168. San Luis city, Arizona *
169. Santa Cruz County, Arizona *
170. Scottsdale city, Arizona *
171. Sierra Vista city, Arizona *
172. Surprise city, Arizona *
173. Tempe city, Arizona *
174. Tucson city, Arizona *
175. Yavapai County, Arizona *
176. Yuma city, Arizona *
177. Yuma County, Arizona *
178. Camp Verde town, Arizona
179. Chino Valley town, Arizona
180. Coolidge city, Arizona
181. Cottonwood city, Arizona
182. Douglas city, Arizona
183. Eloy city, Arizona
184. Florence town, Arizona
185. Fountain Hills town, Arizona
186. La Paz County, Arizona
187. Nogales city, Arizona
188. Paradise Valley town, Arizona
189. Payson town, Arizona
190. Sedona city, Arizona
191. Show Low city, Arizona
192. Somerton city, Arizona
193. Baxter County, Arkansas *
194. Benton city, Arkansas *
195. Benton County, Arkansas *
196. Bentonville city, Arkansas *
197. Boone County, Arkansas *
198. Conway city, Arkansas *
199. Craighead County, Arkansas *
200. Crawford County, Arkansas *
201. Crittenden County, Arkansas *
202. Faulkner County, Arkansas *
203. Fayetteville city, Arkansas *
204. Fort Smith city, Arkansas *
205. Garland County, Arkansas *
206. Greene County, Arkansas *
207. Hot Spring County, Arkansas *
208. Hot Springs city, Arkansas *
209. Independence County, Arkansas *
210. Jefferson County, Arkansas *
211. Jonesboro city, Arkansas *
212. Little Rock city, Arkansas *
213. Lonoke County, Arkansas *
214. Miller County, Arkansas *
215. Mississippi County, Arkansas *
216. North Little Rock city, Arkansas *
217. Pine Bluff city, Arkansas *
218. Pope County, Arkansas *
219. Pulaski County, Arkansas *
220. Rogers city, Arkansas *
221. Saline County, Arkansas *
222. Sebastian County, Arkansas *
223. Sherwood city, Arkansas *
224. Springdale city, Arkansas *
225. Union County, Arkansas *
226. Washington County, Arkansas *
227. White County, Arkansas *
228. Arkadelphia city, Arkansas
229. Arkansas County, Arkansas
230. Ashley County, Arkansas
231. Batesville city, Arkansas
232. Bella Vista city, Arkansas
233. Blytheville city, Arkansas
234. Bradley County, Arkansas
235. Bryant city, Arkansas
236. Cabot city, Arkansas
237. Camden city, Arkansas
238. Carroll County, Arkansas
239. Centerton city, Arkansas
240. Chicot County, Arkansas
241. Clark County, Arkansas
242. Clay County, Arkansas
243. Cleburne County, Arkansas
244. Columbia County, Arkansas
245. Conway County, Arkansas
246. Cross County, Arkansas
247. Desha County, Arkansas
248. Drew County, Arkansas
249. El Dorado city, Arkansas
250. Forrest City city, Arkansas
251. Franklin County, Arkansas
252. Fulton County, Arkansas
253. Grant County, Arkansas
254. Harrison city, Arkansas
255. Helena-West Helena city, Arkansas
256. Hempstead County, Arkansas
257. Howard County, Arkansas
258. Izard County, Arkansas
259. Jackson County, Arkansas
260. Jacksonville city, Arkansas
261. Johnson County, Arkansas
262. Lawrence County, Arkansas
263. Lincoln County, Arkansas
264. Little River County, Arkansas
265. Logan County, Arkansas
266. Madison County, Arkansas
267. Magnolia city, Arkansas
268. Malvern city, Arkansas
269. Marion city, Arkansas
270. Marion County, Arkansas
271. Maumelle city, Arkansas
272. Mountain Home city, Arkansas
273. Ouachita County, Arkansas
274. Paragould city, Arkansas
275. Perry County, Arkansas
276. Phillips County, Arkansas
277. Pike County, Arkansas
278. Poinsett County, Arkansas
279. Polk County, Arkansas
280. Randolph County, Arkansas
281. Russellville city, Arkansas
282. Scott County, Arkansas

283. Searcy city, Arkansas
284. Sevier County, Arkansas
285. Sharp County, Arkansas
286. Siloam Springs city, Arkansas
287. St. Francis County, Arkansas
288. Stone County, Arkansas
289. Texarkana city, Arkansas
290. Van Buren city, Arkansas
291. Van Buren County, Arkansas
292. West Memphis city, Arkansas
293. Yell County, Arkansas
294. Adelanto city, California *
295. Alameda city, California *
296. Alameda County, California *
297. Alhambra city, California *
298. Aliso Viejo city, California *
299. Amador County, California *
300. Anaheim city, California *
301. Antioch city, California *
302. Apple Valley town, California *
303. Arcadia city, California *
304. Atascadero city, California *
305. Azusa city, California *
306. Bakersfield city, California *
307. Baldwin Park city, California *
308. Banning city, California *
309. Beaumont city, California *
310. Bell city, California *
311. Bell Gardens city, California *
312. Bellflower city, California *
313. Berkeley city, California *
314. Beverly Hills city, California *
315. Brea city, California *
316. Brentwood city, California *
317. Buena Park city, California *
318. Burbank city, California *
319. Burlingame city, California *
320. Butte County, California *
321. Calaveras County, California *
322. Calexico city, California *
323. Camarillo city, California *
324. Campbell city, California *
325. Carlsbad city, California *
326. Carson city, California *
327. Cathedral City city, California *
328. Ceres city, California *
329. Cerritos city, California *
330. Chico city, California *
331. Chino city, California *
332. Chino Hills city, California *
333. Chula Vista city, California *
334. Citrus Heights city, California *
335. Claremont city, California *
336. Clovis city, California *
337. Coachella city, California *
338. Colton city, California *
339. Compton city, California *
340. Concord city, California *
341. Contra Costa County, California *
342. Corona city, California *
343. Costa Mesa city, California *
344. Covina city, California *
345. Culver City city, California *
346. Cupertino city, California *
347. Cypress city, California *
348. Daly City city, California *
349. Dana Point city, California *
350. Danville town, California *
351. Davis city, California *
352. Delano city, California *
353. Diamond Bar city, California *
354. Downey city, California *
355. Dublin city, California *
356. Eastvale city, California *
357. El Cajon city, California *
358. El Centro city, California *
359. El Dorado County, California *
360. El Monte city, California *
361. El Paso de Robles (Paso Robles) city, California *
362. Elk Grove city, California *
363. Encinitas city, California *
364. Escondido city, California *
365. Fairfield city, California *
366. Folsom city, California *
367. Fontana city, California *
368. Foster City city, California *
369. Fountain Valley city, California *
370. Fremont city, California *
371. Fresno city, California *
372. Fresno County, California *
373. Fullerton city, California *
374. Garden Grove city, California *
375. Gardena city, California *
376. Gilroy city, California *
377. Glendale city, California *
378. Glendora city, California *
379. Goleta city, California *
380. Hanford city, California *
381. Hawthorne city, California *
382. Hayward city, California *
383. Hemet city, California *
384. Hesperia city, California *
385. Highland city, California *
386. Hollister city, California *
387. Humboldt County, California *
388. Huntington Beach city, California *
389. Huntington Park city, California *
390. Imperial County, California *
391. Indio city, California *
392. Inglewood city, California *
393. Irvine city, California *
394. Jurupa Valley city, California *
395. Kern County, California *
396. Kings County, California *
397. La Habra city, California *
398. La Mesa city, California *
399. La Mirada city, California *
400. La Puente city, California *
401. La Quinta city, California *
402. La Verne city, California *
403. Laguna Hills city, California *
404. Laguna Niguel city, California *
405. Lake County, California *
406. Lake Elsinore city, California *
407. Lake Forest city, California *
408. Lakewood city, California *
409. Lancaster city, California *
410. Lassen County, California *
411. Lawndale city, California *
412. Lincoln city, California *
413. Livermore city, California *
414. Lodi city, California *
415. Lompoc city, California *
416. Long Beach city, California *
417. Los Altos city, California *
418. Los Angeles city, California *
419. Los Angeles County, California *
420. Los Banos city, California *
421. Los Gatos town, California *
422. Lynwood city, California *
423. Madera city, California *
424. Madera County, California *
425. Manhattan Beach city, California *
426. Manteca city, California *
427. Marin County, California *
428. Martinez city, California *

429. Mendocino County, California *
430. Menifee city, California *
431. Menlo Park city, California *
432. Merced city, California *
433. Merced County, California *
434. Milpitas city, California *
435. Mission Viejo city, California *
436. Modesto city, California *
437. Monrovia city, California *
438. Montclair city, California *
439. Montebello city, California *
440. Monterey County, California *
441. Monterey Park city, California *
442. Moorpark city, California *
443. Moreno Valley city, California *
444. Morgan Hill city, California *
445. Mountain View city, California *
446. Murrieta city, California *
447. Napa city, California *
448. Napa County, California *
449. National City city, California *
450. Nevada County, California *
451. Newark city, California *
452. Newport Beach city, California *
453. Norwalk city, California *
454. Novato city, California *
455. Oakland city, California *
456. Oakley city, California *
457. Oceanside city, California *
458. Ontario city, California *
459. Orange city, California *
460. Orange County, California *
461. Oxnard city, California *
462. Pacifica city, California *
463. Palm Desert city, California *
464. Palm Springs city, California *
465. Palmdale city, California *
466. Palo Alto city, California *
467. Paramount city, California *
468. Pasadena city, California *
469. Perris city, California *
470. Petaluma city, California *
471. Pico Rivera city, California *
472. Pittsburg city, California *
473. Placentia city, California *
474. Placer County, California *
475. Pleasant Hill city, California *
476. Pleasanton city, California *
477. Pomona city, California *
478. Porterville city, California *
479. Poway city, California *
480. Rancho Cordova city, California *
481. Rancho Cucamonga city, California *
482. Rancho Palos Verdes city, California *
483. Rancho Santa Margarita city, California *
484. Redding city, California *
485. Redlands city, California *
486. Redondo Beach city, California *
487. Redwood City city, California *
488. Rialto city, California *
489. Richmond city, California *
490. Riverside city, California *
491. Riverside County, California *
492. Rocklin city, California *
493. Rohnert Park city, California *
494. Rosemead city, California *
495. Roseville city, California *
496. Sacramento city, California *
497. Sacramento County, California *
498. Salinas city, California *
499. San Benito County, California *
500. San Bernardino city, California *
501. San Bernardino County, California *
502. San Bruno city, California *
503. San Buenaventura (Ventura) city, California *
504. San Carlos city, California *
505. San Clemente city, California *
506. San Diego city, California *
507. San Diego County, California *
508. San Dimas city, California *
509. San Francisco city / San Francisco County, California *
510. San Gabriel city, California *
511. San Jacinto city, California *
512. San Joaquin County, California *
513. San Jose city, California *
514. San Juan Capistrano city, California *
515. San Leandro city, California *
516. San Luis Obispo city, California *
517. San Luis Obispo County, California *
518. San Marcos city, California *
519. San Mateo city, California *
520. San Mateo County, California *
521. San Pablo city, California *
522. San Rafael city, California *
523. San Ramon city, California *
524. Santa Ana city, California *
525. Santa Barbara city, California *
526. Santa Barbara County, California *
527. Santa Clara city, California *
528. Santa Clara County, California *
529. Santa Clarita city, California *
530. Santa Cruz city, California *
531. Santa Cruz County, California *
532. Santa Maria city, California *
533. Santa Monica city, California *
534. Santa Rosa city, California *
535. Santee city, California *
536. Saratoga city, California *
537. Seaside city, California *
538. Shasta County, California *
539. Simi Valley city, California *
540. Siskiyou County, California *
541. Solano County, California *
542. Sonoma County, California *
543. South Gate city, California *
544. South San Francisco city, California *
545. Stanislaus County, California *
546. Stanton city, California *
547. Stockton city, California *
548. Sunnyvale city, California *
549. Sutter County, California *
550. Tehama County, California *
551. Temecula city, California *
552. Temple City city, California *
553. Thousand Oaks city, California *
554. Torrance city, California *
555. Tracy city, California *
556. Tulare city, California *
557. Tulare County, California *
558. Tuolumne County, California *

559. Turlock city, California *
560. Tustin city, California *
561. Union City city, California *
562. Upland city, California *
563. Vacaville city, California *
564. Vallejo city, California *
565. Ventura County, California *
566. Victorville city, California *
567. Visalia city, California *
568. Vista city, California *
569. Walnut Creek city, California *
570. Watsonville city, California *
571. West Covina city, California *
572. West Hollywood city, California *
573. West Sacramento city, California *
574. Westminster city, California *
575. Whittier city, California *
576. Wildomar city, California *
577. Woodland city, California *
578. Yolo County, California *
579. Yorba Linda city, California *
580. Yuba City city, California *
581. Yuba County, California *
582. Yucaipa city, California *
583. Agoura Hills city, California
584. Albany city, California
585. American Canyon city, California
586. Anderson city, California
587. Arcata city, California
588. Arroyo Grande city, California
589. Artesia city, California
590. Arvin city, California
591. Atwater city, California
592. Auburn city, California
593. Avenal city, California
594. Barstow city, California
595. Belmont city, California
596. Benicia city, California
597. Blythe city, California
598. Brawley city, California
599. Calabasas city, California
600. California City city, California
601. Canyon Lake city, California
602. Capitola city, California
603. Carpinteria city, California
604. Chowchilla city, California
605. Clayton city, California
606. Clearlake city, California
607. Coalinga city, California
608. Colusa County, California
609. Commerce city, California
610. Corcoran city, California
611. Coronado city, California
612. Cudahy city, California
613. Del Norte County, California
614. Desert Hot Springs city, California
615. Dinuba city, California
616. Dixon city, California
617. Duarte city, California
618. East Palo Alto city, California
619. El Cerrito city, California
620. El Segundo city, California
621. Emeryville city, California
622. Eureka city, California
623. Exeter city, California
624. Farmersville city, California
625. Fillmore city, California
626. Fortuna city, California
627. Galt city, California
628. Glenn County, California
629. Grand Terrace city, California
630. Grass Valley city, California
631. Greenfield city, California
632. Grover Beach city, California
633. Half Moon Bay city, California
634. Hawaiian Gardens city, California
635. Healdsburg city, California
636. Hercules city, California
637. Hermosa Beach city, California
638. Hillsborough town, California
639. Imperial Beach city, California
640. Imperial city, California
641. Inyo County, California
642. Kerman city, California
643. King City city, California
644. Kingsburg city, California
645. La Cañada Flintridge city, California
646. La Palma city, California
647. Lafayette city, California
648. Laguna Beach city, California
649. Laguna Woods city, California
650. Larkspur city, California
651. Lathrop city, California
652. Lemon Grove city, California
653. Lemoore city, California
654. Lindsay city, California
655. Livingston city, California
656. Loma Linda city, California
657. Lomita city, California
658. Los Alamitos city, California
659. Malibu city, California
660. Marina city, California
661. Mariposa County, California
662. Marysville city, California
663. Maywood city, California
664. McFarland city, California
665. Mendota city, California
666. Mill Valley city, California
667. Millbrae city, California
668. Mono County, California
669. Monterey city, California
670. Moraga town, California
671. Morro Bay city, California
672. Newman city, California
673. Norco city, California
674. Oakdale city, California
675. Orange Cove city, California
676. Orinda city, California
677. Oroville city, California
678. Pacific Grove city, California
679. Palos Verdes Estates city, California
680. Parlier city, California
681. Patterson city, California
682. Piedmont city, California
683. Pinole city, California
684. Placerville city, California
685. Plumas County, California
686. Port Hueneme city, California
687. Rancho Mirage city, California
688. Red Bluff city, California
689. Reedley city, California
690. Ridgecrest city, California
691. Ripon city, California
692. Riverbank city, California
693. San Anselmo town, California
694. San Fernando city, California
695. San Marino city, California
696. Sanger city, California
697. Santa Fe Springs city, California
698. Santa Paula city, California
699. Scotts Valley city, California
700. Seal Beach city, California
701. Selma city, California
702. Shafter city, California
703. Shasta Lake city, California
704. Sierra Madre city, California
705. Signal Hill city, California
706. Solana Beach city, California
707. Soledad city, California
708. Sonoma city, California
709. South El Monte city, California

710. South Lake Tahoe city, California
711. South Pasadena city, California
712. Suisun City city, California
713. Susanville city, California
714. Tehachapi city, California
715. Trinity County, California
716. Truckee town, California
717. Twentynine Palms city, California
718. Ukiah city, California
719. Walnut city, California
720. Wasco city, California
721. Windsor town, California
722. Yucca Valley town, California
723. Adams County, Colorado *
724. Arapahoe County, Colorado *
725. Arvada city, Colorado *
726. Aurora city, Colorado *
727. Boulder city, Colorado *
728. Boulder County, Colorado *
729. Brighton city, Colorado *
730. Broomfield city / Broomfield County, Colorado *
731. Castle Rock town, Colorado *
732. Centennial city, Colorado *
733. Colorado Springs city, Colorado *
734. Commerce City city, Colorado *
735. Delta County, Colorado *
736. Denver city / Denver County, Colorado *
737. Douglas County, Colorado *
738. Eagle County, Colorado *
739. El Paso County, Colorado *
740. Englewood city, Colorado *
741. Fort Collins city, Colorado *
742. Fountain city, Colorado *
743. Fremont County, Colorado *
744. Garfield County, Colorado *
745. Grand Junction city, Colorado *
746. Greeley city, Colorado *
747. Jefferson County, Colorado *
748. La Plata County, Colorado *
749. Lafayette city, Colorado *
750. Lakewood city, Colorado *
751. Larimer County, Colorado *
752. Littleton city, Colorado *
753. Longmont city, Colorado *
754. Loveland city, Colorado *
755. Mesa County, Colorado *
756. Montrose County, Colorado *
757. Northglenn city, Colorado *
758. Parker town, Colorado *
759. Pueblo city, Colorado *
760. Pueblo County, Colorado *
761. Summit County, Colorado *
762. Thornton city, Colorado *
763. Weld County, Colorado *
764. Westminster city, Colorado *
765. Wheat Ridge city, Colorado *
766. Windsor town, Colorado *
767. Alamosa County, Colorado
768. Archuleta County, Colorado
769. Cañon City city, Colorado
770. Castle Pines city, Colorado
771. Chaffee County, Colorado
772. Durango city, Colorado
773. Elbert County, Colorado
774. Erie town, Colorado
775. Evans city, Colorado
776. Federal Heights city, Colorado
777. Firestone town, Colorado
778. Fort Morgan city, Colorado
779. Frederick town, Colorado
780. Fruita city, Colorado
781. Golden city, Colorado
782. Grand County, Colorado
783. Greenwood Village city, Colorado
784. Gunnison County, Colorado
785. Johnstown town, Colorado
786. Las Animas County, Colorado
787. Logan County, Colorado
788. Lone Tree city, Colorado
789. Louisville city, Colorado
790. Moffat County, Colorado
791. Montezuma County, Colorado
792. Montrose city, Colorado
793. Morgan County, Colorado
794. Otero County, Colorado
795. Park County, Colorado
796. Pitkin County, Colorado
797. Prowers County, Colorado
798. Rio Grande County, Colorado
799. Routt County, Colorado
800. Steamboat Springs city, Colorado
801. Sterling city, Colorado
802. Superior town, Colorado
803. Teller County, Colorado
804. Wellington town, Colorado
805. Yuma County, Colorado
806. Bridgeport town / Bridgeport city, Connecticut *
807. Bristol city / Bristol town, Connecticut *
808. Danbury city / Danbury town, Connecticut *
809. East Hartford town, Connecticut *
810. Enfield town, Connecticut *
811. Fairfield town, Connecticut *
812. Glastonbury town, Connecticut *
813. Greenwich town, Connecticut *
814. Groton town, Connecticut *
815. Hamden town, Connecticut *
816. Hartford city / Hartford town, Connecticut *
817. Manchester town, Connecticut *
818. Meriden city / Meriden town, Connecticut *
819. Middletown city / Middletown town, Connecticut *
820. Milford city, Connecticut *
821. Milford town, Connecticut *
822. Naugatuck borough / Naugatuck town, Connecticut *
823. New Britain town / New Britain city, Connecticut *
824. New Haven town / New Haven city, Connecticut *
825. Newington town, Connecticut *
826. Norwalk city / Norwalk town, Connecticut *
827. Norwich city / Norwich town, Connecticut *
828. Shelton city / Shelton town, Connecticut *
829. Southington town, Connecticut *
830. Stamford city / Stamford town, Connecticut *
831. Stratford town, Connecticut *
832. Torrington city / Torrington town, Connecticut *
833. Trumbull town, Connecticut *
834. Wallingford town, Connecticut *
835. Waterbury city / Waterbury town, Connecticut *
836. West Hartford town, Connecticut *
837. West Haven city / West Haven town, Connecticut *
838. Ansonia town / Ansonia city, Connecticut

839. Avon town, Connecticut
840. Berlin town, Connecticut
841. Bethel town, Connecticut
842. Bloomfield town, Connecticut
843. Branford town, Connecticut
844. Brookfield town, Connecticut
845. Canton town, Connecticut
846. Cheshire town, Connecticut
847. Clinton town, Connecticut
848. Colchester town, Connecticut
849. Coventry town, Connecticut
850. Cromwell town, Connecticut
851. Darien town, Connecticut
852. Derby city / Derby town, Connecticut
853. East Hampton town, Connecticut
854. East Haven town, Connecticut
855. East Lyme town, Connecticut
856. East Windsor town, Connecticut
857. Ellington town, Connecticut
858. Farmington town, Connecticut
859. Granby town, Connecticut
860. Griswold town, Connecticut
861. Guilford town, Connecticut
862. Killingly town, Connecticut
863. Ledyard town, Connecticut
864. Madison town, Connecticut
865. Mansfield town, Connecticut
866. Monroe town, Connecticut
867. Montville town, Connecticut
868. New Canaan town, Connecticut
869. New Fairfield town, Connecticut
870. New London city / New London town, Connecticut
871. New Milford town, Connecticut
872. Newtown town, Connecticut
873. North Branford town, Connecticut
874. North Haven town, Connecticut
875. Old Saybrook town, Connecticut
876. Orange town, Connecticut
877. Oxford town, Connecticut
878. Plainfield town, Connecticut
879. Plainville town, Connecticut
880. Plymouth town, Connecticut
881. Ridgefield town, Connecticut
882. Rocky Hill town, Connecticut
883. Seymour town, Connecticut
884. Simsbury town, Connecticut
885. Somers town, Connecticut
886. South Windsor town, Connecticut
887. Southbury town, Connecticut
888. Stafford town, Connecticut
889. Stonington town, Connecticut
890. Suffield town, Connecticut
891. Tolland town, Connecticut
892. Vernon town, Connecticut
893. Waterford town, Connecticut
894. Watertown town, Connecticut
895. Weston town, Connecticut
896. Westport town, Connecticut
897. Wethersfield town, Connecticut
898. Wilton town, Connecticut
899. Winchester town, Connecticut
900. Windham town, Connecticut
901. Windsor Locks town, Connecticut
902. Windsor town, Connecticut
903. Wolcott town, Connecticut
904. Dover city, Delaware *
905. Kent County, Delaware *
906. New Castle County, Delaware *
907. Newark city, Delaware *
908. Sussex County, Delaware *
909. Wilmington city, Delaware *
910. Middletown town, Delaware
911. Milford city, Delaware
912. Smyrna town, Delaware
913. Alachua County, Florida *
914. Altamonte Springs city, Florida *
915. Apopka city, Florida *
916. Aventura city, Florida *
917. Bay County, Florida *
918. Boca Raton city, Florida *
919. Bonita Springs city, Florida *
920. Boynton Beach city, Florida *
921. Bradenton city, Florida *
922. Brevard County, Florida *
923. Broward County, Florida *
924. Cape Coral city, Florida *
925. Charlotte County, Florida *
926. Citrus County, Florida *
927. Clay County, Florida *
928. Clearwater city, Florida *
929. Clermont city, Florida *
930. Coconut Creek city, Florida *
931. Collier County, Florida *
932. Columbia County, Florida *
933. Cooper City city, Florida *
934. Coral Gables city, Florida *
935. Coral Springs city, Florida *
936. Cutler Bay town, Florida *
937. Dania Beach city, Florida *
938. Davie town, Florida *
939. Daytona Beach city, Florida *
940. Deerfield Beach city, Florida *
941. DeLand city, Florida *
942. Delray Beach city, Florida *
943. Deltona city, Florida *
944. DeSoto County, Florida *
945. Doral city, Florida *
946. Dunedin city, Florida *
947. Duval County / Jacksonville city, Florida *
948. Escambia County, Florida *
949. Estero village, Florida *
950. Flagler County, Florida *
951. Fort Lauderdale city, Florida *
952. Fort Myers city, Florida *
953. Fort Pierce city, Florida *
954. Gadsden County, Florida *
955. Gainesville city, Florida *
956. Greenacres city, Florida *
957. Hallandale Beach city, Florida *
958. Hendry County, Florida *
959. Hernando County, Florida *
960. Hialeah city, Florida *
961. Highlands County, Florida *
962. Hillsborough County, Florida *
963. Hollywood city, Florida *
964. Homestead city, Florida *
965. Indian River County, Florida *
966. Jackson County, Florida *
967. Jupiter town, Florida *
968. Kissimmee city, Florida *
969. Lake County, Florida *
970. Lake Worth city, Florida *
971. Lakeland city, Florida *
972. Largo city, Florida *
973. Lauderdale Lakes city, Florida *
974. Lauderhill city, Florida *
975. Lee County, Florida *
976. Leon County, Florida *
977. Levy County, Florida *
978. Manatee County, Florida *
979. Margate city, Florida *
980. Marion County, Florida *
981. Martin County, Florida *
982. Melbourne city, Florida *
983. Miami Beach city, Florida *
984. Miami city, Florida *

985. Miami Gardens city, Florida *
986. Miami Lakes town, Florida *
987. Miami-Dade County, Florida *
988. Miramar city, Florida *
989. Monroe County, Florida *
990. Nassau County, Florida *
991. North Lauderdale city, Florida *
992. North Miami Beach city, Florida *
993. North Miami city, Florida *
994. North Port city, Florida *
995. Oakland Park city, Florida *
996. Ocala city, Florida *
997. Ocoee city, Florida *
998. Okaloosa County, Florida *
999. Okeechobee County, Florida *
1000. Orange County, Florida *
1001. Orlando city, Florida *
1002. Ormond Beach city, Florida *
1003. Osceola County, Florida *
1004. Oviedo city, Florida *
1005. Palm Bay city, Florida *
1006. Palm Beach County, Florida *
1007. Palm Beach Gardens city, Florida *
1008. Palm Coast city, Florida *
1009. Panama City city, Florida *
1010. Parkland city, Florida *
1011. Pasco County, Florida *
1012. Pembroke Pines city, Florida *
1013. Pensacola city, Florida *
1014. Pinellas County, Florida *
1015. Pinellas Park city, Florida *
1016. Plant City city, Florida *
1017. Plantation city, Florida *
1018. Polk County, Florida *
1019. Pompano Beach city, Florida *
1020. Port Orange city, Florida *
1021. Port St. Lucie city, Florida *
1022. Putnam County, Florida *
1023. Riviera Beach city, Florida *
1024. Royal Palm Beach village, Florida *
1025. Sanford city, Florida *
1026. Santa Rosa County, Florida *
1027. Sarasota city, Florida *
1028. Sarasota County, Florida *
1029. Seminole County, Florida *
1030. St. Cloud city, Florida *
1031. St. Johns County, Florida *
1032. St. Lucie County, Florida *
1033. St. Petersburg city, Florida *
1034. Sumter County, Florida *
1035. Sunrise city, Florida *
1036. Suwannee County, Florida *
1037. Tallahassee city, Florida *
1038. Tamarac city, Florida *
1039. Tampa city, Florida *
1040. Titusville city, Florida *
1041. Volusia County, Florida *
1042. Wakulla County, Florida *
1043. Walton County, Florida *
1044. Wellington village, Florida *
1045. West Palm Beach city, Florida *
1046. Weston city, Florida *
1047. Winter Garden city, Florida *
1048. Winter Haven city, Florida *
1049. Winter Park city, Florida *
1050. Winter Springs city, Florida *
1051. Atlantic Beach city, Florida
1052. Auburndale city, Florida
1053. Avon Park city, Florida
1054. Baker County, Florida
1055. Bartow city, Florida
1056. Belle Glade city, Florida
1057. Bradford County, Florida
1058. Calhoun County, Florida
1059. Callaway city, Florida
1060. Cape Canaveral city, Florida
1061. Casselberry city, Florida
1062. Cocoa Beach city, Florida
1063. Cocoa city, Florida
1064. Crestview city, Florida
1065. DeBary city, Florida
1066. Destin city, Florida
1067. Dixie County, Florida
1068. Edgewater city, Florida
1069. Eustis city, Florida
1070. Fernandina Beach city, Florida
1071. Florida City city, Florida
1072. Fort Walton Beach city, Florida
1073. Franklin County, Florida
1074. Fruitland Park city, Florida
1075. Gilchrist County, Florida
1076. Glades County, Florida
1077. Groveland city, Florida
1078. Gulf County, Florida
1079. Gulfport city, Florida
1080. Haines City city, Florida
1081. Hamilton County, Florida
1082. Hardee County, Florida
1083. Hialeah Gardens city, Florida
1084. Holly Hill city, Florida
1085. Holmes County, Florida
1086. Jacksonville Beach city, Florida
1087. Jefferson County, Florida
1088. Key Biscayne village, Florida
1089. Key West city, Florida
1090. Lady Lake town, Florida
1091. Lake City city, Florida
1092. Lake Mary city, Florida
1093. Lake Wales city, Florida
1094. Lantana town, Florida
1095. Leesburg city, Florida
1096. Lighthouse Point city, Florida
1097. Longwood city, Florida
1098. Lynn Haven city, Florida
1099. Madison County, Florida
1100. Maitland city, Florida
1101. Marco Island city, Florida
1102. Miami Shores village, Florida
1103. Miami Springs city, Florida
1104. Milton city, Florida
1105. Minneola city, Florida
1106. Mount Dora city, Florida
1107. Naples city, Florida
1108. New Port Richey city, Florida
1109. New Smyrna Beach city, Florida
1110. Niceville city, Florida
1111. North Palm Beach village, Florida
1112. Oldsmar city, Florida
1113. Opa-locka city, Florida
1114. Orange City city, Florida
1115. Palatka city, Florida
1116. Palm Springs village, Florida
1117. Palmetto Bay village, Florida
1118. Palmetto city, Florida
1119. Panama City Beach city, Florida
1120. Pinecrest village, Florida
1121. Punta Gorda city, Florida
1122. Rockledge city, Florida
1123. Safety Harbor city, Florida
1124. Satellite Beach city, Florida
1125. Sebastian city, Florida
1126. Sebring city, Florida
1127. Seminole city, Florida
1128. South Daytona city, Florida
1129. South Miami city, Florida
1130. St. Augustine city, Florida
1131. Stuart city, Florida
1132. Sunny Isles Beach city, Florida
1133. Sweetwater city, Florida
1134. Tarpon Springs city, Florida
1135. Tavares city, Florida
1136. Taylor County, Florida
1137. Temple Terrace city, Florida
1138. Union County, Florida

1139. Venice city, Florida
1140. Vero Beach city, Florida
1141. Washington County, Florida
1142. West Melbourne city, Florida
1143. West Park city, Florida
1144. Wilton Manors city, Florida
1145. Zephyrhills city, Florida
1146. Albany city, Georgia *
1147. Alpharetta city, Georgia *
1148. Athens-Clarke County unified government, Georgia *
1149. Atlanta city, Georgia *
1150. Augusta-Richmond County consolidated government, Georgia *
1151. Baldwin County, Georgia *
1152. Barrow County, Georgia *
1153. Bartow County, Georgia *
1154. Brookhaven city, Georgia *
1155. Bryan County, Georgia *
1156. Bulloch County, Georgia *
1157. Camden County, Georgia *
1158. Canton city, Georgia *
1159. Carroll County, Georgia *
1160. Catoosa County, Georgia *
1161. Chamblee city, Georgia *
1162. Chatham County, Georgia *
1163. Cherokee County, Georgia *
1164. Clayton County, Georgia *
1165. Cobb County, Georgia *
1166. Coffee County, Georgia *
1167. Colquitt County, Georgia *
1168. Columbia County, Georgia *
1169. Columbus city, Georgia *
1170. Coweta County, Georgia *
1171. Dalton city, Georgia *
1172. DeKalb County, Georgia *
1173. Dougherty County, Georgia *
1174. Douglas County, Georgia *
1175. Douglasville city, Georgia *
1176. Dunwoody city, Georgia *
1177. East Point city, Georgia *
1178. Effingham County, Georgia *
1179. Fayette County, Georgia *
1180. Floyd County, Georgia *
1181. Forsyth County, Georgia *
1182. Fulton County, Georgia *
1183. Gainesville city, Georgia *
1184. Gilmer County, Georgia *
1185. Glynn County, Georgia *
1186. Gordon County, Georgia *
1187. Gwinnett County, Georgia *
1188. Habersham County, Georgia *
1189. Hall County, Georgia *
1190. Harris County, Georgia *
1191. Henry County, Georgia *
1192. Hinesville city, Georgia *
1193. Houston County, Georgia *
1194. Jackson County, Georgia *
1195. Johns Creek city, Georgia *
1196. Kennesaw city, Georgia *
1197. LaGrange city, Georgia *
1198. Laurens County, Georgia *
1199. Lawrenceville city, Georgia *
1200. Liberty County, Georgia *
1201. Lowndes County, Georgia *
1202. Lumpkin County, Georgia *
1203. Macon-Bibb County, Georgia *
1204. Marietta city, Georgia *
1205. Milton city, Georgia *
1206. Murray County, Georgia *
1207. Newnan city, Georgia *
1208. Newton County, Georgia *
1209. Oconee County, Georgia *
1210. Paulding County, Georgia *
1211. Peachtree City city, Georgia *
1212. Peachtree Corners city, Georgia *
1213. Pickens County, Georgia *
1214. Polk County, Georgia *
1215. Rockdale County, Georgia *
1216. Rome city, Georgia *
1217. Roswell city, Georgia *
1218. Sandy Springs city, Georgia *
1219. Savannah city, Georgia *
1220. Smyrna city, Georgia *
1221. South Fulton city, Georgia *
1222. Spalding County, Georgia *
1223. Statesboro city, Georgia *
1224. Stonecrest city, Georgia *
1225. Thomas County, Georgia *
1226. Tift County, Georgia *
1227. Troup County, Georgia *
1228. Tucker city, Georgia *
1229. Valdosta city, Georgia *
1230. Walker County, Georgia *
1231. Walton County, Georgia *
1232. Ware County, Georgia *
1233. Warner Robins city, Georgia *
1234. White County, Georgia *
1235. Whitfield County, Georgia *
1236. Woodstock city, Georgia *
1237. Acworth city, Georgia
1238. Americus city, Georgia
1239. Appling County, Georgia
1240. Bacon County, Georgia
1241. Bainbridge city, Georgia
1242. Banks County, Georgia
1243. Ben Hill County, Georgia
1244. Berrien County, Georgia
1245. Bleckley County, Georgia
1246. Brantley County, Georgia
1247. Braselton town, Georgia
1248. Brooks County, Georgia
1249. Brunswick city, Georgia
1250. Buford city, Georgia
1251. Burke County, Georgia
1252. Butts County, Georgia
1253. Calhoun city, Georgia
1254. Candler County, Georgia
1255. Carrollton city, Georgia
1256. Cartersville city, Georgia
1257. Charlton County, Georgia
1258. Chattooga County, Georgia
1259. Clarkston city, Georgia
1260. College Park city, Georgia
1261. Conyers city, Georgia
1262. Cook County, Georgia
1263. Cordele city, Georgia
1264. Covington city, Georgia
1265. Crawford County, Georgia
1266. Crisp County, Georgia
1267. Cusseta-Chattahoochee County unified government, Georgia
1268. Dade County, Georgia
1269. Dallas city, Georgia
1270. Dawson County, Georgia
1271. Decatur city, Georgia
1272. Decatur County, Georgia
1273. Dodge County, Georgia
1274. Dooly County, Georgia
1275. Doraville city, Georgia
1276. Douglas city, Georgia
1277. Dublin city, Georgia
1278. Duluth city, Georgia
1279. Early County, Georgia
1280. Elbert County, Georgia
1281. Emanuel County, Georgia
1282. Evans County, Georgia
1283. Fairburn city, Georgia
1284. Fannin County, Georgia
1285. Fayetteville city, Georgia
1286. Forest Park city, Georgia
1287. Franklin County, Georgia
1288. Grady County, Georgia
1289. Greene County, Georgia
1290. Griffin city, Georgia
1291. Grovetown city, Georgia
1292. Haralson County, Georgia
1293. Hart County, Georgia
1294. Heard County, Georgia
1295. Holly Springs city, Georgia
1296. Jasper County, Georgia

1297. Jeff Davis County, Georgia
1298. Jefferson city, Georgia
1299. Jefferson County, Georgia
1300. Jones County, Georgia
1301. Kingsland city, Georgia
1302. Lamar County, Georgia
1303. Lanier County, Georgia
1304. Lee County, Georgia
1305. Lilburn city, Georgia
1306. Loganville city, Georgia
1307. Long County, Georgia
1308. Macon County, Georgia
1309. Madison County, Georgia
1310. McDonough city, Georgia
1311. McDuffie County, Georgia
1312. McIntosh County, Georgia
1313. Meriwether County, Georgia
1314. Milledgeville city, Georgia
1315. Mitchell County, Georgia
1316. Monroe city, Georgia
1317. Monroe County, Georgia
1318. Morgan County, Georgia
1319. Moultrie city, Georgia
1320. Norcross city, Georgia
1321. Oglethorpe County, Georgia
1322. Peach County, Georgia
1323. Perry city, Georgia
1324. Pierce County, Georgia
1325. Pike County, Georgia
1326. Pooler city, Georgia
1327. Powder Springs city, Georgia
1328. Pulaski County, Georgia
1329. Putnam County, Georgia
1330. Rabun County, Georgia
1331. Richmond Hill city, Georgia
1332. Rincon city, Georgia
1333. Riverdale city, Georgia
1334. Screven County, Georgia
1335. Snellville city, Georgia
1336. St. Marys city, Georgia
1337. Stephens County, Georgia
1338. Stockbridge city, Georgia
1339. Sugar Hill city, Georgia
1340. Sumter County, Georgia
1341. Suwanee city, Georgia
1342. Tattnall County, Georgia
1343. Telfair County, Georgia
1344. Thomasville city, Georgia
1345. Tifton city, Georgia
1346. Toombs County, Georgia
1347. Towns County, Georgia
1348. Union City city, Georgia
1349. Union County, Georgia
1350. Upson County, Georgia
1351. Vidalia city, Georgia
1352. Villa Rica city, Georgia
1353. Washington County, Georgia
1354. Waycross city, Georgia
1355. Wayne County, Georgia
1356. Winder city, Georgia
1357. Worth County, Georgia
1358. Hawaii County, Hawaii *
1359. Honolulu County, Hawaii *
1360. Kauai County, Hawaii *
1361. Maui County, Hawaii *
1362. Ada County, Idaho *
1363. Bannock County, Idaho *
1364. Bingham County, Idaho *
1365. Boise City city, Idaho *
1366. Bonner County, Idaho *
1367. Bonneville County, Idaho *
1368. Caldwell city, Idaho *
1369. Canyon County, Idaho *
1370. Coeur d'Alene city, Idaho *
1371. Idaho Falls city, Idaho *
1372. Kootenai County, Idaho *
1373. Latah County, Idaho *
1374. Lewiston city, Idaho *
1375. Madison County, Idaho *
1376. Meridian city, Idaho *
1377. Nampa city, Idaho *
1378. Nez Perce County, Idaho *
1379. Pocatello city, Idaho *
1380. Post Falls city, Idaho *
1381. Twin Falls city, Idaho *
1382. Twin Falls County, Idaho *
1383. Ammon city, Idaho
1384. Blackfoot city, Idaho
1385. Blaine County, Idaho
1386. Boundary County, Idaho
1387. Burley city, Idaho
1388. Cassia County, Idaho
1389. Chubbuck city, Idaho
1390. Eagle city, Idaho
1391. Elmore County, Idaho
1392. Franklin County, Idaho
1393. Fremont County, Idaho
1394. Garden City city, Idaho
1395. Gem County, Idaho
1396. Gooding County, Idaho
1397. Hayden city, Idaho
1398. Idaho County, Idaho
1399. Jefferson County, Idaho
1400. Jerome city, Idaho
1401. Jerome County, Idaho
1402. Kuna city, Idaho
1403. Minidoka County, Idaho
1404. Moscow city, Idaho
1405. Mountain Home city, Idaho
1406. Owyhee County, Idaho
1407. Payette County, Idaho
1408. Rexburg city, Idaho
1409. Shoshone County, Idaho
1410. Star city, Idaho
1411. Teton County, Idaho
1412. Valley County, Idaho
1413. Washington County, Idaho
1414. Adams County, Illinois *
1415. Addison township, Illinois *
1416. Addison village, Illinois *
1417. Algonquin township, Illinois *
1418. Algonquin village, Illinois *
1419. Arlington Heights village, Illinois *
1420. Aurora city, Illinois *
1421. Aurora township, Illinois *
1422. Avon township, Illinois *
1423. Bartlett village, Illinois *
1424. Batavia township, Illinois *
1425. Belleville city, Illinois *
1426. Berwyn city, Illinois *
1427. Berwyn township, Illinois *
1428. Bloom township, Illinois *
1429. Bloomingdale township, Illinois *
1430. Bloomington city, Illinois *
1431. Bloomington City township, Illinois *
1432. Bolingbrook village, Illinois *
1433. Boone County, Illinois *
1434. Bourbonnais township, Illinois *
1435. Bremen township, Illinois *
1436. Bristol township, Illinois *
1437. Buffalo Grove village, Illinois *
1438. Bureau County, Illinois *
1439. Calumet City city, Illinois *
1440. Capital township, Illinois *
1441. Carol Stream village, Illinois *
1442. Carpentersville village, Illinois *
1443. Caseyville township, Illinois *
1444. Champaign city, Illinois *
1445. Champaign City township, Illinois *
1446. Champaign County, Illinois *
1447. Chicago city, Illinois *
1448. Christian County, Illinois *
1449. Cicero town / Cicero township, Illinois *
1450. Clinton County, Illinois *
1451. Coles County, Illinois *
1452. Collinsville township, Illinois *

1453. Cook County, Illinois *
1454. Crystal Lake city, Illinois *
1455. Cunningham township, Illinois *
1456. Danville city, Illinois *
1457. Decatur city, Illinois *
1458. Decatur township, Illinois *
1459. DeKalb city, Illinois *
1460. DeKalb County, Illinois *
1461. DeKalb township, Illinois *
1462. Des Plaines city, Illinois *
1463. Downers Grove township, Illinois *
1464. Downers Grove village, Illinois *
1465. Du Page township, Illinois *
1466. Dundee township, Illinois *
1467. DuPage County, Illinois *
1468. Edwardsville township, Illinois *
1469. Effingham County, Illinois *
1470. Ela township, Illinois *
1471. Elgin city, Illinois *
1472. Elgin township, Illinois *
1473. Elk Grove township, Illinois *
1474. Elk Grove Village village, Illinois *
1475. Elmhurst city, Illinois *
1476. Evanston city, Illinois *
1477. Frankfort township, Illinois *
1478. Franklin County, Illinois *
1479. Fremont township, Illinois *
1480. Fulton County, Illinois *
1481. Galesburg city, Illinois *
1482. Galesburg City township, Illinois *
1483. Glendale Heights village, Illinois *
1484. Glenview village, Illinois *
1485. Grafton township, Illinois *
1486. Grundy County, Illinois *
1487. Gurnee village, Illinois *
1488. Hanover Park village, Illinois *
1489. Hanover township, Illinois *
1490. Harlem township, Illinois *
1491. Henry County, Illinois *
1492. Hoffman Estates village, Illinois *
1493. Homer township, Illinois *
1494. Jackson County, Illinois *
1495. Jefferson County, Illinois *
1496. Joliet city, Illinois *
1497. Joliet township, Illinois *
1498. Kane County, Illinois *
1499. Kankakee County, Illinois *
1500. Kendall County, Illinois *
1501. Knox County, Illinois *
1502. Lake County, Illinois *
1503. Lake Villa township, Illinois *
1504. LaSalle County, Illinois *
1505. Lee County, Illinois *
1506. Leyden township, Illinois *
1507. Libertyville township, Illinois *
1508. Lisle township, Illinois *
1509. Livingston County, Illinois *
1510. Lockport township, Illinois *
1511. Lombard village, Illinois *
1512. Lyons township, Illinois *
1513. Macon County, Illinois *
1514. Macoupin County, Illinois *
1515. Madison County, Illinois *
1516. Maine township, Illinois *
1517. Marion County, Illinois *
1518. McHenry County, Illinois *
1519. McHenry township, Illinois *
1520. McLean County, Illinois *
1521. Milton township, Illinois *
1522. Moline city, Illinois *
1523. Monroe County, Illinois *
1524. Moraine township, Illinois *
1525. Morgan County, Illinois *
1526. Mount Prospect village, Illinois *
1527. Mundelein village, Illinois *
1528. Naperville city, Illinois *
1529. Naperville township, Illinois *
1530. New Lenox township, Illinois *
1531. New Trier township, Illinois *
1532. Niles township, Illinois *
1533. Normal town, Illinois *
1534. Normal township, Illinois *
1535. Northbrook village, Illinois *
1536. Northfield township, Illinois *
1537. Nunda township, Illinois *
1538. Oak Lawn village, Illinois *
1539. Oak Park township, Illinois *
1540. Oak Park village, Illinois *
1541. Ogle County, Illinois *
1542. Orland Park village, Illinois *
1543. Orland township, Illinois *
1544. Oswego township, Illinois *
1545. Oswego village, Illinois *
1546. Palatine township, Illinois *
1547. Palatine village, Illinois *
1548. Palos township, Illinois *
1549. Park Ridge city, Illinois *
1550. Pekin city, Illinois *
1551. Peoria city, Illinois *
1552. Peoria City township, Illinois *
1553. Peoria County, Illinois *
1554. Plainfield township, Illinois *
1555. Plainfield village, Illinois *
1556. Proviso township, Illinois *
1557. Quincy city, Illinois *
1558. Quincy township, Illinois *
1559. Randolph County, Illinois *
1560. Rich township, Illinois *
1561. Rock Island city, Illinois *
1562. Rock Island County, Illinois *
1563. Rockford city, Illinois *
1564. Rockford township, Illinois *
1565. Romeoville village, Illinois *
1566. Sangamon County, Illinois *
1567. Schaumburg township, Illinois *
1568. Schaumburg village, Illinois *
1569. Shields township, Illinois *
1570. Skokie village, Illinois *
1571. South Moline township, Illinois *
1572. Springfield city, Illinois *
1573. St. Charles city, Illinois *
1574. St. Charles township, Illinois *
1575. St. Clair County, Illinois *
1576. St. Clair township, Illinois *
1577. Stephenson County, Illinois *
1578. Stickney township, Illinois *
1579. Streamwood village, Illinois *
1580. Tazewell County, Illinois *
1581. Thornton township, Illinois *
1582. Tinley Park village, Illinois *
1583. Troy township, Illinois *
1584. Urbana city, Illinois *
1585. Vermilion County, Illinois *
1586. Vernon township, Illinois *
1587. Warren township, Illinois *
1588. Waukegan city, Illinois *
1589. Waukegan township, Illinois *
1590. Wayne township, Illinois *
1591. West Deerfield township, Illinois *
1592. Wheatland township, Illinois *
1593. Wheaton city, Illinois *
1594. Wheeling township, Illinois *
1595. Wheeling village, Illinois *
1596. Whiteside County, Illinois *
1597. Will County, Illinois *
1598. Williamson County, Illinois *
1599. Winfield township, Illinois *
1600. Winnebago County, Illinois *

1601. Wood River township, Illinois *
1602. Woodford County, Illinois *
1603. Woodridge village, Illinois *
1604. Worth township, Illinois *
1605. York township, Illinois *
1606. Alsip village, Illinois
1607. Alton city, Illinois
1608. Alton township, Illinois
1609. Antioch township, Illinois
1610. Antioch village, Illinois
1611. Aux Sable township, Illinois
1612. Barrington township, Illinois
1613. Barrington village, Illinois
1614. Batavia city, Illinois
1615. Beach Park village, Illinois
1616. Bellwood village, Illinois
1617. Belvidere city, Illinois
1618. Belvidere township, Illinois
1619. Bensenville village, Illinois
1620. Benton township, Illinois
1621. Blackberry township, Illinois
1622. Bloomingdale village, Illinois
1623. Blue Island city, Illinois
1624. Bond County, Illinois
1625. Bourbonnais village, Illinois
1626. Bradley village, Illinois
1627. Bridgeview village, Illinois
1628. Brookfield village, Illinois
1629. Bruce township, Illinois
1630. Burbank city, Illinois
1631. Burr Ridge village, Illinois
1632. Cahokia village, Illinois
1633. Calumet township, Illinois
1634. Campton Hills village, Illinois
1635. Campton township, Illinois
1636. Canton city, Illinois
1637. Canton township, Illinois
1638. Carbondale city, Illinois
1639. Carbondale township, Illinois
1640. Carroll County, Illinois
1641. Cary village, Illinois
1642. Cass County, Illinois
1643. Centralia city, Illinois
1644. Centralia township, Illinois
1645. Centreville township, Illinois
1646. Champaign township, Illinois
1647. Channahon township, Illinois
1648. Channahon village, Illinois
1649. Charleston city, Illinois
1650. Charleston township, Illinois
1651. Chatham village, Illinois
1652. Cherry Valley township, Illinois
1653. Chicago Heights city, Illinois
1654. Chicago Ridge village, Illinois
1655. Clark County, Illinois
1656. Clay County, Illinois
1657. Collinsville city, Illinois
1658. Coloma township, Illinois
1659. Columbia city, Illinois
1660. Cortland township, Illinois
1661. Country Club Hills city, Illinois
1662. Crawford County, Illinois
1663. Crest Hill city, Illinois
1664. Crestwood village, Illinois
1665. Crete township, Illinois
1666. Cuba township, Illinois
1667. Cumberland County, Illinois
1668. Danville township, Illinois
1669. Darien city, Illinois
1670. De Witt County, Illinois
1671. Deerfield village, Illinois
1672. Dixon city, Illinois
1673. Dixon township, Illinois
1674. Dolton village, Illinois
1675. Dorr township, Illinois
1676. Douglas County, Illinois
1677. Douglas township, Illinois
1678. East Moline city, Illinois
1679. East Peoria city, Illinois
1680. East St. Louis city, Illinois
1681. East St. Louis township, Illinois
1682. Edgar County, Illinois
1683. Edwardsville city, Illinois
1684. Effingham city, Illinois
1685. Elmwood Park village, Illinois
1686. Evergreen Park village, Illinois
1687. Fairview Heights city, Illinois
1688. Fayette County, Illinois
1689. Flagg township, Illinois
1690. Fondulac township, Illinois
1691. Ford County, Illinois
1692. Forest Park village, Illinois
1693. Fox Lake village, Illinois
1694. Frankfort village, Illinois
1695. Franklin Park village, Illinois
1696. Freeport city, Illinois
1697. Freeport township, Illinois
1698. Geneva city, Illinois
1699. Geneva township, Illinois
1700. Glen Carbon village, Illinois
1701. Glen Ellyn village, Illinois
1702. Godfrey township, Illinois
1703. Godfrey village, Illinois
1704. Granite City city, Illinois
1705. Granite City township, Illinois
1706. Grant township, Illinois
1707. Grayslake village, Illinois
1708. Greene County, Illinois
1709. Greenwood township, Illinois
1710. Groveland township, Illinois
1711. Hampton township, Illinois
1712. Hancock County, Illinois
1713. Harrisburg township, Illinois
1714. Harvey city, Illinois
1715. Hazel Crest village, Illinois
1716. Herrin city, Illinois
1717. Hickory Hills city, Illinois
1718. Hickory Point township, Illinois
1719. Highland Park city, Illinois
1720. Hinsdale village, Illinois
1721. Homer Glen village, Illinois
1722. Homewood village, Illinois
1723. Huntley village, Illinois
1724. Iroquois County, Illinois
1725. Jacksonville city, Illinois
1726. Jarvis township, Illinois
1727. Jersey County, Illinois
1728. Jo Daviess County, Illinois
1729. Johnson County, Illinois
1730. Justice village, Illinois
1731. Kankakee city, Illinois
1732. Kankakee township, Illinois
1733. Kewanee city, Illinois
1734. La Grange Park village, Illinois
1735. La Grange village, Illinois
1736. Lake Forest city, Illinois
1737. Lake in the Hills village, Illinois
1738. Lake Zurich village, Illinois
1739. Lansing village, Illinois
1740. LaSalle township, Illinois
1741. Lawrence County, Illinois
1742. Lemont township, Illinois
1743. Lemont village, Illinois
1744. Libertyville village, Illinois
1745. Limestone township, Illinois
1746. Lincoln city, Illinois
1747. Lincolnwood village, Illinois
1748. Lindenhurst village, Illinois
1749. Lisle village, Illinois
1750. Little Rock township, Illinois
1751. Lockport city, Illinois
1752. Logan County, Illinois
1753. Long Creek township, Illinois
1754. Loves Park city, Illinois
1755. Lyons village, Illinois
1756. Machesney Park village, Illinois

1757. Macomb city, Illinois
1758. Macomb City township, Illinois
1759. Mahomet township, Illinois
1760. Manhattan township, Illinois
1761. Manteno township, Illinois
1762. Marion city, Illinois
1763. Markham city, Illinois
1764. Marshall County, Illinois
1765. Mason County, Illinois
1766. Massac County, Illinois
1767. Matteson village, Illinois
1768. Mattoon city, Illinois
1769. Mattoon township, Illinois
1770. Maywood village, Illinois
1771. McDonough County, Illinois
1772. McHenry city, Illinois
1773. Medina township, Illinois
1774. Melrose Park village, Illinois
1775. Menard County, Illinois
1776. Mercer County, Illinois
1777. Midlothian village, Illinois
1778. Minooka village, Illinois
1779. Mokena village, Illinois
1780. Moline township, Illinois
1781. Monee township, Illinois
1782. Montgomery County, Illinois
1783. Montgomery village, Illinois
1784. Morris city, Illinois
1785. Morton Grove village, Illinois
1786. Morton township, Illinois
1787. Morton village, Illinois
1788. Moultrie County, Illinois
1789. Mount Vernon city, Illinois
1790. Mount Vernon township, Illinois
1791. Nameoki township, Illinois
1792. New Lenox village, Illinois
1793. Newell township, Illinois
1794. Niles village, Illinois
1795. Norridge village, Illinois
1796. North Aurora village, Illinois
1797. North Chicago city, Illinois
1798. Northlake city, Illinois
1799. Norwood Park township, Illinois
1800. O'Fallon city, Illinois
1801. O'Fallon township, Illinois
1802. Oak Forest city, Illinois
1803. Ottawa city, Illinois
1804. Ottawa township, Illinois
1805. Palos Heights city, Illinois
1806. Palos Hills city, Illinois
1807. Park Forest village, Illinois
1808. Pekin township, Illinois
1809. Perry County, Illinois
1810. Peru township, Illinois
1811. Piatt County, Illinois
1812. Pike County, Illinois
1813. Plano city, Illinois
1814. Pontiac city, Illinois
1815. Pontiac township, Illinois
1816. Prospect Heights city, Illinois
1817. Rantoul township, Illinois
1818. Rantoul village, Illinois
1819. Richland County, Illinois
1820. Richton Park village, Illinois
1821. River Forest township, Illinois
1822. River Forest village, Illinois
1823. Riverdale village, Illinois
1824. Riverside township, Illinois
1825. Rock Island township, Illinois
1826. Rockton township, Illinois
1827. Rolling Meadows city, Illinois
1828. Roscoe township, Illinois
1829. Roscoe village, Illinois
1830. Roselle village, Illinois
1831. Round Lake Beach village, Illinois
1832. Round Lake village, Illinois
1833. Rutland township, Illinois
1834. Saline County, Illinois
1835. Sauk Village village, Illinois
1836. Schiller Park village, Illinois
1837. Shelby County, Illinois
1838. Shiloh Valley township, Illinois
1839. Shiloh village, Illinois
1840. Shorewood village, Illinois
1841. South Elgin village, Illinois
1842. South Holland village, Illinois
1843. South Rock Island township, Illinois
1844. Sterling city, Illinois
1845. Sterling township, Illinois
1846. Streator city, Illinois
1847. Sugar Grove township, Illinois
1848. Summit village, Illinois
1849. Swansea village, Illinois
1850. Sycamore city, Illinois
1851. Sycamore township, Illinois
1852. Taylorville city, Illinois
1853. Taylorville township, Illinois
1854. Troy city, Illinois
1855. Union County, Illinois
1856. Vernon Hills village, Illinois
1857. Villa Park village, Illinois
1858. Wabash County, Illinois
1859. Warren County, Illinois
1860. Warrenville city, Illinois
1861. Washington city, Illinois
1862. Washington County, Illinois
1863. Washington township, Illinois
1864. Waterloo city, Illinois
1865. Wauconda township, Illinois
1866. Wauconda village, Illinois
1867. Wayne County, Illinois
1868. West Chicago city, Illinois
1869. Westchester village, Illinois
1870. Western Springs village, Illinois
1871. Westmont village, Illinois
1872. White County, Illinois
1873. Wilmette village, Illinois
1874. Winnetka village, Illinois
1875. Wood Dale city, Illinois
1876. Wood River city, Illinois
1877. Woodside township, Illinois
1878. Woodstock city, Illinois
1879. Worth village, Illinois
1880. Yorkville city, Illinois
1881. Zion city, Illinois
1882. Zion township, Illinois
1883. Aboite township, Indiana *
1884. Adams County, Indiana *
1885. Adams township, Indiana *
1886. Allen County, Indiana *
1887. Anderson city, Indiana *
1888. Anderson township, Indiana *
1889. Bartholomew County, Indiana *
1890. Bloomington city, Indiana *
1891. Bloomington township, Indiana *
1892. Boone County, Indiana *
1893. Calumet township, Indiana *
1894. Carmel city, Indiana *
1895. Cass County, Indiana *
1896. Center township, Indiana *
1897. Center township, Indiana *
1898. Center township, Indiana *
1899. Center township, Indiana *
1900. Center township, Indiana *
1901. Center township, Indiana *
1902. Clark County, Indiana *
1903. Clay township, Indiana *
1904. Clay township, Indiana *
1905. Clinton County, Indiana *
1906. Columbus city, Indiana *
1907. Columbus township, Indiana *
1908. Concord township, Indiana *
1909. Crown Point city, Indiana *
1910. Daviess County, Indiana *
1911. Dearborn County, Indiana *
1912. Decatur township, Indiana *

1913. DeKalb County, Indiana *
1914. Delaware County, Indiana *
1915. Delaware township, Indiana *
1916. Dubois County, Indiana *
1917. Elkhart city, Indiana *
1918. Elkhart County, Indiana *
1919. Elkhart township, Indiana *
1920. Evansville city, Indiana *
1921. Fairfield township, Indiana *
1922. Fall Creek township, Indiana *
1923. Fishers city, Indiana *
1924. Floyd County, Indiana *
1925. Fort Wayne city, Indiana *
1926. Franklin township, Indiana *
1927. Gary city, Indiana *
1928. Gibson County, Indiana *
1929. Goshen city, Indiana *
1930. Grant County, Indiana *
1931. Greene County, Indiana *
1932. Greenwood city, Indiana *
1933. Guilford township, Indiana *
1934. Hamilton County, Indiana *
1935. Hammond city, Indiana *
1936. Hancock County, Indiana *
1937. Harrison County, Indiana *
1938. Harrison township, Indiana *
1939. Hendricks County, Indiana *
1940. Henry County, Indiana *
1941. Hobart township, Indiana *
1942. Howard County, Indiana *
1943. Huntington County, Indiana *
1944. Jackson County, Indiana *
1945. Jasper County, Indiana *
1946. Jefferson County, Indiana *
1947. Jeffersonville city, Indiana *
1948. Jeffersonville township, Indiana *
1949. Johnson County, Indiana *
1950. Knight township, Indiana *
1951. Knox County, Indiana *
1952. Kokomo city, Indiana *
1953. Kosciusko County, Indiana *
1954. Lafayette city, Indiana *
1955. LaGrange County, Indiana *
1956. Lake County, Indiana *
1957. LaPorte County, Indiana *
1958. Lawrence city, Indiana *
1959. Lawrence County, Indiana *
1960. Lawrence township, Indiana *
1961. Lincoln township, Indiana *
1962. Madison County, Indiana *
1963. Marion County / Indianapolis city, Indiana *
1964. Marshall County, Indiana *
1965. Merrillville town, Indiana *
1966. Miami County, Indiana *
1967. Michigan City city, Indiana *
1968. Mishawaka city, Indiana *
1969. Monroe County, Indiana *
1970. Montgomery County, Indiana *
1971. Morgan County, Indiana *
1972. Muncie city, Indiana *
1973. New Albany city, Indiana *
1974. New Albany township, Indiana *
1975. Noble County, Indiana *
1976. Noblesville city, Indiana *
1977. Noblesville township, Indiana *
1978. North township, Indiana *
1979. Ohio township, Indiana *
1980. Penn township, Indiana *
1981. Perry township, Indiana *
1982. Perry township, Indiana *
1983. Perry township, Indiana *
1984. Pike township, Indiana *
1985. Plainfield town, Indiana *
1986. Pleasant township, Indiana *
1987. Portage city, Indiana *
1988. Portage township, Indiana *
1989. Portage township, Indiana *
1990. Porter County, Indiana *
1991. Putnam County, Indiana *
1992. Richmond city, Indiana *
1993. Ross township, Indiana *
1994. Shelby County, Indiana *
1995. South Bend city, Indiana *
1996. St. John township, Indiana *
1997. St. Joseph County, Indiana *
1998. St. Joseph township, Indiana *
1999. Steuben County, Indiana *
2000. Terre Haute city, Indiana *
2001. Tippecanoe County, Indiana *
2002. Valparaiso city, Indiana *
2003. Vanderburgh County, Indiana *
2004. Vigo County, Indiana *
2005. Wabash County, Indiana *
2006. Wabash township, Indiana *
2007. Warren township, Indiana *
2008. Warrick County, Indiana *
2009. Washington township, Indiana *
2010. Washington township, Indiana *
2011. Washington township, Indiana *
2012. Washington township, Indiana *
2013. Wayne County, Indiana *
2014. Wayne township, Indiana *
2015. Wayne township, Indiana *
2016. Wayne township, Indiana *
2017. Wea township, Indiana *
2018. West Lafayette city, Indiana *
2019. Westfield city, Indiana *
2020. White River township, Indiana *
2021. Whitley County, Indiana *
2022. Addison township, Indiana
2023. Auburn city, Indiana
2024. Avon town, Indiana
2025. Bainbridge township, Indiana
2026. Baugo township, Indiana
2027. Bedford city, Indiana
2028. Beech Grove city, Indiana
2029. Blackford County, Indiana
2030. Bluffton city, Indiana
2031. Boon township, Indiana
2032. Brown County, Indiana
2033. Brown township, Indiana
2034. Brown township, Indiana
2035. Brownsburg town, Indiana
2036. Carroll County, Indiana
2037. Cedar Creek township, Indiana
2038. Cedar Creek township, Indiana
2039. Cedar Lake town, Indiana
2040. Center township, Indiana
2041. Center township, Indiana
2042. Center township, Indiana
2043. Center township, Indiana
2044. Center township, Indiana
2045. Center township, Indiana
2046. Center township, Indiana
2047. Centre township, Indiana
2048. Charlestown township, Indiana
2049. Chesterton town, Indiana
2050. Clarksville town, Indiana
2051. Clay County, Indiana
2052. Cleveland township, Indiana
2053. Columbia township, Indiana
2054. Connersville city, Indiana
2055. Connersville township, Indiana
2056. Coolspring township, Indiana
2057. Crawford County, Indiana
2058. Crawfordsville city, Indiana
2059. Danville town, Indiana
2060. Decatur County, Indiana
2061. Dyer town, Indiana
2062. East Chicago city, Indiana
2063. Eel township, Indiana
2064. Fall Creek township, Indiana
2065. Fayette County, Indiana

2066. Fountain County, Indiana
2067. Frankfort city, Indiana
2068. Franklin city, Indiana
2069. Franklin County, Indiana
2070. Franklin township, Indiana
2071. Fulton County, Indiana
2072. Georgetown township, Indiana
2073. Greencastle city, Indiana
2074. Greencastle township, Indiana
2075. Greenfield city, Indiana
2076. Greensburg city, Indiana
2077. Griffith town, Indiana
2078. Hanover township, Indiana
2079. Harris township, Indiana
2080. Harrison township, Indiana
2081. Henry township, Indiana
2082. Highland town, Indiana
2083. Hobart city, Indiana
2084. Honey Creek township, Indiana
2085. Huntington city, Indiana
2086. Huntington township, Indiana
2087. Jackson township, Indiana
2088. Jackson township, Indiana
2089. Jasper city, Indiana
2090. Jay County, Indiana
2091. Jefferson township, Indiana
2092. Jennings County, Indiana
2093. Keener township, Indiana
2094. La Porte city, Indiana
2095. Lake Station city, Indiana
2096. Lawrenceburg township, Indiana
2097. Lebanon city, Indiana
2098. Logansport city, Indiana
2099. Lost Creek township, Indiana
2100. Madison city, Indiana
2101. Madison township, Indiana
2102. Marion city, Indiana
2103. Martin County, Indiana
2104. Martinsville city, Indiana
2105. Michigan township, Indiana
2106. Mill township, Indiana
2107. Munster town, Indiana
2108. New Castle city, Indiana
2109. New Haven city, Indiana
2110. Newton County, Indiana
2111. Noble township, Indiana
2112. Orange County, Indiana
2113. Osolo township, Indiana
2114. Owen County, Indiana
2115. Parke County, Indiana
2116. Patoka township, Indiana
2117. Perry County, Indiana
2118. Perry township, Indiana
2119. Peru city, Indiana
2120. Peru township, Indiana
2121. Pigeon township, Indiana
2122. Pike County, Indiana
2123. Pipe Creek township, Indiana
2124. Pleasant township, Indiana
2125. Posey County, Indiana
2126. Pulaski County, Indiana
2127. Randolph County, Indiana
2128. Richland township, Indiana
2129. Ripley County, Indiana
2130. Rush County, Indiana
2131. Schererville town, Indiana
2132. Scott County, Indiana
2133. Seymour city, Indiana
2134. Shawswick township, Indiana
2135. Shelbyville city, Indiana
2136. Silver Creek township, Indiana
2137. Speedway town, Indiana
2138. Spencer County, Indiana
2139. St. John town, Indiana
2140. Starke County, Indiana
2141. Sugar Creek township, Indiana
2142. Sullivan County, Indiana
2143. Switzerland County, Indiana
2144. Tipton County, Indiana
2145. Troy township, Indiana
2146. Union township, Indiana
2147. Union township, Indiana
2148. Van Buren township, Indiana
2149. Vermillion County, Indiana
2150. Vernon township, Indiana
2151. Vincennes city, Indiana
2152. Vincennes township, Indiana
2153. Warsaw city, Indiana
2154. Washington city, Indiana
2155. Washington County, Indiana
2156. Washington township, Indiana
2157. Washington township, Indiana
2158. Washington township, Indiana
2159. Washington township, Indiana
2160. Wayne township, Indiana
2161. Wayne township, Indiana
2162. Wells County, Indiana
2163. Westchester township, Indiana
2164. White County, Indiana
2165. Winfield township, Indiana
2166. Yorktown town, Indiana
2167. Zionsville town, Indiana
2168. Ames city, Iowa *
2169. Ankeny city, Iowa *
2170. Bettendorf city, Iowa *
2171. Black Hawk County, Iowa *
2172. Cedar Falls city, Iowa *
2173. Cedar Rapids city, Iowa *
2174. Cerro Gordo County, Iowa *
2175. Clinton County, Iowa *
2176. Council Bluffs city, Iowa *
2177. Dallas County, Iowa *
2178. Davenport city, Iowa *
2179. Des Moines city, Iowa *
2180. Des Moines County, Iowa *
2181. Dubuque city, Iowa *
2182. Dubuque County, Iowa *
2183. Iowa City city, Iowa *
2184. Jasper County, Iowa *
2185. Johnson County, Iowa *
2186. Lee County, Iowa *
2187. Linn County, Iowa *
2188. Marion city, Iowa *
2189. Marion County, Iowa *
2190. Marshall County, Iowa *
2191. Muscatine County, Iowa *
2192. Polk County, Iowa *
2193. Pottawattamie County, Iowa *
2194. Scott County, Iowa *
2195. Sioux City city, Iowa *
2196. Sioux County, Iowa *
2197. Story County, Iowa *
2198. Urbandale city, Iowa *
2199. Wapello County, Iowa *
2200. Warren County, Iowa *
2201. Waterloo city, Iowa *
2202. Webster County, Iowa *
2203. West Des Moines city, Iowa *
2204. Woodbury County, Iowa *
2205. Allamakee County, Iowa
2206. Altoona city, Iowa
2207. Appanoose County, Iowa
2208. Benton County, Iowa
2209. Boone city, Iowa
2210. Boone County, Iowa
2211. Bremer County, Iowa
2212. Buchanan County, Iowa
2213. Buena Vista County, Iowa
2214. Burlington city, Iowa
2215. Butler County, Iowa
2216. Carroll County, Iowa
2217. Cass County, Iowa
2218. Cedar County, Iowa
2219. Cherokee County, Iowa
2220. Chickasaw County, Iowa
2221. Clay County, Iowa
2222. Clayton County, Iowa
2223. Clinton city, Iowa
2224. Clive city, Iowa
2225. Coralville city, Iowa
2226. Crawford County, Iowa
2227. Delaware County, Iowa
2228. Dickinson County, Iowa

2229. Fairfield city, Iowa
2230. Fayette County, Iowa
2231. Floyd County, Iowa
2232. Fort Dodge city, Iowa
2233. Fort Madison city, Iowa
2234. Franklin County, Iowa
2235. Grimes city, Iowa
2236. Grundy County, Iowa
2237. Guthrie County, Iowa
2238. Hamilton County, Iowa
2239. Hancock County, Iowa
2240. Hardin County, Iowa
2241. Harrison County, Iowa
2242. Henry County, Iowa
2243. Indianola city, Iowa
2244. Iowa County, Iowa
2245. Jackson County, Iowa
2246. Jefferson County, Iowa
2247. Johnston city, Iowa
2248. Jones County, Iowa
2249. Keokuk city, Iowa
2250. Keokuk County, Iowa
2251. Kossuth County, Iowa
2252. Le Mars city, Iowa
2253. Louisa County, Iowa
2254. Lyon County, Iowa
2255. Madison County, Iowa
2256. Mahaska County, Iowa
2257. Marshalltown city, Iowa
2258. Mason City city, Iowa
2259. Mills County, Iowa
2260. Mitchell County, Iowa
2261. Muscatine city, Iowa
2262. Newton city, Iowa
2263. North Liberty city, Iowa
2264. Norwalk city, Iowa
2265. O'Brien County, Iowa
2266. Oskaloosa city, Iowa
2267. Ottumwa city, Iowa
2268. Page County, Iowa
2269. Pella city, Iowa
2270. Pleasant Hill city, Iowa
2271. Plymouth County, Iowa
2272. Poweshiek County, Iowa
2273. Shelby County, Iowa
2274. Spencer city, Iowa
2275. Storm Lake city, Iowa
2276. Tama County, Iowa
2277. Union County, Iowa
2278. Washington County, Iowa
2279. Waukee city, Iowa
2280. Waverly city, Iowa
2281. Winnebago County, Iowa
2282. Winneshiek County, Iowa
2283. Wright County, Iowa
2284. Butler County, Kansas *
2285. Cowley County, Kansas *
2286. Crawford County, Kansas *
2287. Douglas County, Kansas *
2288. Finney County, Kansas *
2289. Ford County, Kansas *
2290. Geary County, Kansas *
2291. Harvey County, Kansas *
2292. Hutchinson city, Kansas *
2293. Johnson County, Kansas *
2294. Kansas City city, Kansas *
2295. Lawrence city, Kansas *
2296. Leavenworth city, Kansas *
2297. Leavenworth County, Kansas *
2298. Leawood city, Kansas *
2299. Lenexa city, Kansas *
2300. Lyon County, Kansas *
2301. Manhattan city, Kansas *
2302. Miami County, Kansas *
2303. Montgomery County, Kansas *
2304. Olathe city, Kansas *
2305. Overland Park city, Kansas *
2306. Reno County, Kansas *
2307. Riley County, Kansas *
2308. Salina city, Kansas *
2309. Saline County, Kansas *
2310. Sedgwick County, Kansas *
2311. Shawnee city, Kansas *
2312. Shawnee County, Kansas *
2313. Topeka city, Kansas *
2314. Wichita city, Kansas *
2315. Allen County, Kansas
2316. Andover city, Kansas
2317. Arkansas City city, Kansas
2318. Atchison city, Kansas
2319. Atchison County, Kansas
2320. Barton County, Kansas
2321. Bourbon County, Kansas
2322. Bruno township, Kansas
2323. Cherokee County, Kansas
2324. Derby city, Kansas
2325. Dickinson County, Kansas
2326. Dodge City city, Kansas
2327. El Dorado city, Kansas
2328. Ellis County, Kansas
2329. Emporia city, Kansas
2330. Fairmount township, Kansas
2331. Franklin County, Kansas
2332. Garden City city, Kansas
2333. Gardner city, Kansas
2334. Great Bend city, Kansas
2335. Hays city, Kansas
2336. Haysville city, Kansas
2337. Jackson County, Kansas
2338. Jefferson County, Kansas
2339. Junction City city, Kansas
2340. Labette County, Kansas
2341. Lansing city, Kansas
2342. Liberal city, Kansas
2343. Madison township, Kansas
2344. Marion County, Kansas
2345. McPherson city, Kansas
2346. McPherson County, Kansas
2347. Merriam city, Kansas
2348. Nemaha County, Kansas
2349. Neosho County, Kansas
2350. Newton city, Kansas
2351. Osage County, Kansas
2352. Ottawa city, Kansas
2353. Pittsburg city, Kansas
2354. Pottawatomie County, Kansas
2355. Prairie Village city, Kansas
2356. Riverside township, Kansas
2357. Rockford township, Kansas
2358. Seward County, Kansas
2359. Soldier township, Kansas
2360. Sumner County, Kansas
2361. Winfield city, Kansas
2362. Barren County, Kentucky *
2363. Boone County, Kentucky *
2364. Bowling Green city, Kentucky *
2365. Boyd County, Kentucky *
2366. Boyle County, Kentucky *
2367. Bullitt County, Kentucky *
2368. Calloway County, Kentucky *
2369. Campbell County, Kentucky *
2370. Christian County, Kentucky *
2371. Clark County, Kentucky *
2372. Covington city, Kentucky *
2373. Daviess County, Kentucky *
2374. Elizabethtown city, Kentucky *
2375. Florence city, Kentucky *
2376. Floyd County, Kentucky *
2377. Franklin County, Kentucky *
2378. Georgetown city, Kentucky *
2379. Graves County, Kentucky *
2380. Greenup County, Kentucky *
2381. Hardin County, Kentucky *
2382. Henderson County, Kentucky *
2383. Hopkins County, Kentucky *
2384. Hopkinsville city, Kentucky *
2385. Jessamine County, Kentucky *
2386. Kenton County, Kentucky *
2387. Knox County, Kentucky *
2388. Laurel County, Kentucky *

2389. Lexington-Fayette urban county, Kentucky *
2390. Louisville/Jefferson County metro government, Kentucky *
2391. Madison County, Kentucky *
2392. Marshall County, Kentucky *
2393. McCracken County, Kentucky *
2394. Muhlenberg County, Kentucky *
2395. Nelson County, Kentucky *
2396. Nicholasville city, Kentucky *
2397. Oldham County, Kentucky *
2398. Owensboro city, Kentucky *
2399. Pike County, Kentucky *
2400. Pulaski County, Kentucky *
2401. Richmond city, Kentucky *
2402. Scott County, Kentucky *
2403. Shelby County, Kentucky *
2404. Warren County, Kentucky *
2405. Whitley County, Kentucky *
2406. Adair County, Kentucky
2407. Allen County, Kentucky
2408. Anderson County, Kentucky
2409. Ashland city, Kentucky
2410. Bardstown city, Kentucky
2411. Bath County, Kentucky
2412. Bell County, Kentucky
2413. Berea city, Kentucky
2414. Bourbon County, Kentucky
2415. Breathitt County, Kentucky
2416. Breckinridge County, Kentucky
2417. Butler County, Kentucky
2418. Caldwell County, Kentucky
2419. Campbellsville city, Kentucky
2420. Carroll County, Kentucky
2421. Carter County, Kentucky
2422. Casey County, Kentucky
2423. Clay County, Kentucky
2424. Clinton County, Kentucky
2425. Danville city, Kentucky
2426. Edmonson County, Kentucky
2427. Erlanger city, Kentucky
2428. Estill County, Kentucky
2429. Fleming County, Kentucky
2430. Fort Thomas city, Kentucky
2431. Frankfort city, Kentucky
2432. Garrard County, Kentucky
2433. Glasgow city, Kentucky
2434. Grant County, Kentucky
2435. Grayson County, Kentucky
2436. Green County, Kentucky
2437. Harlan County, Kentucky
2438. Harrison County, Kentucky
2439. Hart County, Kentucky
2440. Henderson city, Kentucky
2441. Henry County, Kentucky
2442. Independence city, Kentucky
2443. Jackson County, Kentucky
2444. Jeffersontown city, Kentucky
2445. Johnson County, Kentucky
2446. Knott County, Kentucky
2447. Larue County, Kentucky
2448. Lawrence County, Kentucky
2449. Lawrenceburg city, Kentucky
2450. Letcher County, Kentucky
2451. Lewis County, Kentucky
2452. Lincoln County, Kentucky
2453. Logan County, Kentucky
2454. Lyndon city, Kentucky
2455. Madisonville city, Kentucky
2456. Magoffin County, Kentucky
2457. Marion County, Kentucky
2458. Martin County, Kentucky
2459. Mason County, Kentucky
2460. McCreary County, Kentucky
2461. Meade County, Kentucky
2462. Mercer County, Kentucky
2463. Metcalfe County, Kentucky
2464. Monroe County, Kentucky
2465. Montgomery County, Kentucky
2466. Morgan County, Kentucky
2467. Mount Washington city, Kentucky
2468. Murray city, Kentucky
2469. Newport city, Kentucky
2470. Ohio County, Kentucky
2471. Owen County, Kentucky
2472. Paducah city, Kentucky
2473. Pendleton County, Kentucky
2474. Perry County, Kentucky
2475. Powell County, Kentucky
2476. Radcliff city, Kentucky
2477. Rockcastle County, Kentucky
2478. Rowan County, Kentucky
2479. Russell County, Kentucky
2480. Shelbyville city, Kentucky
2481. Shepherdsville city, Kentucky
2482. Shively city, Kentucky
2483. Simpson County, Kentucky
2484. Somerset city, Kentucky
2485. Spencer County, Kentucky
2486. St. Matthews city, Kentucky
2487. Taylor County, Kentucky
2488. Todd County, Kentucky
2489. Trigg County, Kentucky
2490. Union County, Kentucky
2491. Washington County, Kentucky
2492. Wayne County, Kentucky
2493. Webster County, Kentucky
2494. Winchester city, Kentucky
2495. Woodford County, Kentucky
2496. Acadia Parish, Louisiana *
2497. Alexandria city, Louisiana *
2498. Ascension Parish, Louisiana *
2499. Avoyelles Parish, Louisiana *
2500. Baton Rouge city, Louisiana *
2501. Beauregard Parish, Louisiana *
2502. Bossier City city, Louisiana *
2503. Bossier Parish, Louisiana *
2504. Caddo Parish, Louisiana *
2505. Calcasieu Parish, Louisiana *
2506. East Baton Rouge Parish, Louisiana *
2507. Evangeline Parish, Louisiana *
2508. Iberia Parish, Louisiana *
2509. Iberville Parish, Louisiana *
2510. Jefferson Davis Parish, Louisiana *
2511. Jefferson Parish, Louisiana *
2512. Kenner city, Louisiana *
2513. Lafayette city, Louisiana *
2514. Lafayette Parish, Louisiana *
2515. Lafourche Parish, Louisiana *
2516. Lake Charles city, Louisiana *
2517. Lincoln Parish, Louisiana *
2518. Livingston Parish, Louisiana *
2519. Monroe city, Louisiana *
2520. Natchitoches Parish, Louisiana *
2521. New Orleans city / Orleans Parish, Louisiana *
2522. Ouachita Parish, Louisiana *
2523. Rapides Parish, Louisiana *
2524. Shreveport city, Louisiana *
2525. St. Bernard Parish, Louisiana *
2526. St. Charles Parish, Louisiana *
2527. St. John the Baptist Parish, Louisiana *
2528. St. Landry Parish, Louisiana *
2529. St. Martin Parish, Louisiana *
2530. St. Mary Parish, Louisiana *
2531. St. Tammany Parish, Louisiana *
2532. Tangipahoa Parish, Louisiana *
2533. Terrebonne Parish, Louisiana *
2534. Vermilion Parish, Louisiana *
2535. Vernon Parish, Louisiana *

2536. Washington Parish, Louisiana *
2537. Webster Parish, Louisiana *
2538. Abbeville city, Louisiana
2539. Allen Parish, Louisiana
2540. Assumption Parish, Louisiana
2541. Baker city, Louisiana
2542. Bastrop city, Louisiana
2543. Bienville Parish, Louisiana
2544. Bogalusa city, Louisiana
2545. Broussard city, Louisiana
2546. Central city, Louisiana
2547. Claiborne Parish, Louisiana
2548. Concordia Parish, Louisiana
2549. Covington city, Louisiana
2550. Crowley city, Louisiana
2551. De Soto Parish, Louisiana
2552. DeRidder city, Louisiana
2553. East Feliciana Parish, Louisiana
2554. Franklin Parish, Louisiana
2555. Gonzales city, Louisiana
2556. Grant Parish, Louisiana
2557. Gretna city, Louisiana
2558. Hammond city, Louisiana
2559. Jackson Parish, Louisiana
2560. LaSalle Parish, Louisiana
2561. Madison Parish, Louisiana
2562. Mandeville city, Louisiana
2563. Minden city, Louisiana
2564. Morehouse Parish, Louisiana
2565. Morgan City city, Louisiana
2566. Natchitoches city, Louisiana
2567. New Iberia city, Louisiana
2568. Opelousas city, Louisiana
2569. Pineville city, Louisiana
2570. Plaquemines Parish, Louisiana
2571. Pointe Coupee Parish, Louisiana
2572. Richland Parish, Louisiana
2573. Ruston city, Louisiana
2574. Sabine Parish, Louisiana
2575. Slidell city, Louisiana
2576. St. Helena Parish, Louisiana
2577. St. James Parish, Louisiana
2578. Sulphur city, Louisiana
2579. Thibodaux city, Louisiana
2580. Union Parish, Louisiana
2581. West Baton Rouge Parish, Louisiana
2582. West Carroll Parish, Louisiana
2583. West Feliciana Parish, Louisiana
2584. West Monroe city, Louisiana
2585. Winn Parish, Louisiana
2586. Youngsville city, Louisiana
2587. Zachary city, Louisiana
2588. Androscoggin County, Maine *
2589. Aroostook County, Maine *
2590. Bangor city, Maine *
2591. Cumberland County, Maine *
2592. Franklin County, Maine *
2593. Hancock County, Maine *
2594. Kennebec County, Maine *
2595. Knox County, Maine *
2596. Lewiston city, Maine *
2597. Lincoln County, Maine *
2598. Oxford County, Maine *
2599. Penobscot County, Maine *
2600. Portland city, Maine *
2601. Sagadahoc County, Maine *
2602. Somerset County, Maine *
2603. Waldo County, Maine *
2604. Washington County, Maine *
2605. York County, Maine *
2606. Auburn city, Maine
2607. Augusta city, Maine
2608. Biddeford city, Maine
2609. Brunswick town, Maine
2610. Falmouth town, Maine
2611. Gorham town, Maine
2612. Kennebunk town, Maine
2613. Orono town, Maine
2614. Piscataquis County, Maine
2615. Saco city, Maine
2616. Sanford city, Maine
2617. Scarborough town, Maine
2618. South Portland city, Maine
2619. Standish town, Maine
2620. Waterville city, Maine
2621. Wells town, Maine
2622. Westbrook city, Maine
2623. Windham town, Maine
2624. York town, Maine
2625. Allegany County, Maryland *
2626. Annapolis city, Maryland *
2627. Anne Arundel County, Maryland *
2628. Baltimore city, Maryland *
2629. Baltimore County, Maryland *
2630. Bowie city, Maryland *
2631. Calvert County, Maryland *
2632. Caroline County, Maryland *
2633. Carroll County, Maryland *
2634. Cecil County, Maryland *
2635. Charles County, Maryland *
2636. College Park city, Maryland *
2637. Dorchester County, Maryland *
2638. Frederick city, Maryland *
2639. Frederick County, Maryland *
2640. Gaithersburg city, Maryland *
2641. Hagerstown city, Maryland *
2642. Harford County, Maryland *
2643. Howard County, Maryland *
2644. Montgomery County, Maryland *
2645. Prince George's County, Maryland *
2646. Queen Anne's County, Maryland *
2647. Rockville city, Maryland *
2648. Salisbury city, Maryland *
2649. St. Mary's County, Maryland *
2650. Talbot County, Maryland *
2651. Washington County, Maryland *
2652. Wicomico County, Maryland *
2653. Worcester County, Maryland *
2654. Aberdeen city, Maryland
2655. Bel Air town, Maryland
2656. Cambridge city, Maryland
2657. Cumberland city, Maryland
2658. Easton town, Maryland
2659. Elkton town, Maryland
2660. Garrett County, Maryland
2661. Greenbelt city, Maryland
2662. Havre de Grace city, Maryland
2663. Hyattsville city, Maryland
2664. Kent County, Maryland
2665. Laurel city, Maryland
2666. New Carrollton city, Maryland
2667. Somerset County, Maryland
2668. Takoma Park city, Maryland
2669. Westminster city, Maryland
2670. Amherst town, Massachusetts *
2671. Andover town, Massachusetts *
2672. Arlington town, Massachusetts *
2673. Attleboro city, Massachusetts *
2674. Barnstable County, Massachusetts *
2675. Barnstable Town city, Massachusetts *
2676. Beverly city, Massachusetts *
2677. Billerica town, Massachusetts *
2678. Boston city, Massachusetts *
2679. Braintree Town city, Massachusetts *

2680. Bristol County, Massachusetts *
2681. Brockton city, Massachusetts *
2682. Brookline town, Massachusetts *
2683. Cambridge city, Massachusetts *
2684. Chelmsford town, Massachusetts *
2685. Chelsea city, Massachusetts *
2686. Chicopee city, Massachusetts *
2687. Dartmouth town, Massachusetts *
2688. Dracut town, Massachusetts *
2689. Everett city, Massachusetts *
2690. Fall River city, Massachusetts *
2691. Falmouth town, Massachusetts *
2692. Fitchburg city, Massachusetts *
2693. Framingham city, Massachusetts *
2694. Franklin Town city, Massachusetts *
2695. Gloucester city, Massachusetts *
2696. Haverhill city, Massachusetts *
2697. Holyoke city, Massachusetts *
2698. Lawrence city, Massachusetts *
2699. Leominster city, Massachusetts *
2700. Lexington town, Massachusetts *
2701. Lowell city, Massachusetts *
2702. Lynn city, Massachusetts *
2703. Malden city, Massachusetts *
2704. Marlborough city, Massachusetts *
2705. Medford city, Massachusetts *
2706. Methuen Town city, Massachusetts *
2707. Natick town, Massachusetts *
2708. Needham town, Massachusetts *
2709. New Bedford city, Massachusetts *
2710. Newton city, Massachusetts *
2711. Norfolk County, Massachusetts *
2712. North Andover town, Massachusetts *
2713. Peabody city, Massachusetts *
2714. Pittsfield city, Massachusetts *
2715. Plymouth County, Massachusetts *
2716. Plymouth town, Massachusetts *
2717. Quincy city, Massachusetts *
2718. Randolph Town city, Massachusetts *
2719. Revere city, Massachusetts *
2720. Salem city, Massachusetts *
2721. Shrewsbury town, Massachusetts *
2722. Somerville city, Massachusetts *
2723. Springfield city, Massachusetts *
2724. Taunton city, Massachusetts *
2725. Tewksbury town, Massachusetts *
2726. Waltham city, Massachusetts *
2727. Watertown Town city, Massachusetts *
2728. Westfield city, Massachusetts *
2729. Weymouth Town city, Massachusetts *
2730. Woburn city, Massachusetts *
2731. Worcester city, Massachusetts *
2732. Abington town, Massachusetts
2733. Acton town, Massachusetts
2734. Acushnet town, Massachusetts
2735. Agawam Town city, Massachusetts
2736. Amesbury Town city, Massachusetts
2737. Ashland town, Massachusetts
2738. Athol town, Massachusetts
2739. Auburn town, Massachusetts
2740. Bedford town, Massachusetts
2741. Belchertown town, Massachusetts
2742. Bellingham town, Massachusetts
2743. Belmont town, Massachusetts
2744. Bourne town, Massachusetts
2745. Bridgewater Town city, Massachusetts
2746. Burlington town, Massachusetts
2747. Canton town, Massachusetts
2748. Carver town, Massachusetts
2749. Charlton town, Massachusetts
2750. Clinton town, Massachusetts
2751. Concord town, Massachusetts
2752. Danvers town, Massachusetts
2753. Dedham town, Massachusetts
2754. Dennis town, Massachusetts
2755. Dudley town, Massachusetts
2756. Dukes County, Massachusetts
2757. Duxbury town, Massachusetts
2758. East Bridgewater town, Massachusetts
2759. East Longmeadow town, Massachusetts
2760. Easthampton Town city, Massachusetts
2761. Easton town, Massachusetts
2762. Fairhaven town, Massachusetts
2763. Foxborough town, Massachusetts
2764. Gardner city, Massachusetts
2765. Grafton town, Massachusetts
2766. Greenfield Town city, Massachusetts
2767. Groton town, Massachusetts
2768. Hanover town, Massachusetts
2769. Hanson town, Massachusetts
2770. Harwich town, Massachusetts
2771. Hingham town, Massachusetts
2772. Holbrook town, Massachusetts
2773. Holden town, Massachusetts
2774. Holliston town, Massachusetts
2775. Hopkinton town, Massachusetts
2776. Hudson town, Massachusetts
2777. Hull town, Massachusetts
2778. Ipswich town, Massachusetts
2779. Kingston town, Massachusetts
2780. Lakeville town, Massachusetts
2781. Leicester town, Massachusetts
2782. Littleton town, Massachusetts
2783. Longmeadow town, Massachusetts
2784. Ludlow town, Massachusetts
2785. Lunenburg town, Massachusetts
2786. Lynnfield town, Massachusetts
2787. Mansfield town, Massachusetts
2788. Marblehead town, Massachusetts
2789. Marshfield town, Massachusetts
2790. Mashpee town, Massachusetts
2791. Maynard town, Massachusetts

2792. Medfield town, Massachusetts
2793. Medway town, Massachusetts
2794. Melrose city, Massachusetts
2795. Middleborough town, Massachusetts
2796. Middleton town, Massachusetts
2797. Milford town, Massachusetts
2798. Millbury town, Massachusetts
2799. Milton town, Massachusetts
2800. Nantucket town, Massachusetts
2801. Newburyport city, Massachusetts
2802. Norfolk town, Massachusetts
2803. North Adams city, Massachusetts
2804. North Attleborough town, Massachusetts
2805. North Reading town, Massachusetts
2806. Northampton city, Massachusetts
2807. Northborough town, Massachusetts
2808. Northbridge town, Massachusetts
2809. Norton town, Massachusetts
2810. Norwell town, Massachusetts
2811. Norwood town, Massachusetts
2812. Oxford town, Massachusetts
2813. Palmer Town city, Massachusetts
2814. Pembroke town, Massachusetts
2815. Pepperell town, Massachusetts
2816. Raynham town, Massachusetts
2817. Reading town, Massachusetts
2818. Rehoboth town, Massachusetts
2819. Rockland town, Massachusetts
2820. Sandwich town, Massachusetts
2821. Saugus town, Massachusetts
2822. Scituate town, Massachusetts
2823. Seekonk town, Massachusetts
2824. Sharon town, Massachusetts
2825. Somerset town, Massachusetts
2826. South Hadley town, Massachusetts
2827. Southborough town, Massachusetts
2828. Southbridge Town city, Massachusetts
2829. Spencer town, Massachusetts
2830. Stoneham town, Massachusetts
2831. Stoughton town, Massachusetts
2832. Sudbury town, Massachusetts
2833. Swampscott town, Massachusetts
2834. Swansea town, Massachusetts
2835. Tyngsborough town, Massachusetts
2836. Uxbridge town, Massachusetts
2837. Wakefield town, Massachusetts
2838. Walpole town, Massachusetts
2839. Wareham town, Massachusetts
2840. Wayland town, Massachusetts
2841. Webster town, Massachusetts
2842. Wellesley town, Massachusetts
2843. West Springfield Town city, Massachusetts
2844. Westborough town, Massachusetts
2845. Westford town, Massachusetts
2846. Weston town, Massachusetts
2847. Westport town, Massachusetts
2848. Westwood town, Massachusetts
2849. Whitman town, Massachusetts
2850. Wilbraham town, Massachusetts
2851. Wilmington town, Massachusetts
2852. Winchendon town, Massachusetts
2853. Winchester town, Massachusetts
2854. Winthrop Town city, Massachusetts
2855. Wrentham town, Massachusetts
2856. Yarmouth town, Massachusetts
2857. Allegan County, Michigan *
2858. Ann Arbor city, Michigan *
2859. Barry County, Michigan *
2860. Battle Creek city, Michigan *
2861. Bay City city, Michigan *
2862. Bay County, Michigan *
2863. Bedford township, Michigan *
2864. Berrien County, Michigan *
2865. Bloomfield charter township, Michigan *
2866. Branch County, Michigan *
2867. Brownstown charter township, Michigan *
2868. Calhoun County, Michigan *
2869. Canton charter township, Michigan *
2870. Cass County, Michigan *
2871. Chesterfield township, Michigan *
2872. Chippewa County, Michigan *
2873. Clare County, Michigan *
2874. Clinton charter township, Michigan *
2875. Clinton County, Michigan *
2876. Commerce charter township, Michigan *
2877. Dearborn city, Michigan *
2878. Dearborn Heights city, Michigan *
2879. Delta charter township, Michigan *
2880. Delta County, Michigan *
2881. Detroit city, Michigan *
2882. East Lansing city, Michigan *
2883. Eastpointe city, Michigan *
2884. Eaton County, Michigan *
2885. Emmet County, Michigan *
2886. Farmington Hills city, Michigan *
2887. Flint charter township, Michigan *
2888. Flint city, Michigan *
2889. Genesee County, Michigan *
2890. Georgetown charter township, Michigan *
2891. Grand Blanc charter township, Michigan *
2892. Grand Rapids city, Michigan *
2893. Grand Traverse County, Michigan *
2894. Gratiot County, Michigan *
2895. Hillsdale County, Michigan *
2896. Holland charter township, Michigan *
2897. Holland city, Michigan *
2898. Houghton County, Michigan *
2899. Huron County, Michigan *
2900. Independence charter township, Michigan *
2901. Ingham County, Michigan *
2902. Ionia County, Michigan *
2903. Isabella County, Michigan *
2904. Jackson city, Michigan *
2905. Jackson County, Michigan *
2906. Kalamazoo city, Michigan *
2907. Kalamazoo County, Michigan *
2908. Kent County, Michigan *
2909. Kentwood city, Michigan *

2910. Lansing city, Michigan *
2911. Lapeer County, Michigan *
2912. Lenawee County, Michigan *
2913. Lincoln Park city, Michigan *
2914. Livingston County, Michigan *
2915. Livonia city, Michigan *
2916. Macomb County, Michigan *
2917. Macomb township, Michigan *
2918. Marquette County, Michigan *
2919. Mecosta County, Michigan *
2920. Meridian charter township, Michigan *
2921. Midland city, Michigan *
2922. Midland County, Michigan *
2923. Monroe County, Michigan *
2924. Montcalm County, Michigan *
2925. Muskegon city, Michigan *
2926. Muskegon County, Michigan *
2927. Newaygo County, Michigan *
2928. Novi city, Michigan *
2929. Oakland County, Michigan *
2930. Orion charter township, Michigan *
2931. Ottawa County, Michigan *
2932. Pittsfield charter township, Michigan *
2933. Plainfield charter township, Michigan *
2934. Pontiac city, Michigan *
2935. Portage city, Michigan *
2936. Redford charter township, Michigan *
2937. Rochester Hills city, Michigan *
2938. Roseville city, Michigan *
2939. Royal Oak city, Michigan *
2940. Saginaw charter township, Michigan *
2941. Saginaw city, Michigan *
2942. Saginaw County, Michigan *
2943. Sanilac County, Michigan *
2944. Shelby charter township, Michigan *
2945. Shiawassee County, Michigan *
2946. Southfield city, Michigan *
2947. St. Clair County, Michigan *
2948. St. Clair Shores city, Michigan *
2949. St. Joseph County, Michigan *
2950. Sterling Heights city, Michigan *
2951. Taylor city, Michigan *
2952. Troy city, Michigan *
2953. Tuscola County, Michigan *
2954. Van Buren County, Michigan *
2955. Warren city, Michigan *
2956. Washtenaw County, Michigan *
2957. Waterford charter township, Michigan *
2958. Wayne County, Michigan *
2959. West Bloomfield charter township, Michigan *
2960. Westland city, Michigan *
2961. Wexford County, Michigan *
2962. White Lake charter township, Michigan *
2963. Wyoming city, Michigan *
2964. Ypsilanti charter township, Michigan *
2965. Ada township, Michigan
2966. Adrian city, Michigan
2967. Alcona County, Michigan
2968. Algoma township, Michigan
2969. Allen Park city, Michigan
2970. Allendale charter township, Michigan
2971. Alpena County, Michigan
2972. Alpine township, Michigan
2973. Antrim County, Michigan
2974. Antwerp township, Michigan
2975. Arenac County, Michigan
2976. Auburn Hills city, Michigan
2977. Bangor charter township, Michigan
2978. Bath charter township, Michigan
2979. Benton charter township, Michigan
2980. Benzie County, Michigan
2981. Berkley city, Michigan
2982. Beverly Hills village, Michigan
2983. Big Rapids city, Michigan
2984. Birmingham city, Michigan
2985. Blackman charter township, Michigan
2986. Brandon charter township, Michigan
2987. Brighton township, Michigan
2988. Burton city, Michigan
2989. Byron township, Michigan
2990. Cadillac city, Michigan
2991. Caledonia township, Michigan
2992. Cannon township, Michigan
2993. Cascade charter township, Michigan
2994. Charlevoix County, Michigan
2995. Cheboygan County, Michigan
2996. Clawson city, Michigan
2997. Coldwater city, Michigan
2998. Comstock charter township, Michigan
2999. Cooper charter township, Michigan
3000. Crawford County, Michigan
3001. Davison township, Michigan
3002. Delhi charter township, Michigan
3003. DeWitt charter township, Michigan
3004. Dickinson County, Michigan
3005. East Bay township, Michigan
3006. East Grand Rapids city, Michigan
3007. Egelston township, Michigan
3008. Emmett charter township, Michigan
3009. Escanaba city, Michigan
3010. Farmington city, Michigan
3011. Fenton charter township, Michigan
3012. Fenton city, Michigan
3013. Ferndale city, Michigan
3014. Flat Rock city, Michigan
3015. Flushing charter township, Michigan
3016. Fort Gratiot charter township, Michigan
3017. Fraser city, Michigan
3018. Frenchtown township, Michigan
3019. Fruitport charter township, Michigan
3020. Gaines charter township, Michigan
3021. Garden City city, Michigan
3022. Garfield charter township, Michigan
3023. Genesee charter township, Michigan
3024. Genoa township, Michigan
3025. Gladwin County, Michigan
3026. Gogebic County, Michigan
3027. Grand Haven charter township, Michigan
3028. Grand Haven city, Michigan
3029. Grand Rapids charter township, Michigan
3030. Grandville city, Michigan

3031. Green Oak township, Michigan
3032. Grosse Ile township, Michigan
3033. Grosse Pointe Park city, Michigan
3034. Grosse Pointe Woods city, Michigan
3035. Hamburg township, Michigan
3036. Hamtramck city, Michigan
3037. Harper Woods city, Michigan
3038. Harrison charter township, Michigan
3039. Hartland township, Michigan
3040. Hazel Park city, Michigan
3041. Highland charter township, Michigan
3042. Highland Park city, Michigan
3043. Holly township, Michigan
3044. Huron charter township, Michigan
3045. Inkster city, Michigan
3046. Ionia city, Michigan
3047. Iosco County, Michigan
3048. Iron County, Michigan
3049. Kalamazoo charter township, Michigan
3050. Kalkaska County, Michigan
3051. Lake County, Michigan
3052. Leelanau County, Michigan
3053. Lenox township, Michigan
3054. Leoni township, Michigan
3055. Lincoln charter township, Michigan
3056. Lyon charter township, Michigan
3057. Mackinac County, Michigan
3058. Madison Heights city, Michigan
3059. Manistee County, Michigan
3060. Marion township, Michigan
3061. Marquette city, Michigan
3062. Mason County, Michigan
3063. Melvindale city, Michigan
3064. Menominee County, Michigan
3065. Milford charter township, Michigan
3066. Missaukee County, Michigan
3067. Monitor charter township, Michigan
3068. Monroe charter township, Michigan
3069. Monroe city, Michigan
3070. Mount Clemens city, Michigan
3071. Mount Morris township, Michigan
3072. Mount Pleasant city, Michigan
3073. Mundy township, Michigan
3074. Muskegon charter township, Michigan
3075. Muskegon Heights city, Michigan
3076. New Baltimore city, Michigan
3077. Niles city, Michigan
3078. Niles township, Michigan
3079. Northville township, Michigan
3080. Norton Shores city, Michigan
3081. Oak Park city, Michigan
3082. Oakland charter township, Michigan
3083. Oceana County, Michigan
3084. Oceola township, Michigan
3085. Ogemaw County, Michigan
3086. Osceola County, Michigan
3087. Oshtemo charter township, Michigan
3088. Otsego County, Michigan
3089. Owosso city, Michigan
3090. Oxford charter township, Michigan
3091. Park township, Michigan
3092. Plymouth charter township, Michigan
3093. Port Huron charter township, Michigan
3094. Port Huron city, Michigan
3095. Presque Isle County, Michigan
3096. Riverview city, Michigan
3097. Rochester city, Michigan
3098. Romulus city, Michigan
3099. Roscommon County, Michigan
3100. Sault Ste. Marie city, Michigan
3101. Scio township, Michigan
3102. South Lyon city, Michigan
3103. Southfield township, Michigan
3104. Southgate city, Michigan
3105. Spring Lake township, Michigan
3106. Springfield charter township, Michigan
3107. Sturgis city, Michigan
3108. Summit township, Michigan
3109. Superior charter township, Michigan
3110. Texas charter township, Michigan
3111. Thomas township, Michigan
3112. Traverse City city, Michigan
3113. Trenton city, Michigan
3114. Tyrone township, Michigan
3115. Union charter township, Michigan
3116. Van Buren charter township, Michigan
3117. Vienna charter township, Michigan
3118. Walker city, Michigan
3119. Washington township, Michigan
3120. Wayne city, Michigan
3121. Wixom city, Michigan
3122. Woodhaven city, Michigan
3123. Wyandotte city, Michigan
3124. Ypsilanti city, Michigan
3125. Zeeland charter township, Michigan
3126. Andover city, Minnesota *
3127. Anoka County, Minnesota *
3128. Apple Valley city, Minnesota *
3129. Becker County, Minnesota *
3130. Beltrami County, Minnesota *
3131. Benton County, Minnesota *
3132. Blaine city, Minnesota *
3133. Bloomington city, Minnesota *
3134. Blue Earth County, Minnesota *
3135. Brooklyn Center city, Minnesota *
3136. Brooklyn Park city, Minnesota *
3137. Burnsville city, Minnesota *
3138. Carlton County, Minnesota *
3139. Carver County, Minnesota *
3140. Chisago County, Minnesota *
3141. Clay County, Minnesota *
3142. Coon Rapids city, Minnesota *
3143. Cottage Grove city, Minnesota *
3144. Crow Wing County, Minnesota *
3145. Dakota County, Minnesota *
3146. Douglas County, Minnesota *
3147. Duluth city, Minnesota *
3148. Eagan city, Minnesota *
3149. Eden Prairie city, Minnesota *
3150. Edina city, Minnesota *
3151. Freeborn County, Minnesota *
3152. Goodhue County, Minnesota *
3153. Hennepin County, Minnesota *

3154. Inver Grove Heights city, Minnesota *
3155. Isanti County, Minnesota *
3156. Itasca County, Minnesota *
3157. Kandiyohi County, Minnesota *
3158. Lakeville city, Minnesota *
3159. Mankato city, Minnesota *
3160. Maple Grove city, Minnesota *
3161. Maplewood city, Minnesota *
3162. McLeod County, Minnesota *
3163. Minneapolis city, Minnesota *
3164. Minnetonka city, Minnesota *
3165. Moorhead city, Minnesota *
3166. Morrison County, Minnesota *
3167. Mower County, Minnesota *
3168. Nicollet County, Minnesota *
3169. Olmsted County, Minnesota *
3170. Otter Tail County, Minnesota *
3171. Plymouth city, Minnesota *
3172. Polk County, Minnesota *
3173. Ramsey County, Minnesota *
3174. Rice County, Minnesota *
3175. Richfield city, Minnesota *
3176. Rochester city, Minnesota *
3177. Roseville city, Minnesota *
3178. Savage city, Minnesota *
3179. Scott County, Minnesota *
3180. Shakopee city, Minnesota *
3181. Sherburne County, Minnesota *
3182. St. Cloud city, Minnesota *
3183. St. Louis County, Minnesota *
3184. St. Louis Park city, Minnesota *
3185. St. Paul city, Minnesota *
3186. Stearns County, Minnesota *
3187. Steele County, Minnesota *
3188. Washington County, Minnesota *
3189. Winona County, Minnesota *
3190. Woodbury city, Minnesota *
3191. Wright County, Minnesota *
3192. Aitkin County, Minnesota
3193. Albert Lea city, Minnesota
3194. Alexandria city, Minnesota
3195. Anoka city, Minnesota
3196. Arden Hills city, Minnesota
3197. Austin city, Minnesota
3198. Bemidji city, Minnesota
3199. Big Lake city, Minnesota
3200. Brainerd city, Minnesota
3201. Brown County, Minnesota
3202. Buffalo city, Minnesota
3203. Cass County, Minnesota
3204. Champlin city, Minnesota
3205. Chanhassen city, Minnesota
3206. Chaska city, Minnesota
3207. Chippewa County, Minnesota
3208. Cloquet city, Minnesota
3209. Columbia Heights city, Minnesota
3210. Cottonwood County, Minnesota
3211. Crystal city, Minnesota
3212. Dodge County, Minnesota
3213. East Bethel city, Minnesota
3214. Elk River city, Minnesota
3215. Fairmont city, Minnesota
3216. Faribault city, Minnesota
3217. Faribault County, Minnesota
3218. Farmington city, Minnesota
3219. Fergus Falls city, Minnesota
3220. Fillmore County, Minnesota
3221. Forest Lake city, Minnesota
3222. Fridley city, Minnesota
3223. Golden Valley city, Minnesota
3224. Grand Rapids city, Minnesota
3225. Ham Lake city, Minnesota
3226. Hastings city, Minnesota
3227. Hibbing city, Minnesota
3228. Hopkins city, Minnesota
3229. Houston County, Minnesota
3230. Hubbard County, Minnesota
3231. Hugo city, Minnesota
3232. Hutchinson city, Minnesota
3233. Kanabec County, Minnesota
3234. Koochiching County, Minnesota
3235. Lake County, Minnesota
3236. Le Sueur County, Minnesota
3237. Lino Lakes city, Minnesota
3238. Little Canada city, Minnesota
3239. Lyon County, Minnesota
3240. Marshall city, Minnesota
3241. Martin County, Minnesota
3242. Meeker County, Minnesota
3243. Mendota Heights city, Minnesota
3244. Mille Lacs County, Minnesota
3245. Monticello city, Minnesota
3246. Mounds View city, Minnesota
3247. New Brighton city, Minnesota
3248. New Hope city, Minnesota
3249. New Ulm city, Minnesota
3250. Nobles County, Minnesota
3251. North Branch city, Minnesota
3252. North Mankato city, Minnesota
3253. North St. Paul city, Minnesota
3254. Northfield city, Minnesota
3255. Oakdale city, Minnesota
3256. Otsego city, Minnesota
3257. Owatonna city, Minnesota
3258. Pennington County, Minnesota
3259. Pine County, Minnesota
3260. Pope County, Minnesota
3261. Prior Lake city, Minnesota
3262. Ramsey city, Minnesota
3263. Red Wing city, Minnesota
3264. Redwood County, Minnesota
3265. Renville County, Minnesota
3266. Robbinsdale city, Minnesota
3267. Rogers city, Minnesota
3268. Roseau County, Minnesota
3269. Rosemount city, Minnesota
3270. Sartell city, Minnesota
3271. Sauk Rapids city, Minnesota
3272. Shoreview city, Minnesota
3273. Sibley County, Minnesota
3274. South St. Paul city, Minnesota
3275. St. Michael city, Minnesota
3276. St. Peter city, Minnesota
3277. Stillwater city, Minnesota
3278. Todd County, Minnesota
3279. Vadnais Heights city, Minnesota
3280. Victoria city, Minnesota
3281. Wabasha County, Minnesota
3282. Waconia city, Minnesota
3283. Wadena County, Minnesota
3284. Waseca County, Minnesota
3285. Watonwan County, Minnesota
3286. West St. Paul city, Minnesota
3287. White Bear Lake city, Minnesota
3288. White Bear township, Minnesota
3289. Willmar city, Minnesota
3290. Winona city, Minnesota
3291. Worthington city, Minnesota
3292. Adams County, Mississippi *
3293. Alcorn County, Mississippi *
3294. Biloxi city, Mississippi *
3295. Bolivar County, Mississippi *
3296. DeSoto County, Mississippi *
3297. Forrest County, Mississippi *
3298. Gulfport city, Mississippi *
3299. Hancock County, Mississippi *
3300. Harrison County, Mississippi *

3301. Hattiesburg city, Mississippi *
3302. Hinds County, Mississippi *
3303. Jackson city, Mississippi *
3304. Jackson County, Mississippi *
3305. Jones County, Mississippi *
3306. Lafayette County, Mississippi *
3307. Lamar County, Mississippi *
3308. Lauderdale County, Mississippi *
3309. Lee County, Mississippi *
3310. Lincoln County, Mississippi *
3311. Lowndes County, Mississippi *
3312. Madison County, Mississippi *
3313. Marshall County, Mississippi *
3314. Meridian city, Mississippi *
3315. Monroe County, Mississippi *
3316. Oktibbeha County, Mississippi *
3317. Olive Branch city, Mississippi *
3318. Panola County, Mississippi *
3319. Pearl River County, Mississippi *
3320. Pike County, Mississippi *
3321. Pontotoc County, Mississippi *
3322. Rankin County, Mississippi *
3323. Southaven city, Mississippi *
3324. Tupelo city, Mississippi *
3325. Warren County, Mississippi *
3326. Washington County, Mississippi *
3327. Amite County, Mississippi
3328. Attala County, Mississippi
3329. Bay St. Louis city, Mississippi
3330. Brandon city, Mississippi
3331. Brookhaven city, Mississippi
3332. Byram city, Mississippi
3333. Calhoun County, Mississippi
3334. Canton city, Mississippi
3335. Chickasaw County, Mississippi
3336. Clarke County, Mississippi
3337. Clarksdale city, Mississippi
3338. Clay County, Mississippi
3339. Cleveland city, Mississippi
3340. Clinton city, Mississippi
3341. Coahoma County, Mississippi
3342. Columbus city, Mississippi
3343. Copiah County, Mississippi
3344. Corinth city, Mississippi
3345. Covington County, Mississippi
3346. D'Iberville city, Mississippi
3347. Gautier city, Mississippi
3348. George County, Mississippi
3349. Greene County, Mississippi
3350. Greenville city, Mississippi
3351. Greenwood city, Mississippi
3352. Grenada city, Mississippi
3353. Grenada County, Mississippi
3354. Hernando city, Mississippi
3355. Holmes County, Mississippi
3356. Horn Lake city, Mississippi
3357. Itawamba County, Mississippi
3358. Jasper County, Mississippi
3359. Jefferson Davis County, Mississippi
3360. Laurel city, Mississippi
3361. Lawrence County, Mississippi
3362. Leake County, Mississippi
3363. Leflore County, Mississippi
3364. Long Beach city, Mississippi
3365. Madison city, Mississippi
3366. Marion County, Mississippi
3367. McComb city, Mississippi
3368. Moss Point city, Mississippi
3369. Natchez city, Mississippi
3370. Neshoba County, Mississippi
3371. Newton County, Mississippi
3372. Noxubee County, Mississippi
3373. Ocean Springs city, Mississippi
3374. Oxford city, Mississippi
3375. Pascagoula city, Mississippi
3376. Pearl city, Mississippi
3377. Perry County, Mississippi
3378. Petal city, Mississippi
3379. Picayune city, Mississippi
3380. Prentiss County, Mississippi
3381. Ridgeland city, Mississippi
3382. Scott County, Mississippi
3383. Simpson County, Mississippi
3384. Smith County, Mississippi
3385. Starkville city, Mississippi
3386. Stone County, Mississippi
3387. Sunflower County, Mississippi
3388. Tallahatchie County, Mississippi
3389. Tate County, Mississippi
3390. Tippah County, Mississippi
3391. Tishomingo County, Mississippi
3392. Union County, Mississippi
3393. Vicksburg city, Mississippi
3394. Walthall County, Mississippi
3395. Wayne County, Mississippi
3396. West Point city, Mississippi
3397. Winston County, Mississippi
3398. Yalobusha County, Mississippi
3399. Yazoo City city, Mississippi
3400. Yazoo County, Mississippi
3401. Ballwin city, Missouri *
3402. Barry County, Missouri *
3403. Blue Springs city, Missouri *
3404. Boone County, Missouri *
3405. Buchanan County, Missouri *
3406. Butler County, Missouri *
3407. Callaway County, Missouri *
3408. Camden County, Missouri *
3409. Cape Girardeau city, Missouri *
3410. Cape Girardeau County, Missouri *
3411. Cass County, Missouri *
3412. Chesterfield city, Missouri *
3413. Christian County, Missouri *
3414. Clay County, Missouri *
3415. Cole County, Missouri *
3416. Columbia city, Missouri *
3417. Florissant city, Missouri *
3418. Franklin County, Missouri *
3419. Greene County, Missouri *
3420. Howell County, Missouri *
3421. Independence city, Missouri *
3422. Jackson County, Missouri *
3423. Jasper County, Missouri *
3424. Jefferson City city, Missouri *
3425. Jefferson County, Missouri *
3426. Johnson County, Missouri *
3427. Joplin city, Missouri *
3428. Kansas City city, Missouri *
3429. Laclede County, Missouri *
3430. Lafayette County, Missouri *
3431. Lawrence County, Missouri *
3432. Lee's Summit city, Missouri *
3433. Liberty city, Missouri *
3434. Lincoln County, Missouri *
3435. Newton County, Missouri *
3436. O'Fallon city, Missouri *
3437. Pettis County, Missouri *
3438. Phelps County, Missouri *
3439. Platte County, Missouri *
3440. Polk County, Missouri *
3441. Pulaski County, Missouri *
3442. Scott County, Missouri *
3443. Springfield city, Missouri *
3444. St. Charles city, Missouri *
3445. St. Charles County, Missouri *

3446. St. Francois County, Missouri *
3447. St. Joseph city, Missouri *
3448. St. Louis city, Missouri *
3449. St. Louis County, Missouri *
3450. St. Peters city, Missouri *
3451. Stone County, Missouri *
3452. Taney County, Missouri *
3453. University City city, Missouri *
3454. Warren County, Missouri *
3455. Webster County, Missouri *
3456. Wentzville city, Missouri *
3457. Wildwood city, Missouri *
3458. Adair County, Missouri
3459. Andrew County, Missouri
3460. Arnold city, Missouri
3461. Audrain County, Missouri
3462. Barton County, Missouri
3463. Bates County, Missouri
3464. Bellefontaine Neighbors city, Missouri
3465. Belton city, Missouri
3466. Benton County, Missouri
3467. Bolivar city, Missouri
3468. Bollinger County, Missouri
3469. Branson city, Missouri
3470. Bridgeton city, Missouri
3471. Carthage city, Missouri
3472. Cedar County, Missouri
3473. Clayton city, Missouri
3474. Clinton County, Missouri
3475. Cooper County, Missouri
3476. Crawford County, Missouri
3477. Crestwood city, Missouri
3478. Creve Coeur city, Missouri
3479. Dallas County, Missouri
3480. Dardenne Prairie city, Missouri
3481. DeKalb County, Missouri
3482. Dent County, Missouri
3483. Douglas County, Missouri
3484. Dunklin County, Missouri
3485. Eureka city, Missouri
3486. Excelsior Springs city, Missouri
3487. Farmington city, Missouri
3488. Ferguson city, Missouri
3489. Festus city, Missouri
3490. Fulton city, Missouri
3491. Gasconade County, Missouri
3492. Gladstone city, Missouri
3493. Grain Valley city, Missouri
3494. Grandview city, Missouri
3495. Hannibal city, Missouri
3496. Harrisonville city, Missouri
3497. Hazelwood city, Missouri
3498. Henry County, Missouri
3499. Howard County, Missouri
3500. Independence township, Missouri
3501. Iron County, Missouri
3502. Jackson city, Missouri
3503. Jennings city, Missouri
3504. Kearney city, Missouri
3505. Kennett city, Missouri
3506. Kirksville city, Missouri
3507. Kirkwood city, Missouri
3508. Lake St. Louis city, Missouri
3509. Lebanon city, Missouri
3510. Liberty township, Missouri
3511. Linn County, Missouri
3512. Livingston County, Missouri
3513. Macon County, Missouri
3514. Madison County, Missouri
3515. Manchester city, Missouri
3516. Marion County, Missouri
3517. Marshall city, Missouri
3518. Maryland Heights city, Missouri
3519. Maryville city, Missouri
3520. McDonald County, Missouri
3521. Mexico city, Missouri
3522. Miller County, Missouri
3523. Mississippi County, Missouri
3524. Moberly city, Missouri
3525. Moniteau County, Missouri
3526. Montgomery County, Missouri
3527. Morgan County, Missouri
3528. Neosho city, Missouri
3529. New Madrid County, Missouri
3530. Nixa city, Missouri
3531. Nodaway County, Missouri
3532. Oregon County, Missouri
3533. Osage County, Missouri
3534. Overland city, Missouri
3535. Ozark city, Missouri
3536. Pemiscot County, Missouri
3537. Perry County, Missouri
3538. Pike County, Missouri
3539. Polk township, Missouri
3540. Poplar Bluff city, Missouri
3541. Ralls County, Missouri
3542. Randolph County, Missouri
3543. Ray County, Missouri
3544. Raymore city, Missouri
3545. Raytown city, Missouri
3546. Republic city, Missouri
3547. Ripley County, Missouri
3548. Rolla city, Missouri
3549. Saline County, Missouri
3550. Sedalia city, Missouri
3551. Sikeston city, Missouri
3552. Smithville city, Missouri
3553. St. Ann city, Missouri
3554. Ste. Genevieve County, Missouri
3555. Stoddard County, Missouri
3556. Texas County, Missouri
3557. Town and Country city, Missouri
3558. Troy city, Missouri
3559. Union city, Missouri
3560. Vernon County, Missouri
3561. Warrensburg city, Missouri
3562. Washington city, Missouri
3563. Washington County, Missouri
3564. Wayne County, Missouri
3565. Webb City city, Missouri
3566. Webster Groves city, Missouri
3567. West Plains city, Missouri
3568. Wright County, Missouri
3569. Billings city, Montana *
3570. Bozeman city, Montana *
3571. Butte-Silver Bow, Montana *
3572. Cascade County, Montana *
3573. Flathead County, Montana *
3574. Gallatin County, Montana *
3575. Great Falls city, Montana *
3576. Helena city, Montana *
3577. Lake County, Montana *
3578. Lewis and Clark County, Montana *
3579. Missoula city, Montana *
3580. Missoula County, Montana *
3581. Ravalli County, Montana *
3582. Yellowstone County, Montana *
3583. Big Horn County, Montana
3584. Carbon County, Montana
3585. Custer County, Montana
3586. Fergus County, Montana
3587. Glacier County, Montana
3588. Hill County, Montana
3589. Jefferson County, Montana
3590. Kalispell city, Montana
3591. Lincoln County, Montana
3592. Park County, Montana
3593. Richland County, Montana
3594. Roosevelt County, Montana
3595. Sanders County, Montana
3596. Adams County, Nebraska *
3597. Bellevue city, Nebraska *
3598. Buffalo County, Nebraska *
3599. Dodge County, Nebraska *

3600. Douglas County, Nebraska *
3601. Grand Island city, Nebraska *
3602. Hall County, Nebraska *
3603. Kearney city, Nebraska *
3604. Lancaster County, Nebraska *
3605. Lincoln city, Nebraska *
3606. Lincoln County, Nebraska *
3607. Madison County, Nebraska *
3608. Omaha city, Nebraska *
3609. Platte County, Nebraska *
3610. Sarpy County, Nebraska *
3611. Scotts Bluff County, Nebraska *
3612. Beatrice city, Nebraska
3613. Box Butte County, Nebraska
3614. Cass County, Nebraska
3615. Colfax County, Nebraska
3616. Columbus city, Nebraska
3617. Custer County, Nebraska
3618. Dakota County, Nebraska
3619. Dawson County, Nebraska
3620. Fremont city, Nebraska
3621. Gage County, Nebraska
3622. Hastings city, Nebraska
3623. Holt County, Nebraska
3624. La Vista city, Nebraska
3625. Lexington city, Nebraska
3626. Norfolk city, Nebraska
3627. North Platte city, Nebraska
3628. Otoe County, Nebraska
3629. Papillion city, Nebraska
3630. Red Willow County, Nebraska
3631. Saline County, Nebraska
3632. Saunders County, Nebraska
3633. Scottsbluff city, Nebraska
3634. Seward County, Nebraska
3635. South Sioux City city, Nebraska
3636. Washington County, Nebraska
3637. York County, Nebraska
3638. Carson City, Nevada *
3639. Clark County, Nevada *
3640. Douglas County, Nevada *
3641. Elko County, Nevada *
3642. Henderson city, Nevada *
3643. Las Vegas city, Nevada *
3644. Lyon County, Nevada *
3645. North Las Vegas city, Nevada *
3646. Nye County, Nevada *
3647. Reno city, Nevada *
3648. Sparks city, Nevada *
3649. Washoe County, Nevada *
3650. Boulder City city, Nevada
3651. Churchill County, Nevada
3652. Elko city, Nevada
3653. Fernley city, Nevada
3654. Humboldt County, Nevada
3655. Mesquite city, Nevada
3656. Belknap County, New Hampshire *
3657. Carroll County, New Hampshire *
3658. Cheshire County, New Hampshire *
3659. Concord city, New Hampshire *
3660. Coos County, New Hampshire *
3661. Derry town, New Hampshire *
3662. Dover city, New Hampshire *
3663. Grafton County, New Hampshire *
3664. Hillsborough County, New Hampshire *
3665. Manchester city, New Hampshire *
3666. Merrimack County, New Hampshire *
3667. Nashua city, New Hampshire *
3668. Rochester city, New Hampshire *
3669. Rockingham County, New Hampshire *
3670. Strafford County, New Hampshire *
3671. Sullivan County, New Hampshire *
3672. Amherst town, New Hampshire
3673. Bedford town, New Hampshire
3674. Berlin city, New Hampshire
3675. Claremont city, New Hampshire
3676. Conway town, New Hampshire
3677. Durham town, New Hampshire
3678. Exeter town, New Hampshire
3679. Goffstown town, New Hampshire
3680. Hampton town, New Hampshire
3681. Hanover town, New Hampshire
3682. Hooksett town, New Hampshire
3683. Hudson town, New Hampshire
3684. Keene city, New Hampshire
3685. Laconia city, New Hampshire
3686. Lebanon city, New Hampshire
3687. Londonderry town, New Hampshire
3688. Merrimack town, New Hampshire
3689. Milford town, New Hampshire
3690. Pelham town, New Hampshire
3691. Portsmouth city, New Hampshire
3692. Raymond town, New Hampshire
3693. Salem town, New Hampshire
3694. Somersworth city, New Hampshire
3695. Windham town, New Hampshire
3696. Atlantic City city, New Jersey *
3697. Atlantic County, New Jersey *
3698. Bayonne city, New Jersey *
3699. Belleville township, New Jersey *
3700. Bergen County, New Jersey *
3701. Berkeley township, New Jersey *
3702. Bloomfield township, New Jersey *
3703. Brick township, New Jersey *
3704. Bridgewater township, New Jersey *
3705. Burlington County, New Jersey *
3706. Camden city, New Jersey *
3707. Camden County, New Jersey *
3708. Cape May County, New Jersey *
3709. Cherry Hill township, New Jersey *
3710. City of Orange township, New Jersey *
3711. Clifton city, New Jersey *
3712. Cumberland County, New Jersey *
3713. Deptford township, New Jersey *
3714. East Brunswick township, New Jersey *
3715. East Orange city, New Jersey *
3716. Edison township, New Jersey *
3717. Egg Harbor township, New Jersey *

3718. Elizabeth city, New Jersey *
3719. Essex County, New Jersey *
3720. Evesham township, New Jersey *
3721. Ewing township, New Jersey *
3722. Fair Lawn borough, New Jersey *
3723. Fort Lee borough, New Jersey *
3724. Franklin township, New Jersey *
3725. Freehold township, New Jersey *
3726. Galloway township, New Jersey *
3727. Garfield city, New Jersey *
3728. Gloucester County, New Jersey *
3729. Gloucester township, New Jersey *
3730. Hackensack city, New Jersey *
3731. Hamilton township, New Jersey *
3732. Hillsborough township, New Jersey *
3733. Hoboken city, New Jersey *
3734. Howell township, New Jersey *
3735. Hudson County, New Jersey *
3736. Hunterdon County, New Jersey *
3737. Irvington township, New Jersey *
3738. Jackson township, New Jersey *
3739. Jersey City city, New Jersey *
3740. Kearny town, New Jersey *
3741. Lakewood township, New Jersey *
3742. Lawrence township, New Jersey *
3743. Linden city, New Jersey *
3744. Livingston township, New Jersey *
3745. Long Branch city, New Jersey *
3746. Manalapan township, New Jersey *
3747. Manchester township, New Jersey *
3748. Marlboro township, New Jersey *
3749. Mercer County, New Jersey *
3750. Middlesex County, New Jersey *
3751. Middletown township, New Jersey *
3752. Monmouth County, New Jersey *
3753. Monroe township, New Jersey *
3754. Monroe township, New Jersey *
3755. Montclair township, New Jersey *
3756. Morris County, New Jersey *
3757. Mount Laurel township, New Jersey *
3758. New Brunswick city, New Jersey *
3759. Newark city, New Jersey *
3760. North Bergen township, New Jersey *
3761. North Brunswick township, New Jersey *
3762. Ocean County, New Jersey *
3763. Old Bridge township, New Jersey *
3764. Parsippany-Troy Hills township, New Jersey *
3765. Passaic city, New Jersey *
3766. Passaic County, New Jersey *
3767. Paterson city, New Jersey *
3768. Pennsauken township, New Jersey *
3769. Perth Amboy city, New Jersey *
3770. Piscataway township, New Jersey *
3771. Plainfield city, New Jersey *
3772. Princeton, New Jersey *
3773. Salem County, New Jersey *
3774. Sayreville borough, New Jersey *
3775. Somerset County, New Jersey *
3776. South Brunswick township, New Jersey *
3777. Sussex County, New Jersey *
3778. Teaneck township, New Jersey *
3779. Toms River township, New Jersey *
3780. Trenton city, New Jersey *
3781. Union City city, New Jersey *
3782. Union County, New Jersey *
3783. Union township, New Jersey *
3784. Vineland city, New Jersey *
3785. Warren County, New Jersey *
3786. Washington township, New Jersey *
3787. Wayne township, New Jersey *
3788. West New York town, New Jersey *
3789. West Orange township, New Jersey *
3790. Willingboro township, New Jersey *
3791. Winslow township, New Jersey *
3792. Woodbridge township, New Jersey *
3793. Aberdeen township, New Jersey
3794. Asbury Park city, New Jersey
3795. Barnegat township, New Jersey
3796. Beachwood borough, New Jersey
3797. Bellmawr borough, New Jersey
3798. Bergenfield borough, New Jersey
3799. Berkeley Heights township, New Jersey
3800. Bernards township, New Jersey
3801. Bordentown township, New Jersey
3802. Bound Brook borough, New Jersey
3803. Branchburg township, New Jersey
3804. Bridgeton city, New Jersey
3805. Burlington township, New Jersey
3806. Carteret borough, New Jersey
3807. Cedar Grove township, New Jersey
3808. Chatham township, New Jersey
3809. Cinnaminson township, New Jersey
3810. Clark township, New Jersey
3811. Cliffside Park borough, New Jersey
3812. Clinton township, New Jersey
3813. Collingswood borough, New Jersey
3814. Cranford township, New Jersey
3815. Delran township, New Jersey

3816. Denville township, New Jersey
3817. Dover town, New Jersey
3818. Dumont borough, New Jersey
3819. East Greenwich township, New Jersey
3820. East Hanover township, New Jersey
3821. East Windsor township, New Jersey
3822. Eatontown borough, New Jersey
3823. Edgewater borough, New Jersey
3824. Elmwood Park borough, New Jersey
3825. Englewood city, New Jersey
3826. Fairview borough, New Jersey
3827. Florence township, New Jersey
3828. Florham Park borough, New Jersey
3829. Franklin Lakes borough, New Jersey
3830. Franklin township, New Jersey
3831. Freehold borough, New Jersey
3832. Glassboro borough, New Jersey
3833. Glen Rock borough, New Jersey
3834. Gloucester City city, New Jersey
3835. Guttenberg town, New Jersey
3836. Haddon township, New Jersey
3837. Haddonfield borough, New Jersey
3838. Hamilton township, New Jersey
3839. Hammonton town, New Jersey
3840. Hanover township, New Jersey
3841. Harrison town, New Jersey
3842. Harrison township, New Jersey
3843. Hasbrouck Heights borough, New Jersey
3844. Hawthorne borough, New Jersey
3845. Hazlet township, New Jersey
3846. Highland Park borough, New Jersey
3847. Hillsdale borough, New Jersey
3848. Hillside township, New Jersey
3849. Holmdel township, New Jersey
3850. Hopatcong borough, New Jersey
3851. Hopewell township, New Jersey
3852. Jefferson township, New Jersey
3853. Lacey township, New Jersey
3854. Lincoln Park borough, New Jersey
3855. Lindenwold borough, New Jersey
3856. Little Egg Harbor township, New Jersey
3857. Little Falls township, New Jersey
3858. Little Ferry borough, New Jersey
3859. Lodi borough, New Jersey
3860. Lower township, New Jersey
3861. Lumberton township, New Jersey
3862. Lyndhurst township, New Jersey
3863. Madison borough, New Jersey
3864. Mahwah township, New Jersey
3865. Mantua township, New Jersey
3866. Manville borough, New Jersey
3867. Maple Shade township, New Jersey
3868. Maplewood township, New Jersey
3869. Medford township, New Jersey
3870. Metuchen borough, New Jersey
3871. Middle township, New Jersey
3872. Middlesex borough, New Jersey
3873. Millburn township, New Jersey
3874. Millstone township, New Jersey
3875. Millville city, New Jersey
3876. Montgomery township, New Jersey
3877. Montville township, New Jersey
3878. Moorestown township, New Jersey
3879. Morris township, New Jersey
3880. Morristown town, New Jersey
3881. Mount Olive township, New Jersey
3882. Neptune township, New Jersey
3883. New Milford borough, New Jersey
3884. New Providence borough, New Jersey
3885. North Arlington borough, New Jersey
3886. North Plainfield borough, New Jersey
3887. Nutley township, New Jersey
3888. Oakland borough, New Jersey
3889. Ocean City city, New Jersey
3890. Ocean township, New Jersey
3891. Palisades Park borough, New Jersey
3892. Paramus borough, New Jersey
3893. Pemberton township, New Jersey
3894. Pennsville township, New Jersey
3895. Pequannock township, New Jersey
3896. Phillipsburg town, New Jersey
3897. Pine Hill borough, New Jersey
3898. Plainsboro township, New Jersey
3899. Pleasantville city, New Jersey
3900. Point Pleasant borough, New Jersey
3901. Pompton Lakes borough, New Jersey
3902. Rahway city, New Jersey
3903. Ramsey borough, New Jersey
3904. Randolph township, New Jersey
3905. Raritan township, New Jersey
3906. Readington township, New Jersey
3907. Red Bank borough, New Jersey
3908. Ridgefield borough, New Jersey
3909. Ridgefield Park village, New Jersey
3910. Ridgewood village, New Jersey
3911. Ringwood borough, New Jersey
3912. River Edge borough, New Jersey
3913. Robbinsville township, New Jersey
3914. Rockaway township, New Jersey
3915. Roselle borough, New Jersey

3916. Roselle Park borough, New Jersey
3917. Roxbury township, New Jersey
3918. Rutherford borough, New Jersey
3919. Saddle Brook township, New Jersey
3920. Scotch Plains township, New Jersey
3921. Secaucus town, New Jersey
3922. Somers Point city, New Jersey
3923. Somerville borough, New Jersey
3924. South Orange Village township, New Jersey
3925. South Plainfield borough, New Jersey
3926. South River borough, New Jersey
3927. Southampton township, New Jersey
3928. Sparta township, New Jersey
3929. Springfield township, New Jersey
3930. Stafford township, New Jersey
3931. Summit city, New Jersey
3932. Tenafly borough, New Jersey
3933. Tinton Falls borough, New Jersey
3934. Totowa borough, New Jersey
3935. Upper township, New Jersey
3936. Vernon township, New Jersey
3937. Verona township, New Jersey
3938. Voorhees township, New Jersey
3939. Waldwick borough, New Jersey
3940. Wall township, New Jersey
3941. Wallington borough, New Jersey
3942. Wanaque borough, New Jersey
3943. Wantage township, New Jersey
3944. Warren township, New Jersey
3945. Washington township, New Jersey
3946. Waterford township, New Jersey
3947. Weehawken township, New Jersey
3948. West Caldwell township, New Jersey
3949. West Deptford township, New Jersey
3950. West Milford township, New Jersey
3951. West Windsor township, New Jersey
3952. Westfield town, New Jersey
3953. Westwood borough, New Jersey
3954. Woodland Park borough, New Jersey
3955. Woolwich township, New Jersey
3956. Wyckoff township, New Jersey
3957. Alamogordo city, New Mexico *
3958. Albuquerque city, New Mexico *
3959. Bernalillo County, New Mexico *
3960. Chaves County, New Mexico *
3961. Clovis city, New Mexico *
3962. Curry County, New Mexico *
3963. Doña Ana County, New Mexico *
3964. Eddy County, New Mexico *
3965. Farmington city, New Mexico *
3966. Hobbs city, New Mexico *
3967. Las Cruces city, New Mexico *
3968. Lea County, New Mexico *
3969. McKinley County, New Mexico *
3970. Otero County, New Mexico *
3971. Rio Arriba County, New Mexico *
3972. Rio Rancho city, New Mexico *
3973. Roswell city, New Mexico *
3974. San Juan County, New Mexico *
3975. Sandoval County, New Mexico *
3976. Santa Fe city, New Mexico *
3977. Santa Fe County, New Mexico *
3978. Taos County, New Mexico *
3979. Valencia County, New Mexico *
3980. Artesia city, New Mexico
3981. Bernalillo town, New Mexico
3982. Carlsbad city, New Mexico
3983. Cibola County, New Mexico
3984. Colfax County, New Mexico
3985. Deming city, New Mexico
3986. Española city, New Mexico
3987. Gallup city, New Mexico
3988. Grant County, New Mexico
3989. Las Vegas city, New Mexico
3990. Lincoln County, New Mexico
3991. Los Alamos County, New Mexico
3992. Los Lunas village, New Mexico
3993. Lovington city, New Mexico
3994. Luna County, New Mexico
3995. Portales city, New Mexico
3996. Roosevelt County, New Mexico
3997. San Miguel County, New Mexico
3998. Sierra County, New Mexico
3999. Socorro County, New Mexico
4000. Sunland Park city, New Mexico
4001. Torrance County, New Mexico
4002. Albany city, New York *
4003. Albany County, New York *
4004. Allegany County, New York *
4005. Amherst town, New York *
4006. Babylon town, New York *
4007. Bethlehem town, New York *
4008. Binghamton city, New York *
4009. Brighton town, New York *
4010. Brookhaven town, New York *
4011. Broome County, New York *
4012. Buffalo city, New York *
4013. Carmel town, New York *
4014. Cattaraugus County, New York *
4015. Cayuga County, New York *
4016. Chautauqua County, New York *
4017. Cheektowaga town, New York *
4018. Chemung County, New York *
4019. Chenango County, New York *
4020. Cicero town, New York *
4021. Clarence town, New York *
4022. Clarkstown town, New York *
4023. Clay town, New York *
4024. Clifton Park town, New York *

4025. Clinton County, New York *
4026. Colonie town, New York *
4027. Columbia County, New York *
4028. Cortland County, New York *
4029. Cortlandt town, New York *
4030. Delaware County, New York *
4031. Dutchess County, New York *
4032. Eastchester town, New York *
4033. Erie County, New York *
4034. Essex County, New York *
4035. Franklin County, New York *
4036. Freeport village, New York *
4037. Fulton County, New York *
4038. Genesee County, New York *
4039. Greece town, New York *
4040. Greenburgh town, New York *
4041. Greene County, New York *
4042. Guilderland town, New York *
4043. Hamburg town, New York *
4044. Haverstraw town, New York *
4045. Hempstead town, New York *
4046. Hempstead village, New York *
4047. Henrietta town, New York *
4048. Herkimer County, New York *
4049. Huntington town, New York *
4050. Irondequoit town, New York *
4051. Islip town, New York *
4052. Ithaca city, New York *
4053. Jefferson County, New York *
4054. Lancaster town, New York *
4055. Livingston County, New York *
4056. Long Beach city, New York *
4057. Madison County, New York *
4058. Manlius town, New York *
4059. Monroe County, New York *
4060. Montgomery County, New York *
4061. Mount Pleasant town, New York *
4062. Mount Vernon city, New York *
4063. Nassau County, New York *
4064. New Rochelle city, New York *
4065. New York city / Bronx County / Kings County / New York County / Queens County / Richmond County, New York *
4066. Newburgh town, New York *
4067. Niagara County, New York *
4068. Niagara Falls city, New York *
4069. North Hempstead town, New York *
4070. North Tonawanda city, New York *
4071. Oneida County, New York *
4072. Onondaga County, New York *
4073. Ontario County, New York *
4074. Orange County, New York *
4075. Orangetown town, New York *
4076. Orleans County, New York *
4077. Ossining town, New York *
4078. Oswego County, New York *
4079. Otsego County, New York *
4080. Oyster Bay town, New York *
4081. Penfield town, New York *
4082. Perinton town, New York *
4083. Poughkeepsie city, New York *
4084. Poughkeepsie town, New York *
4085. Putnam County, New York *
4086. Ramapo town, New York *
4087. Rensselaer County, New York *
4088. Riverhead town, New York *
4089. Rochester city, New York *
4090. Rockland County, New York *
4091. Rome city, New York *
4092. Rye town, New York *
4093. Salina town, New York *
4094. Saratoga County, New York *
4095. Schenectady city, New York *
4096. Schenectady County, New York *
4097. Schoharie County, New York *
4098. Seneca County, New York *
4099. Smithtown town, New York *
4100. Southampton town, New York *
4101. Spring Valley village, New York *
4102. St. Lawrence County, New York *
4103. Steuben County, New York *
4104. Suffolk County, New York *
4105. Sullivan County, New York *
4106. Syracuse city, New York *
4107. Tioga County, New York *
4108. Tompkins County, New York *
4109. Tonawanda town, New York *
4110. Troy city, New York *
4111. Ulster County, New York *
4112. Union town, New York *
4113. Utica city, New York *
4114. Valley Stream village, New York *
4115. Warren County, New York *
4116. Warwick town, New York *
4117. Washington County, New York *
4118. Wayne County, New York *
4119. Webster town, New York *
4120. West Seneca town, New York *
4121. Westchester County, New York *
4122. White Plains city, New York *
4123. Wyoming County, New York *
4124. Yonkers city, New York *
4125. Yorktown town, New York *
4126. Amsterdam city, New York
4127. Arcadia town, New York
4128. Auburn city, New York
4129. Aurora town, New York
4130. Babylon village, New York
4131. Ballston town, New York
4132. Batavia city, New York
4133. Bath town, New York
4134. Beacon city, New York
4135. Bedford town, New York
4136. Beekman town, New York
4137. Blooming Grove town, New York
4138. Brunswick town, New York
4139. Camillus town, New York
4140. Canandaigua city, New York
4141. Canandaigua town, New York
4142. Canton town, New York
4143. Catskill town, New York
4144. Chenango town, New York
4145. Chester town, New York
4146. Chili town, New York
4147. Cohoes city, New York
4148. Corning city, New York
4149. Cornwall town, New York
4150. Cortland city, New York
4151. De Witt town, New York
4152. Depew village, New York
4153. Dobbs Ferry village, New York
4154. Dryden town, New York
4155. Dunkirk city, New York
4156. East Fishkill town, New York

4157. East Greenbush town, New York
4158. East Hampton town, New York
4159. Elma town, New York
4160. Elmira city, New York
4161. Endicott village, New York
4162. Evans town, New York
4163. Fallsburg town, New York
4164. Farmington town, New York
4165. Fishkill town, New York
4166. Floral Park village, New York
4167. Fredonia village, New York
4168. Fulton city, New York
4169. Garden City village, New York
4170. Gates town, New York
4171. Geddes town, New York
4172. Geneseo town, New York
4173. Geneva city, New York
4174. German Flatts town, New York
4175. Glen Cove city, New York
4176. Glens Falls city, New York
4177. Glenville town, New York
4178. Gloversville city, New York
4179. Goshen town, New York
4180. Grand Island town, New York
4181. Great Neck village, New York
4182. Halfmoon town, New York
4183. Harrison town, New York
4184. Harrison village, New York
4185. Haverstraw village, New York
4186. Highlands town, New York
4187. Horseheads town, New York
4188. Hyde Park town, New York
4189. Ithaca town, New York
4190. Jamestown city, New York
4191. Johnson City village, New York
4192. Kenmore village, New York
4193. Kent town, New York
4194. Kingsbury town, New York
4195. Kingston city, New York
4196. Kirkland town, New York
4197. Kiryas Joel village, New York
4198. La Grange town, New York
4199. Lackawanna city, New York
4200. Lake Grove village, New York
4201. Lancaster village, New York
4202. Lansing town, New York
4203. Le Ray town, New York
4204. Lewis County, New York
4205. Lewisboro town, New York
4206. Lewiston town, New York
4207. Lindenhurst village, New York
4208. Lloyd town, New York
4209. Lockport city, New York
4210. Lockport town, New York
4211. Lynbrook village, New York
4212. Lysander town, New York
4213. Malone town, New York
4214. Malta town, New York
4215. Mamakating town, New York
4216. Mamaroneck town, New York
4217. Mamaroneck village, New York
4218. Massapequa Park village, New York
4219. Massena town, New York
4220. Massena village, New York
4221. Middletown city, New York
4222. Milton town, New York
4223. Mineola village, New York
4224. Monroe town, New York
4225. Montgomery town, New York
4226. Moreau town, New York
4227. Mount Kisco village / Mount Kisco town, New York
4228. New Castle town, New York
4229. New Hartford town, New York
4230. New Paltz town, New York
4231. New Windsor town, New York
4232. Newburgh city, New York
4233. Niskayuna town, New York
4234. North Castle town, New York
4235. North Greenbush town, New York
4236. Ogden town, New York
4237. Ogdensburg city, New York
4238. Olean city, New York
4239. Oneida city, New York
4240. Oneonta city, New York
4241. Onondaga town, New York
4242. Ontario town, New York
4243. Orchard Park town, New York
4244. Ossining village, New York
4245. Oswego city, New York
4246. Owego town, New York
4247. Palm Tree town, New York
4248. Parma town, New York
4249. Patchogue village, New York
4250. Patterson town, New York
4251. Peekskill city, New York
4252. Pelham town, New York
4253. Pittsford town, New York
4254. Plattekill town, New York
4255. Plattsburgh city, New York
4256. Plattsburgh town, New York
4257. Pomfret town, New York
4258. Port Chester village, New York
4259. Potsdam town, New York
4260. Putnam Valley town, New York
4261. Queensbury town, New York
4262. Red Hook town, New York
4263. Rockville Centre village, New York
4264. Rotterdam town, New York
4265. Rye city, New York
4266. Saratoga Springs city, New York
4267. Saugerties town, New York
4268. Scarsdale village / Scarsdale town, New York
4269. Schodack town, New York
4270. Schuyler County, New York
4271. Shawangunk town, New York
4272. Sleepy Hollow village, New York
4273. Somers town, New York
4274. Southeast town, New York
4275. Southold town, New York
4276. Stony Point town, New York
4277. Suffern village, New York
4278. Sullivan town, New York
4279. Sweden town, New York
4280. Tarrytown village, New York
4281. Thompson town, New York
4282. Tonawanda city, New York
4283. Ulster town, New York
4284. Van Buren town, New York
4285. Vestal town, New York
4286. Victor town, New York
4287. Wallkill town, New York
4288. Wappinger town, New York
4289. Watertown city, New York
4290. Wawarsing town, New York
4291. West Haverstraw village, New York
4292. Westbury village, New York
4293. Wheatfield town, New York
4294. Whitestown town, New York
4295. Wilton town, New York
4296. Woodbury town, New York
4297. Woodbury village, New York
4298. Yates County, New York
4299. Alamance County, North Carolina *
4300. Alexander County, North Carolina *

4301. Apex town, North Carolina *
4302. Asheville city, North Carolina *
4303. Beaufort County, North Carolina *
4304. Bladen County, North Carolina *
4305. Brunswick County, North Carolina *
4306. Buncombe County, North Carolina *
4307. Burke County, North Carolina *
4308. Burlington city, North Carolina *
4309. Cabarrus County, North Carolina *
4310. Caldwell County, North Carolina *
4311. Carteret County, North Carolina *
4312. Cary town, North Carolina *
4313. Catawba County, North Carolina *
4314. Chapel Hill town, North Carolina *
4315. Charlotte city, North Carolina *
4316. Chatham County, North Carolina *
4317. Cleveland County, North Carolina *
4318. Columbus County, North Carolina *
4319. Concord city, North Carolina *
4320. Cornelius town, North Carolina *
4321. Craven County, North Carolina *
4322. Cumberland County, North Carolina *
4323. Dare County, North Carolina *
4324. Davidson County, North Carolina *
4325. Davie County, North Carolina *
4326. Duplin County, North Carolina *
4327. Durham city, North Carolina *
4328. Durham County, North Carolina *
4329. Edgecombe County, North Carolina *
4330. Fayetteville city, North Carolina *
4331. Forsyth County, North Carolina *
4332. Franklin County, North Carolina *
4333. Fuquay-Varina town, North Carolina *
4334. Garner town, North Carolina *
4335. Gaston County, North Carolina *
4336. Gastonia city, North Carolina *
4337. Goldsboro city, North Carolina *
4338. Granville County, North Carolina *
4339. Greensboro city, North Carolina *
4340. Greenville city, North Carolina *
4341. Guilford County, North Carolina *
4342. Halifax County, North Carolina *
4343. Harnett County, North Carolina *
4344. Haywood County, North Carolina *
4345. Henderson County, North Carolina *
4346. Hickory city, North Carolina *
4347. High Point city, North Carolina *
4348. Hoke County, North Carolina *
4349. Holly Springs town, North Carolina *
4350. Huntersville town, North Carolina *
4351. Indian Trail town, North Carolina *
4352. Iredell County, North Carolina *
4353. Jackson County, North Carolina *
4354. Jacksonville city, North Carolina *
4355. Johnston County, North Carolina *
4356. Kannapolis city, North Carolina *
4357. Lee County, North Carolina *
4358. Lenoir County, North Carolina *
4359. Lincoln County, North Carolina *
4360. Macon County, North Carolina *
4361. Matthews town, North Carolina *
4362. McDowell County, North Carolina *
4363. Mecklenburg County, North Carolina *
4364. Monroe city, North Carolina *
4365. Moore County, North Carolina *
4366. Mooresville town, North Carolina *
4367. Nash County, North Carolina *
4368. New Hanover County, North Carolina *
4369. Onslow County, North Carolina *
4370. Orange County, North Carolina *
4371. Pasquotank County, North Carolina *
4372. Pender County, North Carolina *
4373. Person County, North Carolina *
4374. Pitt County, North Carolina *
4375. Raleigh city, North Carolina *
4376. Randolph County, North Carolina *
4377. Richmond County, North Carolina *
4378. Robeson County, North Carolina *
4379. Rockingham County, North Carolina *
4380. Rocky Mount city, North Carolina *
4381. Rowan County, North Carolina *
4382. Rutherford County, North Carolina *
4383. Salisbury city, North Carolina *
4384. Sampson County, North Carolina *
4385. Sanford city, North Carolina *
4386. Scotland County, North Carolina *
4387. Stanly County, North Carolina *
4388. Stokes County, North Carolina *

4389. Surry County, North Carolina *
4390. Transylvania County, North Carolina *
4391. Union County, North Carolina *
4392. Vance County, North Carolina *
4393. Wake County, North Carolina *
4394. Wake Forest town, North Carolina *
4395. Watauga County, North Carolina *
4396. Wayne County, North Carolina *
4397. Wilkes County, North Carolina *
4398. Wilmington city, North Carolina *
4399. Wilson city, North Carolina *
4400. Wilson County, North Carolina *
4401. Winston-Salem city, North Carolina *
4402. Yadkin County, North Carolina *
4403. Albemarle city, North Carolina
4404. Alleghany County, North Carolina
4405. Anson County, North Carolina
4406. Archdale city, North Carolina
4407. Ashe County, North Carolina
4408. Asheboro city, North Carolina
4409. Avery County, North Carolina
4410. Belmont city, North Carolina
4411. Bertie County, North Carolina
4412. Boone town, North Carolina
4413. Camden County, North Carolina
4414. Carrboro town, North Carolina
4415. Caswell County, North Carolina
4416. Cherokee County, North Carolina
4417. Chowan County, North Carolina
4418. Clay County, North Carolina
4419. Clayton town, North Carolina
4420. Clemmons village, North Carolina
4421. Currituck County, North Carolina
4422. Davidson town, North Carolina
4423. Eden city, North Carolina
4424. Elizabeth City city, North Carolina
4425. Elon town, North Carolina
4426. Gates County, North Carolina
4427. Graham city, North Carolina
4428. Greene County, North Carolina
4429. Harrisburg town, North Carolina
4430. Havelock city, North Carolina
4431. Henderson city, North Carolina
4432. Hendersonville city, North Carolina
4433. Hertford County, North Carolina
4434. Hope Mills town, North Carolina
4435. Kernersville town, North Carolina
4436. Kings Mountain city, North Carolina
4437. Kinston city, North Carolina
4438. Knightdale town, North Carolina
4439. Laurinburg city, North Carolina
4440. Leland town, North Carolina
4441. Lenoir city, North Carolina
4442. Lewisville town, North Carolina
4443. Lexington city, North Carolina
4444. Lincolnton city, North Carolina
4445. Lumberton city, North Carolina
4446. Madison County, North Carolina
4447. Martin County, North Carolina
4448. Mebane city, North Carolina
4449. Mint Hill town, North Carolina
4450. Mitchell County, North Carolina
4451. Montgomery County, North Carolina
4452. Morganton city, North Carolina
4453. Morrisville town, North Carolina
4454. Mount Airy city, North Carolina
4455. Mount Holly city, North Carolina
4456. New Bern city, North Carolina
4457. Newton city, North Carolina
4458. Northampton County, North Carolina
4459. Pamlico County, North Carolina
4460. Perquimans County, North Carolina
4461. Pinehurst village, North Carolina
4462. Polk County, North Carolina
4463. Reidsville city, North Carolina
4464. Roanoke Rapids city, North Carolina
4465. Shelby city, North Carolina
4466. Smithfield town, North Carolina
4467. Southern Pines town, North Carolina
4468. Spring Lake town, North Carolina
4469. Stallings town, North Carolina
4470. Statesville city, North Carolina
4471. Summerfield town, North Carolina
4472. Swain County, North Carolina
4473. Tarboro town, North Carolina
4474. Thomasville city, North Carolina
4475. Warren County, North Carolina
4476. Washington County, North Carolina
4477. Waxhaw town, North Carolina
4478. Waynesville town, North Carolina
4479. Weddington town, North Carolina
4480. Yancey County, North Carolina
4481. Bismarck city, North Dakota *
4482. Burleigh County, North Dakota *
4483. Cass County, North Dakota *
4484. Fargo city, North Dakota *
4485. Grand Forks city, North Dakota *
4486. Grand Forks County, North Dakota *
4487. Minot city, North Dakota *
4488. Morton County, North Dakota *
4489. Stark County, North Dakota *

4490. Ward County, North Dakota *
4491. West Fargo city, North Dakota *
4492. Williams County, North Dakota *
4493. Barnes County, North Dakota
4494. Dickinson city, North Dakota
4495. Jamestown city, North Dakota
4496. Mandan city, North Dakota
4497. McKenzie County, North Dakota
4498. Mountrail County, North Dakota
4499. Ramsey County, North Dakota
4500. Richland County, North Dakota
4501. Rolette County, North Dakota
4502. Stutsman County, North Dakota
4503. Walsh County, North Dakota
4504. Williston city, North Dakota
4505. Akron city, Ohio *
4506. Allen County, Ohio *
4507. Anderson township, Ohio *
4508. Ashland County, Ohio *
4509. Ashtabula County, Ohio *
4510. Athens County, Ohio *
4511. Athens township, Ohio *
4512. Auglaize County, Ohio *
4513. Austintown township, Ohio *
4514. Bath township, Ohio *
4515. Beavercreek city, Ohio *
4516. Beavercreek township, Ohio *
4517. Belmont County, Ohio *
4518. Boardman township, Ohio *
4519. Bowling Green city, Ohio *
4520. Brown County, Ohio *
4521. Brunswick city, Ohio *
4522. Butler County, Ohio *
4523. Canton city, Ohio *
4524. Champaign County, Ohio *
4525. Cincinnati city, Ohio *
4526. Clark County, Ohio *
4527. Clear Creek township, Ohio *
4528. Clermont County, Ohio *
4529. Cleveland city, Ohio *
4530. Cleveland Heights city, Ohio *
4531. Clinton County, Ohio *
4532. Colerain township, Ohio *
4533. Columbiana County, Ohio *
4534. Columbus city, Ohio *
4535. Concord township, Ohio *
4536. Coshocton County, Ohio *
4537. Crawford County, Ohio *
4538. Cuyahoga County, Ohio *
4539. Cuyahoga Falls city, Ohio *
4540. Darke County, Ohio *
4541. Dayton city, Ohio *
4542. Deerfield township, Ohio *
4543. Defiance County, Ohio *
4544. Delaware city, Ohio *
4545. Delaware County, Ohio *
4546. Dublin city, Ohio *
4547. Elyria city, Ohio *
4548. Erie County, Ohio *
4549. Euclid city, Ohio *
4550. Fairborn city, Ohio *
4551. Fairfield city, Ohio *
4552. Fairfield County, Ohio *
4553. Findlay city, Ohio *
4554. Franklin County, Ohio *
4555. Franklin township, Ohio *
4556. Fulton County, Ohio *
4557. Gahanna city, Ohio *
4558. Geauga County, Ohio *
4559. Green township, Ohio *
4560. Greene County, Ohio *
4561. Grove City city, Ohio *
4562. Guernsey County, Ohio *
4563. Hamilton city, Ohio *
4564. Hamilton County, Ohio *
4565. Hancock County, Ohio *
4566. Hardin County, Ohio *
4567. Highland County, Ohio *
4568. Hilliard city, Ohio *
4569. Holmes County, Ohio *
4570. Huber Heights city, Ohio *
4571. Huron County, Ohio *
4572. Jackson County, Ohio *
4573. Jackson township, Ohio *
4574. Jackson township, Ohio *
4575. Jefferson County, Ohio *
4576. Kettering city, Ohio *
4577. Knox County, Ohio *
4578. Lake County, Ohio *
4579. Lakewood city, Ohio *
4580. Lancaster city, Ohio *
4581. Lawrence County, Ohio *
4582. Liberty township, Ohio *
4583. Liberty township, Ohio *
4584. Licking County, Ohio *
4585. Lima city, Ohio *
4586. Logan County, Ohio *
4587. Lorain city, Ohio *
4588. Lorain County, Ohio *
4589. Lucas County, Ohio *
4590. Madison County, Ohio *
4591. Mahoning County, Ohio *
4592. Mansfield city, Ohio *
4593. Marion city, Ohio *
4594. Marion County, Ohio *
4595. Marion township, Ohio *
4596. Mason city, Ohio *
4597. Massillon city, Ohio *
4598. Medina County, Ohio *
4599. Mentor city, Ohio *
4600. Mercer County, Ohio *
4601. Miami County, Ohio *
4602. Miami township, Ohio *
4603. Miami township, Ohio *
4604. Middletown city, Ohio *
4605. Mifflin township, Ohio *
4606. Montgomery County, Ohio *
4607. Morrow County, Ohio *
4608. Muskingum County, Ohio *
4609. Newark city, Ohio *
4610. North Olmsted city, Ohio *
4611. North Ridgeville city, Ohio *
4612. North Royalton city, Ohio *
4613. Norwich township, Ohio *
4614. Orange township, Ohio *
4615. Ottawa County, Ohio *
4616. Parma city, Ohio *
4617. Perry County, Ohio *
4618. Pickaway County, Ohio *
4619. Plain township, Ohio *
4620. Portage County, Ohio *
4621. Preble County, Ohio *
4622. Putnam County, Ohio *
4623. Reynoldsburg city, Ohio *
4624. Richland County, Ohio *
4625. Ross County, Ohio *
4626. Sandusky County, Ohio *
4627. Scioto County, Ohio *
4628. Seneca County, Ohio *
4629. Shelby County, Ohio *
4630. Springfield city, Ohio *
4631. Springfield township, Ohio *
4632. Stark County, Ohio *
4633. Stow city, Ohio *
4634. Strongsville city, Ohio *
4635. Summit County, Ohio *
4636. Sylvania township, Ohio *
4637. Toledo city, Ohio *
4638. Trumbull County, Ohio *
4639. Tuscarawas County, Ohio *
4640. Union County, Ohio *
4641. Union township, Ohio *
4642. Upper Arlington city, Ohio *
4643. Violet township, Ohio *
4644. Warren city, Ohio *
4645. Warren County, Ohio *
4646. Washington County, Ohio *
4647. Washington township, Ohio *
4648. Washington township, Ohio *

4649. Wayne County, Ohio *
4650. West Chester township, Ohio *
4651. Westerville city, Ohio *
4652. Westlake city, Ohio *
4653. Williams County, Ohio *
4654. Wood County, Ohio *
4655. Youngstown city, Ohio *
4656. Adams County, Ohio
4657. Alliance city, Ohio
4658. American township, Ohio
4659. Amherst city, Ohio
4660. Ashland city, Ohio
4661. Ashtabula city, Ohio
4662. Ashtabula township, Ohio
4663. Athens city, Ohio
4664. Aurora city, Ohio
4665. Avon city, Ohio
4666. Avon Lake city, Ohio
4667. Bainbridge township, Ohio
4668. Barberton city, Ohio
4669. Batavia township, Ohio
4670. Bay Village city, Ohio
4671. Beachwood city, Ohio
4672. Bedford city, Ohio
4673. Bedford Heights city, Ohio
4674. Bellefontaine city, Ohio
4675. Berea city, Ohio
4676. Bethel township, Ohio
4677. Bexley city, Ohio
4678. Blue Ash city, Ohio
4679. Brecksville city, Ohio
4680. Brimfield township, Ohio
4681. Broadview Heights city, Ohio
4682. Brook Park city, Ohio
4683. Brooklyn city, Ohio
4684. Brunswick Hills township, Ohio
4685. Bucyrus city, Ohio
4686. Cambridge city, Ohio
4687. Cambridge township, Ohio
4688. Canfield township, Ohio
4689. Canton township, Ohio
4690. Carroll County, Ohio
4691. Celina city, Ohio
4692. Centerville city, Ohio
4693. Chester township, Ohio
4694. Chillicothe city, Ohio
4695. Chippewa township, Ohio
4696. Circleville city, Ohio
4697. Clayton city, Ohio
4698. Clinton township, Ohio
4699. Concord township, Ohio
4700. Concord township, Ohio
4701. Conneaut city, Ohio
4702. Copley township, Ohio
4703. Coshocton city, Ohio
4704. Coventry township, Ohio
4705. Defiance city, Ohio
4706. Defiance township, Ohio
4707. Delhi township, Ohio
4708. Dover city, Ohio
4709. Duchouquet township, Ohio
4710. East Cleveland city, Ohio
4711. East Liverpool city, Ohio
4712. Eastlake city, Ohio
4713. Englewood city, Ohio
4714. Etna township, Ohio
4715. Fairfield township, Ohio
4716. Fairview Park city, Ohio
4717. Falls township, Ohio
4718. Fayette County, Ohio
4719. Forest Park city, Ohio
4720. Fostoria city, Ohio
4721. Franklin city, Ohio
4722. Franklin township, Ohio
4723. Fremont city, Ohio
4724. Gallia County, Ohio
4725. Garfield Heights city, Ohio
4726. Geneva township, Ohio
4727. Genoa township, Ohio
4728. Goshen township, Ohio
4729. Granville township, Ohio
4730. Green city, Ohio
4731. Green township, Ohio
4732. Greenville city, Ohio
4733. Greenville township, Ohio
4734. Hamilton township, Ohio
4735. Harrison city, Ohio
4736. Harrison County, Ohio
4737. Harrison township, Ohio
4738. Harrison township, Ohio
4739. Heath city, Ohio
4740. Henry County, Ohio
4741. Hocking County, Ohio
4742. Howland township, Ohio
4743. Hubbard township, Ohio
4744. Hudson city, Ohio
4745. Huron township, Ohio
4746. Ironton city, Ohio
4747. Jefferson township, Ohio
4748. Jefferson township, Ohio
4749. Kent city, Ohio
4750. Lake township, Ohio
4751. Lake township, Ohio
4752. Lake township, Ohio
4753. Lawrence township, Ohio
4754. Lebanon city, Ohio
4755. Lemon township, Ohio
4756. Liberty township, Ohio
4757. Liberty township, Ohio
4758. London city, Ohio
4759. Loveland city, Ohio
4760. Lyndhurst city, Ohio
4761. Macedonia city, Ohio
4762. Mad River township, Ohio
4763. Madison township, Ohio
4764. Madison township, Ohio
4765. Madison township, Ohio
4766. Maple Heights city, Ohio
4767. Marietta city, Ohio
4768. Marysville city, Ohio
4769. Maumee city, Ohio
4770. Mayfield Heights city, Ohio
4771. Medina city, Ohio
4772. Meigs County, Ohio
4773. Miami township, Ohio
4774. Miamisburg city, Ohio
4775. Middleburg Heights city, Ohio
4776. Monclova township, Ohio
4777. Monroe city, Ohio
4778. Monroe County, Ohio
4779. Monroe township, Ohio
4780. Montgomery city, Ohio
4781. Montville township, Ohio
4782. Moorefield township, Ohio
4783. Morgan County, Ohio
4784. Mount Vernon city, Ohio
4785. New Albany city, Ohio
4786. New Franklin city, Ohio
4787. New Philadelphia city, Ohio
4788. Niles city, Ohio
4789. Noble County, Ohio
4790. North Canton city, Ohio
4791. Norton city, Ohio
4792. Norwalk city, Ohio
4793. Norwood city, Ohio
4794. Olmsted township, Ohio
4795. Oregon city, Ohio
4796. Oxford city, Ohio
4797. Oxford township, Ohio
4798. Painesville city, Ohio
4799. Painesville township, Ohio
4800. Paris township, Ohio
4801. Parma Heights city, Ohio
4802. Pataskala city, Ohio
4803. Paulding County, Ohio
4804. Pease township, Ohio
4805. Perkins township, Ohio
4806. Perry township, Ohio
4807. Perry township, Ohio
4808. Perrysburg city, Ohio
4809. Perrysburg township, Ohio
4810. Pickerington city, Ohio
4811. Pierce township, Ohio

4812. Pike County, Ohio
4813. Piqua city, Ohio
4814. Plain township, Ohio
4815. Pleasant township, Ohio
4816. Poland township, Ohio
4817. Portsmouth city, Ohio
4818. Powell city, Ohio
4819. Prairie township, Ohio
4820. Ravenna city, Ohio
4821. Reading city, Ohio
4822. Richland township, Ohio
4823. Richmond Heights city, Ohio
4824. Riverside city, Ohio
4825. Rocky River city, Ohio
4826. Sagamore Hills township, Ohio
4827. Salem city, Ohio
4828. Sandusky city, Ohio
4829. Scioto township, Ohio
4830. Scioto township, Ohio
4831. Seven Hills city, Ohio
4832. Shaker Heights city, Ohio
4833. Sharon township, Ohio
4834. Sharonville city, Ohio
4835. Shawnee township, Ohio
4836. Sidney city, Ohio
4837. Solon city, Ohio
4838. South Euclid city, Ohio
4839. Springboro city, Ohio
4840. Springdale city, Ohio
4841. Springfield township, Ohio
4842. Springfield township, Ohio
4843. Springfield township, Ohio
4844. Springfield township, Ohio
4845. St. Marys township, Ohio
4846. Steubenville city, Ohio
4847. Streetsboro city, Ohio
4848. Struthers city, Ohio
4849. Sycamore township, Ohio
4850. Sylvania city, Ohio
4851. Symmes township, Ohio
4852. Tallmadge city, Ohio
4853. Tiffin city, Ohio
4854. Tipp City city, Ohio
4855. Trenton city, Ohio
4856. Trotwood city, Ohio
4857. Troy city, Ohio
4858. Truro township, Ohio
4859. Turtlecreek township, Ohio
4860. Twinsburg city, Ohio
4861. Union township, Ohio
4862. Union township, Ohio
4863. University Heights city, Ohio
4864. Upper township, Ohio
4865. Urbana city, Ohio
4866. Urbana township, Ohio
4867. Van Wert city, Ohio
4868. Van Wert County, Ohio
4869. Vandalia city, Ohio
4870. Vermilion city, Ohio
4871. Vinton County, Ohio
4872. Wadsworth city, Ohio
4873. Warrensville Heights city, Ohio
4874. Washington Court House city, Ohio
4875. Weathersfield township, Ohio
4876. West Carrollton city, Ohio
4877. Whitehall city, Ohio
4878. Wickliffe city, Ohio
4879. Willoughby city, Ohio
4880. Willowick city, Ohio
4881. Wilmington city, Ohio
4882. Wooster city, Ohio
4883. Worthington city, Ohio
4884. Wyandot County, Ohio
4885. Xenia city, Ohio
4886. Zanesville city, Ohio
4887. Bartlesville city, Oklahoma *
4888. Broken Arrow city, Oklahoma *
4889. Bryan County, Oklahoma *
4890. Canadian County, Oklahoma *
4891. Carter County, Oklahoma *
4892. Cherokee County, Oklahoma *
4893. Cleveland County, Oklahoma *
4894. Comanche County, Oklahoma *
4895. Creek County, Oklahoma *
4896. Delaware County, Oklahoma *
4897. Edmond city, Oklahoma *
4898. Enid city, Oklahoma *
4899. Garfield County, Oklahoma *
4900. Grady County, Oklahoma *
4901. Kay County, Oklahoma *
4902. Lawton city, Oklahoma *
4903. Le Flore County, Oklahoma *
4904. Lincoln County, Oklahoma *
4905. Logan County, Oklahoma *
4906. Mayes County, Oklahoma *
4907. McClain County, Oklahoma *
4908. McCurtain County, Oklahoma *
4909. Midwest City city, Oklahoma *
4910. Moore city, Oklahoma *
4911. Muskogee city, Oklahoma *
4912. Muskogee County, Oklahoma *
4913. Norman city, Oklahoma *
4914. Oklahoma City city, Oklahoma *
4915. Oklahoma County, Oklahoma *
4916. Okmulgee County, Oklahoma *
4917. Osage County, Oklahoma *
4918. Ottawa County, Oklahoma *
4919. Owasso city, Oklahoma *
4920. Payne County, Oklahoma *
4921. Pittsburg County, Oklahoma *
4922. Pontotoc County, Oklahoma *
4923. Pottawatomie County, Oklahoma *
4924. Rogers County, Oklahoma *
4925. Sequoyah County, Oklahoma *
4926. Shawnee city, Oklahoma *
4927. Stephens County, Oklahoma *
4928. Stillwater city, Oklahoma *
4929. Tulsa city, Oklahoma *
4930. Tulsa County, Oklahoma *
4931. Wagoner County, Oklahoma *
4932. Washington County, Oklahoma *
4933. Ada city, Oklahoma
4934. Adair County, Oklahoma
4935. Altus city, Oklahoma
4936. Ardmore city, Oklahoma
4937. Atoka County, Oklahoma
4938. Beckham County, Oklahoma
4939. Bethany city, Oklahoma
4940. Bixby city, Oklahoma
4941. Caddo County, Oklahoma
4942. Chickasha city, Oklahoma
4943. Choctaw city, Oklahoma
4944. Choctaw County, Oklahoma
4945. Claremore city, Oklahoma
4946. Coweta city, Oklahoma
4947. Craig County, Oklahoma
4948. Custer County, Oklahoma
4949. Del City city, Oklahoma
4950. Duncan city, Oklahoma
4951. Durant city, Oklahoma
4952. El Reno city, Oklahoma
4953. Elk City city, Oklahoma
4954. Garvin County, Oklahoma
4955. Glenpool city, Oklahoma
4956. Guthrie city, Oklahoma
4957. Guymon city, Oklahoma
4958. Haskell County, Oklahoma
4959. Hughes County, Oklahoma
4960. Jackson County, Oklahoma
4961. Jenks city, Oklahoma

4962. Johnston County, Oklahoma
4963. Kingfisher County, Oklahoma
4964. Latimer County, Oklahoma
4965. Love County, Oklahoma
4966. Marshall County, Oklahoma
4967. McAlester city, Oklahoma
4968. McIntosh County, Oklahoma
4969. Miami city, Oklahoma
4970. Murray County, Oklahoma
4971. Mustang city, Oklahoma
4972. Newcastle city, Oklahoma
4973. Noble County, Oklahoma
4974. Nowata County, Oklahoma
4975. Okfuskee County, Oklahoma
4976. Okmulgee city, Oklahoma
4977. Pawnee County, Oklahoma
4978. Ponca City city, Oklahoma
4979. Pushmataha County, Oklahoma
4980. Sand Springs city, Oklahoma
4981. Sapulpa city, Oklahoma
4982. Seminole County, Oklahoma
4983. Tahlequah city, Oklahoma
4984. Texas County, Oklahoma
4985. Warr Acres city, Oklahoma
4986. Washita County, Oklahoma
4987. Weatherford city, Oklahoma
4988. Woodward city, Oklahoma
4989. Woodward County, Oklahoma
4990. Yukon city, Oklahoma
4991. Albany city, Oregon *
4992. Beaverton city, Oregon *
4993. Bend city, Oregon *
4994. Benton County, Oregon *
4995. Clackamas County, Oregon *
4996. Clatsop County, Oregon *
4997. Columbia County, Oregon *
4998. Coos County, Oregon *
4999. Corvallis city, Oregon *
5000. Deschutes County, Oregon *
5001. Douglas County, Oregon *
5002. Eugene city, Oregon *
5003. Grants Pass city, Oregon *
5004. Gresham city, Oregon *
5005. Hillsboro city, Oregon *
5006. Jackson County, Oregon *
5007. Josephine County, Oregon *
5008. Keizer city, Oregon *
5009. Klamath County, Oregon *
5010. Lake Oswego city, Oregon *
5011. Lane County, Oregon *
5012. Lincoln County, Oregon *
5013. Linn County, Oregon *
5014. Malheur County, Oregon *
5015. Marion County, Oregon *
5016. McMinnville city, Oregon *
5017. Medford city, Oregon *
5018. Multnomah County, Oregon *
5019. Oregon City city, Oregon *
5020. Polk County, Oregon *
5021. Portland city, Oregon *
5022. Redmond city, Oregon *
5023. Salem city, Oregon *
5024. Springfield city, Oregon *
5025. Tigard city, Oregon *
5026. Umatilla County, Oregon *
5027. Washington County, Oregon *
5028. Yamhill County, Oregon *
5029. Ashland city, Oregon
5030. Astoria city, Oregon
5031. Baker County, Oregon
5032. Canby city, Oregon
5033. Central Point city, Oregon
5034. Coos Bay city, Oregon
5035. Cornelius city, Oregon
5036. Cottage Grove city, Oregon
5037. Crook County, Oregon
5038. Curry County, Oregon
5039. Dallas city, Oregon
5040. Forest Grove city, Oregon
5041. Gladstone city, Oregon
5042. Happy Valley city, Oregon
5043. Hermiston city, Oregon
5044. Hood River County, Oregon
5045. Independence city, Oregon
5046. Jefferson County, Oregon
5047. Klamath Falls city, Oregon
5048. La Grande city, Oregon
5049. Lebanon city, Oregon
5050. Milwaukie city, Oregon
5051. Monmouth city, Oregon
5052. Morrow County, Oregon
5053. Newberg city, Oregon
5054. Newport city, Oregon
5055. Ontario city, Oregon
5056. Pendleton city, Oregon
5057. Prineville city, Oregon
5058. Roseburg city, Oregon
5059. Sandy city, Oregon
5060. Sherwood city, Oregon
5061. Silverton city, Oregon
5062. St. Helens city, Oregon
5063. The Dalles city, Oregon
5064. Tillamook County, Oregon
5065. Troutdale city, Oregon
5066. Tualatin city, Oregon
5067. Union County, Oregon
5068. Wasco County, Oregon
5069. West Linn city, Oregon
5070. Wilsonville city, Oregon
5071. Woodburn city, Oregon
5072. Abington township, Pennsylvania *
5073. Adams County, Pennsylvania *
5074. Allegheny County, Pennsylvania *
5075. Allentown city, Pennsylvania *
5076. Altoona city, Pennsylvania *
5077. Armstrong County, Pennsylvania *
5078. Beaver County, Pennsylvania *
5079. Bedford County, Pennsylvania *
5080. Bensalem township, Pennsylvania *
5081. Berks County, Pennsylvania *
5082. Bethel Park municipality, Pennsylvania *
5083. Bethlehem city, Pennsylvania *
5084. Blair County, Pennsylvania *
5085. Bradford County, Pennsylvania *
5086. Bristol township, Pennsylvania *
5087. Bucks County, Pennsylvania *
5088. Butler County, Pennsylvania *
5089. Cambria County, Pennsylvania *
5090. Carbon County, Pennsylvania *
5091. Centre County, Pennsylvania *
5092. Cheltenham township, Pennsylvania *
5093. Chester city, Pennsylvania *
5094. Chester County, Pennsylvania *
5095. Clarion County, Pennsylvania *
5096. Clearfield County, Pennsylvania *
5097. Clinton County, Pennsylvania *
5098. Columbia County, Pennsylvania *
5099. Cranberry township, Pennsylvania *
5100. Crawford County, Pennsylvania *
5101. Cumberland County, Pennsylvania *

5102. Dauphin County, Pennsylvania *
5103. Delaware County, Pennsylvania *
5104. Erie city, Pennsylvania *
5105. Erie County, Pennsylvania *
5106. Falls township, Pennsylvania *
5107. Fayette County, Pennsylvania *
5108. Franklin County, Pennsylvania *
5109. Greene County, Pennsylvania *
5110. Hampden township, Pennsylvania *
5111. Harrisburg city, Pennsylvania *
5112. Haverford township, Pennsylvania *
5113. Hempfield township, Pennsylvania *
5114. Huntingdon County, Pennsylvania *
5115. Indiana County, Pennsylvania *
5116. Jefferson County, Pennsylvania *
5117. Lackawanna County, Pennsylvania *
5118. Lancaster city, Pennsylvania *
5119. Lancaster County, Pennsylvania *
5120. Lawrence County, Pennsylvania *
5121. Lebanon County, Pennsylvania *
5122. Lehigh County, Pennsylvania *
5123. Lower Macungie township, Pennsylvania *
5124. Lower Makefield township, Pennsylvania *
5125. Lower Merion township, Pennsylvania *
5126. Lower Paxton township, Pennsylvania *
5127. Luzerne County, Pennsylvania *
5128. Lycoming County, Pennsylvania *
5129. Manheim township, Pennsylvania *
5130. McKean County, Pennsylvania *
5131. Mercer County, Pennsylvania *
5132. Middletown township, Pennsylvania *
5133. Mifflin County, Pennsylvania *
5134. Millcreek township, Pennsylvania *
5135. Monroe County, Pennsylvania *
5136. Montgomery County, Pennsylvania *
5137. Mount Lebanon township, Pennsylvania *
5138. Norristown borough, Pennsylvania *
5139. North Huntingdon township, Pennsylvania *
5140. Northampton County, Pennsylvania *
5141. Northampton township, Pennsylvania *
5142. Northumberland County, Pennsylvania *
5143. Penn Hills township, Pennsylvania *
5144. Perry County, Pennsylvania *
5145. Philadelphia city / Philadelphia County, Pennsylvania *
5146. Pike County, Pennsylvania *
5147. Pittsburgh city, Pennsylvania *
5148. Radnor township, Pennsylvania *
5149. Reading city, Pennsylvania *
5150. Ridley township, Pennsylvania *
5151. Ross township, Pennsylvania *
5152. Schuylkill County, Pennsylvania *
5153. Scranton city, Pennsylvania *
5154. Snyder County, Pennsylvania *
5155. Somerset County, Pennsylvania *
5156. State College borough, Pennsylvania *
5157. Susquehanna County, Pennsylvania *
5158. Tioga County, Pennsylvania *
5159. Union County, Pennsylvania *
5160. Upper Darby township, Pennsylvania *
5161. Upper Merion township, Pennsylvania *
5162. Venango County, Pennsylvania *
5163. Warminster township, Pennsylvania *
5164. Warren County, Pennsylvania *
5165. Washington County, Pennsylvania *
5166. Wayne County, Pennsylvania *
5167. Westmoreland County, Pennsylvania *
5168. Wilkes-Barre city, Pennsylvania *
5169. York city, Pennsylvania *
5170. York County, Pennsylvania *
5171. Adams township, Pennsylvania
5172. Amity township, Pennsylvania
5173. Antrim township, Pennsylvania
5174. Aston township, Pennsylvania
5175. Baldwin borough, Pennsylvania
5176. Bethlehem township, Pennsylvania
5177. Bloomsburg town, Pennsylvania
5178. Buckingham township, Pennsylvania
5179. Butler city, Pennsylvania
5180. Butler township, Pennsylvania
5181. Caln township, Pennsylvania
5182. Carlisle borough, Pennsylvania
5183. Cecil township, Pennsylvania
5184. Center township, Pennsylvania
5185. Chambersburg borough, Pennsylvania
5186. Chestnuthill township, Pennsylvania
5187. Coal township, Pennsylvania
5188. Coatesville city, Pennsylvania
5189. College township, Pennsylvania
5190. Columbia borough, Pennsylvania
5191. Concord township, Pennsylvania
5192. Coolbaugh township, Pennsylvania
5193. Cumru township, Pennsylvania
5194. Darby borough, Pennsylvania
5195. Derry township, Pennsylvania

5196. Derry township, Pennsylvania
5197. Dingman township, Pennsylvania
5198. Douglass township, Pennsylvania
5199. Dover township, Pennsylvania
5200. Doylestown township, Pennsylvania
5201. Dunmore borough, Pennsylvania
5202. East Cocalico township, Pennsylvania
5203. East Goshen township, Pennsylvania
5204. East Hempfield township, Pennsylvania
5205. East Lampeter township, Pennsylvania
5206. East Norriton township, Pennsylvania
5207. East Pennsboro township, Pennsylvania
5208. East Stroudsburg borough, Pennsylvania
5209. East Whiteland township, Pennsylvania
5210. Easton city, Pennsylvania
5211. Easttown township, Pennsylvania
5212. Elizabeth township, Pennsylvania
5213. Elizabethtown borough, Pennsylvania
5214. Elk County, Pennsylvania
5215. Emmaus borough, Pennsylvania
5216. Ephrata borough, Pennsylvania
5217. Ephrata township, Pennsylvania
5218. Exeter township, Pennsylvania
5219. Fairview township, Pennsylvania
5220. Fairview township, Pennsylvania
5221. Ferguson township, Pennsylvania
5222. Forks township, Pennsylvania
5223. Franconia township, Pennsylvania
5224. Franklin Park borough, Pennsylvania
5225. Fulton County, Pennsylvania
5226. Greene township, Pennsylvania
5227. Greensburg city, Pennsylvania
5228. Guilford township, Pennsylvania
5229. Hamilton township, Pennsylvania
5230. Hampton township, Pennsylvania
5231. Hanover borough, Pennsylvania
5232. Hanover township, Pennsylvania
5233. Hanover township, Pennsylvania
5234. Harborcreek township, Pennsylvania
5235. Harrison township, Pennsylvania
5236. Hatfield township, Pennsylvania
5237. Hazleton city, Pennsylvania
5238. Hermitage city, Pennsylvania
5239. Hilltown township, Pennsylvania
5240. Hopewell township, Pennsylvania
5241. Horsham township, Pennsylvania
5242. Indiana borough, Pennsylvania
5243. Jefferson Hills borough, Pennsylvania
5244. Johnstown city, Pennsylvania
5245. Juniata County, Pennsylvania
5246. Kingston borough, Pennsylvania
5247. Lancaster township, Pennsylvania
5248. Lansdale borough, Pennsylvania
5249. Lansdowne borough, Pennsylvania
5250. Lebanon city, Pennsylvania
5251. Lehigh township, Pennsylvania
5252. Lehman township, Pennsylvania
5253. Limerick township, Pennsylvania
5254. Logan township, Pennsylvania
5255. Lower Allen township, Pennsylvania
5256. Lower Burrell city, Pennsylvania
5257. Lower Gwynedd township, Pennsylvania
5258. Lower Moreland township, Pennsylvania
5259. Lower Pottsgrove township, Pennsylvania
5260. Lower Providence township, Pennsylvania
5261. Lower Salford township, Pennsylvania
5262. Lower Saucon township, Pennsylvania
5263. Lower Southampton township, Pennsylvania
5264. Loyalsock township, Pennsylvania
5265. Manchester township, Pennsylvania
5266. Manor township, Pennsylvania
5267. Marple township, Pennsylvania
5268. McCandless township, Pennsylvania
5269. McKeesport city, Pennsylvania
5270. Meadville city, Pennsylvania
5271. Middle Smithfield township, Pennsylvania
5272. Middletown township, Pennsylvania
5273. Milford township, Pennsylvania
5274. Monroeville municipality, Pennsylvania
5275. Montgomery township, Pennsylvania
5276. Montour County, Pennsylvania
5277. Moon township, Pennsylvania
5278. Mount Joy township, Pennsylvania
5279. Mount Pleasant township, Pennsylvania
5280. Muhlenberg township, Pennsylvania
5281. Munhall borough, Pennsylvania
5282. Murrysville municipality, Pennsylvania
5283. Nanticoke city, Pennsylvania
5284. Nether Providence township, Pennsylvania
5285. New Britain township, Pennsylvania
5286. New Castle city, Pennsylvania
5287. New Garden township, Pennsylvania

5288. New Hanover township, Pennsylvania
5289. New Kensington city, Pennsylvania
5290. Newberry township, Pennsylvania
5291. Newtown township, Pennsylvania
5292. Newtown township, Pennsylvania
5293. North Fayette township, Pennsylvania
5294. North Lebanon township, Pennsylvania
5295. North Middleton township, Pennsylvania
5296. North Strabane township, Pennsylvania
5297. North Union township, Pennsylvania
5298. North Whitehall township, Pennsylvania
5299. Palmer township, Pennsylvania
5300. Patton township, Pennsylvania
5301. Penn township, Pennsylvania
5302. Penn township, Pennsylvania
5303. Peters township, Pennsylvania
5304. Phoenixville borough, Pennsylvania
5305. Pine township, Pennsylvania
5306. Plum borough, Pennsylvania
5307. Plumstead township, Pennsylvania
5308. Plymouth township, Pennsylvania
5309. Pocono township, Pennsylvania
5310. Potter County, Pennsylvania
5311. Pottstown borough, Pennsylvania
5312. Pottsville city, Pennsylvania
5313. Rapho township, Pennsylvania
5314. Richland township, Pennsylvania
5315. Richland township, Pennsylvania
5316. Richland township, Pennsylvania
5317. Robinson township, Pennsylvania
5318. Rostraver township, Pennsylvania
5319. Salisbury township, Pennsylvania
5320. Salisbury township, Pennsylvania
5321. Sandy township, Pennsylvania
5322. Scott township, Pennsylvania
5323. Shaler township, Pennsylvania
5324. Sharon city, Pennsylvania
5325. Silver Spring township, Pennsylvania
5326. Skippack township, Pennsylvania
5327. Somerset township, Pennsylvania
5328. South Fayette township, Pennsylvania
5329. South Lebanon township, Pennsylvania
5330. South Middleton township, Pennsylvania
5331. South Park township, Pennsylvania
5332. South Union township, Pennsylvania
5333. South Whitehall township, Pennsylvania
5334. Spring Garden township, Pennsylvania
5335. Spring township, Pennsylvania
5336. Springettsbury township, Pennsylvania
5337. Springfield township, Pennsylvania
5338. Springfield township, Pennsylvania
5339. St. Marys city, Pennsylvania
5340. Stroud township, Pennsylvania
5341. Susquehanna township, Pennsylvania
5342. Swatara township, Pennsylvania
5343. Towamencin township, Pennsylvania
5344. Tredyffrin township, Pennsylvania
5345. Unity township, Pennsylvania
5346. Upper Allen township, Pennsylvania
5347. Upper Chichester township, Pennsylvania
5348. Upper Dublin township, Pennsylvania
5349. Upper Gwynedd township, Pennsylvania
5350. Upper Macungie township, Pennsylvania
5351. Upper Moreland township, Pennsylvania
5352. Upper Providence township, Pennsylvania
5353. Upper Providence township, Pennsylvania
5354. Upper Saucon township, Pennsylvania
5355. Upper Southampton township, Pennsylvania
5356. Upper St. Clair township, Pennsylvania
5357. Upper Uwchlan township, Pennsylvania
5358. Uwchlan township, Pennsylvania
5359. Warrington township, Pennsylvania
5360. Warwick township, Pennsylvania
5361. Warwick township, Pennsylvania
5362. Washington city, Pennsylvania
5363. Washington township, Pennsylvania
5364. Waynesboro borough, Pennsylvania
5365. West Bradford township, Pennsylvania
5366. West Chester borough, Pennsylvania
5367. West Deer township, Pennsylvania
5368. West Goshen township, Pennsylvania
5369. West Hanover township, Pennsylvania
5370. West Hempfield township, Pennsylvania
5371. West Lampeter township, Pennsylvania
5372. West Manchester township, Pennsylvania
5373. West Mifflin borough, Pennsylvania
5374. West Norriton township, Pennsylvania
5375. West Whiteland township, Pennsylvania
5376. Westtown township, Pennsylvania
5377. White township, Pennsylvania
5378. Whitehall borough, Pennsylvania

5379. Whitehall township, Pennsylvania
5380. Whitemarsh township, Pennsylvania
5381. Whitpain township, Pennsylvania
5382. Wilkinsburg borough, Pennsylvania
5383. Williamsport city, Pennsylvania
5384. Willistown township, Pennsylvania
5385. Windsor township, Pennsylvania
5386. Worcester township, Pennsylvania
5387. Wyoming County, Pennsylvania
5388. Wyomissing borough, Pennsylvania
5389. Yeadon borough, Pennsylvania
5390. York township, Pennsylvania
5391. Aguada Municipio, Puerto Rico *
5392. Aguadilla Municipio, Puerto Rico *
5393. Arecibo Municipio, Puerto Rico *
5394. Bayamón Municipio, Puerto Rico *
5395. Cabo Rojo Municipio, Puerto Rico *
5396. Caguas Municipio, Puerto Rico *
5397. Camuy Municipio, Puerto Rico *
5398. Canóvanas Municipio, Puerto Rico *
5399. Carolina Municipio, Puerto Rico *
5400. Cayey Municipio, Puerto Rico *
5401. Cidra Municipio, Puerto Rico *
5402. Coamo Municipio, Puerto Rico *
5403. Corozal Municipio, Puerto Rico *
5404. Dorado Municipio, Puerto Rico *
5405. Guayama Municipio, Puerto Rico *
5406. Guaynabo Municipio, Puerto Rico *
5407. Gurabo Municipio, Puerto Rico *
5408. Hatillo Municipio, Puerto Rico *
5409. Humacao Municipio, Puerto Rico *
5410. Isabela Municipio, Puerto Rico *
5411. Juana Díaz Municipio, Puerto Rico *
5412. Juncos Municipio, Puerto Rico *
5413. Las Piedras Municipio, Puerto Rico *
5414. Manatí Municipio, Puerto Rico *
5415. Mayagüez Municipio, Puerto Rico *
5416. Moca Municipio, Puerto Rico *
5417. Morovis Municipio, Puerto Rico *
5418. Ponce Municipio, Puerto Rico *
5419. Río Grande Municipio, Puerto Rico *
5420. San Germán Municipio, Puerto Rico *
5421. San Juan Municipio, Puerto Rico *
5422. San Lorenzo Municipio, Puerto Rico *
5423. San Sebastián Municipio, Puerto Rico *
5424. Toa Alta Municipio, Puerto Rico *
5425. Toa Baja Municipio, Puerto Rico *
5426. Trujillo Alto Municipio, Puerto Rico *
5427. Vega Alta Municipio, Puerto Rico *
5428. Vega Baja Municipio, Puerto Rico *
5429. Yabucoa Municipio, Puerto Rico *
5430. Yauco Municipio, Puerto Rico *
5431. Adjuntas Municipio, Puerto Rico
5432. Aguas Buenas Municipio, Puerto Rico
5433. Aibonito Municipio, Puerto Rico
5434. Añasco Municipio, Puerto Rico
5435. Arroyo Municipio, Puerto Rico
5436. Barceloneta Municipio, Puerto Rico
5437. Barranquitas Municipio, Puerto Rico
5438. Cataño Municipio, Puerto Rico
5439. Ceiba Municipio, Puerto Rico
5440. Ciales Municipio, Puerto Rico
5441. Comerío Municipio, Puerto Rico
5442. Fajardo Municipio, Puerto Rico
5443. Florida Municipio, Puerto Rico
5444. Guánica Municipio, Puerto Rico
5445. Guayanilla Municipio, Puerto Rico
5446. Hormigueros Municipio, Puerto Rico
5447. Jayuya Municipio, Puerto Rico
5448. Lajas Municipio, Puerto Rico
5449. Lares Municipio, Puerto Rico
5450. Loíza Municipio, Puerto Rico
5451. Luquillo Municipio, Puerto Rico
5452. Maunabo Municipio, Puerto Rico
5453. Naguabo Municipio, Puerto Rico
5454. Naranjito Municipio, Puerto Rico
5455. Orocovis Municipio, Puerto Rico
5456. Patillas Municipio, Puerto Rico
5457. Peñuelas Municipio, Puerto Rico
5458. Quebradillas Municipio, Puerto Rico
5459. Rincón Municipio, Puerto Rico
5460. Sabana Grande Municipio, Puerto Rico
5461. Salinas Municipio, Puerto Rico
5462. Santa Isabel Municipio, Puerto Rico
5463. Utuado Municipio, Puerto Rico

5464. Villalba Municipio, Puerto Rico
5465. Coventry town, Rhode Island *
5466. Cranston city, Rhode Island *
5467. Cumberland town, Rhode Island *
5468. East Providence city, Rhode Island *
5469. North Providence town, Rhode Island *
5470. Pawtucket city, Rhode Island *
5471. Providence city, Rhode Island *
5472. South Kingstown town, Rhode Island *
5473. Warwick city, Rhode Island *
5474. Woonsocket city, Rhode Island *
5475. Barrington town, Rhode Island
5476. Bristol town, Rhode Island
5477. Burrillville town, Rhode Island
5478. Central Falls city, Rhode Island
5479. East Greenwich town, Rhode Island
5480. Glocester town, Rhode Island
5481. Johnston town, Rhode Island
5482. Lincoln town, Rhode Island
5483. Middletown town, Rhode Island
5484. Narragansett town, Rhode Island
5485. Newport city, Rhode Island
5486. North Kingstown town, Rhode Island
5487. North Smithfield town, Rhode Island
5488. Portsmouth town, Rhode Island
5489. Scituate town, Rhode Island
5490. Smithfield town, Rhode Island
5491. Tiverton town, Rhode Island
5492. Warren town, Rhode Island
5493. West Warwick town, Rhode Island
5494. Westerly town, Rhode Island
5495. Aiken city, South Carolina *
5496. Aiken County, South Carolina *
5497. Anderson County, South Carolina *
5498. Beaufort County, South Carolina *
5499. Berkeley County, South Carolina *
5500. Charleston city, South Carolina *
5501. Charleston County, South Carolina *
5502. Cherokee County, South Carolina *
5503. Chester County, South Carolina *
5504. Chesterfield County, South Carolina *
5505. Clarendon County, South Carolina *
5506. Colleton County, South Carolina *
5507. Columbia city, South Carolina *
5508. Darlington County, South Carolina *
5509. Dillon County, South Carolina *
5510. Dorchester County, South Carolina *
5511. Florence city, South Carolina *
5512. Florence County, South Carolina *
5513. Georgetown County, South Carolina *
5514. Goose Creek city, South Carolina *
5515. Greenville city, South Carolina *
5516. Greenville County, South Carolina *
5517. Greenwood County, South Carolina *
5518. Greer city, South Carolina *
5519. Hilton Head Island town, South Carolina *
5520. Horry County, South Carolina *
5521. Jasper County, South Carolina *
5522. Kershaw County, South Carolina *
5523. Lancaster County, South Carolina *
5524. Laurens County, South Carolina *
5525. Lexington County, South Carolina *
5526. Marion County, South Carolina *
5527. Mount Pleasant town, South Carolina *
5528. Myrtle Beach city, South Carolina *
5529. Newberry County, South Carolina *
5530. North Charleston city, South Carolina *
5531. Oconee County, South Carolina *
5532. Orangeburg County, South Carolina *
5533. Pickens County, South Carolina *
5534. Richland County, South Carolina *
5535. Rock Hill city, South Carolina *
5536. Spartanburg city, South Carolina *
5537. Spartanburg County, South Carolina *
5538. Summerville town, South Carolina *
5539. Sumter city, South Carolina *
5540. Sumter County, South Carolina *
5541. Williamsburg County, South Carolina *
5542. York County, South Carolina *
5543. Abbeville County, South Carolina
5544. Anderson city, South Carolina
5545. Bamberg County, South Carolina
5546. Barnwell County, South Carolina
5547. Beaufort city, South Carolina
5548. Bluffton town, South Carolina
5549. Calhoun County, South Carolina
5550. Cayce city, South Carolina
5551. Clemson city, South Carolina
5552. Conway city, South Carolina
5553. Easley city, South Carolina
5554. Edgefield County, South Carolina
5555. Fairfield County, South Carolina
5556. Forest Acres city, South Carolina
5557. Fort Mill town, South Carolina
5558. Fountain Inn city, South Carolina

5559. Gaffney city, South Carolina
5560. Greenwood city, South Carolina
5561. Hampton County, South Carolina
5562. Hanahan city, South Carolina
5563. Irmo town, South Carolina
5564. James Island town, South Carolina
5565. Lee County, South Carolina
5566. Lexington town, South Carolina
5567. Marlboro County, South Carolina
5568. Mauldin city, South Carolina
5569. Moncks Corner town, South Carolina
5570. Newberry city, South Carolina
5571. North Augusta city, South Carolina
5572. North Myrtle Beach city, South Carolina
5573. Orangeburg city, South Carolina
5574. Port Royal town, South Carolina
5575. Saluda County, South Carolina
5576. Simpsonville city, South Carolina
5577. Tega Cay city, South Carolina
5578. Union County, South Carolina
5579. West Columbia city, South Carolina
5580. Brookings County, South Dakota *
5581. Brown County, South Dakota *
5582. Lincoln County, South Dakota *
5583. Minnehaha County, South Dakota *
5584. Pennington County, South Dakota *
5585. Rapid City city, South Dakota *
5586. Sioux Falls city, South Dakota *
5587. Aberdeen city, South Dakota
5588. Beadle County, South Dakota
5589. Box Elder city, South Dakota
5590. Brandon city, South Dakota
5591. Brookings city, South Dakota
5592. Butte County, South Dakota
5593. Clay County, South Dakota
5594. Codington County, South Dakota
5595. Davison County, South Dakota
5596. Hughes County, South Dakota
5597. Huron city, South Dakota
5598. Lake County, South Dakota
5599. Lawrence County, South Dakota
5600. Meade County, South Dakota
5601. Mitchell city, South Dakota
5602. Oglala Lakota County, South Dakota
5603. Pierre city, South Dakota
5604. Roberts County, South Dakota
5605. Spearfish city, South Dakota
5606. Todd County, South Dakota
5607. Union County, South Dakota
5608. Vermillion city, South Dakota
5609. Watertown city, South Dakota
5610. Yankton city, South Dakota
5611. Yankton County, South Dakota
5612. Anderson County, Tennessee *
5613. Bartlett city, Tennessee *
5614. Bedford County, Tennessee *
5615. Blount County, Tennessee *
5616. Bradley County, Tennessee *
5617. Brentwood city, Tennessee *
5618. Campbell County, Tennessee *
5619. Carter County, Tennessee *
5620. Chattanooga city, Tennessee *
5621. Cheatham County, Tennessee *
5622. Claiborne County, Tennessee *
5623. Clarksville city, Tennessee *
5624. Cleveland city, Tennessee *
5625. Cocke County, Tennessee *
5626. Coffee County, Tennessee *
5627. Collierville town, Tennessee *
5628. Columbia city, Tennessee *
5629. Cookeville city, Tennessee *
5630. Cumberland County, Tennessee *
5631. Dickson County, Tennessee *
5632. Dyer County, Tennessee *
5633. Fayette County, Tennessee *
5634. Franklin city, Tennessee *
5635. Franklin County, Tennessee *
5636. Gallatin city, Tennessee *
5637. Germantown city, Tennessee *
5638. Gibson County, Tennessee *
5639. Greene County, Tennessee *
5640. Hamblen County, Tennessee *
5641. Hamilton County, Tennessee *
5642. Hawkins County, Tennessee *
5643. Hendersonville city, Tennessee *
5644. Henry County, Tennessee *
5645. Jackson city, Tennessee *
5646. Jefferson County, Tennessee *
5647. Johnson City city, Tennessee *
5648. Kingsport city, Tennessee *
5649. Knox County, Tennessee *
5650. Knoxville city, Tennessee *
5651. La Vergne city, Tennessee *
5652. Lawrence County, Tennessee *
5653. Lebanon city, Tennessee *
5654. Lincoln County, Tennessee *
5655. Loudon County, Tennessee *
5656. Madison County, Tennessee *
5657. Marshall County, Tennessee *
5658. Maury County, Tennessee *
5659. McMinn County, Tennessee *
5660. Memphis city, Tennessee *
5661. Monroe County, Tennessee *
5662. Montgomery County, Tennessee *
5663. Morristown city, Tennessee *
5664. Mount Juliet city, Tennessee *
5665. Murfreesboro city, Tennessee *
5666. Nashville-Davidson metropolitan government, Tennessee *
5667. Obion County, Tennessee *
5668. Putnam County, Tennessee *
5669. Rhea County, Tennessee *
5670. Roane County, Tennessee *
5671. Robertson County, Tennessee *
5672. Rutherford County, Tennessee *
5673. Sevier County, Tennessee *
5674. Shelby County, Tennessee *
5675. Smyrna town, Tennessee *
5676. Spring Hill city, Tennessee *
5677. Sullivan County, Tennessee *
5678. Sumner County, Tennessee *
5679. Tipton County, Tennessee *
5680. Warren County, Tennessee *
5681. Washington County, Tennessee *
5682. Weakley County, Tennessee *
5683. Williamson County, Tennessee *

5684. Wilson County, Tennessee *
5685. Arlington town, Tennessee
5686. Athens city, Tennessee
5687. Benton County, Tennessee
5688. Bledsoe County, Tennessee
5689. Bristol city, Tennessee
5690. Cannon County, Tennessee
5691. Carroll County, Tennessee
5692. Chester County, Tennessee
5693. Clinton city, Tennessee
5694. Collegedale city, Tennessee
5695. Crockett County, Tennessee
5696. Crossville city, Tennessee
5697. Decatur County, Tennessee
5698. DeKalb County, Tennessee
5699. Dickson city, Tennessee
5700. Dyersburg city, Tennessee
5701. East Ridge city, Tennessee
5702. Elizabethton city, Tennessee
5703. Farragut town, Tennessee
5704. Fentress County, Tennessee
5705. Giles County, Tennessee
5706. Goodlettsville city, Tennessee
5707. Grainger County, Tennessee
5708. Greeneville town, Tennessee
5709. Grundy County, Tennessee
5710. Hardeman County, Tennessee
5711. Hardin County, Tennessee
5712. Hartsville/Trousdale County, Tennessee
5713. Haywood County, Tennessee
5714. Henderson County, Tennessee
5715. Hickman County, Tennessee
5716. Humphreys County, Tennessee
5717. Jackson County, Tennessee
5718. Johnson County, Tennessee
5719. Lakeland city, Tennessee
5720. Lauderdale County, Tennessee
5721. Lawrenceburg city, Tennessee
5722. Lewis County, Tennessee
5723. Lewisburg city, Tennessee
5724. Macon County, Tennessee
5725. Manchester city, Tennessee
5726. Marion County, Tennessee
5727. Martin city, Tennessee
5728. Maryville city, Tennessee
5729. McMinnville city, Tennessee
5730. McNairy County, Tennessee
5731. Meigs County, Tennessee
5732. Millington city, Tennessee
5733. Morgan County, Tennessee
5734. Nolensville town, Tennessee
5735. Oak Ridge city, Tennessee
5736. Overton County, Tennessee
5737. Paris city, Tennessee
5738. Polk County, Tennessee
5739. Portland city, Tennessee
5740. Red Bank city, Tennessee
5741. Scott County, Tennessee
5742. Sequatchie County, Tennessee
5743. Sevierville city, Tennessee
5744. Shelbyville city, Tennessee
5745. Smith County, Tennessee
5746. Soddy-Daisy city, Tennessee
5747. Springfield city, Tennessee
5748. Stewart County, Tennessee
5749. Tullahoma city, Tennessee
5750. Unicoi County, Tennessee
5751. Union City city, Tennessee
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5753. Wayne County, Tennessee
5754. White County, Tennessee
5755. White House city, Tennessee
5756. Abilene city, Texas *
5757. Allen city, Texas *
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5759. Anderson County, Texas *
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5762. Atascosa County, Texas *
5763. Austin city, Texas *
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5765. Bastrop County, Texas *
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5767. Beaumont city, Texas *
5768. Bedford city, Texas *
5769. Bee County, Texas *
5770. Bell County, Texas *
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5773. Brazoria County, Texas *
5774. Brazos County, Texas *
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5778. Burleson city, Texas *
5779. Burnet County, Texas *
5780. Caldwell County, Texas *
5781. Cameron County, Texas *
5782. Carrollton city, Texas *
5783. Cass County, Texas *
5784. Cedar Hill city, Texas *
5785. Cedar Park city, Texas *
5786. Chambers County, Texas *
5787. Cherokee County, Texas *
5788. Cibolo city, Texas *
5789. Cleburne city, Texas *
5790. College Station city, Texas *
5791. Collin County, Texas *
5792. Comal County, Texas *
5793. Conroe city, Texas *
5794. Cooke County, Texas *
5795. Coppell city, Texas *
5796. Copperas Cove city, Texas *
5797. Corpus Christi city, Texas *
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5801. Deer Park city, Texas *
5802. Del Rio city, Texas *
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5806. Duncanville city, Texas *
5807. Ector County, Texas *
5808. Edinburg city, Texas *
5809. El Paso city, Texas *
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5811. Ellis County, Texas *
5812. Erath County, Texas *
5813. Euless city, Texas *
5814. Fannin County, Texas *
5815. Farmers Branch city, Texas *
5816. Flower Mound town, Texas *
5817. Fort Bend County, Texas *
5818. Fort Worth city, Texas *
5819. Friendswood city, Texas *
5820. Frisco city, Texas *
5821. Galveston city, Texas *
5822. Galveston County, Texas *
5823. Garland city, Texas *
5824. Georgetown city, Texas *
5825. Grand Prairie city, Texas *
5826. Grapevine city, Texas *
5827. Grayson County, Texas *
5828. Gregg County, Texas *
5829. Guadalupe County, Texas *
5830. Hale County, Texas *
5831. Haltom City city, Texas *
5832. Hardin County, Texas *
5833. Harker Heights city, Texas *
5834. Harlingen city, Texas *
5835. Harris County, Texas *
5836. Harrison County, Texas *
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5838. Henderson County, Texas *
5839. Hidalgo County, Texas *
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5842. Hopkins County, Texas *
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5844. Howard County, Texas *
5845. Hunt County, Texas *
5846. Huntsville city, Texas *

5847. Hurst city, Texas *
5848. Irving city, Texas *
5849. Jasper County, Texas *
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5854. Keller city, Texas *
5855. Kendall County, Texas *
5856. Kerr County, Texas *
5857. Killeen city, Texas *
5858. Kleberg County, Texas *
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5861. Lamar County, Texas *
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5863. Laredo city, Texas *
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5865. Leander city, Texas *
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5867. Liberty County, Texas *
5868. Little Elm city, Texas *
5869. Longview city, Texas *
5870. Lubbock city, Texas *
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5889. Navarro County, Texas *
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5891. North Richland Hills city, Texas *
5892. Nueces County, Texas *
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5894. Orange County, Texas *
5895. Parker County, Texas *
5896. Pasadena city, Texas *
5897. Pearland city, Texas *
5898. Pflugerville city, Texas *
5899. Pharr city, Texas *
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5901. Polk County, Texas *
5902. Port Arthur city, Texas *
5903. Potter County, Texas *
5904. Randall County, Texas *
5905. Richardson city, Texas *
5906. Rockwall city, Texas *
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5908. Rosenberg city, Texas *
5909. Round Rock city, Texas *
5910. Rowlett city, Texas *
5911. Rusk County, Texas *
5912. San Angelo city, Texas *
5913. San Antonio city, Texas *
5914. San Juan city, Texas *
5915. San Marcos city, Texas *
5916. San Patricio County, Texas *
5917. Schertz city, Texas *
5918. Sherman city, Texas *
5919. Smith County, Texas *
5920. Socorro city, Texas *
5921. Southlake city, Texas *
5922. Starr County, Texas *
5923. Sugar Land city, Texas *
5924. Tarrant County, Texas *
5925. Taylor County, Texas *
5926. Temple city, Texas *
5927. Texarkana city, Texas *
5928. Texas City city, Texas *
5929. The Colony city, Texas *
5930. Titus County, Texas *
5931. Tom Green County, Texas *
5932. Travis County, Texas *
5933. Tyler city, Texas *
5934. Upshur County, Texas *
5935. Val Verde County, Texas *
5936. Van Zandt County, Texas *
5937. Victoria city, Texas *
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5939. Waco city, Texas *
5940. Walker County, Texas *
5941. Waller County, Texas *
5942. Washington County, Texas *
5943. Waxahachie city, Texas *
5944. Weatherford city, Texas *
5945. Webb County, Texas *
5946. Weslaco city, Texas *
5947. Wharton County, Texas *
5948. Wichita County, Texas *
5949. Wichita Falls city, Texas *
5950. Williamson County, Texas *
5951. Wilson County, Texas *
5952. Wise County, Texas *
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5954. Wylie city, Texas *
5955. Addison town, Texas
5956. Alamo city, Texas
5957. Alice city, Texas
5958. Alton city, Texas
5959. Alvin city, Texas
5960. Andrews city, Texas
5961. Andrews County, Texas
5962. Angleton city, Texas
5963. Anna city, Texas
5964. Aransas County, Texas
5965. Athens city, Texas
5966. Azle city, Texas
5967. Balch Springs city, Texas
5968. Bandera County, Texas
5969. Bay City city, Texas
5970. Beeville city, Texas
5971. Bellaire city, Texas
5972. Bellmead city, Texas
5973. Belton city, Texas
5974. Benbrook city, Texas
5975. Big Spring city, Texas
5976. Blanco County, Texas
5977. Boerne city, Texas
5978. Bonham city, Texas
5979. Borger city, Texas
5980. Bosque County, Texas
5981. Brenham city, Texas
5982. Brownwood city, Texas
5983. Buda city, Texas
5984. Burkburnett city, Texas
5985. Burleson County, Texas
5986. Calhoun County, Texas
5987. Callahan County, Texas
5988. Camp County, Texas
5989. Canyon city, Texas
5990. Celina city, Texas
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5992. Clute city, Texas
5993. Colleyville city, Texas
5994. Colorado County, Texas
5995. Comanche County, Texas
5996. Converse city, Texas
5997. Corinth city, Texas
5998. Corsicana city, Texas
5999. Crowley city, Texas
6000. Dawson County, Texas
6001. Deaf Smith County, Texas
6002. Denison city, Texas
6003. DeWitt County, Texas
6004. Dickinson city, Texas
6005. Dimmit County, Texas
6006. Donna city, Texas
6007. Dumas city, Texas
6008. Duval County, Texas
6009. Eagle Pass city, Texas
6010. Eastland County, Texas

6011. El Campo city, Texas
6012. Elgin city, Texas
6013. Ennis city, Texas
6014. Fair Oaks Ranch city, Texas
6015. Falls County, Texas
6016. Fate city, Texas
6017. Fayette County, Texas
6018. Forest Hill city, Texas
6019. Forney city, Texas
6020. Franklin County, Texas
6021. Fredericksburg city, Texas
6022. Freeport city, Texas
6023. Freestone County, Texas
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6025. Fulshear city, Texas
6026. Gaines County, Texas
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6030. Gillespie County, Texas
6031. Glenn Heights city, Texas
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6033. Granbury city, Texas
6034. Gray County, Texas
6035. Greenville city, Texas
6036. Grimes County, Texas
6037. Groves city, Texas
6038. Henderson city, Texas
6039. Hereford city, Texas
6040. Hewitt city, Texas
6041. Hidalgo city, Texas
6042. Highland Village city, Texas
6043. Hockley County, Texas
6044. Horizon City city, Texas
6045. Houston County, Texas
6046. Humble city, Texas
6047. Hutchinson County, Texas
6048. Hutto city, Texas
6049. Ingleside city, Texas
6050. Jacinto City city, Texas
6051. Jackson County, Texas
6052. Jacksonville city, Texas
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6054. Karnes County, Texas
6055. Katy city, Texas
6056. Kerrville city, Texas
6057. Kilgore city, Texas
6058. Kingsville city, Texas
6059. La Marque city, Texas
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6061. Lakeway city, Texas
6062. Lamb County, Texas
6063. Lampasas County, Texas
6064. Lavaca County, Texas
6065. Lee County, Texas
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6067. Leon Valley city, Texas
6068. Levelland city, Texas
6069. Limestone County, Texas
6070. Live Oak city, Texas
6071. Live Oak County, Texas
6072. Llano County, Texas
6073. Lockhart city, Texas
6074. Lumberton city, Texas
6075. Madison County, Texas
6076. Manor city, Texas
6077. Manvel city, Texas
6078. Marshall city, Texas
6079. Melissa city, Texas
6080. Mercedes city, Texas
6081. Milam County, Texas
6082. Mineral Wells city, Texas
6083. Montague County, Texas
6084. Moore County, Texas
6085. Morris County, Texas
6086. Mount Pleasant city, Texas
6087. Murphy city, Texas
6088. Nederland city, Texas
6089. Newton County, Texas
6090. Nolan County, Texas
6091. Orange city, Texas
6092. Palestine city, Texas
6093. Palo Pinto County, Texas
6094. Pampa city, Texas
6095. Panola County, Texas
6096. Paris city, Texas
6097. Pearsall city, Texas
6098. Pecos city, Texas
6099. Pecos County, Texas
6100. Plainview city, Texas
6101. Pleasanton city, Texas
6102. Port Lavaca city, Texas
6103. Port Neches city, Texas
6104. Portland city, Texas
6105. Princeton city, Texas
6106. Prosper town, Texas
6107. Rains County, Texas
6108. Raymondville city, Texas
6109. Red Oak city, Texas
6110. Red River County, Texas
6111. Reeves County, Texas
6112. Richmond city, Texas
6113. Rio Grande City city, Texas
6114. Robertson County, Texas
6115. Robinson city, Texas
6116. Robstown city, Texas
6117. Rockport city, Texas
6118. Roma city, Texas
6119. Royse City city, Texas
6120. Runnels County, Texas
6121. Sabine County, Texas
6122. Sachse city, Texas
6123. Saginaw city, Texas
6124. San Benito city, Texas
6125. San Jacinto County, Texas
6126. Santa Fe city, Texas
6127. Scurry County, Texas
6128. Seabrook city, Texas
6129. Seagoville city, Texas
6130. Seguin city, Texas
6131. Selma city, Texas
6132. Shelby County, Texas
6133. Snyder city, Texas
6134. South Houston city, Texas
6135. Stafford city, Texas
6136. Stephenville city, Texas
6137. Sulphur Springs city, Texas
6138. Sweetwater city, Texas
6139. Taylor city, Texas
6140. Terrell city, Texas
6141. Terry County, Texas
6142. Tomball city, Texas
6143. Trinity County, Texas
6144. Trophy Club town, Texas
6145. Tyler County, Texas
6146. Universal City city, Texas
6147. University Park city, Texas
6148. Uvalde city, Texas
6149. Uvalde County, Texas
6150. Vernon city, Texas
6151. Vidor city, Texas
6152. Ward County, Texas
6153. Watauga city, Texas
6154. Webster city, Texas
6155. West University Place city, Texas
6156. White Settlement city, Texas
6157. Wilbarger County, Texas
6158. Willacy County, Texas
6159. Young County, Texas
6160. Zapata County, Texas
6161. Zavala County, Texas
6162. American Fork city, Utah *
6163. Bountiful city, Utah *
6164. Box Elder County, Utah *
6165. Cache County, Utah *
6166. Cedar City city, Utah *
6167. Clearfield city, Utah *
6168. Cottonwood Heights city, Utah *
6169. Davis County, Utah *
6170. Draper city, Utah *
6171. Eagle Mountain city, Utah *
6172. Herriman city, Utah *
6173. Holladay city, Utah *

6174. Iron County, Utah *
6175. Kaysville city, Utah *
6176. Kearns metro township, Utah *
6177. Layton city, Utah *
6178. Lehi city, Utah *
6179. Logan city, Utah *
6180. Midvale city, Utah *
6181. Millcreek city, Utah *
6182. Murray city, Utah *
6183. Ogden city, Utah *
6184. Orem city, Utah *
6185. Pleasant Grove city, Utah *
6186. Provo city, Utah *
6187. Riverton city, Utah *
6188. Roy city, Utah *
6189. Salt Lake City city, Utah *
6190. Salt Lake County, Utah *
6191. Sandy city, Utah *
6192. Sanpete County, Utah *
6193. Saratoga Springs city, Utah *
6194. South Jordan city, Utah *
6195. Spanish Fork city, Utah *
6196. Springville city, Utah *
6197. St. George city, Utah *
6198. Summit County, Utah *
6199. Syracuse city, Utah *
6200. Taylorsville city, Utah *
6201. Tooele city, Utah *
6202. Tooele County, Utah *
6203. Uintah County, Utah *
6204. Utah County, Utah *
6205. Wasatch County, Utah *
6206. Washington County, Utah *
6207. Weber County, Utah *
6208. West Jordan city, Utah *
6209. West Valley City city, Utah *
6210. Alpine city, Utah
6211. Bluffdale city, Utah
6212. Brigham City city, Utah
6213. Carbon County, Utah
6214. Cedar Hills city, Utah
6215. Centerville city, Utah
6216. Clinton city, Utah
6217. Duchesne County, Utah
6218. Emery County, Utah
6219. Farmington city, Utah
6220. Grantsville city, Utah
6221. Heber city, Utah
6222. Highland city, Utah
6223. Hurricane city, Utah
6224. Juab County, Utah
6225. Lindon city, Utah
6226. Magna metro township, Utah
6227. Mapleton city, Utah
6228. Millard County, Utah
6229. Morgan County, Utah
6230. North Logan city, Utah
6231. North Ogden city, Utah
6232. North Salt Lake city, Utah
6233. Payson city, Utah
6234. Pleasant View city, Utah
6235. San Juan County, Utah
6236. Santaquin city, Utah
6237. Sevier County, Utah
6238. Smithfield city, Utah
6239. South Ogden city, Utah
6240. South Salt Lake city, Utah
6241. Vernal city, Utah
6242. Vineyard town, Utah
6243. Washington city, Utah
6244. West Haven city, Utah
6245. West Point city, Utah
6246. Woods Cross city, Utah
6247. Addison County, Vermont *
6248. Bennington County, Vermont *
6249. Burlington city, Vermont *
6250. Chittenden County, Vermont *
6251. Franklin County, Vermont *
6252. Rutland County, Vermont *
6253. Washington County, Vermont *
6254. Windham County, Vermont *
6255. Windsor County, Vermont *
6256. Bennington town, Vermont
6257. Brattleboro town, Vermont
6258. Caledonia County, Vermont
6259. Colchester town, Vermont
6260. Essex Junction village, Vermont
6261. Essex town, Vermont
6262. Lamoille County, Vermont
6263. Milton town, Vermont
6264. Orange County, Vermont
6265. Orleans County, Vermont
6266. Rutland city, Vermont
6267. South Burlington city, Vermont
6268. Williston town, Vermont
6269. Accomack County, Virginia *
6270. Albemarle County, Virginia *
6271. Alexandria city, Virginia *
6272. Amherst County, Virginia *
6273. Arlington County, Virginia *
6274. Augusta County, Virginia *
6275. Bedford County, Virginia *
6276. Blacksburg town, Virginia *
6277. Botetourt County, Virginia *
6278. Campbell County, Virginia *
6279. Caroline County, Virginia *
6280. Charlottesville city, Virginia *
6281. Chesapeake city, Virginia *
6282. Chesterfield County, Virginia *
6283. Culpeper County, Virginia *
6284. Danville city, Virginia *
6285. Fairfax County, Virginia *
6286. Fauquier County, Virginia *
6287. Franklin County, Virginia *
6288. Frederick County, Virginia *
6289. Gloucester County, Virginia *
6290. Halifax County, Virginia *
6291. Hampton city, Virginia *
6292. Hanover County, Virginia *
6293. Harrisonburg city, Virginia *
6294. Henrico County, Virginia *
6295. Henry County, Virginia *
6296. Isle of Wight County, Virginia *
6297. James City County, Virginia *
6298. Leesburg town, Virginia *
6299. Loudoun County, Virginia *
6300. Louisa County, Virginia *
6301. Lynchburg city, Virginia *
6302. Manassas city, Virginia *
6303. Mecklenburg County, Virginia *
6304. Montgomery County, Virginia *
6305. Newport News city, Virginia *
6306. Norfolk city, Virginia *
6307. Orange County, Virginia *
6308. Petersburg city, Virginia *
6309. Pittsylvania County, Virginia *
6310. Portsmouth city, Virginia *
6311. Prince George County, Virginia *
6312. Prince William County, Virginia *
6313. Pulaski County, Virginia *
6314. Richmond city, Virginia *
6315. Roanoke city, Virginia *
6316. Roanoke County, Virginia *
6317. Rockingham County, Virginia *
6318. Shenandoah County, Virginia *
6319. Smyth County, Virginia *
6320. Spotsylvania County, Virginia *
6321. Stafford County, Virginia *
6322. Suffolk city, Virginia *
6323. Tazewell County, Virginia *

6324. Virginia Beach city, Virginia *
6325. Warren County, Virginia *
6326. Washington County, Virginia *
6327. Wise County, Virginia *
6328. York County, Virginia *
6329. Alleghany County, Virginia
6330. Amelia County, Virginia
6331. Appomattox County, Virginia
6332. Bristol city, Virginia
6333. Brunswick County, Virginia
6334. Buchanan County, Virginia
6335. Buckingham County, Virginia
6336. Carroll County, Virginia
6337. Charlotte County, Virginia
6338. Christiansburg town, Virginia
6339. Clarke County, Virginia
6340. Colonial Heights city, Virginia
6341. Culpeper town, Virginia
6342. Dickenson County, Virginia
6343. Dinwiddie County, Virginia
6344. Essex County, Virginia
6345. Fairfax city, Virginia
6346. Falls Church city, Virginia
6347. Floyd County, Virginia
6348. Fluvanna County, Virginia
6349. Fredericksburg city, Virginia
6350. Front Royal town, Virginia
6351. Giles County, Virginia
6352. Goochland County, Virginia
6353. Grayson County, Virginia
6354. Greene County, Virginia
6355. Greensville County, Virginia
6356. Herndon town, Virginia
6357. Hopewell city, Virginia
6358. King George County, Virginia
6359. King William County, Virginia
6360. Lancaster County, Virginia
6361. Lee County, Virginia
6362. Lunenburg County, Virginia
6363. Madison County, Virginia
6364. Manassas Park city, Virginia
6365. Martinsville city, Virginia
6366. Middlesex County, Virginia
6367. Nelson County, Virginia
6368. New Kent County, Virginia
6369. Northampton County, Virginia
6370. Northumberland County, Virginia
6371. Nottoway County, Virginia
6372. Page County, Virginia
6373. Patrick County, Virginia
6374. Poquoson city, Virginia
6375. Powhatan County, Virginia
6376. Prince Edward County, Virginia
6377. Purcellville town, Virginia
6378. Radford city, Virginia
6379. Rockbridge County, Virginia
6380. Russell County, Virginia
6381. Salem city, Virginia
6382. Scott County, Virginia
6383. Southampton County, Virginia
6384. Staunton city, Virginia
6385. Sussex County, Virginia
6386. Vienna town, Virginia
6387. Warrenton town, Virginia
6388. Waynesboro city, Virginia
6389. Westmoreland County, Virginia
6390. Williamsburg city, Virginia
6391. Winchester city, Virginia
6392. Wythe County, Virginia
6393. Auburn city, Washington *
6394. Bellevue city, Washington *
6395. Bellingham city, Washington *
6396. Benton County, Washington *
6397. Bothell city, Washington *
6398. Bremerton city, Washington *
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6401. Clallam County, Washington *
6402. Clark County, Washington *
6403. Cowlitz County, Washington *
6404. Des Moines city, Washington *
6405. Douglas County, Washington *
6406. Edmonds city, Washington *
6407. Everett city, Washington *
6408. Federal Way city, Washington *
6409. Franklin County, Washington *
6410. Grant County, Washington *
6411. Grays Harbor County, Washington *
6412. Island County, Washington *
6413. Issaquah city, Washington *
6414. Jefferson County, Washington *
6415. Kennewick city, Washington *
6416. Kent city, Washington *
6417. King County, Washington *
6418. Kirkland city, Washington *
6419. Kitsap County, Washington *
6420. Kittitas County, Washington *
6421. Lacey city, Washington *
6422. Lake Stevens city, Washington *
6423. Lakewood city, Washington *
6424. Lewis County, Washington *
6425. Longview city, Washington *
6426. Lynnwood city, Washington *
6427. Marysville city, Washington *
6428. Mason County, Washington *
6429. Mount Vernon city, Washington *
6430. Okanogan County, Washington *
6431. Olympia city, Washington *
6432. Pasco city, Washington *
6433. Pierce County, Washington *
6434. Pullman city, Washington *
6435. Puyallup city, Washington *
6436. Redmond city, Washington *
6437. Renton city, Washington *
6438. Richland city, Washington *
6439. Sammamish city, Washington *
6440. Seattle city, Washington *
6441. Shoreline city, Washington *
6442. Skagit County, Washington *
6443. Snohomish County, Washington *
6444. Spokane city, Washington *
6445. Spokane County, Washington *
6446. Spokane Valley city, Washington *
6447. Stevens County, Washington *
6448. Tacoma city, Washington *
6449. Thurston County, Washington *
6450. University Place city, Washington *
6451. Vancouver city, Washington *
6452. Walla Walla city, Washington *
6453. Walla Walla County, Washington *
6454. Wenatchee city, Washington *
6455. Whatcom County, Washington *
6456. Whitman County, Washington *
6457. Yakima city, Washington *
6458. Yakima County, Washington *
6459. Aberdeen city, Washington
6460. Adams County, Washington
6461. Anacortes city, Washington
6462. Arlington city, Washington
6463. Asotin County, Washington

6464. Bainbridge Island city, Washington
6465. Battle Ground city, Washington
6466. Bonney Lake city, Washington
6467. Camas city, Washington
6468. Centralia city, Washington
6469. Cheney city, Washington
6470. Covington city, Washington
6471. East Wenatchee city, Washington
6472. Edgewood city, Washington
6473. Ellensburg city, Washington
6474. Enumclaw city, Washington
6475. Ferndale city, Washington
6476. Fife city, Washington
6477. Gig Harbor city, Washington
6478. Grandview city, Washington
6479. Kelso city, Washington
6480. Kenmore city, Washington
6481. Klickitat County, Washington
6482. Lake Forest Park city, Washington
6483. Liberty Lake city, Washington
6484. Lincoln County, Washington
6485. Lynden city, Washington
6486. Maple Valley city, Washington
6487. Mercer Island city, Washington
6488. Mill Creek city, Washington
6489. Monroe city, Washington
6490. Moses Lake city, Washington
6491. Mountlake Terrace city, Washington
6492. Mukilteo city, Washington
6493. Newcastle city, Washington
6494. Oak Harbor city, Washington
6495. Pacific County, Washington
6496. Pend Oreille County, Washington
6497. Port Angeles city, Washington
6498. Port Orchard city, Washington
6499. Poulsbo city, Washington
6500. San Juan County, Washington
6501. SeaTac city, Washington
6502. Sedro-Woolley city, Washington
6503. Shelton city, Washington
6504. Skamania County, Washington
6505. Snohomish city, Washington
6506. Snoqualmie city, Washington
6507. Sumner city, Washington
6508. Sunnyside city, Washington
6509. Tukwila city, Washington
6510. Tumwater city, Washington
6511. Washougal city, Washington
6512. West Richland city, Washington
6513. Woodinville city, Washington
6514. Appleton city, Wisconsin *
6515. Barron County, Wisconsin *
6516. Beloit city, Wisconsin *
6517. Brookfield city, Wisconsin *
6518. Brown County, Wisconsin *
6519. Calumet County, Wisconsin *
6520. Chippewa County, Wisconsin *
6521. Clark County, Wisconsin *
6522. Columbia County, Wisconsin *
6523. Dane County, Wisconsin *
6524. Dodge County, Wisconsin *
6525. Douglas County, Wisconsin *
6526. Dunn County, Wisconsin *
6527. Eau Claire city, Wisconsin *
6528. Eau Claire County, Wisconsin *
6529. Fitchburg city, Wisconsin *
6530. Fond du Lac city, Wisconsin *
6531. Fond du Lac County, Wisconsin *
6532. Franklin city, Wisconsin *
6533. Grant County, Wisconsin *
6534. Green Bay city, Wisconsin *
6535. Green County, Wisconsin *
6536. Greenfield city, Wisconsin *
6537. Janesville city, Wisconsin *
6538. Jefferson County, Wisconsin *
6539. Kenosha city, Wisconsin *
6540. Kenosha County, Wisconsin *
6541. La Crosse city, Wisconsin *
6542. La Crosse County, Wisconsin *
6543. Madison city, Wisconsin *
6544. Manitowoc city, Wisconsin *
6545. Manitowoc County, Wisconsin *
6546. Marathon County, Wisconsin *
6547. Marinette County, Wisconsin *
6548. Menomonee Falls village, Wisconsin *
6549. Milwaukee city, Wisconsin *
6550. Milwaukee County, Wisconsin *
6551. Monroe County, Wisconsin *
6552. New Berlin city, Wisconsin *
6553. Oak Creek city, Wisconsin *
6554. Oconto County, Wisconsin *
6555. Oneida County, Wisconsin *
6556. Oshkosh city, Wisconsin *
6557. Outagamie County, Wisconsin *
6558. Ozaukee County, Wisconsin *
6559. Pierce County, Wisconsin *
6560. Polk County, Wisconsin *
6561. Portage County, Wisconsin *
6562. Racine city, Wisconsin *
6563. Racine County, Wisconsin *
6564. Rock County, Wisconsin *
6565. Sauk County, Wisconsin *
6566. Shawano County, Wisconsin *
6567. Sheboygan city, Wisconsin *
6568. Sheboygan County, Wisconsin *
6569. St. Croix County, Wisconsin *
6570. Sun Prairie city, Wisconsin *
6571. Vernon County, Wisconsin *
6572. Walworth County, Wisconsin *
6573. Washington County, Wisconsin *
6574. Waukesha city, Wisconsin *
6575. Waukesha County, Wisconsin *
6576. Waupaca County, Wisconsin *
6577. Wausau city, Wisconsin *
6578. Wauwatosa city, Wisconsin *
6579. West Allis city, Wisconsin *
6580. West Bend city, Wisconsin *
6581. Winnebago County, Wisconsin *
6582. Wood County, Wisconsin *
6583. Adams County, Wisconsin
6584. Allouez village, Wisconsin
6585. Ashland County, Wisconsin
6586. Ashwaubenon village, Wisconsin
6587. Baraboo city, Wisconsin
6588. Bayfield County, Wisconsin
6589. Beaver Dam city, Wisconsin
6590. Bellevue village, Wisconsin
6591. Brown Deer village, Wisconsin
6592. Buffalo County, Wisconsin
6593. Burlington city, Wisconsin
6594. Burnett County, Wisconsin
6595. Caledonia village, Wisconsin
6596. Cedarburg city, Wisconsin
6597. Chippewa Falls city, Wisconsin
6598. Crawford County, Wisconsin
6599. Cudahy city, Wisconsin

6600. De Pere city, Wisconsin
6601. DeForest village, Wisconsin
6602. Door County, Wisconsin
6603. Elkhorn city, Wisconsin
6604. Fort Atkinson city, Wisconsin
6605. Fox Crossing village, Wisconsin
6606. Germantown village, Wisconsin
6607. Glendale city, Wisconsin
6608. Grafton village, Wisconsin
6609. Grand Chute town, Wisconsin
6610. Green Lake County, Wisconsin
6611. Greendale village, Wisconsin
6612. Greenville town, Wisconsin
6613. Harrison village, Wisconsin
6614. Hartford city, Wisconsin
6615. Hobart village, Wisconsin
6616. Holmen village, Wisconsin
6617. Howard village, Wisconsin
6618. Hudson city, Wisconsin
6619. Iowa County, Wisconsin
6620. Jackson County, Wisconsin
6621. Juneau County, Wisconsin
6622. Kaukauna city, Wisconsin
6623. Kewaunee County, Wisconsin
6624. Lafayette County, Wisconsin
6625. Langlade County, Wisconsin
6626. Lincoln County, Wisconsin
6627. Lisbon town, Wisconsin
6628. Little Chute village, Wisconsin
6629. Marinette city, Wisconsin
6630. Marquette County, Wisconsin
6631. Marshfield city, Wisconsin
6632. Menasha city, Wisconsin
6633. Menomonie city, Wisconsin
6634. Mequon city, Wisconsin
6635. Middleton city, Wisconsin
6636. Monroe city, Wisconsin
6637. Mount Pleasant village, Wisconsin
6638. Muskego city, Wisconsin
6639. Neenah city, Wisconsin
6640. Oconomowoc city, Wisconsin
6641. Onalaska city, Wisconsin
6642. Oregon village, Wisconsin
6643. Pewaukee city, Wisconsin
6644. Platteville city, Wisconsin
6645. Pleasant Prairie village, Wisconsin
6646. Plover village, Wisconsin
6647. Port Washington city, Wisconsin
6648. Portage city, Wisconsin
6649. Price County, Wisconsin
6650. Richfield village, Wisconsin
6651. Richland County, Wisconsin
6652. River Falls city, Wisconsin
6653. Rusk County, Wisconsin
6654. Salem Lakes village, Wisconsin
6655. Sawyer County, Wisconsin
6656. Shorewood village, Wisconsin
6657. South Milwaukee city, Wisconsin
6658. Stevens Point city, Wisconsin
6659. Stoughton city, Wisconsin
6660. Suamico village, Wisconsin
6661. Superior city, Wisconsin
6662. Sussex village, Wisconsin
6663. Taylor County, Wisconsin
6664. Trempealeau County, Wisconsin
6665. Two Rivers city, Wisconsin
6666. Verona city, Wisconsin
6667. Vilas County, Wisconsin
6668. Washburn County, Wisconsin
6669. Watertown city, Wisconsin
6670. Waunakee village, Wisconsin
6671. Waupun city, Wisconsin
6672. Waushara County, Wisconsin
6673. Weston village, Wisconsin
6674. Whitefish Bay village, Wisconsin
6675. Whitewater city, Wisconsin
6676. Wisconsin Rapids city, Wisconsin
6677. Albany County, Wyoming *
6678. Campbell County, Wyoming *
6679. Casper city, Wyoming *
6680. Cheyenne city, Wyoming *
6681. Fremont County, Wyoming *
6682. Gillette city, Wyoming *
6683. Laramie city, Wyoming *
6684. Laramie County, Wyoming *
6685. Natrona County, Wyoming *
6686. Sheridan County, Wyoming *
6687. Sweetwater County, Wyoming *
6688. Big Horn County, Wyoming
6689. Carbon County, Wyoming
6690. Converse County, Wyoming
6691. Evanston city, Wyoming
6692. Goshen County, Wyoming
6693. Green River city, Wyoming
6694. Jackson town, Wyoming
6695. Lincoln County, Wyoming
6696. Park County, Wyoming
6697. Riverton city, Wyoming
6698. Rock Springs city, Wyoming
6699. Sheridan city, Wyoming
6700. Teton County, Wyoming
6701. Uinta County, Wyoming

EXHIBIT J

Settling Distributors' Subsidiaries, Joint Ventures, and Predecessor Entities

ABC

1. A.T. Pharma Consultancy FZC
2. AB Eurco Ltd
3. AB Financing, LLC
4. AB Finco Ltd
5. AB Nokco Ltd
6. AB Singapore Investments Pte. Ltd.
7. AB Specialty Solutions, LLC
8. ABBP International Company
9. ABSG Canada Holdings, Inc.
10. Access M.D. Inc.
11. AERO LINK Courier GmbH
12. Agri-Laboratories, LTD
13. Agstrata, LLC
14. AH Schweiz GmbH
15. AH UK Holdco 1 Limited
16. Alcura France
17. Alcura Health España, S.A.
18. Alcura UK Limited
19. Alliance Boots BV
20. Alliance Boots Schweiz Investments GmbH
21. Alliance Health Services, Inc.
22. Alliance Healthcare (Distribution) Limited
23. Alliance Healthcare Acores (f/k/a Proconfar, S.A.)
24. Alliance Healthcare Ecza Deposu Anonim Şirketi
25. Alliance Healthcare España Holdings, S.L.
26. Alliance Healthcare España S.A.
27. Alliance Healthcare France SA
28. Alliance Healthcare Group France SA
29. Alliance Healthcare Management Services (Nederland) B.V.
30. Alliance Healthcare Management Services Limited
31. Alliance Healthcare Nederland B.V.
32. Alliance Healthcare Norge AS
33. Alliance Healthcare Participações SGPS, unipessoal, Lda.
34. Alliance Healthcare Répartition
35. Alliance Healthcare Romania SRL
36. Alliance Healthcare S.A.
37. Alliance Healthcare s.r.o.
38. Alliance Healthcare s.r.o. Slovakia Branch
39. Alliance Healthcare Services France (f/k/a Alliance Healthcare Formation SAS)
40. Alliance Healthcare Technology Services Limited
41. Alliance Healthcare Turkey Holding A.S.
42. Alliance Healthcare Yatirim Holding Anonim Şirketi
43. Alliance Home Health Care, Inc.
44. Alliance UniChem IP Limited
45. Alloga (Nederland) B.V.
46. Alloga France SAS
47. Alloga Logifarma, S.A.
48. Alloga Logistica (España) S.L.
49. ALLOGA LOGISTICS ROMANIA SRL
50. Alloga Portugal - Armazenagem e Distribuicao Farmaceutica, Lda
51. Alloga UK Limited
52. AllyDVM, Inc.
53. Almus Farmaceutica, S.A.
54. Almus France
55. Almus Pharmacuticals Limited
56. Almus, Lda.
57. Alphega SA
58. Ambulatory Pharmaceutical Services, Inc.
59. American Medical Distributors, Inc.
60. American Oncology Network, LLC
61. Amerisource Health Services Corporation
62. Amerisource Health Services, LLC
63. Amerisource Health Services, LLC d/b/a American Health Packaging
64. Amerisource Heritage Corporation
65. AmeriSource Heritage LLC
66. Amerisource Receivables Financial Corporation
67. Amerisource Sales Corporation
68. AmerisourceBergen Associate Assistance Fund
69. AmerisourceBergen BC, ULC
70. AmerisourceBergen Canada Corporation
71. AmerisourceBergen Canada GP LLC
72. AmerisourceBergen Canada GP, LLC
73. AmerisourceBergen Canada Holdings LP
74. AmerisourceBergen Consulting Services, Inc.

75. AmerisourceBergen Consulting Services, LLC
76. AmerisourceBergen Corporation
77. AmerisourceBergen Drug Corporation
78. AmerisourceBergen Foundation
79. AmerisourceBergen Global Holdings GmbH
80. AmerisourceBergen Global Investments S.a.r.l.
81. AmerisourceBergen Global Manufacturer Services GmbH
82. AmerisourceBergen Group GmbH
83. AmerisourceBergen Holding Corporation
84. AmerisourceBergen Integrated Services Offering, LLC
85. AmerisourceBergen International Holdings Inc.
86. AmerisourceBergen International Investments, LLC
87. AmerisourceBergen Luxembourg s.a.r.l.
88. AmerisourceBergen Services Corporation
89. AmerisourceBergen Sourcing, LLC
90. AmerisourceBergen Specialty Group Canada Corporation
91. AmerisourceBergen Specialty Group Canada Holdings, Inc.
92. AmerisourceBergen Specialty Group, Inc.
93. AmerisourceBergen Specialty Group, LLC
94. AmerisourceBergen Swiss Holdings GmbH
95. AmerisourceBergen Switzerland GmbH
96. AmerisourceBergen UK Holdings Ltd
97. Anderson Packaging, Inc.
98. AndersonBrecon Inc.
99. Animal Prescriptions Limited
100. Animalytix LLC
101. Aluspharma Ltd
102. Apotheek Hagi B.V.
103. Apotheek Lichtenvoorde B.V.
104. APS Acquisitions Corporation
105. APS Enterprises Holding Company, Inc.
106. Armila UAB
107. ASD Hemophilia Management, LLC
108. ASD Hemophilia Program, L.P.
109. ASD Specialty Healthcare, Inc.
110. ASD Specialty Healthcare, LLC
111. ASD Specialty Healthcare, LLC d/b/a ASD Healthcare
112. ASD Specialty Healthcare, LLC d/b/a Besse Medical
113. ASD Specialty Healthcare, LLC d/b/a Oncology Supply
114. Automed Technologies (Canada) Inc.
115. Automed Technologies (Canada) ULC
116. Automed Technologies, Inc.
117. BBC Laboratories
118. BBC Operating Sub, Inc.
119. BBC Packing Corporation
120. BBC Special Packaging, Inc.
121. BBC Transportation Co.
122. Beachcourse Limited
123. Bellco Drug Corp.
124. Bellco Health Corp.
125. Bergen Brunswig Corporation
126. Bergen Brunswig Drug Company
127. Bergen Brunswig Realty Services, Inc.
128. Bermuda Equity Holdings, Ltd.
129. Beverly Acquisition Corporation
130. Blue Hill II, Inc.
131. Blue Hill, Inc.
132. BluePoint Intellectual Property, LLC
133. Boots Nederland B.V.
134. Boots Norge AS
135. BP Pharmaceuticals Laboratories Unlimited Company
136. BPL Brasil Participacoes Ltda.
137. BPL Brazil Holding Company s.a.r.l.
138. BPL Brazil, LLC
139. BPL Group, LLC
140. BPL Pharmaceuticals Holding Unlimited Company
141. BPLH Ireland Company Dublin, Zug Branch
142. BPLH Ireland Unlimited Company
143. Brecon Holdings Limited
144. Brecon Pharmaceuticals Holdings Limited
145. Brecon Pharmaceuticals Limited
146. Bridge Medical, Inc.
147. Brownstone Pharmacy, Inc.
148. Bruin Acquisition Corp.
149. Burt's Pharmacy, LLC
150. Cameron Stewart Lifescience Canada Inc.
151. Cannes RJ Participacoes S.A.
152. Capstone Med, Inc.
153. Capstone Pharmacy of Delaware, Inc.
154. CDRF Parent LLC
155. CDRF Parent, Inc.
156. Centaur Services Limited
157. Centro Farmaceutico Asturiano, SA
158. Century Advertising Inc.
159. Chapin Drug Company
160. Choice Medical, Inc.
161. Clinical Outcomes Resource Application Corporation
162. Clinical Outcomes Resource Application, Inc.

163. CliniCare Concepts, Inc.
164. ClinPharm, L.L.C.
165. Committed Provider Services, LLC
166. Compuscript, Inc.
167. Computran Systems, Inc.
168. Corrections Pharmacies Licensing Company, L.L.C.
169. Corrections Pharmacies of California, LP
170. Corrections Pharmacies of Hawaii, LP
171. Corrections Pharmacies, L.L.C.
172. Cubex, LLC
173. Datapharm Sarl
174. DD Wholesale, Inc.
175. Dialysis Purchasing Alliance, Inc.
176. Directlog
177. Documedics Acquisition Co., Inc.
178. Drug Service, Inc.
179. Dunnington Drug, Inc.
180. Dunnington RX Services of Massachusetts, Inc.
181. Dunnington RX Services of Rhode Island, Inc.
182. Durr-Fillauer Medical, Inc.
183. Durvet, Inc.
184. Dymaxium Healthcare Innovations, Ltd.
185. Dymaxium Holdings, Ltd.
186. Dymaxium, Ltd.
187. Entel d.o.o.
188. Escalante Solutions, L.P.
189. Esko Itriyat Sanayi ve Ticaret Anonim Şirketi
190. Euro Registratie Collectief B.V.
191. European Physician Networks GmbH
192. Express Pharmacy Services, Inc.
193. Falcon Acquisition Sub, LLC
194. Family Center Pharmacy, Inc.
195. Feeders Advantage, LCC
196. General Drug Company
197. Goot Nursing Home Pharmacy, Inc.
198. Goot Westbridge Pharmacy, Inc.
199. Goot's Goodies, Inc.
200. Goot's Pharmacy & Orthopedic Supply, Inc.
201. Green Barn, Inc
202. H. D. Smith Holding Company
203. H. D. Smith Holdings, LLC
204. H. D. Smith Wholesale Drug Co.
205. H. D. Smith, LLC
206. HAI Acquisition, Inc.
207. HDS Solutions, LLC
208. Health Services Capital Corporation
209. Healthcare Prescription Services, Inc.
210. HealthForward Inc.
211. HealthQuest Partner II, L.P.
212. HealthTronics Data Solutions LLC
213. HealthTronics Data Solutions, LLC
214. HealthTronics Information Technology Solutions, Inc.
215. Hedef International Holdings BV
216. Home Medical Equipment Health Company
217. Hydra Pharm SPA
218. I.g.G. of America, Inc.
219. IHS Acquisition XXX, Inc.
220. Imedex, Inc.
221. Imedex, LLC
222. Independent Pharmacy Buying Group, Inc.
223. Innomar Pharmacy (BC) Inc.
224. Innomar Pharmacy (SK) Inc.
225. Innomar Pharmacy Inc.
226. Innomar Specialty Pharmacy, Inc.
227. Innomar Strategies Inc.
228. Innovation Cancer, Inc.
229. Insta-Care Holdings, Inc.
230. Insta-Care Pharmacy Services Corporation
231. Intake Initiatives Incorporated
232. IntegraConnect NewCo, LLC
233. Integrated Commercialization Solutions, Inc.
234. Integrated Commercialization Solutions, LLC
235. Integrated Health Systems Outcomes Coalition, LLC
236. Inteplex, Inc.
237. Interfill, LLC
238. International Oncology Network Solutions, Inc.
239. International Physician Networks, L.L.C.
240. International Rheumatology Network, L.L.C.
241. IntrinsiQ Holdings, Inc.
242. IntrinsiQ Specialty Solutions, Inc.
243. IntrinsiQ Tendler, Inc.
244. IntrinsiQ, LLC
245. J.M. Blanco, Inc.
246. James Brudnick Company, Inc.
247. K/S Instrument Corp.
248. KRP Investments, Inc.
249. Labpak Limited
250. LAD Drug Corporation
251. Leading Educational Research Network, LLC
252. Lexicon Pharmacy Services, L.L.C.
253. Liberty Acquisition Corp.
254. Libra C.V.
255. Los Angeles Drug Corporation
256. M.D.P. Properties, Inc.
257. Managed Care Network, Inc.
258. Marshall Reinardy LLC

259. Medical Health Industries, Inc.
260. Medical Initiatives, Inc.
261. Medidyne Corp.
262. Medselect Inc.
263. Memorial Pet Care, Inc.
264. Micro Technologies Canada Inc.
265. MWI Buying Group Limited (formerly St. Francis Limited)
266. MWI Supply (UK Acquisition) Limited
267. MWI Supply (UK Holdings) Limited
268. MWI Supply (UK) Limited
269. MWI Veterinary Supply Co.
270. MWI Veterinary Supply, Inc.
271. Nareks Ecza Deposu Ticaret Anonim Şirketi
272. Network for Medical Communication & Research Analytics, LLC
273. New Jersey Medical Corporation
274. Nexiapharma, SL
275. NMCR Holdings, Inc.
276. NMCR-Europe, LLC
277. Northeast Veterinary Supply Company, LLC
278. Oktal Pharma d.o.o
279. Oktal Pharma d.o.o
280. Oktal Pharma d.o.o [Zagreb]
281. Oktal Pharma d.o.o.
282. Oktal Pharma Hungary K.f.t.
283. Omni Med B, Inc.
284. OPH Oktal Pharma d.o.o
285. OTC Direct Limited
286. Paris Acquisition Corp.
287. Pharm Plus Acquisition, Inc.
288. Pharma One Corporation Limited
289. Pharmacy Corporation of America
290. Pharmacy Corporation of America - Massachusetts, Inc.
291. Pharmacy Healthcare Solutions, Ltd.
292. Pharmacy Review Services, Inc.
293. Pharmdata s.r.o.
294. PharMEDium Healthcare Corporation
295. PharMEDium Healthcare Holdings LLC
296. PharMEDium Healthcare Holdings, Inc.
297. PharMEDium Healthcare LLC
298. PharMEDium Pharmacy Services, LLC
299. PharMEDium R.E., LLC
300. PharMEDium Services, LLC
301. PharMerica Drug Systems, Inc.
302. PharMerica Technology Solutions, LLC
303. Pharmerica, Inc.
304. Pitango HealthTech Fund I, L.P.
305. Planet Software Limited
306. PMSI MSA Services, Inc.
307. PMSI, Inc.
308. PPSC USA, LLC
309. Premier Pharmacy, Inc.
310. Premier Source Diagnostics Inc.
311. Premier Source, LLC
312. Prescribe Wellness, LLC
313. Profarma Distribuidora de Produtos Farmaceuticos S.A.
314. Ramuneles Vaistine UAB
315. Reimbursement Education Network, LLC
316. Rightpak, Inc.
317. Rombro's Drug Center, Inc.
318. Roscoe Acquisition Corporation
319. S.R.P. (Services de la Répartition Pharmaceutique)
320. SecureDVM, LLC
321. Securos Europe GmbH
322. Silver Streak I, LLC
323. Skills in Healthcare France
324. Skills in Healthcare Pazarlama ve Tanitim Hizmetleri Anonim Şirketi
325. Skills in Healthcare Romania S.r.l.
326. Smart ID Works, LLC
327. Smith Medical Partners, LLC
328. Snipetjernveien 10 Norge AS
329. Solana Beach, Inc.
330. Southwest Pharmacies, Inc.
331. Southwestern Drug Corporation
332. SparkSense Analytics, Inc.
333. Specialty Advancement Network, LLC
334. Specialty Pharmacy of California, Inc.
335. Specialty Pharmacy, Inc.
336. Spielberg Acquisition Corp.
337. Spits B.V.
338. Stadt Solutions, LLC
339. Stephar B.V.
340. Strategic Pharmaceutical Solutions, Inc.
341. Swine Solutions Network, LLC
342. Taylor & Manno Asset Recovery, Inc.
343. Telepharmacy Solutions, Inc.
344. Terra-Lab d.o.o
345. The Allen Company
346. The Lash Group, Inc.
347. The Lash Group, LLC
348. TheraCom, L.L.C.
349. ThermoSecure Medical Equipment GmbH
350. TMESYS, Inc.
351. TrakCel Holding Company, Inc.
352. Trellis Healthcare Consulting, L.L.C.
353. Trellis Healthcare Consulting, LLC
354. True Blue Indemnity Company

355. United Company of Pharmacists SAE
356. Universal Packaging Systems, Inc.
357. US Bioservices Corporation
358. Valley Wholesale Drug Co., LLC
359. Value Apothecaries, Inc.
360. Vedco, Inc.
361. Vetbridge Animal Health, LLC
362. Vetbridge Product Development (NM-OMP) LLC
363. VetSpace Limited
364. VetSpace, Inc.
365. Vetswest Limited
366. W.C. International Limited
367. WBA Acquisitions Luxco 9 S.à.r.l.
368. Wight Nederland Holdco 2 B.V.
369. Wight Nederland Holdco 4 BV
370. WML, LLC
371. Woodglen Properties Limited
372. Woodglen Properties Limited Portugal Branch
373. World Courier (Aust) Pty. Ltd.
374. World Courier (Austria) GmbH
375. World Courier (Austria) GmbH – Serbia Branch
376. World Courier (Deutschland) GmbH
377. World Courier (Finland) Oy
378. World Courier (India) Private Limited
379. World Courier (Ireland) Limited
380. World Courier (Lithuania), UAB
381. World Courier (Malaysia) Sdn. Bhd.
382. World Courier (Norway) AS
383. World Courier (NZ) Limited
384. World Courier (Poland) Sp. Z.o.o.
385. World Courier (Shanghai) Co., Ltd Guangzhou Branch
386. World Courier (Shanghai) Co., Ltd.
387. World Courier (Shanghai) Co., Ltd., Beijing Branch
388. World Courier (Sweden) AB
389. World Courier (Switzerland) SA
390. World Courier (U.K.) Limited
391. World Courier Asia (Thailand) Co., Ltd.
392. World Courier Belgium s.a.
393. World Courier Bulgaria
394. World Courier Czech Republic s.r.o.
395. World Courier de Chile Limitada
396. World Courier de Colombia S.A.
397. World Courier de Espana, S.A.
398. World Courier de Mexico S.A. de C.V.
399. World Courier de Portugal, Lda.
400. World Courier de Uruguay S.A.
401. World Courier del Ecuador S.A.
402. World Courier del Peru S.A.
403. World Courier Denmark A/S
404. World Courier do Brasil Transportes Internacionais Ltda.
405. World Courier France S.A.R.L.
406. World Courier Ground (Europe) Limited
407. World Courier Ground, Inc.
408. World Courier Group Logistics, Inc.
409. World Courier Group S.a.r.l.
410. World Courier Group, Inc.
411. World Courier Group, Inc. Taiwan Branch
412. World Courier Hellas Limited Liability Company
413. World Courier Holland BV
414. World Courier Hong Kong Limited
415. World Courier Hungary Freight Forwarder and Service Provider Limited Liability Company
416. World Courier Israel Ltd.
417. World Courier Italia srl
418. World Courier K.K. Japan
419. World Courier Korea Co., Ltd.
420. World Courier Limited (Russia)
421. World Courier Logistics (Europe) Limited
422. World Courier Logistics (UK) Limited
423. World Courier Logistics, Inc.
424. World Courier Logistics, Inc. (DE)
425. World Courier Logistics, Inc. (NY)
426. World Courier Management Limited
427. World Courier Management, Inc.
428. World Courier of Canada Ltd
429. World Courier Operations Kenya Limited
430. World Courier Philippines – Representative Office
431. World Courier Romania S.R.L.
432. World Courier S.A.
433. World Courier Singapore Pte Ltd
434. World Courier Slovak Republic s.r.o.
435. World Courier South Africa (Proprietary) Limited
436. World Courier Tasimacilik ve Lojistik Hizmetleri Ticaret Limited Sirketi
437. World Courier Ukraine LLC
438. World Courier Venezuela, S.A.
439. World Courier Zagreb d.o.o.
440. World Courier, Inc.
441. World Courier, kurirske storitve,d.o.o.
442. World Customs Brokerage, Inc.
443. Xcenda (UK) Limited
444. Xcenda GmbH

445. Xcenda Switzerland GmbH
446. Xcenda, L.L.C.
447. ZU Vase Zdravije

Cardinal

1. A+ Secure Packaging, LLC
2. Abilene Nuclear, LLC
3. Access Closure, Inc.
4. Acuity GPO, LLC
5. Aero-Med, Ltd.
6. Allegiance (BVI) Holding Co. Ltd.
7. Allegiance Corporation
8. Allegiance Healthcare (Labuan) Pte. Ltd.
9. Allegiance I, LLC
10. Allegiance Labuan Holdings Pte. Ltd.
11. API (Suppliers) Limited
12. AssuraMed Acquisition Corp.
13. AssuraMed Group, Inc.
14. AssuraMed Holding, Inc.
15. AssuraMed Intermediate Holding, Inc.
16. AssuraMed, Inc.
17. C. International, Inc.
18. Cardinal Distribution Holding Corporation - I
19. Cardinal Distribution Holding Corporation - II
20. Cardinal Health 100, Inc.
21. Cardinal Health 104 LP
22. Cardinal Health 105, Inc.
23. Cardinal Health 107, LLC
24. Cardinal Health 108, LLC
25. Cardinal Health 110, LLC
26. Cardinal Health 112, LLC
27. Cardinal Health 113, LLC
28. Cardinal Health 114, Inc.
29. Cardinal Health 115, LLC
30. Cardinal Health 116, LLC
31. Cardinal Health 118, LLC
32. Cardinal Health 119, LLC
33. Cardinal Health 121, LLC
34. Cardinal Health 122, LLC
35. Cardinal Health 123, LLC
36. Cardinal Health 124, LLC
37. Cardinal Health 125, LLC
38. Cardinal Health 126, LLC
39. Cardinal Health 127, Inc.
40. Cardinal Health 128, LLC
41. Cardinal Health 130, LLC
42. Cardinal Health 131, LLC
43. Cardinal Health 132, LLC
44. Cardinal Health 133, Inc.
45. Cardinal Health 2, LLC
46. Cardinal Health 200, LLC
47. Cardinal Health 201 Canada L.P.
48. Cardinal Health 201, Inc.
49. Cardinal Health 215, LLC
50. Cardinal Health 222 (Thailand) Ltd.
51. Cardinal Health 242, LLC
52. Cardinal Health 246, Inc.
53. Cardinal Health 247, Inc.
54. Cardinal Health 249, LLC
55. Cardinal Health 250 Dutch C.V.
56. Cardinal Health 251, LLC
57. Cardinal Health 252, LLC
58. Cardinal Health 253, LP
59. Cardinal Health 3, LLC
60. Cardinal Health 414, LLC
61. Cardinal Health 418, Inc.
62. Cardinal Health 5, LLC
63. Cardinal Health 500, LLC
64. Cardinal Health 524, LLC
65. Cardinal Health 529, LLC
66. Cardinal Health 6, Inc.
67. Cardinal Health 7, LLC
68. Cardinal Health 8, LLC
69. Cardinal Health Australia 503 Pty Ltd.
70. Cardinal Health Austria 504 GmbH
71. Cardinal Health Belgium 505 BVBA
72. Cardinal Health Canada Holdings Cooperatie U.A.
73. Cardinal Health Canada Inc.
74. Cardinal Health Capital Corporation
75. Cardinal Health Cardiology Solutions, LLC
76. Cardinal Health Chile Limitada
77. Cardinal Health Colombia S.A.S.
78. Cardinal Health Commercial Technologies, LLC
79. Cardinal Health Corporate Solutions, LLC
80. Cardinal Health D.R. 203 II Ltd.
81. Cardinal Health Denmark ApS
82. Cardinal Health do Brasil Ltda.
83. Cardinal Health Finance
84. Cardinal Health Finland Oy
85. Cardinal Health Foundation
86. Cardinal Health France 506 SAS
87. Cardinal Health Funding, LLC
88. Cardinal Health Germany 507 GmbH
89. Cardinal Health Germany Manufacturing GmbH
90. Cardinal Health Holding International, Inc.
91. Cardinal Health International Philippines, Inc.
92. Cardinal Health IPS, LLC

93. Cardinal Health Ireland 419 Designated Activity Company
94. Cardinal Health Ireland 508 Limited
95. Cardinal Health Ireland Manufacturing Limited
96. Cardinal Health Ireland Unlimited Company
97. Cardinal Health Italy 509 S.r.l.
98. Cardinal Health Japan G.K.
99. Cardinal Health Korea Limited
100. Cardinal Health Luxembourg 420 S.a.r.l.
101. Cardinal Health Luxembourg 522 S.a.r.l.
102. Cardinal Health Malaysia 211 Sdn. Bhd.
103. Cardinal Health Malta 212 Limited
104. Cardinal Health Managed Care Services, LLC
105. Cardinal Health Medical Products India Private Limited
106. Cardinal Health Mexico 244 S. de R.L. de C.V.
107. Cardinal Health Mexico 514 S. de R.L. de C.V.
108. Cardinal Health Middle East FZ-LLC
109. Cardinal Health MPB, Inc.
110. Cardinal Health Napoleon Holding, LLC
111. Cardinal Health Netherlands 502 B.V.
112. Cardinal Health Netherlands 525 Cooperatie U.A.
113. Cardinal Health Netherlands 528 B.V.
114. Cardinal Health Norway AS
115. Cardinal Health P.R. 120, Inc.
116. Cardinal Health P.R. 218, Inc.
117. Cardinal Health P.R. 220, LLC
118. Cardinal Health P.R. 436, Inc.
119. Cardinal Health Panama, S. de R.L.
120. Cardinal Health Pharmaceutical Contracting, LLC
121. Cardinal Health Pharmacy Services, LLC
122. Cardinal Health Poland Spolka z ograniczona odpowiedzialnoscia
123. Cardinal Health Portugal 513, Unipessoal Lda.
124. Cardinal Health Russia
125. Cardinal Health Singapore 225 Pte. Ltd.
126. Cardinal Health Spain 511 S.L.
127. Cardinal Health Sweden 512 A.B.
128. Cardinal Health Switzerland 515, GmbH
129. Cardinal Health Systems, Inc.
130. Cardinal Health Technologies Switzerland GmbH
131. Cardinal Health Technologies, LLC
132. Cardinal Health U.K. 418 Limited
133. Cardinal Health U.K. 432 Limited
134. Cardinal Health U.K. Holding Limited
135. Cardinal Health U.K. International Holding LLP
136. Cardinal Health, Inc.
137. Cardinal MED Equipment Consulting (Shanghai) Co., Ltd.
138. Cirpro de Delicias S.A. de C.V.
139. Clinic Pharmacies III, LLC
140. Clinic Pharmacies, LLC
141. Community Pharmacy Enterprises, LLC
142. Convertors de Mexico S.A. de C.V.
143. Cordis (Shanghai) MED Devices Co., Ltd.
144. Cordis Cashel Unlimited Company
145. Cordis Corporation
146. Cornerstone Rheumatology LP
147. Covidien Manufacturing Solutions, S.A.
148. Dutch American Manufacturers II (D.A.M. II) B.V.
149. Ellipticare, LLC
150. EPIC Insurance Company
151. Especialidades Medicas Kenmex S.A. de C.V.
152. Experience East, LLC
153. Flexible Stenting Solutions, Inc.
154. Frog Horned Capital, Inc.
155. Generic Drug Holdings, Inc.
156. GetOutcomes, LLC
157. Griffin Capital, LLC
158. HDG Acquisition, Inc.
159. imgRx Healdsburg, Inc.
160. imgRx Salud, Inc.
161. imgRx SJ Valley, Inc.
162. imgRx SLO, Inc.
163. imgRx Sonoma, Inc.
164. InnerDyne Holdings, Inc.
165. Innovative Therapies, Inc.
166. Instant Diagnostic Systems, Inc.
167. InteCardia-Tennessee East Catheterization, LLC
168. ITI Sales, LLC
169. Kendall-Gammatron Limited
170. Killilea Development Company, Ltd.
171. Kinray I, LLC
172. KPR Australia Pty. Ltd.
173. KPR Switzerland Sales GmbH
174. KPR U.S., LLC
175. Leader Drugstores, Inc.
176. Ludlow Technical Products Canada, Ltd.
177. Marin Apothecaries
178. Medicap Pharmacies Incorporated
179. Medicine Shoppe Capital Corporation
180. Medicine Shoppe International, Inc.

181. Medicine Shoppe Internet, Inc.
182. Mediquip Sdn. Bhd.
183. Mirixa Corporation
184. MosaicGPO, LLC
185. mscripts Holdings, LLC
186. mscripts Systems India Private Limited
187. mscripts, LLC
188. Nippon Covidien Ltd.
189. One Cloverleaf, LLC
190. Outcomes Incorporated
191. Owen Shared Services, Inc.
192. Pharmacy Operations Of New York, Inc.
193. Pharmacy Operations, Inc.
194. Physicians Purchasing, Inc.
195. Pinnacle Intellectual Property Services, Inc.
196. Pinnacle Intellectual Property Services-International, Inc.
197. Quiroproductos de Cuauhtemoc S. de R.L. de C.V.
198. RainTree Administrative Services, LLC
199. RainTree Care Management, LLC
200. RainTree GPO, LLC
201. Ransdell Surgical, Inc.
202. Red Oak Sourcing, LLC
203. Renal Purchasing Group, LLC
204. RGH Enterprises, Inc.
205. RT Oncology Services Corporation
206. Rxealtime, Inc.
207. Sierra Radiopharmacy, L.L.C.
208. Sonexus Health Access & Patient Support, LLC
209. Sonexus Health Distribution Services, LLC
210. Sonexus Health Financial Solutions, LLC
211. Sonexus Health Pharmacy Services, LLC
212. Sonexus Health, LLC
213. TelePharm, LLC
214. The Harvard Drug Group, L.L.C.
215. Tianjin ITI Trading Company
216. Tradex International, Inc.
217. Traverse GPO, LLC
218. Wavemark Lebanon Offshore s.a.l.
219. Wavemark, Inc.
220. Red Oak Sourcing, LLC
221. API (Suppliers) Limited
222. Sierra Radiopharmacy, L.L.C.
223. Abilene Nuclear, LLC
224. InteCardia-Tennessee East Catheterization, LLC
225. Kendall-Gammatron Limited
226. Almus Pharmaceuticals USA LLC
227. Cardinal Health (H.K.) Co. Limited
228. Cardinal Health (Shanghai) Pharmaceutical Co., Ltd.
229. Cardinal Health (Sichuan) Pharmaceutical Co., Ltd.
230. Cardinal Health (Wuxi) Pharmaceutical Co., Ltd.
231. Cardinal Health Hedan (Shenzhen) Pharmaceutical Co., Ltd.
232. Dalian Zhongda Pharmaceutical Company Limited
233. NaviHealth Holdings, LLC
234. Parch, L.L.C.
235. 6464661 Canada Inc.
236. Academy Of Managed Care Medicine, L.L.C.
237. Alaris Medical 1 (Suisse) Sarl
238. Alaris Medical New Zealand Limited
239. Allegiance Healthcare International GmbH
240. Allegiance Pro Inc.
241. Allied Healthcare Services, Inc.
242. Almus Pharmaceuticals Singapore Pte. Ltd.
243. Almus Pharmaceuticals USA LLC
244. American Threshold Industries, Inc.
245. Anoka, LLC
246. ARCH Collection Corporation
247. ARCH, S.A.
248. Armand Scott, LLC
249. Aurum Pharmaceuticals Limited
250. Behrens Inc.
251. Beijing Baiji Advanced Specialty Company Limited
252. Bellwether Oncology Alliance, Inc.
253. Bentley Merger Sub, LLC
254. Bindley Western Funding Corporation
255. Bindley Western Industries II Of Maine, Inc.
256. Biosigna GmbH Institut für Biosignalverarbeitung und Systemanalyse
257. Bird Products (Japan) Ltd.
258. Bird Products Corporation
259. Brighton Capital, Inc.
260. Buffalo Merger Corp.
261. BW Transportation Services, Inc.
262. Cardal II, LLC
263. Cardal, Inc.
264. Cardinal Florida, Inc.
265. Cardinal Health (Beijing) China Pharmaceutical Co., Ltd.
266. Cardinal Health (Beijing) Medical Trading Co., Ltd.
267. Cardinal Health (Beijing) Pharmacy Co., Ltd.
268. Cardinal Health (Chengdu) Pharmacy Co., Ltd.

269. Cardinal Health (China) Investment Co., Ltd.
270. Cardinal Health (Chongqing) Pharmaceutical Co., Ltd.
271. Cardinal Health (Chongqing) Pharmacy Co., Ltd.
272. Cardinal Health (H.K.) Co. Limited
273. Cardinal Health (Hubei) Pharmaceutical Co., Ltd.
274. Cardinal Health (L) Co., Ltd.
275. Cardinal Health (Liaoning) Pharmaceutical Co., Ltd.
276. Cardinal Health (P02296)
277. Cardinal Health (P04080)
278. Cardinal Health (Shanghai) Commercial and Trading Company Limited
279. Cardinal Health (Shanghai) Cosmetics Trading Co., Ltd.
280. Cardinal Health (Shanghai) Logistics Co., Ltd.
281. Cardinal Health (Shanghai) Pharmaceutical Co., Ltd.
282. Cardinal Health (Shanghai) Pharmacy Co., Ltd.
283. Cardinal Health (Shanxi) Pharmaceutical Co., Ltd.
284. Cardinal Health (Shenyang) Pharmacy Co., Ltd.
285. Cardinal Health (Sichuan) Pharmaceutical Co., Ltd.
286. Cardinal Health (Tianjin) Pharmaceutical Co., Ltd.
287. Cardinal Health (Wuxi) Pharmaceutical Co., Ltd.
288. Cardinal Health (WuXi) Pharmacy Co., Ltd.
289. Cardinal Health (Zhejiang) Pharmaceutical Co., Ltd.
290. Cardinal Health 101, Inc.
291. Cardinal Health 102, Inc.
292. Cardinal Health 103, Inc.
293. Cardinal Health 106, Inc.
294. Cardinal Health 109, Inc.
295. Cardinal Health 111, LLC
296. Cardinal Health 113, LLC
297. Cardinal Health 117, LLC
298. Cardinal Health 129, Inc.
299. Cardinal Health 208, Inc.
300. Cardinal Health 301, LLC
301. Cardinal Health 400, Inc.
302. Cardinal Health 401, Inc.
303. Cardinal Health 402, Inc.
304. Cardinal Health 403, Inc.
305. Cardinal Health 404, Inc.
306. Cardinal Health 405, Inc.
307. Cardinal Health 406, Inc.
308. Cardinal Health 406, LLC
309. Cardinal Health 407, Inc.
310. Cardinal Health 408, Inc.
311. Cardinal Health 409, Inc.
312. Cardinal Health 410, Inc.
313. Cardinal Health 411, Inc.
314. Cardinal Health 412, Inc.
315. Cardinal Health 413, Inc.
316. Cardinal Health 415, Inc.
317. Cardinal Health 416, Inc.
318. Cardinal Health 417, Inc.
319. Cardinal Health 419, LLC
320. Cardinal Health 420, LLC
321. Cardinal Health 421 Limited Partnership
322. Cardinal Health 421, Inc.
323. Cardinal Health 422, Inc.
324. Cardinal Health 501 Dutch C.V.
325. Cardinal Health Austria 201 GmbH
326. Cardinal Health Bermuda 224, Ltd.
327. Cardinal Health Brasil 423 Servicos Farmaceuticos Nucleares Ltda
328. Cardinal Health Canada 204, Inc.
329. Cardinal Health Canada 301, Inc.
330. Cardinal Health Canada 302, Inc.
331. Cardinal Health Canada 307, ULC
332. Cardinal Health Canada 403, Inc.
333. Cardinal Health Canada 437, Inc.
334. Cardinal Health Canada Inc.
335. Cardinal Health Canada LP
336. Cardinal Health Cayman Islands Holding Co. Ltd
337. Cardinal Health Cayman Islands Ltd.
338. Cardinal Health China Co., Ltd.
339. Cardinal Health D.R. 203 Limited
340. Cardinal Health Europe IT GmbH
341. Cardinal Health France 205 SAS
342. Cardinal Health France 309 SAS
343. Cardinal Health Germany 206 GmbH
344. Cardinal Health Germany 234 GmbH
345. Cardinal Health Germany 318 GmbH
346. Cardinal Health Hedan (Shenzhen) Pharmaceutical Co., Ltd.
347. Cardinal Health Hong Kong Limited
348. Cardinal Health I, Inc.
349. Cardinal Health Imaging, LLC
350. Cardinal Health India Private Limited
351. Cardinal Health International Ventures, Ltd.
352. Cardinal Health Ireland 406 Ltd.

353. Cardinal Health Ireland 527 General Partnership
354. Cardinal Health Italy 208 S.r.l.
355. Cardinal Health Italy 312 S.p.A.
356. Cardinal Health Lease Funding 2002A, LLC
357. Cardinal Health Lease Funding 2002AQ, LLC
358. Cardinal Health Lease Funding 2003A, LLC
359. Cardinal Health Lease Funding 2003AQ, LLC
360. Cardinal Health Lease Funding 2003B, LLC
361. Cardinal Health Lease Funding 2003BQ, LLC
362. Cardinal Health Lease Funding 2004A, LLC
363. Cardinal Health Lease Funding 2004AQ, LLC
364. Cardinal Health Luxembourg 523 S.a.r.l.
365. Cardinal Health Mauritius Holding 226 Ltd.
366. Cardinal Health Mexico 213, S.A. de C.V.
367. Cardinal Health Netherlands 238 BV
368. Cardinal Health Netherlands 526 B.V.
369. Cardinal Health Netherlands Financing C.V.
370. Cardinal Health Netherlands Holding B.V.
371. Cardinal Health New Zealand 313 Limited
372. Cardinal Health Norway 315 A/S
373. Cardinal Health P.R. 227, Inc.
374. Cardinal Health P.R. 409 B.V.
375. Cardinal Health PTS, Inc.
376. Cardinal Health PTS, LLC
377. Cardinal Health S.A. 319 (Proprietary) Limited
378. Cardinal Health Singapore 304
379. Cardinal Health Singapore 423 Pte. Ltd.
380. Cardinal Health Spain 219 S.L.U.
381. Cardinal Health Spain 239 SA
382. Cardinal Health Specialty Pharmacy, LLC
383. Cardinal Health Sweden 220 AB
384. Cardinal Health Sweden 314 AB
385. Cardinal Health Switzerland 221 Sarl
386. Cardinal Health Switzerland 317 Sarl
387. Cardinal Health Trading (Shanghai) Co., Ltd.
388. Cardinal Health U.K. 100 Limited
389. Cardinal Health U.K. 101 Limited
390. Cardinal Health U.K. 102 Limited
391. Cardinal Health U.K. 103 Limited
392. Cardinal Health U.K. 104 Limited
393. Cardinal Health U.K. 105 Limited
394. Cardinal Health U.K. 106 Limited
395. Cardinal Health U.K. 223 Limited
396. Cardinal Health U.K. 232 Limited
397. Cardinal Health U.K. 235 Limited
398. Cardinal Health U.K. 236 Limited
399. Cardinal Health U.K. 240 Limited
400. Cardinal Health U.K. 305 Limited
401. Cardinal Health U.K. 306 Limited
402. Cardinal Health U.K. 433 Limited
403. Cardinal Health U.K. 434 Limited
404. Cardinal Syracuse, Inc.
405. Cardinal.Com Holdings, Inc.
406. Care Fusion Development Private Limited
407. Care Fusion Incorporated
408. CareFusion 202, Inc.
409. CareFusion 203, Inc.
410. CareFusion 205, Inc.
411. CareFusion 206, Inc.
412. CareFusion 207, Inc.
413. CareFusion 209, Inc.
414. CareFusion 210, Inc.
415. CareFusion 211, Inc.
416. CareFusion 212, LLC
417. CareFusion 213, LLC
418. CareFusion 214, LLC
419. CareFusion 2200, Inc.
420. CareFusion 2201, Inc.
421. CareFusion 302, LLC
422. CareFusion 303, Inc.
423. CareFusion 304, LLC
424. CareFusion Australia 200 Pty Ltd.
425. CareFusion Australia 316 Pty Limited
426. CareFusion Australia 500 Pty Ltd
427. CareFusion Belgium 202 BVBA
428. CareFusion Brasil 231 Servico e Comercia de Productos Medicos Ltda
429. CareFusion Corporation
430. CareFusion EIT, LLC
431. CareFusion Iberia 308 S.L.U.
432. CareFusion Italy 237 Srl
433. CareFusion Italy 311 Srl
434. CareFusion Japan 228 K.K.
435. CareFusion Japan 233, Inc.
436. CareFusion Luxembourg 501 Sarl
437. CareFusion Manufacturing Ireland 241 Limited
438. CareFusion Manufacturing, LLC
439. CareFusion Netherlands 214 B.V.
440. CareFusion Netherlands 238 BV
441. CareFusion Netherlands 310 B.V.
442. CareFusion Netherlands 503 B.V.
443. CareFusion New Zealand 217 Limited
444. CareFusion New Zealand 313 Limited
445. CareFusion Resources, LLC
446. CareFusion Singapore 243 Pte. Ltd.
447. CareFusion Solutions, LLC
448. CareFusion U.K. 284 Limited
449. CareFusion U.K. 286 Limited
450. CareFusion U.K. 287 Limited

451. CareFusion U.K. 288 Limited
452. Cascade Development, Inc.
453. CCB, Inc.
454. CDI Investments, Inc.
455. Centralia Pharmacy, Inc.
456. Centricity, LLC
457. Chapman Drug Company
458. Chengdu Baiji Advanced Specialty Pharmacy Company Limited
459. Cheshire Merger Sub, Inc.
460. CMI Net, Inc.
461. College Park Plaza Associates, Inc.
462. Comprehensive Medical Imaging-Anaheim Hills, Inc.
463. Comprehensive Medical Imaging-Apple Valley, Inc.
464. Comprehensive Medical Imaging-Boynton Beach, Inc.
465. Comprehensive Medical Imaging-Downey, Inc.
466. Comprehensive Medical Imaging-Encino, Inc.
467. Comprehensive Medical Imaging-Fort Lauderdale, Inc.
468. Comprehensive Medical Imaging-Fremont, Inc.
469. Comprehensive Medical Imaging-Hesperia, Inc.
470. Comprehensive Medical Imaging-Huntington Beach, Inc.
471. Comprehensive Medical Imaging-Palm Springs, Inc.
472. Comprehensive Medical Imaging-Rancho Cucamonga, Inc.
473. Comprehensive Medical Imaging-Rancho Mirage, Inc.
474. Comprehensive Medical Imaging-Salisbury, Inc.
475. Comprehensive Medical Imaging-Sherman Oaks, Inc.
476. Comprehensive Medical Imaging-Tempe, Inc.
477. Comprehensive Medical Imaging-Van Nuys, Inc.
478. Comprehensive Medical Imaging-Victorville, Inc.
479. Comprehensive Medical Imaging-Westlake Village, Inc.
480. Comprehensive Open MRI-Carmichael, Inc.
481. Comprehensive Open MRI-Folsom, Inc.
482. Comprehensive Open MRI-Fullerton, Inc.
483. Comprehensive Open MRI-Laguna Hills, Inc.
484. Comprehensive Open MRI-Sacramento, Inc.
485. Comprehensive Reimbursement Consultants, Inc.
486. Consumer2patient, LLC
487. CR Medicap, Inc.
488. Curaspan Health Group, Inc.
489. Cytokine Pharmasciences, Inc.
490. Dalian Zhongda Pharmaceutical Company Limited
491. Daniels Pharmaceuticals Limited
492. DC Merger Corp
493. Denver Biomedical, Inc.
494. Desert PET, LLC
495. Dik Drug Company, LLC
496. Dik Medical Supplies, LLC
497. Discor Limited
498. Dismed Inc.
499. Dohmen Distribution Partners Southeast, L.L.C.
500. Dover Communications, LLC
501. Duquoin Pharmacy, Inc.
502. Dutch American Manufacturers (D.A.M.) B.V.
503. East Iowa Pharmacies, Inc.
504. EGIS Holdings, Inc.
505. Eldon Laboratories Limited
506. Ellicott Drug Company
507. EME Medical, Inc.
508. Enturia Canada ULC
509. Enturia de Mexico S. de R.L. de C.V.
510. Enturia Limited
511. Enturican, Inc.
512. EON Media Inc.
513. Eureka Merger Sub, Inc.
514. European Pharmaceuticals Group Ltd.
515. First Choice, Inc. Of Maine
516. Flower Merger Corp.
517. Futuremed Health Care Products Limited Partnership
518. Futuremed Healthcare Products Corporation
519. Futuremed Holdings General Partner Inc.
520. Fuzhou Baiji Pharmacy Company Limited
521. Gala Design, Inc.
522. Gelatin Products International, Inc.
523. Geodax Technology, Inc.
524. Glacier Corporation
525. Grand Avenue Pharmacy, Inc.
526. Graphic Holdings, Inc.
527. Griffin Group Document Management Services, Inc.

528. Guangzhou Baiji Advanced Specialty Pharmaceutical Chain Stores Company Limited
529. Guangzhou Baiji Drug Store Company Limited
530. Guangzhou City Kangwei Information Technology Company Limited
531. Guangzhou Ruixun Pharmaceutical Company Limited
532. Guizhou Yibai Medical Co., Ltd.
533. Hangzhou Baiji Advanced Specialty Drug Store Company Limited
534. Heartland Diagnostic Services, Inc.
535. HLS Advantage, LLC
536. Homecare (North-West) Limited
537. Humiston-Keeling, Inc.
538. IMI Of Boca Raton, Inc.
539. IMI Of Miami, Inc.
540. IMI Of North Miami Beach, Inc.
541. Inland Empire Regional Pet Center, LLC
542. InnerDyne, Inc.
543. Inpharm Nationwide Limited
544. InteCardia-Tennessee East Diagnostic, LLC
545. Intercare Holdings Limited
546. Intercare Investments Limited
547. Intercare Properties Plc
548. Iowa Falls Pharmacy, Inc.
549. IVAC Overseas Holdings LP
550. JakaMed AB AB
551. Jinan Baiji Drug Store Company Limited
552. JRG, Ltd.
553. Kendall Patient Recovery BVBA
554. Kinetic Surgical, LLC
555. Kinray, Inc.
556. Kinray, LLC
557. KPR Italia S.r.l.
558. KPR U.S., Inc.
559. Kunming Baiji Advanced Specialty Pharmacy Company Limited
560. Lake Charles Pharmaceutical Supply Company, LLC
561. Liaoning Longda Pharmaceutical Co., Ltd.
562. Liberty Communications Network, LLC
563. Ludlow Technical Products Corporation
564. Macarthy Group Trustees Limited
565. Macarthys Laboratories Limited
566. Macarthy's Limited
567. Marmac Distributors, Inc.
568. Martindale Pharma GmbH
569. Martindale Pharmaceuticals Limited
570. Medcon S.A.
571. MedEd Resources, LLC
572. Medesta Associates, LLC
573. Medical Concepts Development, Inc.
574. Medical Diagnostic Leasing, Inc
575. Medical Education Systems, LLC
576. Medical Media Communications, LLC
577. Medical Strategies, Inc.
578. MediQual Systems, Inc.
579. Meditrol Automation Systems, Inc.
580. Meditrol, Inc.
581. MedMined, Inc.
582. Mercury Merger Sub, LLC
583. Mesa Merger Corp.
584. MicroGas Limited
585. MicroMedical Deutschland GmbH
586. Microport Healthcare, LLC
587. Midland Pharmacies, Inc
588. Mississippi Medical Supply Cooperative, L.L.C.
589. MRI Equipment Partners, Ltd.
590. Mudhen Merger Corp.
591. Multi-Medica S.A.
592. Multipharm Limited
593. Nanjing Baiji Advanced Specialty Drug Store Company Limited
594. Nanning Baiji Advanced Specialty Pharmacy Company Limited
595. Nationwide Ostomy Supplies Limited
596. Navigator Health, Inc.
597. NaviHealth Holdings, LLC
598. NaviHealth SM Holdings, Inc.
599. NaviHealth, Inc.
600. Nexus Healthcare, Inc.
601. Nitric Bio Therapeudics, Inc.
602. Northern Michigan Supply Alliance, L.L.C.
603. Ohio Valley-Clarksburg, Inc.
604. Oncology Holdings, Inc.
605. Onpointe Medical Communications, LLC
606. Oval (Shanghai) Technologies, Inc.
607. Oval Technologies (H.K.) Pty Limited
608. Owen Healthcare Building, Inc.
609. Pacific Surgical Innovations, Inc.
610. Panther Merger Sub II, Inc.
611. Panther Merger Sub, Inc.
612. Parch, L.L.C.
613. Parch, L.L.C. State File
614. ParMed Pharmaceuticals, LLC
615. PatientScribe Inc.
616. PCI Acquisition I, Inc.
617. PCI Acquisition II, Inc.
618. PCI Services Holdings, Inc.

619. PCI Services III, Inc.
620. PCI/Acquisition III, Inc.
621. PCI/All Pack Holdings, Inc.
622. PCI/Delvco, Inc. State File
623. PCI/Tri-Line (Usa), Inc.
624. Pharmaceutical & Diagnostic Services, LLC
625. Pharmacy Service Corporation
626. Phillipi Holdings, Inc.
627. PHR Staffing, Inc.
628. Post-Acute Care Center For Research, LLC
629. Practicome Solutions, LLC
630. Princeton Diagnostic Isotopes, Inc.
631. Priority Healthcare Services Corporation
632. Procedure-Based Instrument Services, L.L.C.
633. Productos Urologos de Mexico S.A. de C.V.
634. Professional Health-Care Resources, Inc.
635. Pyxis Capital Corporation
636. Pyxis Funding II, LLC
637. Pyxis Funding, LLC
638. R Cubed, Inc.
639. R. P. Scherer Hardcapsule (West)
640. R.P. Scherer Inc.
641. R.P. Scherer Technologies, Inc.
642. Radiopharmacy Of Boise, Inc.
643. Radiopharmacy Of Northern California, Inc.
644. Renlar Systems, Inc.
645. RightCare Solutions, Inc.
646. Royal Merger Sub, Inc.
647. Scela, Inc.
648. Scriptline, Inc.
649. SensorMedics (Deutschland) GmbH
650. SensorMedics Corporation
651. Shanghai Baiwei Drug Store Company Limited
652. Shanghai Cardinal Baiwei Drug Store Co., Ltd.
653. Shanghai Jinyi Health Management Consultation Co., Ltd.
654. Shanghai Luoda Pharmaceutical Company Limited
655. Shenzhen Zhengdan Investment Company Limited
656. Simolo (GL) Limited
657. Sistemas Medicos ALARIS S.A. de C.V.
658. Snowden Pencer Holdings, Inc.
659. Snowden Pencer, Inc.
660. Solomons Company
661. Source Medical Corporation
662. SRX, Inc.
663. Strategic Implications International, LLC
664. Supplyline Technologies Limited
665. Surgical Carepair, L.L.C.
666. Surgical Instrument Repair Service, L.L.C.
667. Syncor Belgium SPRL
668. Syncor Diagnostics Bakersfield, LLC
669. Syncor Diagnostics Dallas, LLC
670. Syncor Diagnostics Encino, LLC
671. Syncor Diagnostics Fullerton, LLC
672. Syncor Diagnostics Laguna Hills, LLC
673. Syncor Diagnostics Plano, LLC
674. Syncor Diagnostics Sacramento, LLC
675. Syncor Financing Corporation
676. Syncor Italy srl
677. The Enright Group, Inc.
678. The Heron Corporation
679. The LVC Corporation
680. Tianjin Cardinal Pharmacy Co., Ltd.
681. Toledo Pharmacy Company
682. Tropic Merger Sub, Inc.
683. UroMed, Inc.
684. VIASYS Healthcare Ireland Limited
685. VIASYS Healthcare Island EHF
686. VIASYS Healthcare S.A.R.L.
687. VIASYS Holdings Inc.
688. VIASYS NeuroCare France SAS
689. VIASYS Polymer Products LLC
690. Virginia Imaging Center, LLC
691. Virginia Merger Corporation
692. Vistant Corporation
693. Vistant Holdings, Inc.
694. Vubiq Inc.
695. Wenzhou Xinte Pharmaceutical Co., Ltd.
696. West Hudson, Inc.
697. West Texas Nuclear Pharmacy Partners
698. Wholesale (PI) Limited
699. Williams Drug Distributors, Inc.
700. Wolf Merger Corp.
701. Wrangler Acquisition Sub, Inc.
702. Wuhan Baiji New & Special Drug Store Company Limited
703. Xiamen Cardinal Baiwei Drug Store Co., Ltd.
704. Xi'an Baiji Advanced Specialty Pharmacy Company Limited
705. Yorkshire Pharmacy, Inc.

McKesson

1. "Aewige" ärztliche Wirtschaftsgesellschaft m.b.H., HG Wien
2. "die apoteeke in teesdorf" Mag. pharm. Gerda Kohlhauser KG, LG Wiener Neustadt
3. "Esplanade-Apotheke" Mag. pharm. Anna-Maria Köck KG, Landesgericht Wels
4. "Panther Apotheke" Mag. pharm. Sandra Krokos KG, Landesgericht Graz
5. 10101 Woodloch Forest LLC
6. 2012 DREAM LIMITED, England
7. 28CVR LIMITED, England
8. 3068312 Nova Scotia ULC
9. 3069163 Nova Scotia Limited
10. 3069164 Nova Scotia Limited
11. 30MC LIMITED, England
12. 701985 N.B. INC.
13. A C FERGUSON (CHEMIST) LIMITED, England
14. A. SUTHRELL (HAULAGE) LIMITED, England
15. A.F.M. Bergamo S.p.A., Italy
16. A.L.I. Holdings LLC
17. A.L.I. Imaging Systems Corp.
18. A.L.I. Technologies (International) LLC
19. AAH BUILDERS SUPPLIES LIMITED, England
20. AAH FURB PENSION TRUSTEE LIMITED, England
21. AAH Glass & Windows Limited, England
22. AAH Ireland, Dublin
23. AAH LIMITED, England
24. AAH Lloyds Insurance (IoM) Limited, Isle Of Man
25. AAH LLOYDS PENSION TRUSTEES LIMITED, England
26. AAH NOMINEES LIMITED, England
27. AAH ONE LIMITED, Scotland
28. AAH PHARMACEUTICALS LIMITED, England
29. AAH TWENTY FOUR LIMITED, Scotland
30. AAH TWENTY LIMITED, England
31. AAH TWENTY SIX LIMITED, England
32. ABG Apotheken-Beratungsgesellschaft mbH, Stuttgart
33. Access Health NZ Limited
34. AccessMed Holdings, Inc.
35. AccessMed, Inc. (AccessMed, LLC)
36. AccessMed, LLC
37. ACME DRUG CO. LIMITED, Scotland
38. ADDED MARKETING LIMITED, England
39. Adler Apotheke Krems Mag. Gabriele Denk KG, LG Krems an der Donau
40. Adler-Apotheke Mag.pharm. Ingrid Chvatal KG, LG Leoben
41. Admenta Beteiligungs GmbH, HG Wien
42. Admenta Denmark ApS, Copenhagen
43. Admenta Deutschland GmbH, Stuttgart
44. ADMENTA HOLDINGS LIMITED, England
45. ADMENTA ITALIA S.P.A., CCIAA di Bologna
46. ADMENTA PENSION TRUSTEES LIMITED, England
47. Admenta Sweden AB
48. ADMENTA UK LIMITED, England
49. Admenta Verwaltungs GmbH, HG Wien
50. AFM S.p.A., CCIAA di Bologna
51. AHLP PHARMACY LIMITED, England
52. ALCHEM (SOUTHERN) LIMITED, England
53. ALPE-ADRIA PHARMA farmacevtsko podjetje d.o.o., Ljubljana
54. Alphar Ayeneux, Belgium
55. Alphar Gilly DL, Belgium
56. Alphar Monceau sur Sambre, Belgium
57. Alphar Partners SA, Belgium
58. Alte Löwen-Apotheke Mag. pharm. Kristina Taubald KG, HG Wien
59. Alte Spora Apotheke Mag.pharm. Stephan Öhlzelt KG, LG St. Pölten
60. Amethyst Acquisition Corp.
61. Ancavion GmbH, AG Darmstadt
62. Ancillary Management Solutions, Inc.
63. Anton-Bruckner-Apotheke Mag.pharm. Christian Schwarzenbrunner KG, LG Linz
64. AOR Holding Company of Indiana, Inc. (AOR Holding Company of Indiana, LLC)
65. AOR Holding Company of Indiana, LLC
66. AOR Management Company of Alabama, Inc.
67. AOR Management Company of Arizona, Inc. (AOR Management Company of Arizona, LLC)

68. AOR Management Company of Arizona, LLC
69. AOR Management Company of Central Florida, Inc.
70. AOR Management Company of Florida, Inc.
71. AOR Management Company of Indiana, Inc. (AOR Management Company of Indiana, LLC)
72. AOR Management Company of Indiana, LLC
73. AOR Management Company of Kansas, Inc.
74. AOR Management Company of Missouri, Inc. (AOR Management Company of Missouri, LLC)
75. AOR Management Company of Missouri, LLC
76. AOR Management Company of Nevada, Inc.
77. AOR Management Company of New York, Inc.
78. AOR Management Company of North Carolina, Inc.
79. AOR Management Company of Ohio, Inc.
80. AOR Management Company of Oklahoma, Inc. (AOR Management Company of Oklahoma, LLC)
81. AOR Management Company of Oklahoma, LLC
82. AOR Management Company of Oregon, Inc.
83. AOR Management Company of Pennsylvania, Inc. (AOR Management Company of Pennsylvania, LLC)
84. AOR Management Company of Pennsylvania, LLC
85. AOR Management Company of South Carolina, Inc.
86. AOR Management Company of Texas, Inc.
87. AOR Management Company of Virginia, Inc. (AOR Management Company of Virginia, LLC)
88. AOR Management Company of Virginia, LLC
89. AOR of Indiana Management Partnership
90. AOR of Texas Management Limited Partnership
91. AOR of Texas Management, LLC
92. AOR Real Estate, Inc. (AOR Real Estate, LLC)
93. AOR Real Estate, LLC
94. AOR Synthetic Real Estate, Inc. (AOR Synthetic Real Estate, LLC)
95. AOR Synthetic Real Estate, LLC
96. AORIP, Inc.
97. AORT Holding Company, Inc. (AORT Holding Company, LLC)
98. AORT Holding Company, LLC
99. AORT LP, LLC
100. Aporana AS
101. Apotheke "Zum Bergmann" Mag.pharm. Sabine Tuttner KG, LG Leoben
102. Apotheke "Zur heiligen Dreifaltigkeit" Mag. pharm. Edith Schuller-Grundnig KG, Landesgericht Korneuburg
103. Apotheke "Zur Mutter Gottes" Mag. pharm. Karin Nozicka KG, HG Wien
104. Apotheke Atzgersdorf Mr. Hermann Latzin KG, Wien
105. Apotheke im Messepark Mag. pharm. Dietmar Purin KG, LG Feldkirch
106. Apotheke Niklasdorf Mag. pharm. Matthias Schöggl KG, LG Leoben
107. APOTHEKE U1 TROSTSTRASSE, Mag. pharm. Max Wellan KG, HG Wien
108. Apotheke Zum heiligen Antonius Mag. pharm. Walter Staschek KG, LG Wiener Neustadt
109. Apotheke zum heiligen Schutzengel Mag.pharm. Barbara Penz-Arzberger KG, Landesgericht Graz
110. Apotheke zum Patriarchen Mag. pharm. Brigitte Kölbl KG, HG Wien
111. Apotheke Zur hl. Dreifaltigkeit Mag. pharm. Doris Richter KG, LG Wiener Neustadt
112. Apotheke Zur Hütte Mag. pharm. Mrak KG, LG Leoben
113. Apovest AS
114. Apovest Drift AS
115. Art Acquisition Subsidiary, Inc.
116. Ascalon International, Inc.
117. ATLAS Travel Clinic Limited, England
118. Attentus Medical Sales, Incorporated (Attentus Medical Sales, LLC)
119. Attentus Medical Sales, LLC
120. Awarix, Inc.
121. Axis Medical Management, Inc.

122. AYRSHIRE PHARMACEUTICALS LIMITED, Scotland
123. AZIENDA FARMACEUTICA MUNICIPALE di Cremona S.p.A., CCIAA di Cremona
124. Azienda Farmacie Milanesi S.p.A., CCIAA di Milano
125. Babbingore Limited, Dublin
126. BAILLIESTON HEALTH CENTRE PHARMACY LIMITED, Scotland
127. Ballycane Pharmacy Limited, Ireland
128. BANNISTER & THATCHER LIMITED, England
129. BARCLAY PHARMACEUTICALS (ATHERSTONE) LIMITED, England
130. BARCLAY PHARMACEUTICALS LIMITED, England
131. BARLEY CHEMISTS HOLDINGS LIMITED, England
132. BARRY SHOOTER (ROMFORD) LIMITED, England
133. BDI Pharma, Inc. (BDI Pharma, LLC)
134. BDI Pharma, LLC
135. Beausejour Drugs Limited
136. BEAUTY CARE DRUGSTORES LIMITED, England
137. Beldere Corporation
138. BeneVi Health LLC (Biologics, Inc.)
139. BENU Apotheken B.V., Chamber of commerce Amsterdam
140. BENU Nederland BV, Kamer van Koophandel Amsterdam
141. BERKSHIRE MEDICAL SUPPLIES LIMITED, England
142. BETTERLIFEHEALTHCARE LIMITED, England
143. BIG PHARMA LIMITED, Scotland
144. Biologics, Inc.
145. Blackhall Pharmaceutical Distributors Limited
146. Blackhawk Development LLC
147. Blackstaff Pharmaceuticals Limited, England
148. Blomsterdalen Apotek AS
149. Blue Medical Supply, Inc. (McKesson Medical-Surgical Inc.)
150. Boad Seven, Inc.
151. BOFH Holdings Unlimited Company, Ireland
152. Bottomline Medical Solutions, LLC (Linear Holdings, LLC)
153. Breamor Pharmacy Limited, Ireland
154. Brevard Radiation Oncology, LLC
155. Brickyard Acquisition Inc. (Biologics, Inc.)
156. BRIDPORT MEDICAL CENTRE SERVICES LIMITED, England
157. Brocacef Groep N.V., Maarssen
158. Brockton Radiation Oncology, LLC
159. Brooklyn Radiation Oncology, LLC
160. Brukar Enterprises, Inc.
161. Bullet Acquisition Corporation
162. CAHILL MAY ROBERTS GROUP LIMITED, Dublin
163. California Golden State Finance Company
164. Camic Pharmacies Limited, Ireland
165. Canada Distribution Holdings Limited Partnership
166. Canada Retail Holdings Limited Partnership Societe en Commandite Gestion Detail Canada
167. Cancer Treatment Associates of Northeast Missouri, Ltd.
168. CARONET TRADING LIMITED, England
169. Carrollton Radiation Therapy Center, LLC
170. Cascade Medical Supply, Inc. (McKesson Medical-Surgical Minnesota Supply Inc.)
171. Cavalier Acquisition Company LLC
172. CCCN NW Building JV, LLC
173. Celesio Business Services Ltd., Ireland
174. CENTRALE D`ADMINISTRATION DE BIENS IMMOBILIERS, Bobigny
175. CGSF Funding Corporation (CGSF Funding LLC)
176. CGSF Funding LLC
177. Chem Labs Limited, Dublin
178. CHNG Newco LLC
179. CHNG NewSub Inc.
180. City Properties, S.A.
181. Civiche Farmacie Desio S.p.A., Italy
182. Claimone, LLC (Linear Holdings, LLC)
183. ClaimSecure Inc. (SUCCESSOR)
184. CLARK CARE GROUP LIMITED, England
185. CLARK MUNRO LIMITED, Scotland
186. ClarusONE Sourcing Services LLP
187. Clinicians Database, L.L.C.
188. CMR Holdings Ltd, Dublin
189. Coleham, Dublin
190. Colorado Cancer Centers, LLC
191. Combined Enterprises Corporation

192. COMPANY CHEMISTS ASSOCIATION LIMITED, England
193. COMPTOIR MONEGASQUE DE BIOCHIMIE, Monaco
194. COMPTOIR PHARMACEUTIQUE MEDITERRANEEN, Monaco
195. CONSORZIO SERVIZI SALUTARI S.C.A. R.L., Italy
196. CookCo, Inc.
197. Cophana SA, Belgium
198. Corporation Groupe Pharmessor/Pharmessor Group Corporation (SUCCESSOR 10/01/2017)
199. Corporation of America
200. CoverMyMeds LLC
201. CoverMYMeds Specialty Pharmacy Holdings LLC
202. CoverMYMeds Specialty Pharmacy LLC
203. CPG Industries, Inc.
204. Crocker Plaza Company (Crocker Plaza LLC)
205. Crocker Plaza LLC
206. CROSS AND HERBERT (DEVON) LIMITED, England
207. CROSS AND HERBERT (HOLDINGS) LIMITED, England
208. CROSS AND HERBERT LIMITED, England
209. Crowley`s Blackrock Limited, Dublin
210. Cypress Import Brokerage LLC
211. Cypress Medical Products LLC
212. D & K Healthcare Resources LLC
213. D & K Healthcare Resources, Inc. (D & K Healthcare Resources LLC)
214. D & K Pharmacy Solutions, Inc.
215. D & K Receivables Corporation
216. D.F. O'Neill (Chemists) Ltd, Dublin
217. Dale Apotek AS
218. Danubia-Apotheke Mag. pharm. Barbara Sedelies KG, HG Wien
219. Dargle Pharmacies Holdings Limited, Ireland
220. DATACARE Datenpflege des Pharmagroßhandels Ges.m.b.H., HG Wien
221. DATAPHARM, Paris
222. Daytona Beach Radiation Oncology, LLC
223. DC Land Company
224. DCAZ Land Company
225. Delta Clinical Research, LLC
226. DEPOTRADE, Bobigny
227. Derm Vantage, LLC
228. Diana-Apotheke Dr. et Mag. pharm. Michaela Stipsits KG, LG Eisenstadt
229. Die Apotheke Ebenfurth, Mag.pharm. Beate Haage-Löwe KG, LG Wiener Neustadt
230. Dispensing Solutions Acquisition Corporation (DS Holdings, Inc.)
231. Dispensing Solutions, Inc. (Dispensing Solutions, LLC)
232. Dispensing Solutions, LLC (DS Holdings, Inc.)
233. Ditt Apotek Amfi Os AS
234. Ditt Apotek Rodberg AS
235. Ditt Apotek Sorumsand AS
236. Diversified Healthcare, LLC
237. Dix Bulles Pharma, Belgium
238. DLI Market Intelligence ApS, Denmark
239. DOL Pharmacy Limited, Ireland
240. Donnybrook Pharmacy Limited, Ireland
241. Downtown Los Angeles Radiation Oncology, LLC
242. DS Holdings, Inc. (DS Holdings, LLC)
243. DS Holdings, LLC (McKesson Medical-Surgical Top Holdings Inc.)
244. DSRX, Inc. (DS Holdings, Inc.)
245. Dublin 2016 Acquisition, LLC
246. Dublin Holdings Acquisitions, LLC (Vantage Oncology Holdings, LLC)
247. Dublin POS I Acquisition Corp. (POS I Corp.)
248. East Indy CC, LLC
249. ECLIPSE HEALTHCARE LIMITED, England
250. Edwards Medical Supply, Inc.
251. EM Acquisition Corporation
252. Emploi AS
253. Engel-Apotheke Mag. pharm. Susanne Zauner KG, LG Wiener Neustadt
254. Ephrata Diamond Spring Water Co.
255. ESCON (ST NEOTS) LIMITED, England
256. Espafarmed S.L., Belgium
257. EUROSANTE (Société en liquidation), Luxembourg
258. Evesland Limited, Dublin
259. EVOLUTION HOMECARE SERVICES LIMITED, England
260. EXPERT HEALTH LIMITED, England
261. Family Pharmacy @ Las Colinas LLC
262. Fana Apotek AS
263. FAR.CO.SAN S.p.A., CCIAA di Arezzo
264. FARILLON LIMITED, England

265. Farmacia Garbatella I S.r.l., Italy
266. Farmacie Comunali di Modena S.p.A., Italy
267. Farmacie Comunali di Padova S.p.A., Italy
268. Farmacie di Sassuolo S.p.A., Italy
269. Farmacie Pratesi Pratofarma S.p.A., CCIAA di Prato
270. FARMALVARION S.R.L. SOCIO UNICO, Italy
271. FASTPRO International, Inc.
272. Federal Medical Supplies, Inc. (McKesson Medical-Surgical Minnesota Supply Inc.)
273. Felview Limited, Dublin
274. First Aid Service, Inc.
275. First Choice Medical Supply Holding, Inc. (First Choice Medical Supply Holding, LLC)
276. First Choice Medical Supply Holding, LLC
277. First Choice Medical Supply, LLC
278. FIRTH & PILLING LIMITED, England
279. Flex-Master Technology Holdings, Inc.
280. Floriani-Apotheke Mag.pharm. Doris Leykauf KG, LG Graz
281. Foremost de Venezuela, S.A. (Forvensa)
282. Foremost Homes Hawaii, Ltd.
283. Foremost Iran Corporation
284. Foremost Shir, Inc.
285. Foremost Tehran, Inc.
286. FOSTER & PLUMPTON GROUP LIMITED, England
287. FOSTER & PLUMPTON LIMITED, England
288. Foundation For Opioid Response Efforts
289. G J MALEY LIMITED, Isle Of Man
290. G K CHEMISTS (GLOS) LIMITED, England
291. G K CHEMISTS LIMITED, England
292. GEHE Immobilien GmbH & Co. KG, Stuttgart
293. GEHE Immobilien Verwaltungs-GmbH, Stuttgart
294. GEHE Pharma Handel GmbH, Stuttgart
295. General Medical Inc.
296. GEORGE STAPLES (STOKE) LIMITED, England
297. Gerard Ryan Pharmacy (Clonmel) Limited, Dublin
298. GERSTHOFER-APOTHEKE Mag.pharm. Elisabeth Reisegger KG, HG Wien
299. Giardina Enterprises, Inc.
300. Glendale Radiation Oncology, LLC (Vantage Oncology Treatment Centers, LLC)
301. Golden State Company, Ltd.
302. Golden State Corporate Services LLC
303. Golden State Insurance Company Limited
304. Golden State Milk Products Company
305. Goodman Manufacturing Company
306. Gorrys Pharmacy Limited, Ireland
307. Goviltown Limited, Westmeath
308. GPL 2007 LIMITED, England
309. GRAEME PHARMACY (STIRLING) LIMITED, Scotland
310. GREENS PHARMACEUTICAL (HOLDINGS) LIMITED, England
311. Greenville Radiation Care, Inc.
312. Greystones Pharmacy Limited, Dublin
313. GROUPE PHR, France
314. Gulf South Medical Supply, Inc. (Gulf South Medical Supply, LLC)
315. Gulf South Medical Supply, LLC
316. Gwinnett Radiation Oncology, LLC
317. H THATCHER LIMITED, England
318. Haleston Enterprises Limited, Dublin
319. HBO & Company (VI), Inc.
320. HBO & Company of Georgia
321. HBOC Ventures, Inc.
322. HC Beteiligungsgesellschaft mbH, HG Wien
323. HDSC Acquisition Corp.
324. Health Data Sciences Corporation
325. Health Mart Atlas, LLC
326. Health Mart Systems, Inc.
327. HEALTH NEEDS LIMITED, England
328. HEALTHCLASS LIMITED, England
329. Heinz Management Co.
330. Helmard Holdings Limited, Dublin
331. HEP HealthQx Holdings, Inc. (McKesson Technologies Inc.)
332. Herba Chemosan Apotheker-AG, HG Wien
333. HERBERT FERRYMAN LIMITED, England
334. Hercules Parent LLC
335. Herz - Jesu Apotheke Mag. pharm. Marianne Keller KG, HG Wien

336. Herz Jesu Apotheke & Parfümerie Mag. pharm. Ingrid Heller KG, LG Feldkirch
337. HF Land Company
338. HFN of Northwest Florida, Inc.
339. HIGGINS & SON (CHEMISTS) LIMITED, England
340. HILL-SMITH (WARRINGTON) LIMITED, England
341. HisComp Co., Zee Medical Service Co.
342. HMS Acquisition Corp.
343. HOLLYFAR - Marcas e Comunicação, Unipessoal, Lda., Portugal
344. HOLMSCROFT HC LIMITED, Scotland
345. HOLON, S.A., Portugal
346. Honeybee Bridge LLC
347. HTP Inc. (HTP LLC)
348. HTP LLC
349. Hubertus-Apotheke Mag.pharm. E. Klettenhofer KG, HG Wien
350. HUSKY AQUISITION INC.
351. Hygeia Bottled Water, Inc.
352. HYWEL DAVIES (CAERPHILLY) LIMITED, England
353. IHA Corp.
354. Imagine Health, Inc.
355. INDEPENDENT PHARMACY CARE CENTRES (2008) LIMITED, England
356. Indian River Radiation Oncology, LLC
357. Infolab, LLC
358. Innovent Oncology, LLC
359. INSPIRON DISTRIBUTION LIMITED, England
360. Integrated Cancer Care, LLC
361. Integrated Pathology Services
362. IntelliClaim, Inc.
363. Inten GmbH, Stuttgart
364. Intercal, Inc.
365. International Dairy Engineering Co. of Asia, Inc.
366. InterQual Inc.
367. intraFUSION GP, LLC
368. Intrafusion Holding Corp.
369. intraFUSION Purchasing Network, LLC
370. intraFUSION Research Network, LLC
371. Inviva, McKesson Pharma Care Network Corporation / La Corporation Inviva, Reseau de soins pharmacologiques McKesson (SUCCESSOR)
372. Iowa Pharmaceutical Services, LLC
373. IPCC LIMITED, England
374. IPD Holdings, Inc.
375. J S DENT LIMITED, England
376. Bradbury (Surgical) Limited, Northern Ireland
377. J.G. Crowley Pharmacy Limited, Dublin
378. JACS, Inc.
379. Jaron, Inc.
380. Jeffersonville Radiation Technology, LLC
381. Jessheim Apotek AS
382. Jewett Drug Co.
383. Jewett Drug LLC
384. Johannes Apotheke Mag. pharm. Deutsch KG, LG Graz
385. JOHN BELL & CROYDEN LIMITED, England
386. JOHN HAMILTON (PHARMACEUTICALS) LIMITED, Scotland
387. Jupiter Acquisition Ltd.
388. Kairnbury, Dublin
389. Kathleen Properties Subdivision Association, Inc.
390. Keling Limited
391. Keltman Pharmaceuticals, Inc. (Linear Holdings, LLC)
392. Kemofarmacija, veletrgovina za oskrbo zdravstva, d.d., Ljubljana
393. Keystone/Ozone Pure Water Company
394. Kilshallow Limited, Dublin
395. KINGSWOOD CHEMISTS LIMITED, England
396. KINGSWOOD GK LIMITED, England
397. Kitco, Inc.
398. Knowledgeable Healthcare Solutions, Inc.
399. Kreuz-Apotheke KG, HG Wien
400. KWS & P, Inc
401. KWS & P/SFA, Inc.
402. KYLE & CARRICK HOLDINGS LIMITED, Scotland
403. Laboratoria Flandria NV, Belgium
404. Laboratory Supply Company
405. Labsco Holdings, Inc. (McKesson Medical-Surgical Inc.)
406. Leesburg Radiation Oncology, LLC
407. LEVELCROWN LIMITED, England
408. Liberty Real Estate NJ LLC
409. Lind-Apotheke Mag. pharm. Alexander Telesko KG, LG Klagenfurt
410. Linear Holdings, Inc. (McKesson Medical-Surgical Top Holdings Inc.)
411. Linear Holdings, LLC (Linear Holdings, Inc.)

412. Linear Medical Solutions, LLC
413. LINFORD PHARMACIES LIMITED, England
414. LISEAPOTEKENE AS
415. Lissone Farmacie S.p.A., CCIAA di Monza e Brianza
416. LIVINGSTON HEALTH CENTRE (P.D) CO. LIMITED, Scotland
417. LKW, Inc.
418. LLOYDS CHEMISTS LIMITED, England
419. LLOYDS CHEMISTS RETAIL (NORTHERN) LIMITED, England
420. LLOYDS CHEMISTS RETAIL LIMITED, England
421. LLOYDS GROUP PROPERTIES LIMITED, England
422. Lloyds Pharmacy Clinical Homecare Limited, England
423. LLOYDS PHARMACY LIMITED, England
424. LLOYDS PROPERTIES LIMITED, England
425. LLOYDS Property Management Company Belgium S.A., Belgium
426. LLOYDS RETAIL CHEMISTS LIMITED, England
427. Lloyds Retail S.r.l., Socio Unico, Italy
428. LLOYDSFARMACIA ROMA 4 S.R.L., Italy
429. Lloydspharma Group S.A., Belgium
430. Lloydspharma S.A., Belgium
431. Lloydspharmacy Ireland Limited, Dublin
432. Lory Apotheke Mag. pharm. Karin Eichinger KG, HG Wien
433. LP Clinical Homecare Group Limited, England
434. LPL ONE LIMITED, England
435. M H GILL LIMITED, England
436. M PAYNE & CO LIMITED, England
437. Macfor International Finance Company
438. MACON Acquisition Corp.
439. Macro Helix LLC
440. Madison Acquisition Inc.
441. Marathon Acquisition Subsidiary, Inc.
442. Mariahilf-Apotheke Mag. pharm. Christoph Rücklinger KG, LG St. Pölten
443. Mariahilf-Apotheke Mag. pharm. Helga Mann KG, Landesgericht Graz
444. Marien-Apotheke Mag. pharm. Thomas Job KG, LG Eisenstadt
445. Marien-Apotheke, Mag.pharm. Eva Grabner KG, Landesgericht Korneuburg
446. Maryland First Aid Co., Inc.
447. MASTA Limited, England
448. Masters Drug Company, Inc.
449. MATIS Immobilien OHG, Stuttgart
450. Maurice F. Dougan Limited, Dublin
451. May Roberts Ltd, Dublin
452. MCK Acquisition Corp.
453. McK International Financial Holdings (Barbados) SRL
454. McKesson (Cayman Islands) Inc.
455. McKesson (Shanghai) Trading Company Limited
456. McKesson + Strategic Solutions ULC / Solutions Strategiques McKesson + ULC
457. McKesson Automation Systems Inc.
458. McKesson Belgium Holdings SPRL, Belgium
459. McKesson Canada Corporation/La Corporation McKesson Canada (SUCCESSOR)
460. McKesson Canada Finance IA ULC
461. McKesson Canada Finance IB ULC
462. McKesson Capital Funding Corp.
463. McKesson Capital Funding Corporation
464. McKesson Capital LLC
465. McKesson Central Fill LLC (McKesson Distribution Holdings LLC)
466. McKesson Contract Research Organization LLC
467. McKesson Cork Business Solutions Unlimited Company
468. McKesson Corporate Properties, Inc.
469. McKesson Corporation
470. McKesson Development Corp.
471. McKesson Distribution Holdings LLC
472. McKesson Drug Company LLC
473. McKesson Europe AG
474. McKesson Europe Holdings GmbH & Co. KGaA
475. McKesson Europe Holdings Verwaltungs GmbH
476. McKesson Financial Holdings II Unlimited Company
477. McKesson Financial Holdings Unlimited Company
478. McKesson Financing Trust III
479. McKesson Financing Trust IV
480. McKesson Foundation Inc.

481. McKESSON FRANCE HOLDINGS, Bobigny
482. McKesson France Retail, Bobigny B
483. McKesson Funding Company of Canada
484. McKesson Global Procurement & Sourcing Limited
485. McKesson Global Sourcing Limited
486. McKesson Global Sourcing Limited [Irish Branch]
487. McKesson Health Solutions Holdings LLC
488. McKesson Health Solutions LLC
489. McKesson Health Solutions Puerto Rico Inc.
490. McKesson Health Solutions Texas Inc.
491. McKesson High Volume Solutions Inc.
492. McKesson Information Solutions Finance S.a.r.l.
493. McKesson Information Solutions Holdings II S.a.r.l.
494. McKesson Information Solutions Holdings III S.a.r.l.
495. McKesson Information Solutions Holdings IV S.a.r.l.
496. McKesson Information Solutions Holdings V S.a.r.l.
497. McKesson Information Solutions III LLC
498. McKesson Information Solutions Inc. (McKesson Information Solutions LLC)
499. McKesson Information Solutions IV LLC
500. McKesson Information Solutions LLC
501. McKesson Information Solutions Topholdings S.a.r.l.
502. McKesson Information Solutions UK Limited
503. McKesson International Bermuda IP2A Limited
504. McKesson International Bermuda IP2B Unlimited
505. McKesson International Bermuda IP3A Limited
506. McKesson International Bermuda IP3B Unlimited (McKesson International Bermuda IP3A Limited)
507. McKesson International Bermuda IP4A Limited
508. McKesson International Bermuda IP4B Unlimited (McKesson International Bermuda IP4A Limited)
509. McKesson International Bermuda IP5A Limited
510. McKesson International Bermuda IP5B Unlimited (McKesson International Bermuda IP5A Limited)
511. McKesson International Bermuda Opco1A Limited
512. McKesson International Bermuda Opco1B Unlimited (McKesson International Bermuda Opco1A Limited)
513. McKesson International Bermuda Opco3A Limited
514. McKesson International Bermuda Opco3B Unlimited (McKesson International Bermuda Opco3A Limited)
515. McKesson International Bermuda Opco4A Limited
516. McKesson International Bermuda Opco4B Unlimited
517. McKesson International Finance III Limited (McKesson US Finance Corporation)
518. McKesson International Finance S.a.r.l.
519. McKesson International Holdings III S.a.r.l.
520. McKesson International Holdings IV S.a.r.l.
521. McKesson International Holdings S.a.r.l.
522. McKesson International Holdings Unlimited Company
523. McKesson International Holdings VI S.a.r.l.
524. McKesson International Holdings VII S.a.r.l.
525. McKesson International Investment Corp.
526. McKesson International Ireland I Limited
527. McKesson International LLC
528. McKesson International Malaysia Sdn Bhd
529. McKesson International S.a.r.l.
530. McKesson International Topholdings S.a.r.l.
531. McKesson Ireland Limited
532. McKesson Logistics Solutions
533. McKesson Medical Imaging Company Ltd. (predecessor)
534. McKesson Medical-Surgical FDT Inc.
535. McKesson Medical-Surgical Government Solutions LLC
536. McKesson Medical-Surgical Holdings Inc.
537. McKesson Medical-Surgical Inc.
538. McKesson Medical-Surgical Iowa Inc.

539. McKesson Medical-Surgical Iowa Supply Inc.
540. McKesson Medical-Surgical Maine Inc.
541. McKesson Medical-Surgical Manufacturing Inc.
542. McKesson Medical-Surgical MediMart Inc.
543. McKesson Medical-Surgical MediNet Inc.
544. McKesson Medical-Surgical Minnesota Inc. (McKesson Medical-Surgical Holdings Inc.)
545. McKesson Medical-Surgical Minnesota Supply Inc.
546. McKesson Medical-Surgical Supply Chain Services LLC
547. McKesson Medical-Surgical Top Holdings Inc.
548. McKesson Medication Management Holdings Inc.
549. McKesson Medication Management Virgin Islands Inc.
550. McKesson Norway Holdings AS
551. McKesson Pharmacy Optimization LLC
552. McKesson Pharmacy Systems Canada ULC
553. McKesson Pharmacy Systems LLC
554. McKesson Plasma and Biologics LLC
555. McKesson Prescription Drug Plan LLC
556. McKesson Property Company, Inc.
557. McKesson Purchasing Company LLC
558. McKesson Services Inc. (McKesson Services LLC)
559. McKesson Services LLC
560. McKesson Sourcing Services Inc.
561. McKesson Specialized Distribution Inc. / McKesson Distribution Specialisee Inc. (Successor)
562. McKesson Specialty Arizona Inc.
563. McKesson Specialty Care Distribution Corporation (McKesson Specialty Care Distribution LLC)
564. McKesson Specialty Care Distribution JV LLC
565. McKesson Specialty Care Distribution LLC
566. McKesson Specialty Corporation
567. McKesson Specialty Distribution LLC
568. McKesson Specialty Health Innovative Practice Services, LLC
569. McKesson Specialty Health Management Services LLC
570. McKesson Specialty Health Pharmaceutical & Biotech Solutions, LLC
571. McKesson Specialty Health Pharmaceutical & Biotech Solutions, LP (McKesson Specialty Health Pharmaceutical & Biotech Solutions, LLC)
572. McKesson Specialty Health Technology Products LLC
573. McKesson Specialty Pharmacy, LP (RxC Acquisition Company)
574. McKesson Specialty Prescription Services (Atlantic) Corporation/Corporation McKesson Services de Prescription Spécialisée (Atlantique)
575. McKesson Specialty Prescription Services (B.C.) Corporation
576. McKesson Specialty Prescription Services Corporation
577. McKesson SPS (Manitoba) Corporation
578. McKesson Strategic Services Limited
579. McKesson Technologies Inc.
580. McKesson Trading Company
581. McKesson Transportation Systems, Inc.
582. McKesson UK Finance I Limited
583. McKesson UK Finance II Limited
584. McKesson UK Finance V Limited
585. McKesson UK Holdings Limited
586. McKesson US Finance Corporation
587. McKesson US Holdings GP
588. McKesson Ventures LLC
589. McKesson Ventures Unlimited Company
590. McQueary Bros. Drug Company
591. McQueary Bros. Drug Company, LLC
592. McSweeney Dispensers 10 Limited, Ireland
593. McSweeney Dispensers 23 Limited, Ireland
594. MDD pharma N.V., Belgium
595. MED3000 Health Solutions Southeast
596. MED3000 RPG
597. Medaid Supply, Inc.
598. Medcon Telemedicine Technology, Inc.
599. Median Healthcare Services Unlimited Company, Ireland
600. Medical & Vaccine Products, Inc.
601. Medical Advisory Services for Travellers Abroad Limited, England
602. Medical Specialties Distributors Holdings, Inc. (MSD Parent Corporation)
603. Medical Specialties Distributors, LLC

604. Medical Specialties Holdings Corp. (Medical Specialties Holdings II Corp.)
605. Medical Specialties Holdings II Corp.
606. Medicentres Canada Inc. (SUCCESSOR)
607. Medicine Shoppe Atlantic Corporation
608. Medicine Shoppe Canada Corporation
609. Medicine Shoppe Canada Real Estate Corporation
610. MEDIMART LIMITED, England
611. MediVation, Inc.
612. MedVentive Inc.
613. MeMed CZ s.r.o., Praha
614. Menges Medizintechnik Schweiz AG, Sankt Gallen
615. Merlin Subsidiary Inc.
616. Merrick Healthcare Limited
617. Metabolic Healthcare Holdings Limited, England
618. Metabolic Healthcare Limited, England
619. Metropolitan Integrated Cancer Center, L.L.C.
620. MH/USON Radiation Management Company, LLC
621. MHD-USO General, LLC
622. MHD-USO Management Company, LP
623. MHS Connecticut LLC
624. Michigan Pharmaceutical Services, LLC
625. Mid-Atlantic Radiation Oncology LLC
626. Millennium Merger Corporation
627. Mohawk Liqueur Corporation
628. Mohren-Apotheke Mag. Christian Müller KG, LG Graz
629. Moore Medical LLC (McKesson Medical-Surgical Government Solutions LLC)
630. Mosaic Acquisition Corporation
631. MOUNT PHARMACY LIMITED, England
632. MSA Products LLC
633. MSD Acquisition Corp. (Medical Specialties Holdings Corp.)
634. MSD Parent Corporation (MSD Acquisition Corp.)
635. Multum Information Services, Inc.
636. MUNRO PHARMACY LIMITED, Scotland
637. MWPC Acquisition Corp.
638. MWPC Acquisition Corp. (PA)
639. My MHealth Limited, England & Wales
640. myhca, inc.
641. NARO, LLC
642. National Oncology Alliance, Inc.
643. Natureline, Dublin
644. NDC of Canada, Inc.
645. NDCHealth Corporation
646. NDCHealth Pharmacy Systems and Services, Inc.
647. Nebraska Pharmaceutical Services, LLC
648. Negatron, Inc.
649. Nensi d.o.o., Ljubljana
650. NERO GP, LLC
651. New Experimental Therapeutics of San Antonio, LLC
652. NEW KIRK PHARMACY LIMITED, Scotland
653. New Mexico Pharmaceutical Services, LLC
654. NewHealthCo, LLC
655. NexCura, LLC (McKesson Specialty Health Technology Products LLC)
656. Nibelungen-Apotheke Mag. pharm. Michaela Wachter KG, LG St. Pölten
657. Norsk Medisinaldepot AS
658. North Carolina Pharmaceutical Services, LLC
659. Northeast Pennsylvania Radiation Oncology, LP
660. Northern Arizona Oncology Centers, LLC
661. Northern Boulevard Radiation Oncology Management, LLC
662. Northern San Fernando Valley Radiation Oncology, LLC
663. Northstar Healthcare Holdings Limited
664. Northstar Healthcare Holdings Unlimited Company
665. Northstar Healthcare Limited
666. Northstar Healthcare Unlimited Company
667. Northstar International Holdings Limited
668. Northstar Rx LLC
669. Norvern Enterprises, Inc.
670. NR Direct, Inc. (McKesson Patient Care Solutions Inc.)
671. O`Leary Pharmacy (Lucan) Limited, Dublin
672. OCP FORMATION, Bobigny
673. OCP PORTUGAL, PRODUTOS FARMACÊUTICOS, S.A., Maia
674. OCP REPARTITION, Bobigny B
675. OCP, Bobigny
676. Oncology Holdings II, Inc.
677. Oncology Holdings, Inc.
678. Oncology Rehab Partners, LLC

679. Oncology Therapeutics Network Corporation
680. Oncology Today, LP
681. OnMark, Inc.
682. Optimed Health Limited, England & Wales
683. Orca Acquisition Corp.
684. Ørebekk Apotek AS
685. Oswald-Apotheke Mag. pharm. Ilse Pedevilla KG, LG Feldkirch
686. OTN Generics, Inc.
687. OTN Participant, Inc.
688. Outpatient Infusion Systems, Inc
689. Øygarden Apotek AS
690. P C Cahill & Company Limited, Dublin
691. P.L.C.E., Inc.
692. Packet Merger Sub Inc.
693. PALEMODA LIMITED, England
694. Palm Merger Sub, Inc.
695. Panther Acquisition Corporation
696. Panther-Apotheke Mag. pharm. Margarete Breyha KG., LG St. Pölten
697. Paracelsus-Apotheke Mag. pharm. Dr. Birgit Müller KG, Austria
698. Pathology Service Associates, LLC
699. Pathway Purchasing Network, LLC
700. Patient Account Management Services, Inc.
701. PAUL WHEELER LIMITED, England
702. PCB SA, Belgium
703. PEEL STREET PHARMACY LIMITED, England
704. peerVue, Inc. (DE)
705. peerVue, Inc. (NH)
706. Pemberton Marketing International Limited
707. Penn-Chem Corporation
708. PERILLA Grundstücks-Verwaltungsgesellschaft mbH & Co. KG, AG München
709. Per-Se Transaction Services, Inc.
710. PF2 McKesson Technologies Inc.
711. PF2 SpinCo Inc.
712. Pharma Belgium Belmedis SA, Belgium
713. PHARMA PARTNERS, Belgium
714. Pharma Services (NI) Limited, Northern Ireland
715. Pharmaceutical Distributors Federation Ireland Company Limited By Guarantee
716. Pharmaceutical Support Services, Inc.
717. Pharmacie Ananga-Talom, Belgium
718. Pharmacie de la Bascule, Belgium
719. PHARMACTIV DISTRIBUTION, Bobigny B
720. Pharmacy O`Riada Holdings Limited, Dublin
721. PHARMAGEN LIMITED, England
722. PHILIP GOODMAN LIMITED, England
723. PHR ANTILLES, FORT DE FRANCE
724. PhyServ Solutions, Inc.
725. Physician Micro Systems, Inc.
726. Physician Oncology Services Management Company, LLC
727. Physician Reliance Holdings, LLC
728. Physician Reliance Maryland, LP
729. Physician Reliance Network, Inc. (Physician Reliance Network, LLC)
730. Physician Reliance Network, LLC
731. Physician Reliance, L.P.
732. Physician Reliance, LLC
733. Physician Sales & Service Limited Partnership
734. Physician Sales & Service, Inc. (McKesson Medical-Surgical Top Holdings Inc.)
735. Pindsle Apotek AS
736. PMLX Limited
737. POC Management Group, LLC (Dispensing Solutions, Inc.)
738. Podiatry Online, Inc.
739. Portico Systems of Delaware, Inc.
740. POS I Corp. (Dublin 2016 Acquisition, LLC)
741. Presbyterian Cancer Center-Dallas, LLC
742. Prescribing Support Services Limited, England & Wales
743. Prima Brands Limited, Northern Ireland
744. PRIMELIGHT LIMITED, England
745. Prismedica S.A.S.
746. PRN Physician Reliance, LLC
747. Pro-AvO GmbH, Deutschland
748. Proclaim, Inc. (McKesson Medical-Surgical MediMart Inc.)
749. PRODILAB, France
750. Providence Radiation Oncology Partners LLC
751. PSS China Sourcing Limited
752. PSS Global Holdings
753. PSS Global Sourcing China Business Trust
754. PSS Global Sourcing Hong Kong Limited

755. PSS Global Sourcing Limited [Hong Kong]
756. PSS HK 1 Limited
757. PSS Holding, Inc. (McKesson Medical-Surgical Inc.)
758. PSS Service, Inc. (McKesson Medical-Surgical Top Holdings Inc.)
759. PSS Southeast Asia Limited
760. PSS World Medical, Inc.
761. PST Products, LLC
762. PST Services, Inc. (PST Products, LLC)
763. Purchasing Alliance for Clinical Therapeutics, LLC
764. R F FOSKETT & SON LIMITED, England
765. R GORDON DRUMMOND LIMITED, England
766. R/X Automation Solutions, LLC
767. Raabtal-Apotheke Mag.pharm. Karin Drawetz KG, Landesgericht Graz
768. Radiation Oncology Services of America, Inc.
769. Radiotherapy Clinic Holdings, LLC
770. Radiotherapy Clinics of Kentuckiana, LLC
771. Radiotherapy Clinics of Kentuckiana-2, LLC
772. Radius Data Solutions, LLC
773. Radius Reimbursement Services, LLC
774. Radunnco, Inc.
775. Rancare, Inc.
776. Randolph Home Care Inc.
777. Randolph Medical Inc.
778. RCOG Cancer Centers, LLC
779. Rebel Distributors Corp. (McKesson Medical-Surgical Top Holdings Inc.)
780. recucare GmbH, Stuttgart
781. recusana GmbH, Stuttgart
782. Regenbogenapotheke "Am Leberberg" Mag. pharm. Andreas Portisch KG, HG Wien
783. RelayHealth Corporation (McKesson Information Solutions LLC)
784. Renoir Acquisition Corporation
785. Renoir Acquisition Corporation (DE)
786. RESEAU SANTE, BREST
787. RetraceHealth, Inc.
788. Rexall Pharmacy Group Ltd.
789. Rexall/Pharma Plus Pharmacies (BC) Ltd.
790. Rexall/Pharma Plus Pharmacies (Sask) Ltd.
791. Rexall/Pharma Plus Pharmacies Ltd.
792. Riel, Inc.
793. Riverside Radiation Oncology, LLC (Vantage Oncology Treatment Centers, LLC)
794. R-jet, Incorporated
795. RMCC Cancer Center, Inc. (RMCC Cancer Center, LLC)
796. RMCC Cancer Center, LLC
797. ROSA of Eastern Shore, LLC
798. ROSA of Georgia, LLC
799. ROSA of South Alabama, LLC
800. ROSA of Southern New Jersey, LLC
801. Roth Medical Services, Inc.
802. RPRS, LLC
803. RX Information Technology LLC
804. RxC Acquisition Company
805. RxCrossroads 3PL LLC
806. Ryle and De Lacy Pharmacies Limited, Ireland
807. S.K.U., Inc.
808. Salus-Apotheke Mag. pharm. Simone Gaigg KG, Salzburg
809. Salvator - Apotheke Mag. pharm. Gertrude Pölzl KG, LG Leoben
810. San Bruno Mountain Ltd., A California Limited Partnership
811. Sandviken Apotek AS
812. Sangers (Northern Ireland) Limited, Northern Ireland
813. SANOVA Pharma GesmbH, HG Wien
814. SAVORY & MOORE (JERSEY) LIMITED, Jersey
815. SAVORY & MOORE LIMITED, Scotland
816. SCHOLES (CHEMISTS) LIMITED, England
817. Schutzengelapotheke Neufeld Mag. Schweifer KG, LG Eisenstadt
818. Scrip Pak, LLC (Linear Holdings, LLC)
819. Script2U Holdings LLC
820. Script2U LLC
821. ScriptHero LLC
822. ScriptHero Pharmacy Holdings LLC
823. ScriptHero Pharmacy LLC
824. Select RX, LLC (Linear Holdings, LLC)
825. SelectPlus Oncology, LLC
826. Sens Arbeidsinkludering AS
827. Sens Eiendom AS
828. Sens Gruppen AS
829. Sens Utvikling AS

830. SERVICE DE LA REPARTITION PHARMACEUTIQUE, Paris
831. SF Valley Derm Equipment I, LLC
832. Sherman Oaks Radiation Oncology, LLC (Vantage Oncology Treatment Centers, LLC)
833. Sherman Oaks Radiation Technology, LLC (Vantage Oncology Treatment Centers, LLC)
834. Shoup Properties, Inc.
835. SHS V Medtech Investments GmbH & Co. KG
836. Simply Medical LLC
837. SIVEM Pharmaceuticals ULC/SIVEM Produits Pharmaceutiques ULC
838. Six R Investments, Inc.
839. SOCIETE COOPERATIVE OUEST PARTAGE, BREST
840. SOCIETE D`ETUDES ET DE REALISATIONS INFORMATIQUES, Monaco
841. Sofarmex BVBA, Belgium
842. Sofiadis SCRL, Belgium
843. Soldier Acquisition Corporation
844. SOPI The Lough Limited, Ireland
845. SOPI Youghal Limited, Ireland
846. SourceTenn LLC
847. South Alabama Cancer Centers, LLC
848. South Bay Radiation Oncology, LLC
849. South Pacific Medical Inc.
850. Southeast Merger Corp.
851. Southeast Texas Cancer Centers, L.P.
852. Southern California Radiation Oncology, LLC
853. Spider Acquisition Corporation
854. Spirit Acquisition Corporation
855. Spring Valley Industries, LLC
856. St. Louis Pharmaceutical Services, LLC
857. St. Lucas-Apotheke Mag.pharm. Ilona Elisabeth Leitner KG, HG Wien
858. St. Markus Apotheke Dr. Elke Kramberger-Kaplan KG, LG Linz
859. St. Richard Apotheke Mag.pharm. Ursula Kohl KG, Landesgericht Korneuburg
860. Stadion-Apotheke Mag. pharm. Ulrike Grosser-Schmidt KG, LG St. Pölten
861. Stadt-Apotheke "Zur heiligen Barbara" Mag. pharm. Igor Mauritsch KG, Austria
862. Stadtapotheke Fürstenfeld Mag. pharm. Waltraud Maier KG, Landesgericht Graz
863. Stat RX USA, LLC (Linear Holdings, LLC)
864. STATIM FINANCE LIMITED, England
865. STEPHEN SMITH LIMITED, Guernsey
866. Sterling Medical Services, LLC (McKesson Patient Care Solutions Inc.)
867. STQ LLC
868. Strategic Health Alliance II, Inc.
869. Strategic Health Alliance Management Corp.
870. Strategic Sourcing Services LLC
871. Streator Radiation Oncology, LLC
872. Stubaital-Apotheke Mag.pharm. Christian Kernstock KG, LG Innsbruck
873. Summa Script LLC
874. Sund Apotek AS
875. SUPERFIELD LIMITED, England
876. Supplylogix LLC
877. T AND I WHITE LIMITED, England
878. T. Sheridan Sales & Marketing, Dublin
879. Tabor Apotheke Mag. pharm. Wolfram Schaden KG, LG Steyr
880. Targa Parent Holdings, LLC
881. TBC Products, Inc.
882. Temperature Controlled Pharmaceuticals Limited
883. Test Corporation changed 2 GM 3 AG
884. Test Entity - Corporation
885. Test Entity - Corporation (Glenette)
886. Test Entity - LLC (Anne)
887. Test Entity - LLC (Glenette)
888. Test Entity - LLC (Karen)
889. Test Entity - LLC (Melissa)
890. Test Entity - LP
891. Test Entity - Manager LLC
892. Test Entity - Member LLC
893. Test Entity - Parent Corporation
894. Texas Pharmaceutical Services, LLC
895. Texas Proton Therapy Center, LLC
896. The Oregon Cancer Centers, Ltd.
897. Theratech, Inc. (McKesson Medical-Surgical Top Holdings Inc.)
898. Thriftymed, Inc. (McKesson Medical-Surgical Top Holdings Inc.)
899. THURNBY ROSE LIMITED, England
900. Titus Home Health Care LLC
901. Tjellesen Max Jenne A/S, Rodovre
902. Todin A/S, Denmark
903. TOPS Pharmacy Services, Inc.
904. Tower Radiation Technology, LLC
905. Tracer Enterprises LLC

906. Tri-State Radiation Oncology Centers, LLC
907. Tuna Acquisition Corp.
908. Tyler Radiation Equipment Leasing, LLC
909. Unicare Dispensers 16 Limited, Ireland
910. Unicare Dispensers 27 Limited, Ireland
911. Unicare Dispensers 5 Limited, Ireland
912. Unicare Pharmacy Group Limited, Dublin
913. United Drug (Wholesale) Limited
914. United Drug Distributors Ireland Limited
915. Unity Oncology, LLC
916. Urbani-Apotheke Mag. pharm. Bernhard Prattes KG, LG Graz
917. US Oncology Corporate, Inc.
918. US Oncology Holdings, Inc.
919. US Oncology Lab Services, LLC
920. US Oncology Pharmaceutical Services, LLC
921. US Oncology Pharmacy GPO, L.P.
922. US Oncology Reimbursement Solutions, LLC
923. US Oncology Research, Inc. (US Oncology Research, LLC)
924. US Oncology Research, LLC
925. US Oncology Specialty, LP
926. US Oncology, Inc.
927. USCITA LIMITED, England
928. USON Insurance Company
929. USON Risk Retention Group, Inc.
930. Utah Acquisition Corporation
931. Valley Equipment Company
932. Vantage Acquisition Company, LLC (Vantage Oncology, LLC)
933. Vantage Acquisition Finance, LLC (Vantage Oncology, LLC)
934. Vantage Cancer Care - Alabama, LLC (Vantage Cancer Care Networks, LLC)
935. Vantage Cancer Care - Indiana, LLC (Vantage Cancer Care Networks, LLC)
936. Vantage Cancer Care - New Mexico, LLC (Vantage Cancer Care Networks, LLC)
937. Vantage Cancer Care Network of Alabama, LLC (Vantage Cancer Care Networks, LLC)
938. Vantage Cancer Care Network of Indiana, LLC (Vantage Cancer Care Networks, LLC)
939. Vantage Cancer Care Network of New Mexico, LLC (Vantage Cancer Care Networks, LLC)
940. Vantage Cancer Care Networks, LLC
941. Vantage Cancer Centers of Georgia, LLC
942. Vantage Central Ohio Radiation Therapy, LLC
943. Vantage Equipment Acquisition, LLC
944. Vantage Exton Radiation Oncology, LLC
945. Vantage Medical Management Services, LLC
946. Vantage Mokena Radiation Oncology, LLC
947. Vantage Oncology - Brooklyn, LLC
948. Vantage Oncology Centers - Beverly Hills, LLC
949. Vantage Oncology Finance Co. (Vantage Oncology, LLC)
950. Vantage Oncology Holdings, LLC
951. Vantage Oncology LLC PAC Corporation
952. Vantage Oncology Physics, LLC
953. Vantage Oncology Treatment Centers - Brevard, LLC
954. Vantage Oncology Treatment Centers - Brockton, LLC
955. Vantage Oncology Treatment Centers - Central Florida, LLC (Vantage Oncology Treatment Centers, LLC)
956. Vantage Oncology Treatment Centers - Northern Arizona, LLC
957. Vantage Oncology Treatment Centers - Ohio, LLC (Vantage Oncology Treatment Centers, LLC)
958. Vantage Oncology Treatment Centers - San Antonio, LLC (Vantage Oncology Treatment Centers, LLC)
959. Vantage Oncology Treatment Centers - Tri-State, LLC
960. Vantage Oncology Treatment Centers, LLC
961. Vantage Oncology, LLC
962. Vantage Operational Support Services, LLC
963. Vantage Radiation Oncology Associates, LLC
964. Vantage San Antonio Radiation Oncology, LLC (Vantage Oncology Treatment Centers - San Antonio, LLC)
965. Vantage South Suburban Radiation Oncology, LLC
966. VC Services, Inc.
967. VEC GP, LLC
968. VerbalCare, LLC
969. Verdal Apotek AS
970. Very Important Products, Inc.

971. Visitacion Associates
972. Vitapharm, proizvodnja in trgovina farmacevtskih izdelkov d.o.o., Murska Sobota
973. Vitusapotek Jessheim Storsenter AS
974. Vitus-Apoteket Torvbyen Fredrikstad AS
975. VOTC-Queens, LLC
976. Vulcan Acquisition Subsidiary, Inc.
977. W H CHANTER LIMITED, England
978. W H GREEN (CHEMISTS) LIMITED, England
979. W JAMIESON (CHEMISTS) LIMITED, England
980. W.H.C.P. (DUNDEE) LIMITED, Scotland
981. Walsh Distribution, L.L.C.
982. Walsh Healthcare Solutions LLC
983. Walsh Healthcare Solutions, Inc.
984. Walsh Heartland, L.L.C.
985. Walsh Southwest L.L.C.
986. Well.ca ULC
987. West Florida Radiation Therapy, LLC
988. West Wholesale Drug Co.
989. WESTCLOSE LIMITED, England
990. Western Tumor Radiation Oncology, LLC (Vantage Oncology Treatment Centers, LLC)
991. Westside LA Derm Equipment I, LLC
992. WFCC Radiation Management Company, LLC
993. Wickham Radiation Oncology, LLC (Vantage Oncology Treatment Centers, LLC)
994. Wiley Industries, LLC
995. Wilkes Barre Radiation Technology, LLC (Vantage Oncology Treatment Centers, LLC)
996. Wilkes-Barre Radiation Oncology, LLC
997. Windmill Realty, LLC
998. WOODSIDE PHARMACY (GLASGOW) LIMITED, Scotland
999. World Medical Government Solutions, LLC
1000. WorldMed Shared Services, Inc.
1001. WZ-WundZentren GmbH, AG Düsseldorf
1002. Ybbstal-Apotheke Mag.pharm. Adelheid Tazreiter KG, LG St. Pölten
1003. Zeepro, Inc.

EXHIBIT K

Subdivision Settlement Participation Form

Governmental Entity:	State:
Authorized Official:	
Address 1:	
Address 2:	
City, State, Zip:	
Phone:	
Email:	

The governmental entity identified above ("*Governmental Entity*"), in order to obtain and in consideration for the benefits provided to the Governmental Entity pursuant to the Settlement Agreement dated July 21, 2021 ("*Distributor Settlement*"), and acting through the undersigned authorized official, hereby elects to participate in the Distributor Settlement, release all Released Claims against all Released Entities, and agrees as follows.

SPECIMEN

1. The Governmental Entity is aware of and has reviewed the Distributor Settlement, understands that all terms in this Participation Form have the meanings defined therein, and agrees that by signing this Participation Form, the Governmental Entity elects to participate in the Distributor Settlement and become a Participating Subdivision as provided therein.

2. The Governmental Entity shall, within 14 days of the Reference Date and prior to the filing of the Consent Judgment, secure the dismissal with prejudice of any Released Claims that it has filed.

3. The Governmental Entity agrees to the terms of the Distributor Settlement pertaining to Subdivisions as defined therein.

4. By agreeing to the terms of the Distributor Settlement and becoming a Releasor, the Governmental Entity is entitled to the benefits provided therein, including, if applicable, monetary payments beginning after the Effective Date.

5. The Governmental Entity agrees to use any monies it receives through the Distributor Settlement solely for the purposes provided therein.

6. The Governmental Entity submits to the jurisdiction of the court in the Governmental Entity's state where the Consent Judgment is filed for purposes limited to that court's role as provided in, and for resolving disputes to the extent provided in, the Distributor Settlement. The Governmental Entity likewise agrees to arbitrate before the National Arbitration Panel as provided in, and for resolving disputes to the extent otherwise provided in, the Distributor Settlement.

7. The Governmental Entity has the right to enforce the Distributor Settlement as provided therein.

8. The Governmental Entity, as a Participating Subdivision, hereby becomes a Releasor for all purposes in the Distributor Settlement, including, but not limited to, all provisions of Part XI, and along with all departments, agencies, divisions, boards, commissions, districts, instrumentalities of any kind and attorneys, and any person in their official capacity elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, and any other entity identified in the definition of Releasor, provides for a release to the fullest extent of its authority. As a Releasor, the Governmental Entity hereby absolutely, unconditionally, and irrevocably covenants not to bring, file, or claim, or to cause, assist or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in any forum whatsoever. The releases provided for in the Distributor Settlement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of the Governmental Entity to release claims. The Distributor Settlement shall be a complete bar to any Released Claim.

9. The Governmental Entity hereby takes on all rights and obligations of a Participating Subdivision as set forth in the Distributor Settlement.

10. In connection with the releases provided for in the Distributor Settlement, each Governmental Entity expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any state or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent.** A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release, and that if known by him or her would have materially affected his or her settlement with the debtor or released party.

A Releasor may hereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Governmental Entity hereby expressly waives and fully, finally, and forever settles, releases and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Governmental Entities' decision to participate in the Distributor Settlement.

SPECIMEN

11. Nothing herein is intended to modify in any way the terms of the Distributor Settlement, to which Governmental Entity hereby agrees. To the extent this Participation Form is interpreted differently from the Distributor Settlement in any respect, the Distributor Settlement controls.

I have all necessary power and authorization to execute this Participation Form on behalf of the Governmental Entity.

Signature: _____

Name: _____

Title: _____

Date: _____

SPECIMEN

EXHIBIT L

Settlement Fund Administrator

This Exhibit L will be appended to the Agreement prior to the Initial Participation Date pursuant to Section I.MMM.

EXHIBIT M

Settlement Payment Schedule

The below reflects the maximum payment if all States become Settling States and no offsets or reductions pursuant to this Agreement apply.

The text of this Agreement explains the terms, conditions, and underlying calculations for each of these Payments.

	Payment 1	Payment 2	Payment 3	Payment 4	Payment 5	Payment 6	Payment 7	Payment 8	Payment 9	Payment 10	Payment 11	Payment 12	Payment 13	Payment 14	Payment 15	Payment 16	Payment 17	Payment 18	Total	
Resitution/Abatement	$792,612,857.89	$832,997,473.28	$832,997,473.28	$1,042,614,337.16	$1,042,614,337.15	$1,042,614,337.15	$1,042,614,337.15	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$18,554,013,691.11	
Base	$458,881,128.25	$482,261,695.06	$482,261,695.06	$603,618,826.78	$603,618,826.77	$562,304,221.38	$562,304,221.38	$668,613,860.15	$668,613,860.15	$668,613,860.15	$555,451,916.87	$555,451,916.87	$555,451,916.87	$555,451,916.87	$555,451,916.87	$555,451,916.87	$555,451,916.87	$555,451,916.87	*$10,204,707,530.09*	
Bonus A	*$333,731,729.64*	*$350,735,778.22*	*$350,735,778.22*	*$438,995,510.38*	*$438,995,510.38*	*$408,948,524.64*	*$408,948,524.64*	*$486,264,625.57*	*$486,264,625.57*	*$486,264,625.57*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$403,965,030.45*	*$7,421,605,476.43*	
Bonus B	*$208,582,331.02*	*$219,209,861.39*	*$219,209,861.39*	*$274,372,193.99*	*$274,372,193.99*	*$255,592,827.90*	*$255,592,827.90*	*$303,915,390.98*	*$303,915,390.98*	*$303,915,390.98*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$252,478,144.03*	*$4,638,503,422.77*	
Bonus C	*$125,149,398.61*	*$131,525,916.83*	*$131,525,916.83*	*$164,623,316.39*	*$164,623,316.39*	*$153,355,696.74*	*$153,355,696.74*	*$182,349,234.59*	*$182,349,234.59*	*$182,349,234.59*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$151,486,886.42*	*$2,783,102,053.66*	
Bonus D						*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$71,361,591.12*	*$927,700,684.60*	
Additional Restitution Amount	$64,615,384.62	$113,076,923.08	$105,000,000.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$282,692,307.70	
State Cost Fund	$56,538,461.54	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$56,538,461.54	
State Outside Counsel Fee Fund	$136,044,378.70	$129,230,769.23	$17,417,159.76	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$282,692,307.70	
Attorney Fee Fund	$136,044,378.70	$150,934,911.25	$270,825,443.80	$183,625,739.68	$183,625,739.69	$183,625,739.69	$183,625,739.69	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,292,307,692.51	
MDL Expense Fund	$40,384,615.39	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40,384,615.39	
Litigating Subdivision Cost Fund	$40,000,000.00	$40,000,000.00	$40,000,000.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$120,000,000.00	
Total Payment	$1,266,240,076.84	$1,266,240,076.84	$1,266,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,226,240,076.84	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	$1,030,778,538.44	**$20,628,629,075.93**	**Max After Credit**
																			$491,370,923.07	**Tribal/W. Va. Credit**
																			$21,119,999,999.00	**Global Settlement Amount**

EXHIBIT N

Additional Restitution Amount Allocation

American Samoa	0.0269444247%
Arizona	3.6430210329%
California	16.2669545320%
Colorado	2.7085512198%
Connecticut	2.1096636070%
District of Columbia	0.3322525916%
Guam	0.0804074609%
Illinois	5.4255643065%
Iowa	1.2999070108%
Kansas	1.3410510698%
Louisiana	2.3525361878%
Maine	0.9038789471%
Maryland	3.2974316916%
Massachusetts	3.6093694218%
Minnesota	2.1790874099%
Missouri	3.1849331362%
N. Mariana Islands	0.0285222675%
Nebraska	0.7246475605%
New Jersey	4.3741379541%
New York	9.7303039729%
North Carolina	5.1803544928%
North Dakota	0.3171626484%
Oregon	2.2051475878%
Pennsylvania	7.0279415168%
Tennessee	4.2216179010%
Texas	10.4894528864%
Virgin Islands	0.0544915651%
Virginia	3.7333854452%
Wisconsin	2.8360231633%
Wyoming	0.3152569876%

EXHIBIT O

Adoption of a State-Subdivision Agreement

A State-Subdivision Agreement shall be applied if it meets the requirements of Section V and is approved by the State and by the State's Subdivisions as follows:

1. *Requirements for Approval*. A State-Subdivision Agreement shall be agreed when it has been approved by the State and either (a) Subdivisions whose aggregate "*Population Percentages*," determined as set forth below, total more than sixty percent (60%), or (b) Subdivisions whose aggregate Population Percentages total more than fifty percent (50%) provided that these Subdivisions also represent fifteen percent (15%) or more of the State's counties or parishes (or, in the case of Settling States whose counties and parishes that do not function as local governments, fifteen percent (15%) of or more of the Settling State's General Purpose Governments that qualify as Subdivisions), by number.

2. *Approval Authority*. Approval by the State shall be by the Attorney General. Approval by a Subdivision shall be by the appropriate official or legislative body pursuant to the required procedures for that Subdivision to agree to a legally binding settlement.

3. *Population Percentage Calculation*. For purposes of this Exhibit O only, Population Percentages shall be determined as follows: For States with functional counties or parishes[17], the Population Percentage of each county or parish shall be deemed to be equal to (a) (1) two hundred percent (200%) of the population of such county or parish, minus (2) the aggregate population of all Primary Incorporated Municipalities located in such county or parish, divided by (b) two hundred percent (200%) of the State's population. A "*Primary Incorporated Municipality*" means a city, town, village or other municipality incorporated under applicable state law with a population of at least 25,000 that is not located within another incorporated municipality. The Population Percentage of each Primary Incorporated Municipality shall be equal to its population (including the population of any incorporated or unincorporated municipality located therein) divided by two hundred percent (200%) of the State's population; *provided* that the Population Percentage of a Primary Incorporated Municipality that is not located within a county shall be equal to two hundred percent (200%) of its population (including the population of any incorporated or unincorporated municipality located therein) divided by two hundred percent (200%) of the State's population. For all States that do not have functional counties or parishes, the Population Percentage of each General Purpose Government (including any incorporated or unincorporated municipality located therein), shall be equal to its population divided by the State's population.

4. *Preexisting Agreements and Statutory Provisions*. A State may include with the notice to its Subdivisions an existing agreement, a proposed agreement, or statutory provisions regarding the distribution and use of settlement funds and have the acceptance of such an agreement or statutory provision be part of the requirements to be an Initial Participating Subdivision.

[17] Certain states do not have counties or parishes that have functional governments, including: Alaska, Connecticut, Massachusetts, Rhode Island, and Vermont.

5. *Revised Agreements*. A State-Subdivision Agreement that has been revised, supplemented, or refined shall be applied if it meets the requirements of Section V and is approved by the State and by the State's Subdivisions pursuant to the terms above.

EXHIBIT P

Injunctive Relief

I. INTRODUCTION

A. Within ninety (90) days of the Effective Date unless otherwise set forth herein, each Injunctive Relief Distributor shall implement the injunctive relief terms set forth in Sections II through XIX (the "*Injunctive Relief Terms*") in its Controlled Substance Monitoring Program ("*CSMP*").

B. The Effective Date of these Injunctive Relief Terms shall be defined by Section I.P of the Settlement Agreement, dated as of July 21, 2021, which incorporates these Injunctive Relief Terms as Exhibit P.

II. TERM AND SCOPE

A. The duration of the Injunctive Relief Terms contained in Sections IV through XVI shall be ten (10) years from the Effective Date.

B. McKesson Corporation, Cardinal Health, Inc., and AmerisourceBergen Corporation are referred to collectively throughout these Injunctive Relief Terms as the "*Injunctive Relief Distributors*" or individually as an "*Injunctive Relief Distributor*." Each Injunctive Relief Distributor is bound by the terms herein.

C. The requirements contained in Sections VIII through XV shall apply to the distribution of Controlled Substances to Customers by each Injunctive Relief Distributor's Full-Line Wholesale Pharmaceutical Distribution Business, including by any entities acquired by the Injunctive Relief Distributors that are engaged in the Full-Line Wholesale Pharmaceutical Distribution Business. The prior sentence is not limited to activity physically performed at each Injunctive Relief Distributor's distribution centers and includes activity covered by the prior sentence performed by each Injunctive Relief Distributor at any physical location, including at its corporate offices or at the site of a Customer with respect to Sections III through XV.

III. DEFINITIONS

A. "*Audit Report*." As defined in Section XVIII.H.3.

B. "*Chain Customers*." Chain retail pharmacies that have centralized corporate headquarters and have multiple specific retail pharmacy locations from which Controlled Substances are dispensed to individual patients.

C. "*Chief Diversion Control Officer*." As defined in Section IV.A.

D. "*Clearinghouse*." The system established by Section XVII.

E. "*Clearinghouse Advisory Panel*." As defined in Section XVII.B.4.

F. "*Controlled Substances.*" Those substances designated under schedules II-V pursuant to the federal Controlled Substances Act and the laws and regulations of the Settling States that incorporate federal schedules II-V. For purposes of the requirements of the Injunctive Relief Terms, Gabapentin shall be treated as a Controlled Substance, except for purposes of Section XII for Customers located in States that do not regulate it as a controlled substance or similar designation (e.g., drug of concern).

G. "*Corrective Action Plan*." As defined in Section XIX.B.7.b.

H. "*CSMP*." As defined in Section I.A.

I. "*CSMP Committee.*" As defined in Section VI.A.

J. "*Customers*." Refers collectively to current, or where applicable potential, Chain Customers and Independent Retail Pharmacy Customers. "Customers" do not include long-term care facilities, hospital pharmacies, and pharmacies that serve exclusively inpatient facilities.

K. "*Data Security Event*." Refers to any compromise, or threat that gives rise to a reasonable likelihood of compromise, by unauthorized access or inadvertent disclosure impacting the confidentiality, integrity, or availability of Dispensing Data.

L. "*Dispensing Data.*" Includes, unless altered by the Clearinghouse Advisory Panel: (i) unique patient IDs; (ii) patient zip codes; (iii) the dates prescriptions were dispensed; (iv) the NDC numbers of the drugs dispensed; (v) the quantities of drugs dispensed; (vi) the day's supply of the drugs dispensed; (vii) the methods of payment for the drugs dispensed; (viii) the prescribers' names; (ix) the prescribers' NPI or DEA numbers; and (x) the prescribers' zip codes or addresses. The Clearinghouse will be solely responsible for collecting Dispensing Data.

M. "*Draft Report.*" As defined in Section XVIII.H.1.

N. "*Effective Date.*" As defined in Section I.B.

O. *"Full-Line Wholesale Pharmaceutical Distribution Business.*" Activity engaged in by distribution centers with a primary business of supplying a wide range of branded, generic, over-the-counter and specialty pharmaceutical products to Customers.

P. "*Highly Diverted Controlled Substances.*" Includes: (i) oxycodone; (ii) hydrocodone; (iii) hydromorphone; (iv) tramadol; (v) oxymorphone; (vi) morphine; (vii) methadone; (viii) carisoprodol; (ix) alprazolam; and (x) fentanyl. The Injunctive Relief Distributors shall confer annually and review this list to determine whether changes are appropriate and shall add Controlled Substances to

the list of Highly Diverted Controlled Substances as needed based on information provided by the DEA and/or other sources related to drug diversion trends. The Injunctive Relief Distributors shall notify the State Compliance Review Committee and the Monitor of any additions to the list of Highly Diverted Controlled Substances. Access to Controlled Substances predominately used for Medication-Assisted Treatment shall be considered when making such additions.

Q. "*Independent Retail Pharmacy Customers.*" Retail pharmacy locations that do not have centralized corporate headquarters and dispense Controlled Substances to individual patients.

R. "*Injunctive Relief Distributors.*" As defined in Section II.B.

S. "*Injunctive Relief Terms.*" As defined in Section I.A.

T. "*Monitor.*" As defined in Section XVIII.A.

U. "*National Arbitration Panel.*" As defined by Section I.GG of the Settlement Agreement, dated as of July 21, 2021, which incorporates these Injunctive Relief Terms as Exhibit P.

V. "*NDC.*" National Drug Code.

W. "*non-Controlled Substance.*" Prescription medications that are not Controlled Substances.

X. "*Notice of Potential Violation.*" As defined in Section XIX.B.2.

Y. "*Order.*" A unique Customer request on a specific date for (i) a certain amount of a specific dosage form or strength of a Controlled Substance or (ii) multiple dosage forms and/or strengths of a Controlled Substance. For the purposes of this definition, each line item on a purchasing document or DEA Form 222 is a separate order, except that a group of line items either in the same drug family or DEA base code (based upon the structure of a Injunctive Relief Distributor's CSMP) may be considered to be a single order.

Z. "*Pharmacy Customer Data.*" Aggregated and/or non-aggregated data provided by the Customer for a 90-day period.

1. To the extent feasible based on the functionality of a Customer's pharmacy management system, Pharmacy Customer Data shall contain (or, in the case of non-aggregated data, shall be sufficient to determine) the following:

a) A list of the total number of prescriptions and dosage units for each NDC for all Controlled Substances and non-Controlled Substances;

b) A list of the top five prescribers of each Highly Diverted Controlled Substance by dosage volume and the top ten prescribers of all Highly Diverted Controlled Substances combined by dosage volume. For each prescriber, the data shall include the following information:

(1) Number of prescriptions and doses prescribed for each Highly Diverted Controlled Substance NDC;

(2) Number of prescriptions for each unique dosage amount (number of pills per prescription) for each Highly Diverted Controlled Substance NDC;

(3) Prescriber name, DEA registration number, and address; and

(4) Medical practice/specialties, if available;

c) Information on whether the method of payment was cash for (a) Controlled Substances, and (b) non-Controlled Substances; and

d) Information on top ten patient residential areas by five-digit ZIP code prefix for filled Highly Diverted Controlled Substances by dosage volume, including number of prescriptions and doses for each Highly Diverted Controlled Substance NDC.

2. Injunctive Relief Distributors are not required to obtain Pharmacy Customer Data for all Customers. Pharmacy Customer Data only needs to be obtained under circumstances required by the Injunctive Relief Terms and the applicable CSMP policies and procedures. Each Injunctive Relief Distributor's CSMP policies and procedures shall describe the appropriate circumstances under which and methods to be used to obtain and analyze Pharmacy Customer Data.

3. Injunctive Relief Distributors shall only collect, use, disclose or retain Pharmacy Customer Data consistent with applicable federal and state privacy and consumer protections laws. Injunctive Relief Distributors shall not be required to collect, use, disclose or retain any data element that is prohibited by law or any element that would require notice to or consent from the party who is the subject of the data element, including, but not limited to, a third party (such as a prescriber) to permit collection, use, disclosure and/or retention of the data.

AA. "*Potential Violation.*" As defined in Section XIX.B.1.

BB. "*Reporting Periods.*" As defined in Section XVIII.C.1.

CC. "*Settling State.*" As defined by Section I.OOO of the Settlement Agreement, dated as of July 21, 2021, which incorporates these Injunctive Relief Terms as Exhibit P.

DD. "*State Compliance Review Committee.*" The initial State Compliance Review Committee members are representatives from the Attorneys General Offices of Connecticut, Florida, New York, North Carolina, Tennessee, and Texas. The membership of the State Compliance Review Committee may be amended at the discretion of the Settling States.

EE. "*Suspicious Orders.*" As defined under federal law and regulation and the laws and regulations of the Settling States that incorporate the federal Controlled Substances Act. Suspicious Orders currently include, but are not limited to, orders of unusual size, orders deviating substantially from a normal pattern, and orders of unusual frequency.

FF. "*Threshold.*" The total volume of a particular drug family, DEA base code, or a particular formulation of a Controlled Substance that an Injunctive Relief Distributor shall allow a Customer to purchase in any particular period. This term may be reassessed during Phase 2-B of the Clearinghouse.

GG. "*Third Party Request.*" A request from an entity other than an Injunctive Relief Distributor, a Settling State, or the Monitor pursuant to a subpoena, court order, data practices act, freedom of information act, public information act, public records act, or similar law.

HH. "*Top Prescriber.*" A prescriber who, for a Customer, is either (i) among the top five (5) prescribers of each Highly Diverted Controlled Substance or (ii) among the top ten (10) prescribers of Highly Diverted Controlled Substances combined, as determined from the most recent Pharmacy Customer Data for that Customer.

IV. CSMP PERSONNEL

A. Each Injunctive Relief Distributor shall establish or maintain the position of Chief Diversion Control Officer, or other appropriately titled position, to oversee the Injunctive Relief Distributor's CSMP. The Chief Diversion Control Officer shall have appropriate experience regarding compliance with the laws and regulations concerning Controlled Substances, in particular laws and regulations requiring effective controls against the potential diversion of Controlled Substances. The Chief Diversion Control Officer shall report directly to either the senior executive responsible for U.S. pharmaceutical distribution or the most senior legal officer at the Injunctive Relief Distributor.

B. The Chief Diversion Control Officer shall be responsible for the approval of material revisions to the CSMP.

C. The Chief Diversion Control Officer shall provide at least quarterly reports to the CSMP Committee regarding the Injunctive Relief Distributor's operation of the

CSMP, including the implementation of any changes to the CSMP required by these Injunctive Relief Terms.

D. An Injunctive Relief Distributor's CSMP functions, including, but not limited to, the onboarding and approval of new Customers for the sale of Controlled Substances, setting and adjusting Customer Thresholds for Controlled Substances, terminating or suspending Customers, and submitting Suspicious Orders and other reports to Settling States (or the Clearinghouse, when operational), but excluding support necessary to perform these functions, shall be conducted exclusively by the Injunctive Relief Distributor's CSMP personnel or qualified third-party consultants.

E. Staffing levels of each Injunctive Relief Distributor's CSMP department shall be reviewed periodically, but at least on an annual basis, by the Injunctive Relief Distributor's CSMP Committee. This review shall include consideration of relevant developments in technology, law, and regulations to ensure the necessary resources are in place to carry out the program in an effective manner.

F. Personnel in an Injunctive Relief Distributor's CSMP department shall not report to individuals in an Injunctive Relief Distributor's sales department, and sales personnel shall not be authorized to make decisions regarding the promotion, compensation, demotion, admonition, discipline, commendation, periodic performance reviews, hiring, or firing of CSMP personnel.

G. The CSMP policies and procedures shall be published in a form and location readily accessible to all CSMP personnel at each Injunctive Relief Distributor.

V. INDEPENDENCE

A. For each Injunctive Relief Distributor, sales personnel compensated with commissions shall not be compensated based on revenue or profitability targets or expectations for sales of Controlled Substances. However, each Injunctive Relief Distributor's personnel may, as applicable, be compensated (including incentive compensation) based on formulas that include total sales for all of the Injunctive Relief Distributor's products, including Controlled Substances. The compensation of sales personnel shall not include incentive compensation tied solely to sales of Controlled Substances.

B. For any Injunctive Relief Distributor personnel who are compensated at least in part based on Customer sales, the Injunctive Relief Distributor shall ensure the compensation of such personnel is not decreased by a CSMP-related suspension or termination of a Customer or as a direct result of the reduction of sales of Controlled Substances to a Customer pursuant to the CSMP.

C. The Injunctive Relief Distributors' sales personnel shall not be authorized to make decisions regarding the implementation of CSMP policies and procedures, the design of the CSMP, the setting or adjustment of Thresholds, or other actions

taken pursuant to the CSMP, except sales personnel must provide information regarding compliance issues to CSMP personnel promptly. The Injunctive Relief Distributors' sales personnel are prohibited from interfering with, obstructing, or otherwise exerting control over any CSMP department decision-making.

D. Each Injunctive Relief Distributor shall review its compensation and non-retaliation policies and, if necessary, modify and implement changes to those policies to effectuate the goals of, and incentivize compliance with, the CSMP.

E. Each Injunctive Relief Distributor shall maintain a telephone, email, and/or web-based "hotline" to permit employees and/or Customers to anonymously report suspected diversion of Controlled Substances or violations of the CSMP, Injunctive Relief Distributor company policy related to the distribution of Controlled Substances, or applicable law. Each Injunctive Relief Distributor shall share the hotline contact information with their employees and Customers. Each Injunctive Relief Distributor shall maintain all complaints made to the hotline, and document the determinations and bases for those determinations made in response to all complaints.

VI. OVERSIGHT

A. To the extent not already established, each Injunctive Relief Distributor shall establish a committee that includes senior executives with responsibility for legal, compliance, distribution and finance to provide oversight over its CSMP (the "*CSMP Committee*"). The Chief Diversion Control Officer shall be a member of the CSMP Committee. The CSMP Committee shall not include any employee(s) or person(s) performing any sales functions on behalf of the Injunctive Relief Distributor; provided that service on the CSMP Committee by any senior executives listed in this paragraph whose responsibilities may include, but are not limited to, management of sales functions shall not constitute a breach of the Injunctive Relief Terms.

B. Each Injunctive Relief Distributor's CSMP Committee shall have regular meetings during which the Chief Diversion Control Officer shall present to the CSMP Committee with respect to, and the CSMP Committee shall evaluate, among other things: (1) any material modifications and potential enhancements to the CSMP including, but not limited to, those relating to Customer due diligence and Suspicious Order monitoring and reporting; (2) any significant new national and regional diversion trends involving Controlled Substances; (3) the Injunctive Relief Distributor's adherence to the CSMP policies and procedures, the Injunctive Relief Terms, and applicable laws and regulations governing the distribution of Controlled Substances; and (4) any technology, staffing, or other resource needs for the CSMP. The CSMP Committee shall have access to all CSMP reports. The CSMP Committee will review and approve the specific metrics used to identify the Red Flags set forth in Section VIII.

C. On a quarterly basis, each Injunctive Relief Distributor's CSMP Committee shall send a written report to the Injunctive Relief Distributor's Chief Executive, Chief Financial, and Chief Legal Officer, as well as its Board of Directors, addressing: (1) the Injunctive Relief Distributor's substantial adherence to the CSMP policies and procedures, the Injunctive Relief Terms, and applicable laws and regulations governing the distribution of Controlled Substances; (2) recommendations as appropriate about the allocation of resources to ensure the proper functioning of the Injunctive Relief Distributor's CSMP; and (3) significant revisions to the CSMP. The Board of Directors or a committee thereof at each Injunctive Relief Distributor shall document in its minutes its review of the quarterly CSMP Committee reports.

D. To the extent not already established, the Board of Directors of each Injunctive Relief Distributor shall establish its own compliance committee (the "*Board Compliance Committee*") to evaluate, at a minimum, and on a quarterly basis: (1) the CSMP Committee's written reports; (2) the Injunctive Relief Distributor's substantial adherence to the CSMP policies and procedures, the Injunctive Relief Terms, and applicable laws and regulations governing the distribution of Controlled Substances; (3) the Injunctive Relief Distributor's code of conduct and any whistleblower reporting policies, including those prescribed by Section V.E; and (4) any significant regulatory and/or government enforcement matters within the review period relating to the distribution of Controlled Substances. An Injunctive Relief Distributor meets this requirement if it established, prior to the Effective Date, multiple committees of its Board of Directors that together have responsibilities outlined in this paragraph.

E. The Board Compliance Committee shall have the authority to: (1) require management of the Injunctive Relief Distributor to conduct audits on any CSMP or legal and regulatory concern pertaining to Controlled Substances distribution, and to update its full Board of Directors on those audits; (2) to commission studies, reviews, reports, or surveys to evaluate the Injunctive Relief Distributor's CSMP performance; (3) request meetings with the Injunctive Relief Distributor's management and CSMP staff; and (4) review the appointment, compensation, performance, and replacement of the Injunctive Relief Distributor's Chief Diversion Control Officer.

VII. MANDATORY TRAINING

A. Each Injunctive Relief Distributor shall require all new CSMP personnel to attend trainings on its CSMP, its obligations under the Injunctive Relief Terms, and its duties with respect to maintaining effective controls against potential diversion of Controlled Substances and reporting Suspicious Orders pursuant to state and federal laws and regulations prior to conducting any compliance activities for the Injunctive Relief Distributor without supervision.

B. Each Injunctive Relief Distributor shall provide annual trainings to CSMP personnel on its CSMP, its obligations under the Injunctive Relief Terms, and its

duties to maintain effective controls against potential diversion of Controlled Substances and report Suspicious Orders pursuant to state and federal laws and regulations.

C. On an annual basis, each Injunctive Relief Distributor shall test its CSMP personnel on their knowledge regarding its CSMP, its obligations under the Injunctive Relief Terms, and its duties to maintain effective controls against potential diversion of Controlled Substances and to report Suspicious Orders pursuant to state and federal laws and regulations.

D. Each Injunctive Relief Distributor shall train all third-party compliance consultants (defined as non-employees who are expected to devote fifty percent (50%) or more of their time to performing work related to the Injunctive Relief Distributor's CSMP, excluding information technology consultants not engaged in substantive functions related to an Injunctive Relief Distributor's CSMP) performing compliance functions for the Injunctive Relief Distributor in the same manner as the Injunctive Relief Distributor's CSMP personnel.

E. At least every three (3) years in the case of existing employees, and within the first six months of hiring new employees, each Injunctive Relief Distributor shall require operations, sales, and senior executive employees to attend trainings on its CSMP, its obligations under the Injunctive Relief Terms, the hotline established in Section V.E, and its duties to maintain effective controls against potential diversion of Controlled Substances and report Suspicious Orders pursuant to state and federal laws and regulations.

VIII. RED FLAGS

A. Within one hundred and twenty days (120) of the Effective Date, each Injunctive Relief Distributor shall, at a minimum, apply specific metrics to identify the potential Red Flags described in Section VIII.D with respect to Independent Retail Pharmacy Customers. For Chain Customers, the metrics used to identify the Red Flags described in Section VIII.D may be adjusted based on the specific business model and supplier relationships of the Chain Customer.

B. Each Injunctive Relief Distributor shall evaluate and, if necessary, enhance or otherwise adjust the specific metrics it uses to identify Red Flags set forth in Section VIII.D.

C. Each Injunctive Relief Distributor shall provide annually to the Monitor the specific metrics it uses to identify Red Flags as set forth in Section VIII.D. The Monitor shall review the metrics used to identify Red Flags as set forth in Section VIII.D to assess whether the metrics are reasonable. The Monitor may, at its discretion, suggest revisions to the metrics in the annual Audit Report as part of the Red Flags Review set forth in Section XVIII.F.3.f. Each Injunctive Relief Distributor may rely on its specific metrics to comply with the requirements of

Section VIII unless and until the Monitor proposes a revised metric in connection with Section XVIII.H.

D. For purposes of the Injunctive Relief Terms, "*Red Flags*" are defined as follows:

1. **Ordering ratio of Highly Diverted Controlled Substances to non-Controlled Substances:** Analyze the ratio of the order volume of all Highly Diverted Controlled Substances to the order volume of all non-Controlled Substances to identify Customers with significant rates of ordering Highly Diverted Controlled Substances.

2. **Ordering ratio of Highly Diverted Controlled Substance base codes or drug families to non-Controlled Substances:** Analyze the ratio of the order volume of each Highly Diverted Controlled Substance base code or drug family to the total order volume of all non-Controlled Substances to identify Customers with significant rates of ordering each Highly Diverted Controlled Substance base code or drug family.

3. **Excessive ordering growth of Controlled Substances:** Analyze significant increases in the ordering volume of Controlled Substances using criteria to identify customers that exhibit percentage growth of Controlled Substances substantially in excess of the percentage growth of non-Controlled Substances.

4. **Unusual formulation ordering:** Analyze ordering of Highly Diverted Controlled Substances to identify customers with significant ordering of high-risk formulations. High-risk formulations include, but are not limited to, 10mg hydrocodone, 8mg hydromorphone, 2mg alprazolam, single-ingredient buprenorphine (*i.e.*, buprenorphine without naloxone), and highly-abused formulations of oxycodone. On an annual basis (or as otherwise necessary), high-risk formulations of Highly Diverted Controlled Substances may be added, removed, or revised based on the Injunctive Relief Distributors' assessment and regulatory guidance.

5. **Out-of-area patients:** Analyze Pharmacy Customer Data or Dispensing Data to assess volume of prescriptions for Highly Diverted Controlled Substances for out-of-area patients (based on number of miles traveled between a patient's zip code and the pharmacy location, depending on the geographic area of interest) taking into consideration the percentage of out-of-area patients for non-Controlled Substances.

6. **Cash prescriptions:** Analyze Pharmacy Customer Data or Dispensing Data to assess percentage of cash payments for purchases of Controlled Substances taking into consideration the percentage of cash payments for purchases of non-Controlled Substances.

7. **Prescriber activity of Customers:** Analyze Pharmacy Customer Data or Dispensing Data to identify Customers that are dispensing Highly Diverted Controlled Substance prescriptions for Top Prescribers as follows:

    a) Top Prescribers representing a significant volume of dispensing where the prescriber's practice location is in excess of 50 miles from the pharmacy ("out-of-area"), relative to the percentage of out-of-area prescriptions for non-Controlled Substances.

    b) Top Prescribers representing prescriptions for the same Highly Diverted Controlled Substances in the same quantities and dosage forms indicative of pattern prescribing (e.g., a prescriber providing many patients with the same high-dose, high-quantity supply of 30mg oxycodone HCL prescription without attention to the varying medical needs of the prescriber's patient population).

    c) Top Prescribers where the top five (5) or fewer prescribers represent more than fifty percent (50%) of total prescriptions for Highly Diverted Controlled Substances during a specified period.

8. **Public regulatory actions against Customers:** Review information retrieved from companies that provide licensing and disciplinary history records (e.g., LexisNexis), and/or other public sources, including governmental entities, showing that the Customer, pharmacists working for that Customer, or the Customer's Top Prescribers have been subject, in the last five (5) years, to professional disciplinary sanctions regarding the dispensing or handling of Controlled Substances or law enforcement action related to Controlled Substances diversion. Continued licensing by a relevant state agency may be considered, but shall not be dispositive, in resolving the Red Flag. For Chain Customer locations, representations from each Chain Customer that it reviews its pharmacists' licensing statuses annually and for the regulatory actions described in this paragraph has either (i) taken appropriate employment action, or (ii) disclosed the regulatory action to the Injunctive Relief Distributor, may be considered in resolving the Red Flag.

9. **Customer termination data:** Review information from the Injunctive Relief Distributor's due diligence files and, when operable, from the Clearinghouse, subject to Section VIII.F, regarding Customers that have been terminated from ordering Controlled Substances by another distributor due to concerns regarding Controlled Substances.

E. For any Red Flag evaluation in Section VIII.D that may be performed using Pharmacy Customer Data or Dispensing Data, an Injunctive Relief Distributor will analyze the Red Flag using Pharmacy Customer Data, to the extent feasible based on the functionality of a Customer's pharmacy management system, until

Dispensing Data is collected and analyzed by the Clearinghouse as described in Section XVII. Until Dispensing Data is collected and analyzed by the Clearinghouse, an Injunctive Relief Distributor may satisfy the Red Flag evaluations in Sections VIII.D.5 through VIII.D.7 by engaging in considerations of out-of-area patients, cash payments for prescriptions and Top Prescribers without satisfying the specific requirements of Sections VIII.D.5 through VIII.D.7. In the event that the Clearinghouse is not collecting and analyzing Dispensing Data within two years of the Effective Date, the Injunctive Relief Distributors and the State Compliance Review Committee shall meet and confer to consider alternatives for the performance of the analysis required by Sections VIII.D.5 through VIII.D.7 using Pharmacy Customer Data.

F. As provided for in Section XVII.C.4, the foregoing Red Flag evaluations may be performed by the Clearinghouse and reported to the relevant Injunctive Relief Distributors.

G. The Injunctive Relief Distributors and the State Compliance Review Committee shall work in good faith to identify additional potential Red Flags that can be derived from the data analytics to be performed by the Clearinghouse.

IX. ONBOARDING

A. For each Injunctive Relief Distributor, prior to initiating the sale of Controlled Substances to a potential Customer, a member of the Injunctive Relief Distributor's CSMP department (or a qualified third-party compliance consultant trained on the Injunctive Relief Distributor's CSMP) shall perform the following due diligence:

1. Interview the pharmacist-in-charge, either over the telephone, via videoconference, or in person. The interview shall include questions regarding the manner in which the potential Customer maintains effective controls against the potential diversion of Controlled Substances.

2. Obtain a "Pharmacy Questionnaire" completed by the owner and/or pharmacist-in-charge of the potential Customer. The Pharmacy Questionnaire shall require going-concern potential Customers to list their top ten (10) prescribers for Highly Diverted Controlled Substances combined, along with the prescriber's specialty, unless the Injunctive Relief Distributor is able to obtain this data otherwise. The Pharmacy Questionnaire shall also require disclosure of the identity of all other distributors that serve the potential Customer, and whether the potential Customer has been terminated or suspended from ordering Controlled Substances by another distributor and the reason for any termination or suspension. The Pharmacy Questionnaire shall request information that would allow the Injunctive Relief Distributor to identify Red Flags, including questions regarding the manner in which the potential Customer maintains effective controls against the potential diversion of Controlled

Substances. A potential Customer's responses to the Pharmacy Questionnaire shall be verified, to the extent applicable and practicable, against external sources (for example, the Clearinghouse, once operational, and Automation of Reports and Consolidated Orders System ("*ARCOS*") data made available to the Injunctive Relief Distributor by the DEA). The Pharmacy Questionnaire shall be maintained by the Injunctive Relief Distributor in a database accessible to its CSMP personnel.

3. Complete a written onboarding report to be maintained in a database accessible to the Injunctive Relief Distributor's CSMP personnel reflecting the findings of the interview and any site visit, the findings regarding the identification of and, if applicable, conclusion concerning any Red Flag associated with the pharmacy, as well as an analysis of the Pharmacy Questionnaire referenced in the preceding paragraph.

4. For going-concern potential Customers, review Pharmacy Customer Data to assist with the identification of any Red Flags.

5. Document whether the potential Customer or the pharmacist-in-charge has been subject to any professional disciplinary sanctions or law enforcement activity related to Controlled Substances dispensing, and, if so, the basis for that action. For Chain Customers, this provision shall apply to the potential specific pharmacies in question.

B. For Chain Customers, each Injunctive Relief Distributor may obtain the information in Section IX.A from a corporate representative of the Chain Customer.

C. In the event that an Injunctive Relief Distributor identifies one or more unresolved Red Flags or other information indicative of potential diversion of Controlled Substances through the onboarding process or otherwise, the Injunctive Relief Distributor shall refrain from selling Controlled Substances to the potential Customer pending additional due diligence. If following additional due diligence, the Injunctive Relief Distributor is unable to resolve the Red Flags or other information indicative of diversion, the Injunctive Relief Distributor shall not initiate the sale of Controlled Substances to the potential Customer and shall report the potential Customer consistent with Section XIV. If the Injunctive Relief Distributor determines that the potential Customer may be onboarded for the sale of Controlled Substances, the Injunctive Relief Distributor shall document the decision and the bases for its decision. Such a good faith determination, if documented, shall not serve, without more, as the basis of a future claim of non-compliance with the Injunctive Relief Terms. For Chain Customers, these provisions shall apply to the potential specific pharmacies in question.

X. ONGOING DUE DILIGENCE

A. Each Injunctive Relief Distributor shall periodically review its procedures and systems for detecting patterns or trends in Customer order data or other information used to evaluate whether a Customer is maintaining effective controls against diversion.

B. Each Injunctive Relief Distributor shall conduct periodic proactive compliance reviews of its Customers' performance in satisfying their corresponding responsibilities to maintain effective controls against the diversion of Controlled Substances.

C. Each Injunctive Relief Distributor shall review ARCOS data made available to it by the DEA and, once operational, by the Clearinghouse, to assist with Customer specific due diligence. For Chain Customers, this provision shall apply to the potential specific pharmacies in question.

D. Each Injunctive Relief Distributor shall conduct due diligence as set forth in its CSMP policies and procedures in response to concerns of potential diversion of Controlled Substances at its Customers. For Chain Customers, these provisions shall apply to the specific pharmacies in question. The due diligence required by an Injunctive Relief Distributor's CSMP policies and procedures may depend on the information or events at issue. The information or events raising concerns of potential diversion of Controlled Substances at a Customer include but are not limited to:

1. The discovery of one or more unresolved Red Flags;

2. The receipt of information directly from law enforcement or regulators concerning potential diversion of Controlled Substances at or by a Customer;

3. The receipt of information concerning the suspension or revocation of pharmacist's DEA registration or state license related to potential diversion of Controlled Substances;

4. The receipt of reliable information through the hotline established in Section V.E concerning suspected diversion of Controlled Substances at the Customer;

5. The receipt of reliable information from another distributor concerning suspected diversion of Controlled Substances at the Customer; or

6. Receipt of other reliable information that the Customer is engaged in conduct indicative of diversion or is failing to adhere to its corresponding responsibility to prevent the diversion of Highly Diverted Controlled Substances.

E. On an annual basis, each Injunctive Relief Distributor shall obtain updated pharmacy questionnaires from five hundred (500) Customers to include the following:

1. The top 250 Customers by combined volume of Highly Diverted Controlled Substances purchased from the Injunctive Relief Distributor measured as of the end of the relevant calendar year; and

2. Additional Customers selected as a representative sample of various geographic regions, customer types (Independent Retail Pharmacy Customers and Chain Customers), and distribution centers. Each Injunctive Relief Distributor's Chief Diversion Control Officer shall develop risk-based criteria for the sample selection.

F. Scope of Review

1. For reviews triggered by Section X.D, an Injunctive Relief Distributor shall conduct due diligence and obtain updated Pharmacy Customer Data or equivalent, or more comprehensive data from the Clearinghouse if needed, as set forth in its CSMP policies and procedures.

2. For questionnaires collected pursuant to Section X.E, Injunctive Relief Distributors shall conduct a due diligence review consistent with the Injunctive Relief Distributors' CSMP policies and procedures. These annual diligence reviews shall be performed in addition to any of the diligence reviews performed under Section X.D, but may reasonably rely on reviews performed under Section X.D.

3. If the Injunctive Relief Distributor decides to terminate the Customer due to concerns regarding potential diversion of Controlled Substances, the Injunctive Relief Distributor shall promptly cease the sale of Controlled Substances to the Customer and report the Customer consistent with Section XIV. If the Injunctive Relief Distributor decides not to terminate the Customer, the Injunctive Relief Distributor shall document that determination and the basis therefor. Such a good faith determination, if documented, shall not, without more, serve as the basis of a future claim of non-compliance with the Injunctive Relief Terms.

XI. SITE VISITS

A. Each Injunctive Relief Distributor shall conduct site visits, including unannounced site visits, where appropriate, of Customers, as necessary, as part of Customer due diligence.

B. During site visits, an Injunctive Relief Distributor's CSMP personnel or qualified third-party compliance consultants shall interview the pharmacist-in-charge or other relevant Customer employees, if appropriate, about any potential Red Flags

and the Customer's maintenance of effective controls against the potential diversion of Controlled Substances.

C. An Injunctive Relief Distributor's CSMP personnel or qualified third-party compliance consultants who conduct site visits shall document the findings of any site visit.

D. Site visit and all other compliance reports shall be maintained by each Injunctive Relief Distributor in a database accessible to all CSMP personnel.

XII. THRESHOLDS

A. Each Injunctive Relief Distributor shall use Thresholds to identify potentially Suspicious Orders of Controlled Substances from Customers.

B. Each Injunctive Relief Distributor's CSMP department shall be responsible for the oversight of the process for establishing and modifying Thresholds. The sales departments of the Injunctive Relief Distributors shall not have the authority to establish or adjust Thresholds for any Customer or participate in any decisions regarding establishment or adjustment of Thresholds.

C. Injunctive Relief Distributors shall not provide Customers specific information about their Thresholds or how their Thresholds are calculated.

1. Threshold Setting

a) Injunctive Relief Distributors shall primarily use model-based thresholds. For certain circumstances, Injunctive Relief Distributors may apply a non-model threshold based on documented customer diligence and analysis.

b) Each Injunctive Relief Distributor shall include in its Annual Threshold Analysis and Assessment Report (as required by Section XVIII.F.3.c) to the Monitor summary statistics regarding the use of non-model thresholds and such information shall be considered by the Monitor as part of its Threshold Setting Process Review in the annual Audit Report.

c) For the purposes of establishing and maintaining Thresholds, each Injunctive Relief Distributor shall take into account the Controlled Substances diversion risk of each drug base code. The diversion risk of each base code should be defined and reassessed annually by the Injunctive Relief Distributor's CSMP Committee and reviewed by the Monitor.

d) Each Injunctive Relief Distributor shall establish Thresholds for new Customers prior to supplying those Customers with Controlled Substances and shall continue to have Thresholds in

place at all times for each Customer to which it supplies Controlled Substances.

e) When ordering volume from other distributors becomes readily available from the Clearinghouse, an Injunctive Relief Distributor shall consider including such information as soon as reasonably practicable in establishing and maintaining Thresholds.

f) Each Injunctive Relief Distributor shall incorporate the following guiding principles in establishing and maintaining Customer Thresholds, except when inapplicable to non-model Thresholds:

(1) Thresholds shall take into account the number of non-Controlled Substance dosage units distributed to, dispensed and/or number of prescriptions dispensed by the Customer to assist with the determination of Customer size. As a general matter, smaller customers should have lower Thresholds than larger customers.

(2) For the purposes of establishing and maintaining Thresholds, Injunctive Relief Distributors shall use statistical models that are appropriate to the underlying data.

(3) For the purposes of establishing and maintaining Thresholds, Injunctive Relief Distributors shall take into account a Customer's ordering and/or dispensing history for a specified period of time.

(4) For the purposes of establishing and maintaining Thresholds, Injunctive Relief Distributors shall take into account the ordering history of Customers within similar geographic regions, or, where appropriate for Chain Customers, ordering history within the chain.

(5) If appropriate, Thresholds may take into account the characteristics of Customers with similar business models.

(a) A Customer's statement that it employs a particular business model must be verified, to the extent practicable, before that business model is taken into account in establishing and maintaining a Customer's Threshold.

2. Threshold Auditing

a) The Injunctive Relief Distributors shall review their respective Customer Thresholds at least on an annual basis and modify them where appropriate.

b) Each Injunctive Relief Distributor's CSMP department shall annually evaluate its Threshold setting methodology and processes and its CSMP personnel's performance in adhering to those policies.

3. Threshold Changes

a) An Injunctive Relief Distributor may increase or decrease a Customer Threshold as set forth in its CSMP policies and procedures, subject to Sections XII.C.3.b through XII.C.3.e.

b) Prior to approving any Threshold change request by a Customer, each Injunctive Relief Distributor shall conduct due diligence to determine whether an increase to the Threshold is warranted. This due diligence shall include obtaining from the Customer the basis for the Threshold change request, obtaining and reviewing Dispensing Data and/or Pharmacy Customer Data for the previous three (3) months for due diligence purposes, and, as needed, conducting an on-site visit to the Customer. This Threshold change request diligence shall be conducted by the Injunctive Relief Distributor's CSMP personnel.

c) No Injunctive Relief Distributor shall proactively contact a Customer to suggest that the Customer request an increase to any of its Thresholds, to inform the Customer that its Orders-to-date are approaching its Thresholds or to recommend to the Customer the amount of a requested Threshold increase. It shall not be a violation of this paragraph to provide Chain Customer headquarters reporting on one or more individual Chain Customer pharmacy location(s) to support the anti-diversion efforts of the Chain Customer's headquarters staff, and it shall not be a violation of this paragraph for the Injunctive Relief Distributor's CSMP personnel to contact Customers to seek to understand a Customer's ordering patterns.

d) An Injunctive Relief Distributor's Chief Diversion Control Officer may approve criteria for potential adjustments to Customer Thresholds to account for circumstances where the Thresholds produced by the ordinary operation of the statistical models require modification. Such circumstances include adjustments to account for seasonal ordering of certain Controlled Substances that are

based on documented diligence and analysis, adjustments made to permit ordering of certain Controlled Substances during a declared national or state emergency (e.g., COVID-19 pandemic), IT errors, and data anomalies causing results that are inconsistent with the design of the statistical models. Each Injunctive Relief Distributor shall include in its Annual Threshold Analysis and Assessment Report (as required by Section XVIII.F.3.c) to the Monitor information regarding the use of this paragraph and such information shall be considered by the Monitor as part of its Threshold Setting Process Review in the annual Audit Report.

e) Any decision to raise a Customer's Threshold in response to a request by a Customer to adjust its Threshold must be documented in a writing and state the reason(s) for the change. The decision must be consistent with the Injunctive Relief Distributor's CSMP and documented appropriately.

XIII. SUSPICIOUS ORDER REPORTING AND NON-SHIPMENT

A. Each Injunctive Relief Distributor shall report Suspicious Orders to the Settling States ("*Suspicious Order Reports*" or "*SORs*"), including those Settling States that do not currently require such SORs, at the election of the Settling State.

B. For the SORs required by the Injunctive Relief Terms, each Injunctive Relief Distributor shall report Orders that exceed a Threshold for Controlled Substances set pursuant to the processes in Section XII that are blocked and not shipped.

C. No Injunctive Relief Distributor shall ship any Order that it (i) reports pursuant to Sections XIII.A or XIII.B, or (ii) would have been required to report pursuant to Sections XIII.A or XIII.B had the Settling State elected to receive SORs.

D. In reporting Suspicious Orders to the Settling States, the Injunctive Relief Distributors shall file SORs in a standardized electronic format that is uniform among the Settling States and contains the following information fields:

1. Customer name;

2. Customer address;

3. DEA registration number;

4. State pharmacy license number;

5. Date of order;

6. NDC number;

7. Quantity;

8. Explanation for why the order is suspicious (up to 250 characters): Details that are order-specific regarding why an order was flagged as a Suspicious Order, including specific criteria used by an Injunctive Relief Distributor's Threshold system (except phrases such as "order is of unusual size" without any additional detail are not acceptable); and

9. Name and contact information for a knowledgeable designee within the Injunctive Relief Distributor's CSMP department to be a point of contact for the SORs.

E. On a quarterly basis, each Injunctive Relief Distributor shall provide a summary report to the Settling States that elect to receive it that provides the following information for the relevant quarter with respect to the top ten (10) Customers by volume for each Highly Diverted Controlled Substance base code that have placed a Suspicious Order for that base code, in that quarter (for Chain Customers, only individual pharmacies in the chain will considered for evaluation as a top ten (10) Customer):

1. The number of SORs submitted for that Customer by base code;

2. The Customer's order volume by base code for the quarter for all Highly Diverted Controlled Substances;

3. The Customer's order frequency by base code for the quarter for all Highly Diverted Controlled Substances;

4. For each Highly Diverted Controlled Substance base code, the ratio of the Customer's order volume for that base code to the volume of all pharmaceutical orders for the quarter; and

5. The ratio of the Customer's order volume of all Controlled Substances to the volume of all pharmaceutical orders for the quarter.

F. The Injunctive Relief Distributors shall only be required to file a single, uniform, electronic form of SOR with any Settling State that receives SORs pursuant to these Injunctive Relief Terms. A Settling State retains the authority pursuant to applicable state law or relevant state agency authority to request additional information about a particular SOR.

G. It is the objective of the Settling States and the Injunctive Relief Distributors for the Injunctive Relief Distributors to provide SORs to Settling States that identify the same Suspicious Orders as reported to the DEA pursuant to the definition and requirements of the federal Controlled Substances Act and its regulations, although the fields of the SORs submitted to the Settling States as required by Section XIII may differ from the content required by the DEA. To the extent federal definitions and requirements materially change during the term of the Injunctive Relief Terms, the Injunctive Relief Distributors may be required to adjust the format and content of the SORs to meet these federal requirements. The

Injunctive Relief Distributors and the State Compliance Review Committee will engage in good faith discussions regarding such adjustments.

H. It shall not be a violation of the Injunctive Relief Terms if an Injunctive Relief Distributor ships a Suspicious Order or fails to submit or transmit a SOR if:

1. The shipment of the Suspicious Order or failed SOR transmission was due to a computer error (data entry mistakes, coding errors, computer logic issues, software malfunctions, and other computer errors or IT failures); and

2. The Injunctive Relief Distributor reports the error, including a description of measures that will be taken to prevent recurrence of the error, to any affected Settling State, the State Compliance Review Committee, and the Monitor within five (5) business days of its discovery.

XIV. TERMINATED CUSTOMERS

A. Each Injunctive Relief Distributor shall report to the Clearinghouse, once operational, within five (5) business days (or as otherwise required by state statute or regulation), Customers it has terminated from eligibility to receive Controlled Substances or refused to onboard for the sale of Controlled Substances due to concerns regarding the Customer's ability to provide effective controls against the potential diversion of Controlled Substances following the Effective Date.

B. The Injunctive Relief Distributors shall report to the relevant Settling State(s), within five (5) business days (or as otherwise required by state statute or regulation) Customers located in such Settling States that it has terminated from eligibility to receive Controlled Substances or refused to onboard for the sale of Controlled Substances due to concerns regarding the Customer's ability to provide effective controls against the potential diversion of Controlled Substances following the Effective Date. Such reports will be made in a uniform format. The Injunctive Relief Distributors and the State Compliance Review Committee shall use best efforts to agree on such uniform format for inclusion prior to the requirement taking effect.

C. In determining whether a Customer should be terminated from eligibility to receive Controlled Substances, Injunctive Relief Distributors shall apply factors set out in their CSMP policies and procedures, which shall include the following conduct by a Customer:

1. Has generated an excessive number of Suspicious Orders, which cannot otherwise be explained;

2. Has routinely demonstrated unresolved Red Flag activity;

3. Has continued to fill prescriptions for Highly Diverted Controlled Substances that raise Red Flags following an Injunctive Relief Distributor's warning or communication about such practices;

4. Has failed to provide Pharmacy Customer Data or Dispensing Data in response to a request from an Injunctive Relief Distributor or otherwise refuses to cooperate with the Injunctive Relief Distributor's CSMP after providing the Customer with a reasonable amount of time to respond to the Injunctive Relief Distributor's requests;

5. Has been found to have made material omissions or false statements on a Pharmacy Questionnaire (the requirements for the contents of a Pharmacy Questionnaire are described in Section IX); or

6. Has been the subject of discipline by a State Board of Pharmacy within the past three (3) years or has had its owner(s) or pharmacist-in-charge subject to license probation or termination within the past five (5) years by a State Board of Pharmacy for matters related to Controlled Substances dispensing or a federal or state felony conviction.

D. Once the Clearinghouse has made Customer termination data available to each Injunctive Relief Distributor, each Injunctive Relief Distributor shall consider terminating Customers that have been terminated from eligibility to receive Controlled Substances by another distributor as a result of suspected diversion of Controlled Substances if the Customer is ordering only Controlled Substances from the Injunctive Relief Distributor. If the Injunctive Relief Distributor determines not to terminate Customers to which this paragraph applies, the Injunctive Relief Distributor shall document its decision-making. A good-faith decision to continue shipping Controlled Substances to Customers to which this paragraph applies, shall not serve, without more, as the basis of a future claim of non-compliance with the Injunctive Relief Terms.

E. For Chain Customers, the provisions in Section XIV.A-D shall apply to the specific pharmacies in question.

XV. EMERGENCIES

A. In the circumstances of declared national or state emergencies in which the healthcare community relies on the Injunctive Relief Distributors for critical medicines, medical supplies, products, and services, the Injunctive Relief Distributors may be required to temporarily modify their respective CSMP processes to meet the critical needs of the supply chain. These modifications may conflict with the requirements of the Injunctive Relief Terms.

B. In the case of a declared national or state emergency, the Injunctive Relief Distributors shall be required to give notice to the State Compliance Review Committee of any temporary material changes to their CSMP processes which

may conflict with the requirements of the Injunctive Relief Terms and specify the sections of the Injunctive Relief Terms which will be affected by the temporary change.

C. The Injunctive Relief Distributors shall document all temporary changes to their CSMP processes and appropriately document all customer-specific actions taken as a result of the declared national or state emergency.

D. The Injunctive Relief Distributors shall provide notice to the State Compliance Review Committee at the conclusion of the declared national or state emergency, or sooner, stating that the temporary CSMP processes put into place have been suspended.

E. Provided the Injunctive Relief Distributors comply with the provisions of Sections XV.A through XV.D, the Injunctive Relief Distributors will not face liability for any deviations from the requirements of the Injunctive Relief Terms taken in good faith to meet the critical needs of the supply chain in response to the declared national or state emergency. Nothing herein shall limit Settling States from pursuing claims against the Injunctive Relief Distributors based on deviations from the requirements of the Injunctive Relief Terms not taken in good faith to meet the critical needs of the supply chain in response to a declared national or state emergency.

XVI. COMPLIANCE WITH LAWS AND RECORDKEEPING

A. The Injunctive Relief Distributors acknowledge and agree that they must comply with applicable state and federal laws governing the distribution of Controlled Substances.

B. Good faith compliance with the Injunctive Relief Terms creates a presumption that the Injunctive Relief Distributors are acting reasonably and in the public interest with respect to Settling States' existing laws requiring effective controls against diversion of Controlled Substances and with respect to the identification, reporting, and blocking of Suspicious Orders of Controlled Substances.

C. The requirements of the Injunctive Relief Terms are in addition to, and not in lieu of, any other requirements of state or federal law applicable to Controlled Substances distribution. Except as provided in Section XVI.D, nothing in the Injunctive Relief Terms shall be construed as relieving Injunctive Relief Distributors of the obligation to comply with such laws, regulations, or rules. No provision of the Injunctive Relief Terms shall be deemed as permission for Injunctive Relief Distributors to engage in any acts or practices prohibited by such laws, regulations, or rules.

D. In the event of a conflict between the requirements of the Injunctive Relief Terms and any other law, regulation, or requirement such that an Injunctive Relief Distributor cannot comply with the law without violating the Injunctive Relief

Terms or being subject to adverse action, including fines and penalties, the Injunctive Relief Distributor shall document such conflicts and notify the State Compliance Review Committee and any affected Settling State the extent to which it will comply with the Injunctive Relief Terms in order to eliminate the conflict within thirty (30) days of the Injunctive Relief Distributor's discovery of the conflict. The Injunctive Relief Distributor shall comply with the Injunctive Relief Terms to the fullest extent possible without violating the law.

E. In the event of a change or modification of federal or state law governing the distribution of Controlled Substances that creates an actual or potential conflict with the Injunctive Relief Terms, any Injunctive Relief Distributor, any affected Settling State, or the State Compliance Review Committee may request that the Injunctive Relief Distributors, State Compliance Review Committee, and any affected Settling State meet and confer regarding the law change. During the meet and confer, the Injunctive Relief Distributors, the State Compliance Review Committee, and any affected Settling State will address whether the change or modification in federal or state law requires an amendment to the Injunctive Relief Terms. In the event the Injunctive Relief Distributors, the State Compliance Review Committee, and any affected Settling State cannot agree on a resolution, and the dispute relates to whether the generally applicable Injunctive Relief Terms herein should be changed, an Injunctive Relief Distributor, the State Compliance Review Committee, or any affected Settling State may submit the question to the National Arbitration Panel. If the dispute relates to whether a change in an individual State's law requires a modification of the Injunctive Relief Terms only with respect to that State, an Injunctive Relief Distributor, the State Compliance Review Committee, or any affected Settling State may seek resolution of the dispute pursuant to Section XIX. Maintenance of competition in the industry and the potential burden of inconsistent obligations by Injunctive Relief Distributors shall be a relevant consideration in such resolution.

F. Recordkeeping: Each Injunctive Relief Distributor shall retain records it is required to create pursuant to its obligations hereunder in an electronic or otherwise readily accessible format. The Settling States shall have the right to review records provided to the Monitor pursuant to Section XVIII. Nothing in the Injunctive Relief Terms prohibits a Settling State from issuing a lawful subpoena for records pursuant to an applicable law.

XVII. CLEARINGHOUSE

A. Creation of the Clearinghouse

1. The Clearinghouse functions shall be undertaken by a third-party vendor or vendors.

2. The vendor(s) will be chosen through a process developed and jointly agreed upon by the Injunctive Relief Distributors and the State Compliance Review Committee.

3. Consistent with the process developed by the Injunctive Relief Distributors and the State Compliance Review Committee, within two (2) months of the Effective Date, the Injunctive Relief Distributors shall issue a Request for Proposal to develop the systems and capabilities for a Clearinghouse to perform the services of a data aggregator.

4. Within five (5) months of the Effective Date, the Clearinghouse Advisory Panel shall select one or more entities to develop the systems for the Clearinghouse and perform data aggregator services. The Clearinghouse Advisory Panel shall select a vendor or vendors that employ or retain personnel who have adequate expertise and experience related to the pharmaceutical industry, the distribution of Controlled Substances, and the applicable requirements of the Controlled Substances Act and the DEA's implementing regulations.

5. Within sixty (60) days of the selection of a vendor(s) to serve as the Clearinghouse, the Injunctive Relief Distributors shall negotiate and finalize a contract with the vendor(s). The date that the contract is signed by the Injunctive Relief Distributors and the vendor(s) shall be referred to as the "*Clearinghouse Retention Date*."

6. The development of the Clearinghouse shall proceed on a phased approach as discussed in Sections XVII.C and XVII.D.

B. Governance and Staffing of the Clearinghouse

1. *Capabilities.* The selected vendor or vendors shall staff the Clearinghouse in a manner that ensures the development of robust data collection, analytics and reporting capabilities for the Settling States and Injunctive Relief Distributors. To the extent additional expertise is required for the engagement, the vendor(s) may retain the services of third-party consultants.

2. *Independence.* While performing services for the Clearinghouse, all vendors and consultants, and their staff working on the Clearinghouse, shall be independent (*i.e.*, not perform services of any kind, including as a consultant or an employee on behalf of any Injunctive Relief Distributor outside of the ordinary business operations of the Clearinghouse). Independence may be achieved by implementing appropriate ethical walls with employees who are currently performing or who have previously performed work for an Injunctive Relief Distributor within two years of the Clearinghouse Retention Date.

3. *Liability*. The Injunctive Relief Distributors are entitled to rely upon information or data received from the Clearinghouse, whether in oral, written, or other form. No Injunctive Relief Distributor, and no individual serving on the Clearinghouse Advisory Panel, shall have any liability

(whether direct or indirect, in contract or tort or otherwise) to any Party for or in connection with any action taken or not taken by the Clearinghouse. In addition, no Injunctive Relief Distributor, and no individual serving on the Clearinghouse Advisory Panel, shall have any liability (whether direct or indirect, in contract or tort or otherwise) to any Party for or in connection with any action taken or not taken by an Injunctive Relief Distributor based on incorrect, inaccurate, incomplete or otherwise erroneous information or data provided by the Clearinghouse, unless the information or data was incorrect, inaccurate, incomplete or otherwise erroneous because the Injunctive Relief Distributor itself provided incorrect, inaccurate, incomplete or otherwise erroneous data or information to the Clearinghouse. For any legal requirements that are assumed by the Clearinghouse during Phase 2-B pursuant to Section XVII.D.3, liability shall be addressed pursuant to Section XVII.D.3.c.

4. *Clearinghouse Advisory Panel*. The State Compliance Review Committee and Injunctive Relief Distributors shall create a Clearinghouse Advisory Panel no later than sixty (60) days after the Effective Date to oversee the Clearinghouse.

a) The Clearinghouse Advisory Panel shall have an equal number of members chosen by the State Compliance Review Committee on the one hand, and the Injunctive Relief Distributors on the other. The size of the Clearinghouse Advisory Panel will be decided by the State Compliance Review Committee and the Injunctive Relief Distributors, and the State Compliance Review Committee and the Injunctive Relief Distributors may select as members third-party experts, but no more than one half of each side's representatives may be such third-party experts. At least one member chosen by the State Compliance Review Committee will be based on consultation with the National Association of State Controlled Substances Authorities.

b) During the first two years of the operation of the Clearinghouse, the Clearinghouse Advisory Panel shall meet (in-person or remotely) at least once per month. After the first two years of operation, the Clearinghouse Advisory Panel shall meet at least quarterly. The Monitor may attend Clearinghouse Advisory Panel meetings and may provide recommendations to the Clearinghouse Advisory Panel.

c) The Clearinghouse Advisory Panel shall establish a subcommittee to advise on issues related to privacy, the Health Insurance Portability and Accountability Act of 1996 ("*HIPAA*"), and data security and a subcommittee to advise on issues related to Dispensing Data. It may establish additional subcommittees. Subcommittees may include individuals who are not members of

the Clearinghouse Advisory Panel. The Clearinghouse Advisory Panel may invite one or more prescribers, dispensers, and representatives from state Prescription Drug Monitoring Programs ("*PDMP*") to serve on the Dispensing Data subcommittee. Each Injunctive Relief Distributor shall have a representative on each subcommittee created by the Clearinghouse Advisory Panel.

d) The Clearinghouse Advisory Panel may delegate tasks assigned to it by the Injunctive Relief Terms to the Executive Director.

5. *Executive Director*. One employee of the vendor, or one representative from the vendor group in the event that there are multiple vendors, shall be an Executive Director who shall manage day-to-day operations and report periodically to the Clearinghouse Advisory Panel.

C. Phase 1 of the Clearinghouse: Data Collection, Initial Analytics and Reporting

1. System Development

a) Within one (1) year of the Clearinghouse Retention Date, the Clearinghouse shall develop systems to receive and analyze data obtained from the Injunctive Relief Distributors pursuant to electronic transmission formats to be agreed upon by the Clearinghouse Advisory Panel.

b) In developing such systems, the Clearinghouse shall ensure that:

(1) The systems provide robust reporting and analytic capabilities.

(2) Data obtained from Injunctive Relief Distributors shall be automatically pulled from the existing order management data platforms (e.g., SAP).

(3) The systems shall be designed to receive data from sources other than the Injunctive Relief Distributors, including pharmacies, non-Injunctive Relief Distributors, the DEA, State Boards of Pharmacy, and other relevant sources, pursuant to standardized electronic transmission formats.

(4) The systems shall be designed to protect personally identifiable information ("*PII*") and protected health information ("*PHI*") from disclosure and shall comply with HIPAA and any federal and state laws relating to the protection of PII and PHI.

(5) The Clearinghouse will establish a HIPAA-compliant database that can be accessed by state authorities, the Injunctive Relief Distributors, and any entities that subsequently participate in the Clearinghouse. The database that will be made available to the Injunctive Relief Distributors and any non-governmental entities that subsequently participate in the Clearinghouse will also blind commercially sensitive information.

(6) State authorities shall have access to the HIPAA-compliant database via web-based tools and no additional or specialized equipment or software shall be required. This access shall allow state authorities to query the HIPAA-compliant database without limitation.

(7) The Injunctive Relief Distributors shall be permitted to use data obtained from the Clearinghouse for anti-diversion purposes, including the uses expressly contemplated by the Injunctive Relief Terms. The Injunctive Relief Distributors shall not sell (or obtain license fees for) data obtained from Clearinghouse to any third-parties. Nothing in the Injunctive Relief Terms shall prohibit an Injunctive Relief Distributor from using its own data, including data provided to the Injunctive Relief Distributor by third-parties other than the Clearinghouse, for any commercial purposes, including selling or licensing its data to third-parties.

2. Aggregation of Data

a) It is the goal of the Settling States and the Injunctive Relief Distributors for the Clearinghouse to obtain comprehensive data from all distributors, pharmacies, and other relevant data sources to provide maximum permissible transparency into the distribution and dispensing of Controlled Substances. During Phase 1, the Clearinghouse Advisory Panel shall develop recommendations for ways to achieve this goal.

b) In Phase 1, the Injunctive Relief Distributors shall provide and/or facilitate the collection of, and the Clearinghouse shall collect and maintain, the following:

(1) Injunctive Relief Distributor transaction data for Controlled Substances and non-Controlled Substances, specified at the NDC, date, quantity, and customer level.

(2) Injunctive Relief Distributor information on Customers that have been terminated and/or declined onboarding due to concerns regarding Controlled Substance dispensing following the Effective Date.

c) The Clearinghouse shall make available to the Injunctive Relief Distributors, in a format to be determined by the Clearinghouse Advisory Panel, blinded data for their CSMP due diligence functions. The data will include all Controlled Substances and non-Controlled Substances and be refreshed on a regular basis. The Clearinghouse will also seek to provide non-identifying information regarding whether a single distributor is associated with multiple warehouses with unique DEA registrations (e.g., multiple distribution centers operated by a single distributor), in the data it makes available.

d) During Phase 1, the Clearinghouse Advisory Panel (with input from its Dispensing Data subcommittee) will develop an operational plan to obtain Dispensing Data directly from pharmacies, unless the Clearinghouse Advisory Panel determines it is inadvisable to do so. The operational plan developed by the Clearinghouse Advisory Panel shall address compliance with HIPAA and shall include recommendations to facilitate the collection of Dispensing Data in compliance with HIPAA and relevant state privacy laws. To the extent possible, the Clearinghouse will begin collecting Dispensing Data during Phase 1.

e) Nothing in the Injunctive Relief Terms shall require the Injunctive Relief Distributors to indemnify or otherwise be responsible to pharmacy customers for any claims resulting from the provision of Dispensing Data to the Clearinghouse, including, but not limited to, claims related to any data breaches occurring with the data transmitted to or maintained by the Clearinghouse.

3. State and Federal Reporting Requirements

a) The Injunctive Relief Distributors shall comply with state and federal transactional and Suspicious Order reporting requirements related to Controlled Substances as follows:

(1) Until such time as the Clearinghouse is able to provide transactional and Suspicious Order regulatory reporting to the states on behalf of the Injunctive Relief Distributors, the Injunctive Relief Distributors shall continue to file all required reports under state law and those reports required by these Injunctive Relief Terms.

(2) Once the Clearinghouse is able to process and submit such reports, the Clearinghouse may process and submit those reports on behalf of each Injunctive Relief Distributor to the states. At all times during Phase 1, each Injunctive Relief Distributor shall remain responsible for the identification of Suspicious Orders and will remain liable for a failure to submit transactional data or Suspicious Order reports required under state law or these Injunctive Relief Terms.

(3) An Injunctive Relief Distributor may elect to fulfill its reporting obligations directly, rather than have the Clearinghouse assume the responsibility for the transmission of the various reports.

4. Additional Reports and Analytics

a) In consultation with the Clearinghouse Advisory Panel, the Clearinghouse shall work to develop additional reports and analyses to assist the Settling States and the Injunctive Relief Distributors in addressing Controlled Substance diversion, including, but not limited to, identifying Red Flags consistent with Section VIII.

b) The Clearinghouse will generate analyses and reports to be used by the Settling States and the Injunctive Relief Distributors based on format and content recommended by the Clearinghouse Advisory Panel. In order to refine the format and reach final recommendations, the Clearinghouse shall prepare sample analytical reports for a sample geographic region to review with the Clearinghouse Advisory Panel. The sample reports will also be shared with the DEA in an effort to receive additional feedback.

c) After the content and format of the sample reports have been approved by the Clearinghouse Advisory Panel, the Clearinghouse will begin producing reports on a periodic basis.

d) The Clearinghouse will develop capabilities to provide Settling States customized reports upon reasonable request to assist in their efforts to combat the diversion of Controlled Substances and for other public health and regulatory purposes.

e) After the Clearinghouse has obtained sufficient Dispensing Data from Customers, the Clearinghouse shall commence providing standard reports to the Settling States and Injunctive Relief Distributors that will include summaries and analysis of Dispensing Data. The reports and analytics of Dispensing Data

shall be developed in consultation with the Clearinghouse Advisory Panel (including its Dispensing Data subcommittee) and shall include, but not be limited to:

(1) Identification of Customers whose dispensing may indicate Red Flags consistent with Section VIII, as determined by the Clearinghouse from aggregate data; and

(2) Identification of Customers whose aggregate dispensing volumes for Highly Diverted Controlled Substances are disproportionately high relative to the population of the relevant geographic area.

f) The Clearinghouse shall also prepare reports and analyses for the Settling States and Injunctive Relief Distributors identifying prescribers whose prescribing behavior suggests they may not be engaged in the legitimate practice of medicine. Such reports and analysis shall be developed in consultation with the Clearinghouse Advisory Panel (including its Dispensing Data subcommittee) and shall seek to identify and evaluate:

(1) Prescribers who routinely prescribe large volumes of Highly Diverted Controlled Substances relative to other prescribers with similar specialties, including health care professionals who prescribe a large number of prescriptions for high dosage amounts of Highly Diverted Controlled Substances;

(2) Prescribers whose prescriptions for Highly Diverted Controlled Substances are routinely and disproportionately filled in a geographic area that is unusual based on the prescriber's location; and

(3) Prescribers who routinely prescribe out-of-specialty or out-of-practice area without legitimate reason.

g) Reports or analysis generated by the Clearinghouse may not be based on complete data due to a lack of participation by non-Injunctive Relief Distributors and pharmacies. As such, Injunctive Relief Distributors shall not be held responsible for actions or inactions related to reports and analysis prepared by the Clearinghouse which may be based on incomplete data due to a lack of participation by non-Injunctive Relief Distributors and pharmacies.

D. Phase 2 of the Clearinghouse: Additional Data Collection and Analytics and Assumption of CSMP Functions

Within one (1) year of Phase 1 of the Clearinghouse being operational, the Clearinghouse and the Clearinghouse Advisory Panel shall develop a detailed strategic and implementation plan for Phase 2 of the Clearinghouse ("*Phase 2 Planning Report*"). Phase 2 will consist of two parts. Phase 2-A will focus on increasing data collection from non-Injunctive Relief Distributors, pharmacies and other data sources and developing enhanced analytics based on the experiences gained from Phase 1. Phase 2-A will also include recommendations for the development of uniform federal and state reporting. Phase 2-B will involve the potential assumption of various CSMP activities, including Threshold setting and order management by the Clearinghouse. The Phase 2 Planning Report will address both Phase 2-A and Phase 2-B. After the completion of the Phase 2 Planning Report, individual Injunctive Relief Distributors, in their sole discretion, may elect not to proceed with Phase 2-B as provided by Section XVII.E. If one or more Injunctive Relief Distributors elect to proceed with Phase 2-B, the goal will be to have Phase 2-B fully operational within two (2) years of the Clearinghouse Retention Date and no later than three (3) years of the Clearinghouse Retention Date.

1. Phase 2-A: Additional Data Collection and Analytics

    a) During Phase 2-A, the Clearinghouse will continue the functions defined in Phase 1 and work to expand the scope of its data collection and enhance its analytics and reporting capabilities including the following:

        (1) Integration of data from additional sources, including:

            (a) Transaction data from other distributors, including manufacturers that distribute directly to retail pharmacies and pharmacies that self-warehouse; and

            (b) Where possible, state PDMP data and other data, including, but not limited to, State Board of Medicine and Board of Pharmacy sanctions, and agreed-upon industry data. If state PDMP data is effectively duplicative of Dispensing Data already obtained in Phase 1, it will not be necessary for the Clearinghouse to obtain state PDMP data.

        (2) Development of additional metrics analyzing the data available from the additional data sources (PDMP, other pharmacy data, sanction authorities, and third-party volume projections).

(3) Development of real-time or near real-time access to distribution data, dispensing data and other data sources.

(4) Refinement of methodologies for analyzing Dispensing Data to identify suspicious prescribers.

(5) Development of additional capabilities to provide Settling States, the Injunctive Relief Distributors and potentially the DEA customized reporting from the Clearinghouse upon reasonable request.

2. Phase 2-A: Uniform Required Reporting

a) The Clearinghouse and the Clearinghouse Advisory Panel shall develop uniform reporting recommendations for potential implementation by state regulators in order to allow the Injunctive Relief Distributors to satisfy their obligations under the Injunctive Relief Terms and state and federal laws in a uniform and consistent manner.

b) It is a goal of the Settling States and the Injunctive Relief Distributors to:

(1) Streamline and simplify required reporting which will benefit the Injunctive Relief Distributors and the Settling States, as well as the DEA;

(2) Develop uniform transactional and Suspicious Order reporting requirements; and

(3) Provide for the submission of uniform Suspicious Order reports.

3. Phase 2-B: Clearinghouse Assumption of CSMP Functions

a) With respect to Phase 2-B, the Phase 2 Planning Report shall address:

(1) Engagement with stakeholders, including the DEA, to develop the system of Threshold setting and Suspicious Order reporting to potentially be provided by the Clearinghouse;

(2) Development of technology and rules, including any proposed changes to federal law or regulations;

(3) Development of models for the identification of Suspicious Orders and setting universal Thresholds in a manner

consistent with Section XII. These models shall include active order management and order fulfillment protocols to ensure that orders are compared to relevant Thresholds by the Clearinghouse before shipment instructions are provided by the Clearinghouse to the Injunctive Relief Distributors. The models shall also include the identification of Suspicious Orders when they are placed by Customers, which will be held before shipment or blocked based on instructions provided by the Clearinghouse to the Injunctive Relief Distributors.

(4) Development of criteria governing distribution to Customers that have placed one or more Orders that exceed a Threshold;

(5) Development of rules for allocating Orders placed by Customers that have more than one Distributor if one or more Orders exceed a Threshold;

(6) Development of a pilot project for a sample geographic region to perform data analysis to test the models for Threshold setting and the identification of Suspicious Orders.

b) Following implementation of Phase 2-B, the Injunctive Relief Distributors participating in Phase 2-B and the State Compliance Review Committee shall meet and confer with respect to whether to expand the scope of the Clearinghouse to cover additional anti-diversion functions, such as the performance of due diligence.

c) CSMP functions that have been assumed by the Clearinghouse during Phase 2-B will no longer be performed by participating Injunctive Relief Distributors individually through their CSMPs. CSMP functions performed by the Clearinghouse will assist participating Injunctive Relief Distributors to satisfy the applicable legal obligations of those Injunctive Relief Distributors. The Clearinghouse's performance of CSMP functions will not relieve participating Injunctive Relief Distributors from their legal obligations unless (i) the Injunctive Relief Distributors and the State Compliance Review Committee jointly enter into a written agreement for the Clearinghouse to assume legal requirements during Phase 2-B; and (ii) all vendors and consultants working on the Clearinghouse agree in writing to assume such obligations. Nothing in this paragraph shall apply to any Injunctive Relief Distributor that does not participate in Phase 2-B pursuant to Section XVII.E.

E. Option to Opt Out of Phase 2-B

1. Each Injunctive Relief Distributor shall have the option, in its sole discretion, to elect not to participate in Phase 2-B at any point. In the event that an Injunctive Relief Distributor elects not to participate in Phase 2-B, that Injunctive Relief Distributor shall cease to have any obligation to fund future costs directly related to Phase 2-B of the Clearinghouse or to implement the Clearinghouse's determinations as to identification of Suspicious Orders and Suspicious Order reporting. If an Injunctive Relief Distributor elects not to participate in Phase 2-B, that Injunctive Relief Distributor shall remain responsible for the requirements specified for Phase 1 and Phase 2-A of the Clearinghouse and shall be responsible for contributing to the costs associated with Phase 1 and Phase 2-A.

2. In the event that an Injunctive Relief Distributor elects not to participate in Phase 2-B, the Clearinghouse Advisory Panel shall discuss and make recommendations for any necessary adjustments to the Phase 2-B capabilities described in Section XVII.D.3.

F. Funding

1. The establishment and ongoing operations of the Clearinghouse shall be funded by the Injunctive Relief Distributors for a period of ten (10) years commencing on the Clearinghouse Retention Date.

2. For each of the first two (2) years of the operation of the Clearinghouse, the Injunctive Relief Distributors will make total payments of $7.5 million per year combined. For years three (3) through ten (10), the Injunctive Relief Distributors will make total payments of $3 million per year combined. Additional costs associated with Phase 2-B shall be billed to the Injunctive Relief Distributors participating in Phase 2-B.

3. Payments by the Injunctive Relief Distributors for the Clearinghouse shall be allocated among the Injunctive Relief Distributors as set forth in Section IV.H of the Settlement Agreement, dated as of July 21, 2021, which incorporates these Injunctive Relief Terms as Exhibit P.

4. In the event that the cost of the Clearinghouse exceeds the amounts provided by the Injunctive Relief Distributors, the Injunctive Relief Distributors and State Compliance Review Committee shall meet-and-confer on alternatives, which may include:

    a) Limiting the operations of the Clearinghouse consistent with a revised budget;

    b) Seeking additional sources of funding for the Clearinghouse; and/or

c) Allocating, in a manner consistent with the allocation of payments between the Injunctive Relief Distributors as set forth in Section XVII.F.3, additional amounts that are the responsibility of the Injunctive Relief Distributors to be used for the operation of the Clearinghouse.

5. The Injunctive Relief Distributors and the State Compliance Review Committee agree to engage in good faith discussions regarding potential continued operation and funding of the Clearinghouse following the initial ten (10) year period of Clearinghouse operations.

6. The Injunctive Relief Distributors and the State Compliance Review Committee shall develop a means to obtain payments from other parties that may use or benefit from the Clearinghouse, including, but not limited to, other settling defendants, non-Injunctive Relief Distributors, or other parties and the Clearinghouse Advisory Panel shall consider other funding sources for the Clearinghouse. This may include consideration of a user fee or other model by which non-Injunctive Relief Distributors that use the Clearinghouse will contribute to funding the Clearinghouse.

7. In the event that ten (10) or more Settling States reach agreements with any national retail chain pharmacies to resolve claims related to the distribution of Controlled Substances, the Settling States' Attorneys' General agree to make participation in the Clearinghouse, including providing data to the Clearinghouse and contribution to the cost of the operation of the Clearinghouse, a condition of any settlement. The Settling States' Attorneys' General agree to make best efforts to ensure that any other settling distributors and/or pharmacies participate in the Clearinghouse. To the extent that the Attorneys General are able to secure participation by additional distributors and/or pharmacies, it is anticipated that, to the extent practicable based on the financial and relative size of the settling distributor and/or pharmacy, those entities will contribute to the cost of the operation of the Clearinghouse. The Injunctive Relief Distributors' obligation to fund the Clearinghouse shall be partially reduced by contributions obtained from other distributors and/or pharmacies pursuant to a formula to be determined by the Clearinghouse Advisory Panel.

G. Confidentiality

1. All data provided to the Clearinghouse shall be confidential.

2. Information provided by distributors participating in the Clearinghouse may not be provided to any other entity or individual outside those expressly contemplated by the Injunctive Relief Terms.

3. The Clearinghouse may not provide to any distributor information specific to another distributor. Notwithstanding the prior sentence, the Clearinghouse may provide blinded data to a distributor reflecting total Orders (across all distributors) for a particular Customer, region, and/or state at the base code and NDC number level and all transactional data information. Such information may only be used by receiving distributors for purposes of identifying, minimizing, or otherwise addressing the risk of Controlled Substances diversion. No distributor or pharmacy, including the Injunctive Relief Distributors, shall attempt to obtain revenue from this information. Such information provided by the Clearinghouse shall be compliant with all applicable laws and regulations.

4. If the Clearinghouse receives a request for disclosure of any data, material or other information created or shared under the Injunctive Relief Terms, pursuant to a Third Party Request, the Clearinghouse shall notify the Injunctive Relief Distributors and the Clearinghouse Advisory Panel of the Third Party Request and any confidential information to be disclosed so that the Injunctive Relief Distributors may seek a protective order or otherwise challenge or object to the disclosure. The Clearinghouse shall provide the Injunctive Relief Distributors and the Clearinghouse Advisory Panel with at least ten (10) days' advance notice before complying with any Third Party Request for confidential information, except where state law requires a lesser period of advance notice.

H. Data Integrity

1. The Clearinghouse shall use best-in-class technology to preserve the integrity of the data.

2. The Clearinghouse shall report any data breaches under HIPAA and state law that occur as a result of any of its data collection and reporting activities to the Settling States and other authorities as required by law.

3. The Injunctive Relief Distributors and the Settling States shall not be liable for any breaches of any databases maintained by the Clearinghouse. This does not excuse the Clearinghouse or its vendor(s) from compliance with all state and federal laws and regulations governing (1) the protection of personal information and protected health information, or (2) notifications relating to Data Security Events.

I. Credit for Investment in the Clearinghouse

1. The Injunctive Relief Distributors and the State Compliance Review Committee shall negotiate in good faith regarding a potential credit against Injunctive Relief Distributors' overall settlement obligations if costs exceed the amounts specified in Section XVII.F.

XVIII. MONITOR

A. Monitor Selection and Engagement

1. The Injunctive Relief Distributors shall engage a Monitor to perform the reviews described in Section XVIII.F. The Monitor shall employ or retain personnel who have appropriate qualifications related to the pharmaceutical industry and the laws governing the distribution of pharmaceuticals, the distribution of Controlled Substances, and the applicable requirements of federal and state law. The Monitor may also employ or retain personnel who have appropriate qualifications in the audit and review of sample documents in order to conduct the reviews described in Section XVIII.F. To the extent additional expertise is required for the engagement, the Monitor may retain the services of third-party consultants.

2. The Monitor must perform each review described in Section XVIII.F in a professionally independent and objective fashion, as defined in the most recent Government Auditing Standards issued by the United States Government Accountability Office. A Monitor shall not be engaged in active litigation involving one or more of the Injunctive Relief Distributors or Settling States or present a potential conflict of interest involving matters concerning an Injunctive Relief Distributor, except by agreement of the affected parties. If the Monitor is employed by an entity that performed work for any Injunctive Relief Distributor or any of the Settling States prior to the Effective Date, the Monitor will cause to be implemented appropriate ethical walls between the Monitor team and the employees of the firm who have previously performed work for an Injunctive Relief Distributor or any of the Settling States.

3. The process for selecting the Monitor shall be as follows:

   a) Within sixty (60) calendar days of the Effective Date, the Injunctive Relief Distributors and the State Compliance Review Committee shall exchange pools of recommended candidates to serve as the Monitor. The pools shall each contain the names of three (3) individuals, groups of individuals, or firms.

   b) After receiving the pools of Monitor candidates, the Injunctive Relief Distributors and the State Compliance Review Committee shall have the right to meet with the candidates and conduct appropriate interviews of the personnel who are expected to work on the project. The Injunctive Relief Distributors (individually or in combination) and the State Compliance Review Committee may veto any of the candidates, and must do so in writing within thirty (30) days of receiving the pool of candidates. If all three (3) candidates within a pool are rejected by either the Injunctive Relief

Distributors or the State Compliance Review Committee, the party who rejected the three (3) candidates may direct the other party to provide up to three (3) additional qualified candidates within thirty (30) calendar days of receipt of said notice.

c) If the Injunctive Relief Distributors or the State Compliance Review Committee do not object to a proposed candidate, the Injunctive Relief Distributors or the State Compliance Review Committee shall so notify the other in writing within thirty (30) days of receiving the pool of candidates. If more than one candidate remains, the State Compliance Review Committee shall select the Monitor from the remaining candidates. Within thirty (30) calendar days of the selection of the Monitor, the Injunctive Relief Distributors shall retain the Monitor, and finalize all terms of engagement, supplying a copy of an engagement letter to the State Compliance Review Committee. The terms of engagement shall include a process by which Injunctive Relief Distributors may challenge Monitor costs as excessive, duplicative or unnecessary, which process must be approved by the State Compliance Review Committee.

4. The Injunctive Relief Distributors shall be responsible for the Monitor's fees and costs directly related to its performance of the work specified by the Injunctive Relief Terms up to a limit of $1,000,000 per year per Injunctive Relief Distributor (*i.e.*, a total of $3,000,000 per year).

5. Prior to each year, the Monitor shall submit a combined annual budget to the Injunctive Relief Distributors and State Compliance Review Committee that shall not exceed a total of $3,000,000. The Monitor shall submit quarterly reports to the Injunctive Relief Distributors and the State Compliance Review Committee tracking actual spend to the annual budget.

6. In the event that any of the Injunctive Relief Distributors or State Compliance Review Committee believe that the Monitor is not performing its duties and responsibilities under the Injunctive Relief Terms in a reasonably cost effective manner, an Injunctive Relief Distributor or the State Compliance Review Committee shall recommend in writing changes to the Monitor's practices to reduce cost. The Monitor, Injunctive Relief Distributors, and the State Compliance Review Committee shall meet and confer in good faith in response to such a recommendation.

7. In the event that the Injunctive Relief Distributor and the State Compliance Review Committee cannot agree on whether the recommended cost reductions are warranted, either the State Compliance Review Committee or the Injunctive Relief Distributors may submit the question to the National Arbitration Panel, who shall determine whether

the Monitor is performing its duties and responsibilities under the Injunctive Relief Terms in a reasonably cost effective manner, and, if not, the necessary changes to the Monitor's practices to reduce cost.

8. If the National Arbitration Panel determines that the Monitor cannot complete the reviews described in Section XVIII.F within the combined annual budget of $3,000,000, the National Arbitration Panel shall require the Monitor to provide the Injunctive Relief Distributors and the State Compliance Review Committee with a written report explaining why it is not possible to complete the reviews within budget and all steps the Monitor has taken to perform its duties and responsibilities under the Injunctive Relief Terms in a reasonably cost effective manner. After receiving the Monitor's report, the Injunctive Relief Distributors, and the State Compliance Review Committee shall meet and confer in good faith to determine whether an increase in the combined budget is appropriate. If the Injunctive Relief Distributors and the State Compliance Review Committee cannot reach an agreement on the amount of the reasonable costs in excess of $3,000,000 for the relevant year, the issue will be submitted to the National Arbitration Panel for resolution. The National Arbitration Panel may award additional costs up to total cap of $5,000,000 for the relevant year ($3,000,000 plus an additional $2,000,000).

9. Unless the Injunctive Relief Distributors and the State Compliance Review Committee agree otherwise as part of the meet and confer process in the prior paragraph (such as by agreeing to limit the Monitor's duties and responsibilities for the remainder of the year), the amount above $3,000,000 and up to the total cap of $5,000,000 in a given year necessary for the Monitor to complete the reviews described in Section XVIII.F shall be divided evenly among the Injunctive Relief Distributors without reducing any other amounts that are the responsibility of the Injunctive Relief Distributors.

B. Early Termination of the Monitor

1. In the event any of the Injunctive Relief Distributors or State Compliance Review Committee believe that the Monitor is not performing its duties and responsibilities under the Injunctive Relief Terms in a reasonably professional, competent and independent manner, an Injunctive Relief Distributor or the State Compliance Review Committee shall recommend replacement of the Monitor in writing. The Injunctive Relief Distributors and the State Compliance Review Committee shall meet and confer in good faith in response to a recommendation to replace the Monitor. If the State Compliance Review Committee and the Injunctive Relief Distributors agree that the Monitor should be replaced, a replacement Monitor will be selected in the manner set forth in Section XVIII.A.3.

2. In the event the Injunctive Relief Distributor and the State Compliance Review Committee cannot agree on whether the Monitor should be replaced, either the State Compliance Review Committee or the Injunctive Relief Distributors may submit the question of the Monitor's dismissal to the National Arbitration Panel, and the Monitor shall only be dismissed if that panel finds that there is Good Cause for dismissal. Good Cause for dismissal shall mean (a) a material and substantial breach of the terms of the Monitor's obligations under the Injunctive Relief Terms; (b) any act of dishonesty, misappropriation, embezzlement, intentional fraud, or similar conduct by the Monitor; (c) any clear pattern of bias or prejudice in favor or against any party by the Monitor; (d) conduct by the Monitor that demonstrates unfitness to fulfill the functions of the Monitor reasonably and competently; or (e) conflicts of interest described in Section XVIII.A.2. If the panel finds that the Monitor should be dismissed, a replacement Monitor will be selected in the manner set forth in Section XVIII.A.3.

3. In addition, if the Monitor resigns for any reason, a replacement Monitor will be selected in the manner set forth in Section XVIII.A.3.

C. Term and Reporting Periods

1. The term of the Monitor will be five (5) years from the date the Monitor is appointed, divided into one-year periods for purposes of the reviews and reporting described in Section XVIII ("*Reporting Periods*").

D. Monitor Access to Information

1. In connection with its reviews set forth in Section XVIII.F, the Monitor may request to interview employees with appropriate authority and responsibilities as necessary. In the event that an Injunctive Relief Distributor believes that the Monitor is requesting an unreasonable number of interviews or requesting interviews of employees who do not have relevant information to the reviews required by Section XVIII.F, the Injunctive Relief Distributor and State Compliance Review Committee shall meet and confer in good faith to resolve this issue.

2. The Chief Diversion Control Officer of each Injunctive Relief Distributor or a direct report of the Chief Diversion Control Officer shall serve as the primary point of contact for the Monitor to facilitate the Monitor's access to documents, materials, or staff necessary to conduct the reviews specified in Section XVIII.F. The Monitor shall communicate any request for documents, materials, or access to staff to the Chief Diversion Control Officers or their designees.

3. If at any time the Monitor believes there is undue delay, resistance, interference, limitation, or denial of access to any records or to any

employee or former employee deemed necessary by the Monitor to conduct the reviews specified in Section XVIII.F, the Monitor shall notify the Chief Diversion Control Officer of the Injunctive Relief Distributor and they shall meet and confer to resolve such issue. If the Monitor believes that the matter was not resolved, the Monitor shall immediately report the issue to the State Compliance Review Committee.

4. To the extent any of the documents requested by the Monitor contain material protected from disclosure by any legal privilege, including the attorney-client privilege or attorney work product protections, an Injunctive Relief Distributor may redact such material before providing the documents to the Monitor, but must provide the Monitor with a privilege log describing the redacted information and identifying the basis for redaction.

5. Notwithstanding any other information referenced and produced pursuant to Section XVIII, the Monitor shall have access to, and each Injunctive Relief Distributor's Chief Diversion Control Officer shall produce to the Monitor, any settlement agreements with government entities entered into after the Effective Date specifically concerning the requirements contained in the Injunctive Relief Terms and an Injunctive Relief Distributor's distribution of Controlled Substances (as opposed to distribution of pharmaceutical products in general).

E. Settling States' Access to Monitor

1. Other than in connection with the initiation of a Notice of Potential Violation set forth in Section XIX.B.2, should the Monitor believe it needs to initiate communication with the State Compliance Review Committee regarding an Injunctive Relief Distributor's compliance with the Injunctive Relief Terms, the Monitor's communications should include the Chief Diversion Control Officer or counsel of the affected Injunctive Relief Distributor, regardless of the form of communication.

2. The State Compliance Review Committee shall have access to any settlement agreements produced to the Monitor pursuant to Section XVIII.D.5.

F. Reviews to be Conducted by the Monitor

1. There shall be two (2) types of reviews to be conducted by the Monitor:

a) Customer-specific reviews, as set forth in Section XVIII.F.2; and

b) System reviews, as set forth in Section XVIII.F.3.

2. Customer-Specific Reviews

a) The following Customer-specific reviews will be conducted by the Monitor for each Injunctive Relief Distributor for each of the Reporting Periods:

(1) Threshold Change Request Review ("*TCR Review*");

(2) Onboarding New Customer Review ("*Onboarding Review*");

(3) Ongoing Due Diligence Review ("*Ongoing Diligence Review*");

(4) Customer Termination Review ("*Termination Review*"); and

(5) Orders that Exceed Thresholds but are Shipped Review ("*Exceeded Threshold Review*").

b) Sample selection and audit periods for TCR Reviews, Onboarding Reviews, Ongoing Diligence Reviews, Termination Reviews, and Exceeded Threshold Reviews:

(1) For each Reporting Period, the Monitor will review a representative sample of files for the performance of the TCR Reviews, Onboarding Reviews, and Ongoing Diligence Reviews. The Monitor shall select a sample representative of various geographic regions, customer types (Independent Retail Pharmacy Customers or Chain Customer), and distribution centers.

(2) The Monitor will meet and confer with each of the Injunctive Relief Distributors to determine the appropriate audit period within each Reporting Period from which the samples will be selected (e.g. samples will be selected from the first six (6) months of a reporting period to allow the Monitor time to perform its review during the remainder of the reporting period).

(3) Within thirty (30) calendar days following the close of the agreed-upon audit period, the Injunctive Relief Distributors (or the Clearinghouse once operational, if able to do so) will provide the Monitor with the following lists of relevant Customers for each type of review:

(a) A list of all Customers that requested at least one Threshold increase for a Highly Diverted Controlled

Substance during the relevant audit period, including the number of such requests by each Customer;

(b) A list of all Customers that were onboarded during the relevant audit period and, during that period, ordered and received Highly Diverted Controlled Substances;

(c) A list of all Customers that were the subject of an Ongoing Diligence Review during the relevant audit period;

(d) A list of all Customers that, for reasons related to Controlled Substance regulatory compliance, were terminated during the relevant audit period; and

(e) A list of all Orders for Highly Diverted Controlled Substances where a decision was made to ship the Order even though the order exceeded the otherwise applicable Threshold, with number of such shipped orders.

(4) Within fifteen (15) calendar days of compiling this Customer information for sample selection, each Injunctive Relief Distributor shall propose a reasonable number of customer files for each review to the Monitor.

(5) Within fifteen (15) calendar days of receiving the lists specified above from the Injunctive Relief Distributors, the Monitor shall choose representative files to be reviewed from these lists. Each list will include the Customers' zip code, geographic region, distribution center, and customer type (Independent Retail Pharmacy Customer or Chain Customer).

c) TCR Reviews

(1) For each Reporting Period, the Monitor shall conduct a TCR Review for a sample review of Customers who requested at least one Threshold increase for Highly Diverted Controlled Substances for each Injunctive Relief Distributor. For the TCR Reviews, the Monitor shall review the information contained in the files of the sample Customers and determine whether the information reflects substantial compliance with the requirements of Section XII.C.3.

d) Onboarding Reviews

(1) For each Reporting Period, the Monitor shall conduct an Onboarding Review of a sample of Customers that were onboarded during the applicable audit period and, during that period, ordered and received Highly Diverted Controlled Substances from the Injunctive Relief Distributor. For the Onboarding Reviews, the Monitor shall review the information contained in the files of the sample Customers and determine whether the information reflects substantial compliance with the requirements of Section IX.

e) Ongoing Diligence Reviews

(1) For each Reporting Period, the Monitor shall conduct an Ongoing Diligence Review of a sample of Customers for each Injunctive Relief Distributor that was the subject of an Ongoing Diligence Review during the relevant audit period. For the Ongoing Diligence Reviews, the Monitor shall review the information contained in the files of the sample of Customers and determine whether the information reflects substantial compliance with the requirements of Section X.

f) Termination Reviews

(1) For each Reporting Period, the Monitor shall conduct a review of a sample of Customers that were terminated by each Injunctive Relief Distributor during the audit period. For the Termination Reviews, the Monitor shall review the information contained in the files of the sample of Customers and determine whether the information reflects substantial compliance with the requirements of Section XIV.

g) Exceeded Threshold Review

(1) For each Reporting Period, the Monitor shall conduct a review of a sample of Orders for Highly Diverted Controlled Substances where a decision was made by the Injunctive Relief Distributor to ship the Order even though the Order exceeded the applicable Threshold. For the Exceeded Threshold Reviews, the Monitor shall review the information contained in the Customer files related to the Orders and determine whether the information reflects substantial compliance with the requirements of Section XIII.B.

3. Annual System Reviews:

a) The following system reviews will be conducted by the Monitor for each Injunctive Relief Distributor for each of the Reporting Periods:

(1) CSMP Review;

(2) Threshold Setting Process Review;

(3) Suspicious Orders and Suspicious Order Report Review;

(4) Compensation Review;

(5) Red Flag Review; and

(6) Review of CSMP Integration with Clearinghouse.

b) CSMP Review

(1) For each Reporting Period, the Monitor shall conduct a review of the following materials from each Injunctive Relief Distributor:

(a) Current CSMP policies and procedures;

(b) Organizational charts for the departments that are relevant to the CSMP organization;

(c) Logs and/or summaries of any reports received on the "hot line" required by Section V.E and the action or response of an Injunctive Relief Distributor to any such reports;

(d) Copies of the quarterly reports provided by the Chief Diversion Control Officer to the CSMP Committee as required by Section IV.C;

(e) Copies of the quarterly reports provided by the CSMP Committee to senior management and the Board of Directors as required by Section VI.C; and

(f) Copies of the materials used for the training required by Section VII and lists of the attendees of the training.

c) Threshold Setting Process Review:

(1) For each Reporting Period, each Injunctive Relief Distributor or its outside consultants shall prepare a summary report describing how its Threshold-setting methodology for Independent Retail Pharmacy Customers and Chain Customers complies with Section XII (the "*Annual Threshold Analysis and Assessment Report*").

(2) For each Reporting Period, the Monitor shall review the Annual Threshold Analysis and Assessment Report, determine whether the information reflects substantial compliance with the requirements of Section XII, and include any Observations and Recommendations, as defined in Section XVIII.G, in its annual Audit Report.

d) Suspicious Orders and Suspicious Order Reporting Review:

(1) For each Reporting Period, each Injunctive Relief Distributors will provide the Monitor with a report containing summary metrics for the Suspicious Orders that were reported to the DEA and the Settling States (the "*Suspicious Order Metrics Report*"). In the Suspicious Order Metrics Report, the Injunctive Relief Distributors will also provide summary metrics for Orders of Highly Diverted Controlled Substances that exceeded a Threshold but were still shipped.

(2) For each Reporting Period, the Monitor shall review the Suspicious Order Metrics Report, determine whether the information reflects substantial compliance with the requirements of Section XIII, and include any Observations and Recommendations in its annual Audit Report.

e) Compensation Reviews:

(1) For each Reporting Period, the Monitor will review compensation-related policy documents for each Injunctive Relief Distributor for sales personnel. The Monitor shall analyze those documents and determine whether the compensation policies of each Injunctive Relief Distributor comply with the requirements contained in Section V.

f) Red Flags Review:

(1) For each Reporting Period, the Monitor shall review the Red Flags defined in Section VIII and their incorporation into each Injunctive Relief Distributor's policies and

procedures. The Monitor shall determine whether the information reflects substantial compliance with the requirements of Section VIII and include any Observations and Recommendations, as called for by Section VIII.C, about those definitions in its annual Audit Report.

g) Review of CSMP Integration with the Clearinghouse:

(1) For each Reporting Period, each Injunctive Relief Distributor shall prepare a report summarizing the status of the Injunctive Relief Distributor's CSMP integration with the operation of the Clearinghouse ("*Clearinghouse Integration Report*"). The Monitor shall review each Injunctive Relief Distributor's Clearinghouse Integration Report, determine whether the information reflects substantial compliance with the requirements of Section XVII, and include any Observations and Recommendations in its annual Audit Report.

G. Observations and Recommendations:

1. If the Monitor notes any areas for potential improvement during the course of the reviews conducted pursuant to the Injunctive Relief Terms, the Monitor shall include any such recommendations in the Audit Report. Collectively, any such questions, concerns or recommendations will be referred to as "*Observations and Recommendations*."

H. Audit Reports:

1. No later than one hundred and twenty (120) calendar days prior to the end of a Reporting Period and/or at any other time deemed reasonably necessary by the Monitor, the Monitor shall provide each Injunctive Relief Distributor with a draft report detailing any instances of substantial non-compliance with the applicable provisions of the Injunctive Relief Terms from the reviews in Section XVIII.F (the "*Draft Report*"). The Draft Report will also describe any Observations and Recommendations.

2. Within thirty (30) calendar days of its receipt of the Draft Report, the Injunctive Relief Distributor will provide comments and responses to the Draft Report. The Injunctive Relief Distributor will, among other things:

a) Respond to each instance of substantial non-compliance, including, where appropriate, describing any corrective action taken (or to be taken).

b) Respond to each Observation and Recommendation.

3. Within thirty (30) calendar days of its receipt of the Injunctive Relief Distributors' responses to the Draft Report, the Monitor shall provide a final report (the "*Audit Report*") to each Injunctive Relief Distributor and the State Compliance Review Committee. The Monitor shall provide the State Compliance Review Committee with a copy of an Injunctive Relief Distributor's response to the Draft Report.

4. No action or lack of action by the Settling States regarding information received from the Monitor concerning an Injunctive Relief Distributor's conduct shall be considered affirmation, acceptance, or ratification of that conduct by the Settling States.

I. Confidentiality:

1. Materials and information provided by the Injunctive Relief Distributors to the Monitor that are designated "*Confidential*" (and any parts, portions, or derivations thereof) (the "*Confidential Information*") will be kept confidential and not be shown, disclosed, or distributed to any other party, including any other Injunctive Relief Distributor.

2. The Monitor will not use materials or information received from one Injunctive Relief Distributor, or information or analysis developed using the Confidential Information of an Injunctive Relief Distributor, in its assessment of any other Injunctive Relief Distributor. Because each Injunctive Relief Distributor operates pursuant to its own unique policies and procedures intended to comply with legal and other requirements of the Injunctive Relief Terms, the Monitor shall apply the standards of each Injunctive Relief Distributor to its reviews without preference to the practices or standards applied by any other Injunctive Relief Distributor.

3. If any of the Settling States or the Monitor receive a request for disclosure of any material or information created or shared under the Injunctive Relief Terms, pursuant to a Third Party Request, the Settling State or the Monitor, respectively, shall notify the Injunctive Relief Distributors of the Third Party Request and the Confidential Information to be disclosed so that the Injunctive Relief Distributors may seek a protective order or otherwise challenge or object to the disclosure. The Settling State or the Monitor will provide the Injunctive Relief Distributors with at least ten (10) days' advance notice before complying with any Third Party Request for Confidential Information, except where state law requires a lesser period of advance notice.

4. Nothing herein will be deemed to prevent any party from claiming any applicable exemption to the public information act, freedom of information act, public records act, or similar law.

XIX. ENFORCEMENT OF INJUNCTIVE RELIEF TERMS

A. State Compliance Review Committee:

1. Any Settling State may initiate a review of a Potential Violation consistent with the process set forth in Section XIX.

2. The State Compliance Review Committee shall assign the Monitor the responsibilities set forth in Sections XIX.B.3 through XIX.B.7, regarding review of a Potential Violation and an opportunity to cure, except with respect to matters requiring interpretation of the Injunctive Relief Terms subject to Section XIX.C.2. The objective of the Monitor shall be to facilitate a resolution among the parties, providing an opportunity to cure, as applicable, for the party against whom a Potential Violation has been alleged.

3. No less than six (6) months before the Monitor's term expires pursuant to Section XVIII, the State Compliance Review Committee and Injunctive Relief Distributors shall meet and confer in good faith to determine the parameters and processes for continued enforcement, consistent to the maximum extent possible with the provisions set forth in Section XIX, for the period after the Monitor's term has ended. Absent agreement between the State Compliance Review Committee and Injunctive Relief Distributors, all provisions set forth in Section XIX involving the Monitor are excused after the Monitor's term has ended.

4. Should an Injunctive Relief Distributor allege in good faith that a Settling State or the Monitor has impaired the ability of the Injunctive Relief Distributor to meet the Injunctive Relief Terms, the Injunctive Relief Distributor may request the State Compliance Review Committee to mediate any dispute in an effort to avoid the time and expense of litigation regarding interpretation and enforcement of the Injunctive Relief Terms.

B. Process for Review of Potential Violations and Opportunity to Cure:

1. Definition of "Potential Violation": A Potential Violation occurs when an Injunctive Relief Distributor is alleged to not be in substantial compliance with (i) the Injunctive Relief Terms or (ii) a Corrective Action Plan adopted consistent with the process set forth in Section XIX.B.7.

2. Submission of Notice of Potential Violation. An allegation of a Potential Violation shall be submitted to the State Compliance Review Committee in writing by one or more Settling States ("*Notice of Potential Violation*" or "*Notice*") and shall include the following to the extent practicable:

a) Specification of the particular Injunctive Relief Term(s) and/or Corrective Action Plan(s) implicated by the Potential Violation;

b) Description of the Potential Violation with specificity;

c) The reasoning for and, if available, any documentation supporting the allegation that a Potential Violation has occurred, including whether the Potential Violation is a matter identified by the Monitor in an Audit Report; and

d) Description of the time-sensitivity of the Potential Violation, if relevant.

3. Assignment to Monitor. The State Compliance Review Committee shall review every Notice. If the State Compliance Review Committee reasonably believes that further review is warranted, the State Compliance Review Committee shall forward the Notice to the Monitor. The Monitor shall ensure that the Injunctive Relief Distributor that is the subject of the Notice receives a copy of the Notice and a proposed schedule consistent with the process set forth in Sections XIX.B.4 and XIX.B.5.

4. Response to Notice of Potential Violation. Within thirty (30) days of receipt of the Notice of Potential Violation, the Injunctive Relief Distributor that is the subject of the Notice shall provide a written response to the referring Settling State(s), the Monitor, and the State Compliance Review Committee. The response (a) shall set forth the reasons the Injunctive Relief Distributor that is the subject of the Notice believes that it is in substantial compliance with the relevant Injunctive Relief Term(s) and/or Corrective Action Plan(s), and (b) as applicable, shall explain efforts undertaken to cure the Potential Violation and a schedule for completing the efforts to cure.

5. Conference for Parties re Notice of Potential Violation. The parties to the Notice shall meet or otherwise confer regarding the Potential Violation. The parties and the Monitor shall make themselves available for such a meeting (which may at any party's election be a virtual or technology-based meeting), provided, however, that the meeting is not required to take place sooner than fifteen (15) days after a written response to the Notice of Potential Violation.

6. Process for Previously-Submitted Notices of Potential Violation. At the request of the parties to a Notice, the Monitor shall determine whether the Notice implicates the same or similar issues as a previously submitted Notice or is a matter previously identified by the Monitor in an Audit Report involving the same party alleged to have engaged in a Potential Violation, and make an initial determination as to whether the issues needs to be addressed anew. The Monitor shall inform the Settling State and Injunctive Relief Distributor involved in the previous Notice or the subject of a matter previously identified by the Monitor in an Audit Report of its determination within five (5) business days of receipt of the Notice. The

Settling State and Injunctive Relief Distributor shall have five (5) business days to object to the determination. If an objection is made, the Monitor shall respond to the objection within five (5) business days. If no objection is made, the party involved in the prior Notice may rely on the response to the previously submitted Notice or matter previously identified by the Monitor in an Audit Report and no further action shall be required.

7. Monitor Resolution of Potential Violation and Opportunity to Cure. Within thirty (30) days of the meeting pursuant to Section XIX.B.5, the Monitor, taking into consideration the submissions of the parties involved in the Notice and other information available to the Monitor, shall resolve the Notice as follows:

   a) If the Monitor reasonably believes that a Potential Violation is not ongoing or has been substantially resolved as of thirty (30) days from the meeting pursuant to Section XIX.B.5, the Monitor shall provide written notice to the State Compliance Review Committee and the Settling State(s) and Injunctive Relief Distributor involved in the Notice.

   b) If the Monitor reasonably believes that a Potential Violation is ongoing and has not been substantially resolved as of thirty (30) days from the meeting pursuant to Section XIX.B.5, the Monitor shall provide written notice to the State Compliance Review Committee and the Settling State(s) and Injunctive Relief Distributor involved in the Notice and request that the Injunctive Relief Distributor prepare, within thirty (30) days of the receipt of such written notice, a Corrective Action Plan to remedy such Potential Violation, including a reasonable period for implementation of such plan. The Monitor may extend the period of time to submit a Corrective Action Plan up to ninety (90) days based on a reasonable request by the affected party.

   c) A Corrective Action Plan may address multiple Potential Violations, and an existing Corrective Action Plan may be amended to address additional Potential Violations.

   d) Within ten (10) business days of submission of a Corrective Action Plan regarding a Potential Violation, the Monitor shall confer with the State Compliance Review Committee and the Settling State(s) and Injunctive Relief Distributor involved in the Notice regarding the proposed Corrective Action Plan. The Monitor may recommend revisions in its discretion. The conference required by this paragraph may at any party's election be a virtual or technology-based meeting.

e) Within thirty (30) days of the conference in Section XIX.B.7.d, the Monitor shall advise the State Compliance Review Committee and the Settling State(s) and Injunctive Relief Distributor involved in the Notice whether the Monitor has adopted the proposed Corrective Action Plan or whether the Monitor has adopted it after making modifications. The Monitor shall also set forth a reasonable period for implementation of any such plan that has been adopted. The Injunctive Relief Distributor that is subject to a Corrective Action Plan adopted by the Monitor must begin to comply with the Corrective Action Plan within five (5) business days of receiving notice of the Corrective Action Plan has been adopted, unless it seeks review by the State Compliance Review Committee pursuant to Section XIX.C.1.

C. Enforcement Responsibilities of State Compliance Review Committee:

1. The Settling State(s) or Injunctive Relief Distributor involved in a Notice may request the State Compliance Review Committee to review the resolution (including a resolution pursuant to Section XIX.B.7.a) and/or Corrective Action Plan adopted by the Monitor regarding that Notice. Any such request must be made within five (5) business days of a resolution or adoption of a Corrective Action Plan by the Monitor. The State Compliance Review Committee, taking into consideration the resolution by the Monitor, submissions of the Settling State(s) or Injunctive Relief Distributor, and other information available to the Committee, shall within thirty (30) days of receipt of the request resolve the matter by written notice to the affected parties, which shall include the State Compliance Review Committee's reasoning in reaching its resolution. The State Compliance Review Committee may agree, disagree, or modify any resolution or Corrective Action Plan that it reviews. An Injunctive Relief Distributor that is subject to a Corrective Action Plan that is affirmed or affirmed as amended by the State Compliance Review Committee must within five (5) business days begin to comply with the Corrective Action Plan.

2. The State Compliance Review Committee shall review any issues raised by a Notice regarding the interpretation of the Injunctive Relief Terms at the request of the Settling State(s), Injunctive Relief Distributor involved in a Notice, or the Monitor. Such a request may be made at any time after the Notice's submission, and the request will not extend the timelines set forth in Sections XIX.B and XIX.C.1. The State Compliance Review Committee shall notify the Monitor, Settling State(s) and Injunctive Relief Distributor involved in the Notice of its determination. Settling States and Injunctive Relief Distributors do not waive their rights to challenge the interpretation of the Injunctive Relief Terms by the State Compliance Review Committee in any subsequent proceeding pursuant to Section XIX.E.2.

3. The State Compliance Review Committee may, independent of a Notice of Potential Violation, review requests by a Monitor, Settling State, or Injunctive Relief Distributor regarding the interpretation of the Injunctive Relief Terms. The State Compliance Review Committee shall notify the Monitor and requesting party of its interpretation, including the State Compliance Review Committee's reasoning in reaching its conclusion. Settling States and Injunctive Relief Distributors do not waive their rights to challenge the interpretation of the Injunctive Relief Terms by the State Compliance Review Committee in any subsequent proceeding pursuant to Section XIX.E.2.

4. The State Compliance Review Committee shall make available to all Settling States and Injunctive Relief Distributors any interpretation it issues pursuant to Sections XIX.C.2 and XIX.C.3.

D. Composition of State Compliance Review Committee:

1. A Settling State on the State Compliance Review Committee that is in active litigation with one or more of the Injunctive Relief Distributors, or in another potential conflict of interest involving compliance with Controlled Substances laws and regulations, may not serve on the State Compliance Review Committee for matters involving the affected Injunctive Relief Distributor, and the remaining Settling States on the State Compliance Review Committee shall within five (5) business days select an alternate Settling State as a replacement.

2. If the affected state on the State Compliance Review Committee disputes that it has a disqualifying active litigation or other conflict of interest, the determination of whether that state has a conflict disqualifying it from serving on the State Compliance Review Committee shall be made by the remaining states on the State Compliance Review Committee.

E. Enforcement Actions:

1. Any written notice or resolution by the State Compliance Review Committee regarding the matters set forth in Sections XIX.B and XIX.C shall provide the State Compliance Review Committee's assessment of the matter but will not be an official opinion of any individual Settling State.

2. Following the issuance of a written notice or resolution of the State Compliance Review Committee pursuant to Section XIX.C, a Settling State or Injunctive Relief Distributor may take whatever action it deems necessary related to the written notice or resolution issued by the State Compliance Review Committee, provided that the Settling State or Injunctive Relief Distributor is either (a) the Settling State that sought review by the State Compliance Review Committee, or (b) the Injunctive Relief Distributor that is the subject of the Potential Violation at issue.

Such action may include but is not limited to bringing an action to enforce the settlement agreement, filing a new original action, or, the parties to a Notice attempting to negotiate a Corrective Action Plan directly with each other.

3. The Settling States agree that prior to taking any court or administrative action, other than an action that is necessary to address an immediate threat to the health, safety, or welfare of the citizens of the Settling State, or that a public emergency requiring immediate action exists, it will follow the process outlined in Sections XIX.B and XIX.C.

4. A Settling State or Injunctive Relief Distributor must bring a court or administrative action within six (6) months of any resolution of the State Compliance Review Committee, unless the alleged violation is also an independent violation of state or federal law, or an action that a Settling State concludes is necessary to address an immediate threat to the health, safety, or welfare of the citizens of the State, or that a public emergency requiring immediate action exists, in which cases, the applicable statute of limitations (if any) for sovereign actions shall apply.

EXHIBIT Q

Illustrative Examples of Prepayments

Example 1

Gross Settlement Prepayment: $3,000,000

Settlement Prepayment Reduction Schedule: Reduce amounts paid for each of Payment Years 8, 13, and 18 by $1,000,000

Net Settlement Prepayment Amount (assumes discount rate of five percent (5%)): $2,591,513 ($863,838 for each of Payment Years 5, 10, and 15)

Payment Year	Initial Settlement Payment Schedule	Settlement Prepayment Reduction (-)	Net Settlement Prepayment (+)	Revised Settlement Payment Schedule
1	$1,000,000			$1,000,000
2	$1,000,000			$1,000,000
3	$1,000,000			$1,000,000
4	$1,000,000			$1,000,000
5	$1,000,000		$863,838	$1,863,838
6	$1,000,000			$1,000,000
7	$1,000,000			$1,000,000
8	$1,000,000	$1,000,000		$0
9	$1,000,000			$1,000,000
10	$1,000,000		$863,838	$1,863,838
11	$1,000,000			$1,000,000
12	$1,000,000			$1,000,000
13	$1,000,000	$1,000,000		$0
14	$1,000,000			$1,000,000
15	$1,000,000		$863,838	$1,863,838
16	$1,000,000			$1,000,000
17	$1,000,000			$1,000,000
18	$1,000,000	$1,000,000		$0
Total	**$18,000,000**	**$3,000,000**	**$2,591,513**	**$17,591,513**

Example 2

Gross Settlement Prepayment: $3,000,000

Settlement Prepayment Reduction Schedule: Reduce amounts paid for each of Payment Years 4, 9, and 14 by $1,000,000

Net Settlement Prepayment Amount (assumes discount rate of five percent (5%)): $2,857,143 ($952,381 for each of Payment Years 3, 8, and 13)

Payment Year	Initial Settlement Payment Schedule	Settlement Prepayment Reduction (-)	Net Settlement Prepayment (+)	Revised Settlement Payment Schedule
1	$1,000,000			$1,000,000
2	$1,000,000			$1,000,000
3	$1,000,000		$952,381	$1,952,381
4	$1,000,000	$1,000,000		$0
5	$1,000,000			$1,000,000
6	$1,000,000			$1,000,000
7	$1,000,000			$1,000,000
8	$1,000,000		$952,381	$1,952,381
9	$1,000,000	$1,000,000		$0
10	$1,000,000			$1,000,000
11	$1,000,000			$1,000,000
12	$1,000,000			$1,000,000
13	$1,000,000		$952,381	$1,952,381
14	$1,000,000	$1,000,000		$0
15	$1,000,000			$1,000,000
16	$1,000,000			$1,000,000
17	$1,000,000			$1,000,000
18	$1,000,000			$1,000,000
Total	**$18,000,000**	**$3,000,000**	**$2,857,143**	**$17,857,143**

EXHIBIT R

Agreement on Attorneys' Fees, Expenses and Costs

This Agreement on Attorneys' Fees, Expenses and Costs ("*Fee Agreement*") is entered between McKesson Corporation, Cardinal Health, Inc., and AmerisourceBergen Corporation (collectively, the "*Settling Distributors*"), and the Plaintiffs' Executive Committee appointed in the multidistrict litigation in the Northern District of Ohio, National Prescription Opiate Litigation, No. 1:17-MD-2804 ("*MDL PEC*"), in connection with the Distributor Settlement Agreement ("*Distributor Agreement*"). This Fee Agreement becomes effective on the Effective Date of the Distributor Agreement or the date that the Consent Judgments anticipated under the Distributor Agreement become final in 25 Settling States (whichever is later). However, costs specified in Sections II.I and II.I.4 of this Fee Agreement that are to be funded pre-Effective Date by the Settling Distributors are effective upon agreement in writing with the Settling Distributors.

I. Definitions.

A. This Fee Agreement incorporates all defined terms in the Distributor Agreement, unless otherwise defined herein, and shall be interpreted in a manner consistent with the Distributor Agreement.

B. "*Attorney*." Any of the following retained through a legal contract: a solo practitioner, a multi-attorney law firm, or other legal representative of a Participating Subdivision.

C. "*Attorney Fee Fund*." An account consisting of funds allocated to pay attorneys' fees approved pursuant to Section II of this Fee Agreement established by Order of, and under the ongoing jurisdiction of, the MDL Court, as provided below.

D. "*Common Benefit Fund*." The sub fund of the Attorney Fee Fund described in Section II.C.

E. "*Contingency Fee Fund*." The sub fund of the Attorney Fee Fund described in Section II.D.

F. "*Cost and Expense Fund Administrator*." The administrator appointed by the MDL Court to administer the MDL Expense Fund and Subdivision Cost Fund as provided in the Fee Agreement.

G. "*Cost Funds*." Collectively, the MDL Expense Fund and Subdivision Cost Fund.

H. "*Fee Entitlement*." Any right, entitlement or expectation, including but not limited to a fee contract, contingent fee contract, agreement, referral arrangement, co-counsel arrangement, State Back-Stop Agreement, or any other arrangement by which counsel could receive compensation or other consideration.

I. "*Fee Panel*." The three-person panel appointed by the MDL Court to administer the Attorney Fee Fund and its sub funds as provided in the Fee Agreement.

J. "*Litigating Subdivision Cost Fund*." The cost fund described in Section II.E herein.

K. "*MDL Court*." United States District Court for the Northern District of Ohio Eastern Division, Case No. 1:17-md-2804, Judge Dan Aaron Polster.

L. "*MDL Expense Fund*." The cost fund described in Section II.F below.

M. "*MDL PEC*." The Plaintiffs' Executive Committee appointed by the MDL Court.

N. "*Non-Participating Litigating Subdivision*." A Litigating Subdivision that is not a Participating Subdivision.

O. "*Participating Litigating Subdivision*." A Litigating Subdivision that is also a Participating Subdivision.

P. "*Participation Agreement*." An agreement executed by an Attorney that acknowledges the obligation to pay an appropriate MDL Common Benefit Assessment.

Q. "*Qualifying Representation*." Legal services provided for representation of a Participating Litigating Subdivision regarding Released Claims against Released Entities.

R. "*State Back-Stop Agreement*." Any agreement by a Settling State and private counsel for Participating Subdivisions in that State (or legislation enacted in that State) to provide, adjust, or guarantee attorneys' fees and costs, whether from the Attorney Fee Fund or any other source recognized in the agreement or legislation.

II. Fees and Costs.

A. *Total Attorneys' Fees and Costs*.

1. Total attorneys' fees and costs to be paid by Settling Distributors to Attorneys in each of the relevant Payment Years under this Fee Agreement shall be up to the following amounts, subject to the provisions set forth below, including with respect to the division of the Attorney Fee Fund into its sub funds:

	Attorney Fee Fund *(Contingency Fee Fund and Common Benefit Fund)*	**MDL Expense Fund**	**Litigating Subdivision Cost Fund**
Payment Year 1	$136,044,378.70	$40,384,615.39	$40,000,000
Payment Year 2	$150,934,911.25		$40,000,000
Payment Year 3	$270,825,443.80		$40,000,000
Payment Year 4	$183,625,739.68		

Payment Year 5	$183,625,739.69		
Payment Year 6	$183,625,739.69		
Payment Year 7	$183,625,739.69		

2. The sub funds within the Attorney Fee Fund shall include the Common Benefit Fund and the Contingency Fee Fund. The Cost Funds shall include the MDL Expense Fund, and the Litigating Subdivision Cost Fund. The State Counsel Fee Fund and the State Cost Fund shall be separate funds under the control of the Settling States.

3. The Contingency Fee Fund and the Common Benefit Fund shall be administered by a Fee Panel to be appointed by the MDL Court that will be governed by the provisions of this Fee Agreement and shall design the process and procedures for the allocation of fees pursuant to this Fee Agreement and the MDL Court's Order. The Cost Funds shall be administered by the Cost and Expense Fund Administrator to be appointed by the MDL Court who will be governed by the provisions of this Fee Agreement and shall design the process and procedures for the allocation of costs pursuant to this Fee Agreement and the MDL Court's Order.

4. The fees and costs to be paid under this Fee Agreement are available for Attorneys engaged in Qualifying Representations only. Fees and costs to be paid under this Fee Agreement are not available prior to the Effective Date of the Distributor Agreement or if the Distributor Agreement does not proceed past the Settling Distributors' determination in Section VIII.A of the Distributor Agreement. Fees and costs to be paid under this Fee Agreement are not available for representation of Non-Participating Subdivisions or Non-Litigating Subdivisions and are not available for representation of private hospitals, third-party payors, NAS claimants, personal injury/wrongful death claimants, or any entity other than Participating Litigating Subdivisions. In addition, fees and costs under this Fee Agreement are not available for representation of any individual or entity in matters other than those claims against Released Entities, but may include a reasonable share of representations that involve development of facts for pursuit of opioid-related claims against multiple defendants in the pharmacy, manufacturing, and distribution chain.

5. Payments due to the Attorney Fee Fund and the Cost Funds from the Settling Distributors under this Section II will be allocated among the Settling Distributors as follows: McKesson — 38.1%; Amerisource — 31.0%; Cardinal — 30.9%. A Settling Distributor's sole responsibility for payments under this Fee Agreement shall be to make its share of each payment. The obligations of the Settling Distributors in this Fee Agreement are several and not joint. No Settling Distributor shall be responsible for any portion of another Settling Distributor's share.

B. *Attorney Fee Fund and Sub Funds*.

1. There shall be a split of the Attorney Fee Fund into the Contingency Fee Fund and the Common Benefit Fund. The split shall be 40% to the Contingency Fee Fund and 60% to the Common Benefit Fund.

2. In no event shall Settling Distributors be required to pay more into the Attorney Fee Fund in any Payment Year than the maximum amount specified for that Payment Year in Section II.A.1, which amounts are reflected in Exhibit M to the Distributor Agreement. The amounts allocated to the Contingency Fee Fund and the Common Benefit Fund set by the Fee Panel shall be subject to the reductions and offsets set forth below.

3. Awards of fees from the Contingency Fee Fund shall be available to Attorneys with Qualifying Representations of Participating Litigating Subdivisions eligible to receive an allocation under the Distributor Agreement, as set forth in Exhibit G to the Distributor Agreement, and shall be made applying the Mathematical Model attached as Exhibit A to this Fee Agreement ("*Mathematical Model*"). The collection of the data and calculations for the Mathematical Model has been a cooperative effort among private counsel for a large number of Litigating Subdivisions. The analysis has been spearheaded by Joseph Tann and Andrew Arnold. The Fee Panel is encouraged to continue working with those counsel in application of the Model. The Fee Panel shall oversee the application of the Model and resolve any questions or disputes concerning the eligibility of an Attorney to participate as required in Section II.G. The Panel is empowered to hear disputes concerning and ensure the accuracy of the mathematical calculation.

4. As to awards from the Contingency Fee Fund, there shall be no right of appeal.

5. Any appeal of an award of the Fee Panel from the Common Benefit Fund will be made to the MDL Court and be reviewed under an abuse of discretion standard.

C. *Common Benefit Fund.* (60% of the Attorney Fee Fund.)

1. Funds in the Attorney Fee Fund shall be allocated to the Common Benefit Fund according to the schedule set forth below, subject to the adjustments described in Section II.C.5. The payments are to be made on the following yearly schedule, subject to the adjustments set forth below:

Payment Year 1	$81,626,627.22
Payment Year 2	$90,560,946.75
Payment Year 3	$162,495,266.28
Payment Year 4	$110,175,443.79
Payment Year 5	$110,175,443.79
Payment Year 6	$110,175,443.79
Payment Year 7	$110,175,443.79
Total:	**$775,384,615.41**

2. The Common Benefit Fund shall be available to compensate Attorneys engaged in Qualifying Representations of Participating Litigating Subdivisions who:

a. have performed work for the common benefit of all subdivisions pursuant to the guidelines established by Judge Polster set forth in MDL 2804 and the Order dated June 19, 2018, under docket number 636, which is included herein by reference; and

b. satisfy the eligibility criteria set forth in Section II.G.

For purposes of Common Benefit Fund distribution, notwithstanding Section II.A.4 above, Attorneys representing Tribal Nations litigating against the Settling Distributors that have reached a settlement for Released Claims with Settling Distributors and/or Released Entities and meet the eligibility criteria in Section II.G shall be eligible.

3. The Common Benefit Fund shall be overseen by the Fee Panel, which shall determine the allocation of funds to eligible Attorneys consistent with this Fee Agreement and the June 19, 2018 Order.

4. In assessing the benefits that an Attorney has conferred to Participating Subdivisions (including non-Litigating Subdivisions) and/or Tribal Nations for purposes of any compensation decision, the Fee Panel shall give significant weight to the extent to which (i) the Attorney and his or her clients have contributed to increasing (or reducing) the Initial Participation Tier achieved through participation in the Distributor Agreement; (ii) the Attorney and his or her clients have contributed to increasing (or reducing) the amounts achieved under Incentive Payments A-D through participation in the Distributor Agreement; and (iii) the Attorney and his or her clients have contributed to the potential triggering of any suspension, reduction, or offset of Payment amounts under the Distributor Agreement. The Fee Panel may also consider additional fee recoveries the Attorney may potentially obtain, including, but not limited to, from State Back-Stop Agreements, representations of States or Tribal Nations, representations of other clients in opioids-related matters, or through the representation of Subdivision clients, whether they participated in the Distributor Agreement or not. It is the intent of this provision to recognize that the goal of the Distributor Agreement is to provide for maximum participation by the Subdivisions, maximum abatement funding for all Subdivisions nationally, and the maximum peace for Released Entities. Therefore, representing a Non-Participating Subdivision does not further the goal of the Distributor Agreement and should not be considered Common Benefit because it does not increase funds available to Participating Subdivisions' abatement programs. Representing Later Litigating Subdivisions is antithetical to the Distributor Agreement, detracts from Common Benefit, and is addressed by the ethics opinion discussed in Section II.I.4. The Fee Panel shall consider this concept of "*common detriment*" set forth in this Section II.C.4 in all of its decisionmaking with respect to the allocation of the Attorney Fee Fund among Attorneys, as well as, in its discretion, any offsets provided to Settling Distributors as set forth in Section II.C.6. The Fee Panel shall consider the totality of the Attorney's Participating Litigating Subdivisions as compared to the Attorney's Non-Participating Litigating

Subdivisions; the Parties recognize that, although the goal is for 100% participation, Attorneys with a higher number of clients have a higher probability of having one or more Non-Participating Litigating Subdivision client. As used in this Section II.C.4, "*client*" or "*representing*" a Subdivision shall include any Litigating Subdivision as to which the Attorney has a Fee Entitlement.

5. As set forth in Section II.C.6, the Fee Panel must consider the factors described in Section II.C.4 to determine how and whether to reduce the amounts to be paid by Settling Distributors under this Fee Agreement and to determine how to allocate funds among Attorneys. They may also, at their discretion, consider other factors. Any reduction in payment obligation or credit to be given a Settling Distributor in this Fee Agreement shall be applied against Payment Year 7 and working backwards. Any reduction to an Attorney not credited to Settling Distributors shall be allocated to attorneys whose Litigating Subdivision clients participated in the settlement by the Initial Participation Date.

6. The amounts to be provided as a credit or offset to Settling Distributors from the Common Benefit Fund shall depend on the relevant Participation Tier achieved, set forth in Exhibit H of the Distributor Agreement, as follows:

a. At Participation Tier 1 or below, the Common Benefit Fund payments to be paid by Settling Distributors shall be reduced as follows:

(i) With respect to any Attorney seeking payment from the Common Benefit Fund, the Fee Panel shall compare the aggregate allocation that Participating Litigating Subdivisions with which the Attorney has a Fee Entitlement would receive using the negotiating class allocation metrics with the aggregate amount that all Litigating Subdivisions (Participating and Non-Participating) with which the Attorney has a Fee Entitlement would receive using the negotiating class allocation metrics, provided that only Litigating Subdivisions in Settling States shall be considered for this ratio. The Fee Panel will multiply the amount to be paid to that Attorney from the Common Benefit Fund by that ratio, reduce the Attorney's award by a maximum reduction of 15%, and the dollar amount of such reduction shall be deducted, dollar-for-dollar, from the amount owed by Settling Distributors to the Common Benefit Fund of the Attorney Fee Fund.

(ii) In the event that any Non-Participating Subdivision that is (a) under the jurisdiction of the MDL Court or (b) represented by an Attorney that is obligated to pay into the MDL Common Benefit Fund pursuant to a Participation Agreement, an order of the MDL Court, or any other arrangement settles with or wins a judgment against a Released Entity separate from the Distributor Agreement, and such settlement or judgment results in a common benefit fee assessment or fee payment into the MDL Common Benefit Fund during the time of Settling Distributors' obligation to pay fees under this Fee Agreement, Settling Distributors'

obligation to pay into the Common Benefit Fund shall be reduced dollar-for-dollar for any amount of such fee assessments or payments (in the aggregate based on all reductions in this Section II.C.6.a.ii that exceed the reductions in Section II.C.6.a.i).

(iii) For the avoidance of doubt, in Tier 1 for each settlement or judgment with the Settling Distributors that results in an assessment or payment to the MDL Common Benefit Fund, that payment shall result in an offset for the Settling Distributors, unless the assessment or payment occurs after the Payment Date for Year 7.

b. At Participation Tier 2, the Common Benefit Fund payments to be made by Settling Distributors shall be reduced only as follows:

(i) Reduction by the Fee Panel. With respect to all Attorneys making an application that seeks payment from the Common Benefit Fund, the Fee Panel shall, following a determination that an Attorney is eligible under Section II.G, apply the criteria specified in Section II.C.4 in determining whether the lack of participation by Subdivisions with which an Attorney has a Fee Entitlement has resulted in a reduction in the Participation Tier achieved, reduction in benefit to Participating Subdivisions as a result of reductions in Incentive Payments A-D, and/or potential triggering of a suspension, reduction or offset under the Distributor Agreement. If the Fee Panel concludes that such a reduction has occurred, it must consider (1) the relative size of the Non-Participating Subdivision, as adjusted by the severity measures reflected in Exhibit H (governing the Participation Tiers) of the Distributor Agreement, and the impact of its non-participation on the Distributor Agreement as a whole (including amounts of Incentive Payments and triggering of suspensions, reductions or offsets); (2) whether and by how much the payment to the Attorney from the Common Benefit Fund should be reduced as a result of the impact of such non-participation on Participating Subdivisions; and (3) whether some or all of said reduction should revert to Settling Distributors due to the reduction in peace obtained from the Distributor Agreement. Consideration of the factors discussed in this Section II.C.6.b.i and Section II.C.4 is mandatory. The decision whether to (and by how much to) reduce payments by Settling Distributors or to reduce the payment to any Attorney based on the factors in Section II.C.4 shall be in the sole discretion of the Fee Panel.

(ii) Offsets.

(1) In the event that any Non-Participating Subdivision that is (a) under the jurisdiction of the MDL Court or (b) represented by an Attorney that is obligated to pay into the MDL Common Benefit Fund pursuant to a Participation Agreement, an order of the MDL Court, or any other arrangement

settles with or wins a judgment against a Released Entity separate from the Distributor Agreement, and such settlement or judgment results in a common benefit fee assessment or fee payment into the MDL Common Benefit Fund during the time of Settling Distributors' obligation to pay Common Benefit Fees under this Fee Agreement, Settling Distributors' obligation to pay into the Common Benefit Fund shall be reduced dollar-for-dollar up to the amount of the fee assessment or payment, except that such amount shall be capped at 7.5% of the amount of the settlement or judgment. Such reduction shall be taken first from Payment Year 7 of Settling Distributors' payments to the Common Benefit Fund of the Attorney Fee Fund up to the full amount of Settling Distributors' payment obligation in Payment Year 7, then from Payment Year 6, and so on.

(2) For the avoidance of doubt, for each settlement or judgment with the Settling Distributors that results in an assessment or payment to the MDL Common Benefit Fund, that payment shall result in an offset for the Settling Distributors, unless the assessment or payment occurs after the Payment Date for Payment Year 7.

c. At Participation Tier 3, the reductions to the Attorney Fee Fund shall be the same as set forth in Section II.C.6.b, except that the cap on each offset shall be 5% of the amount of such settlement or judgment.

d. At Participation Tier 4, there shall be no reductions to the Settling Distributors' obligations to make payment into the Common Benefit Fund, but the principles set forth in Section II.C.4 shall continue to apply.

D. *Contingency Fee Fund.* (40% of the Attorney Fee Fund.)

1. Funds from the Attorney Fee Fund shall be allocated to the Contingency Fee Fund on the following yearly schedule, subject to the adjustments set forth below:

Payment Year 1	$54,417,751.48
Payment Year 2	$60,373,964.50
Payment Year 3	$108,330,177.52
Payment Year 4	$73,450,295.88
Payment Year 5	$73,450,295.88
Payment Year 6	$73,450,295.88
Payment Year 7	$73,450,295.88
Total:	**$516,923,077.32**

2. The Contingency Fee Fund shall be available to compensate Attorneys engaged in Qualifying Representations of Participating Litigating Subdivisions that meet the criteria set forth in Section II.G.

3. The Contingency Fee Fund shall be available to Attorneys who:

a. represent Litigating Subdivisions that are Participating Subdivisions, whether their actions are filed in state or federal court; and

b. meet the eligibility criteria of Section II.G.

c. Participation in the Contingency Fee Fund by counsel that have a case that is not subject to the jurisdiction of the MDL Court shall not create, provide, or waive jurisdiction of the MDL Court over that Litigating Subdivision, that case or Attorneys, other than to oversee the fairness of the distribution process, and enforcement of this Fee Agreement.

4. The amounts owed by Settling Distributors to the Contingency Fee Fund shall depend on the relevant Participation Tier set forth in Exhibit H of the Distributor Agreement as follows:

a. At Participation Tiers 1, 2 and 3, the Contingency Fee Fund payments shall be reduced as follows:

(i) For Non-Settling States, the Contingency Fee Fund payments shall first be reduced by the amounts identified by the Fee Panel, pursuant to Section II.H.6, that would have been owed to counsel for Litigating Subdivisions in Non-Settling States, had those States and those Litigating Subdivisions been Settling States and Participating Subdivisions.

(ii) Following the calculation in Section II.D.4.a.i, the Contingency Fee Fund payments shall be reduced to reflect the non-joinder of Litigating Subdivisions in Settling States by subtracting the amounts identified by the Fee Panel, pursuant to Section II.H.6, that would have been owed to counsel for Non-Participating Litigating Subdivisions in Settling States had such Litigating Subdivisions been Participating Subdivisions.

b. At Participation Tier 4, there shall be no reductions in the Contingency Fee Fund.

c. In the event that the Settling Distributors, prior to the Effective Date of the Distributor Agreement, settle with any Litigating Subdivision and, under such settlement agreement pay attorneys' fees, the Fee Panel shall treat those Litigating Subdivisions as Participating Litigating Subdivisions and, applying the same criteria applicable to all Attorneys for Participating Litigating

Subdivisions, determine what amount they would have been paid from the Contingency Fee Fund if they had become Participating Subdivisions under the Distributor Agreement without such prior settlement. That sum, rather than being paid to the Attorney for the previously settled Litigating Subdivision, shall be credited and/or returned to the Settling Defendants as if determined under Section II.D.4.a.ii above, except that such credit shall not be greater than the amount to the Attorneys paid under the Litigating Subdivision's prior settlement agreement.

E. *Litigating Subdivision Cost Fund.*

1. The Settling Distributors shall pay $120,000,000 into the Subdivision Cost Fund, according to the schedule set forth below:

Payment Year 1	$40,000,000
Payment Year 2	$40,000,000
Payment Year 3	$40,000,000

2. The Litigating Subdivision Cost Fund shall be available to compensate Attorneys for costs and expenses arising out of representation of Participating Litigating Subdivisions or to compensate Participating Litigating Subdivisions for direct in-house costs for expenditures related to their litigation against the Settling Distributors, including the cost of in-house employees. No funds in the Litigating Subdivision Cost Fund may be used to compensate the costs incurred by Non-Participating Subdivisions or Non-Litigating Subdivisions or costs and expenses arising out of representation of any such Subdivision. In allocating the Litigating Subdivision Cost Fund, the Administrator shall not allocate any funds for costs incurred after July 21, 2021.

3. During the period between July 21, 2021, and the Effective Date, the MDL PEC, as well as Litigating Subdivisions eligible to claim costs from the Litigating Subdivision Cost Fund shall make best efforts to cease litigation activity against Settling Distributors, including by jointly seeking stays or severance of claims against the Settling Distributors, where feasible, or postponements if a motion to stay or sever is not feasible or is denied, so long as such actions are not otherwise detrimental to the Litigating Subdivision.

4. In the event that the Settling Distributors, prior to the Effective Date of the Distributor Agreement, settle with any Litigating Subdivision and, under such settlement agreement pay costs to the Litigating Subdivision or its Attorney, the MDL Cost and Expense Fund Administrator shall treat those Litigating Subdivisions as Participating Litigating Subdivisions and, using the same criteria applicable to all applicants to the Subdivision Cost Fund, determine what amount in costs the Litigating Subdivision or its Attorney would have been paid from the Litigating Subdivision Cost Fund if it had settled under the Distributor Agreement. That sum, rather than being paid to the Attorney or the previously settling Litigating Subdivision, shall be credited and/or returned to the Settling Defendants, except that such sum shall not be greater than the amount paid under the previously settled Litigating Subdivision's settlement agreement.

5. The MDL Court shall appoint a Cost and Expense Fund Administrator, who shall develop a process and criteria, with input from participating counsel, by which to (a) determine the distribution of amounts from the MDL Expense Fund in pursuit of the claims against Settling Distributors; and (b) receive and evaluate applications from Participating Litigating Subdivisions, whether filed in Federal Court or State Court, to seek reimbursement from the Litigating Subdivision Cost Fund for eligible costs under Section II.E.2 in pursuit of the claims against the Settling Distributors. The Cost and Expense Fund Administrator shall require transparency from all applicants as to any other sources for compensating Attorneys for Litigating Subdivisions for costs incurred. The Cost and Expense Fund Administrator shall be compensated from the Fund.

6. In the event that the total amount of reimbursements from the Litigating Subdivision Cost Fund approved as reasonable by the Cost and Expense Administrator is less than the $120,000,000, any remaining funds shall revert to the Settling Distributors.

F. *MDL Expense Fund*.

1. In Payment Year 1 of the Distributor Agreement, the Settling Distributors shall pay the following amount into the MDL Expense Fund:

MDL Expense Fund	$40,384,615

2. The MDL Expense Fund shall be released following the Effective Date of this Fee Agreement without any delay to reimburse the MDL Counsel for an agreed-to portion of the expenses incurred, as approved by the Cost and Expense Fund Administrator. The MDL Expense Fund will be paid directly to the MDL Cost Account, set up by MDL Order and will be administered under the ongoing jurisdiction of the MDL Court, as provided below. No funds may be used to compensate the costs incurred by Non-Participating Subdivisions or to compensate any Attorney for costs incurred in representing one or more Non-Participating Subdivisions.

3. In allocating the MDL Expense Fund, the Administrator shall not allocate any funds for costs incurred after July 21, 2021, unless the Administrator determines that there are sufficient funds to cover all subdivision costs incurred prior to July 21, 2021 and that special circumstances exist to justify costs incurred following the public announcement of the Distributor Agreement.

G. *Eligibility*.

1. It is the intention of all parties participating in the Fee Panel process that there should be total transparency to the Fee Panel and to all fund participants. In connection with the process to be developed by the Fee Panel, any and all monies in attorney's fees, including referral fees, expenses paid, promises for payment, or any other Fee Entitlement, to any applicant in any opioid litigation shall be disclosed to the Fee Panel as a condition of participating in the Attorney Fee Fund and prior to an award from the Fee Panel. Any payment, expectation of payment or perceived entitlement to participate in a State Back-Stop Agreement or any other agreement reached with a

Settling State or any Subdivision or any other source regarding payment of fees must be disclosed to the Fee Panel. Similarly, any right to payment from any other fund, for example a fund for payment to lawyers representing Settling States or Tribal Nations or Subdivisions shall be disclosed to the Fee Panel. Because it is anticipated that there will be multiple firms listed on contingent fee agreements with Litigating Subdivisions, the Fee Panel shall establish procedures, with input from Attorneys for Participating Litigating Subdivisions, for who should petition for fees from such groups and to whom the fee shall be paid and thereafter distributed to co-counsel in accordance with applicable agreements. For the avoidance of doubt, all Attorneys that are part of such groups must meet the eligibility criteria in Section II.G, must be subject to the criteria set forth in Section II.C.4, and must be disclosed to the Fee Panel.

2. An Attorney may apply for and recover attorneys' fees from the Common Benefit Fund, the Contingency Fee Fund, and the Litigating Subdivision Cost Fund and any fund created by a past or future State Back-Stop Agreement, provided the Attorney satisfies the requirements relevant to each such fund and requirements for disclosure to the Fee Panel.

3. An Attorney may not receive any payment from the Attorney Fee Fund (which includes both the Contingency Fee Fund and the Common Benefit Fund) unless the following eligibility criteria are met and annually certified by the Attorney:

a. The Attorney must expressly waive the enforcement against the Litigating Subdivision client of all Fee Entitlements (other than under State Back-Stop Agreements) arising out of or related to any or all Qualifying Representations of any Participating Litigating Subdivision prior to applying for attorneys' fees from the Attorney Fee Fund or costs from the Cost Funds. All applications for attorneys' fees or costs under this Fee Agreement shall include an affirmation by the Attorney of such waiver and notice to the client(s) of such waiver. Such waiver shall not preclude the Attorney from submitting such Fee Entitlements to the Fee Panel as a factor for consideration in allocating payments from the Attorney Fee Fund or in connection with a State Back-Stop Agreement. For the avoidance of doubt, no Attorney may recover fees under this Fee Agreement unless the Attorney expressly agrees not to enforce Fee Entitlements as to each and every Participating Litigating Subdivision represented by that Attorney, but such Attorneys may participate in and receive funds from a State Back-Stop Agreement.

b. The Attorney must represent that s/he has no present intent to represent or participate in the representation of any Later Litigating Subdivision or any Releasor with respect to Released Claims against Released Entities.

c. The Attorney must represent that s/he has not and will not engage in any advertising or solicitation related to Released Claims against Released Entities where such advertising or solicitation relates to a representation that the Attorney could not undertake consistent with the ethics opinion referenced in Section II.I.4.

d. The Attorney must represent s/he will not charge or accept any referral fees for any Released Claims brought against Released Entities by Later Litigating Subdivisions. For the avoidance of doubt, this representation shall not prohibit Attorneys from receiving allocated shares of any future common benefit assessments arising out of settlements or judgments with Later Litigating Subdivisions represented by other Attorneys that are the result of the MDL Court's Common Benefit order.

e. The Attorney may not have and must represent that s/he does not have a Fee Entitlement related to a Later Litigating Subdivision.

f. The Attorney must certify that s/he has reviewed the ethics opinion referenced in Section II.I.4 and will act in conformity with such opinion.

g. The Attorney must fully disclose the participation, or the anticipation of participation, in any agreement with a Settling State or Participating Subdivision concerning fees arising out of or related to the Distributor Agreement, including any fees paid or anticipated to be paid or any State Back-Stop Agreement.

h. The Attorney must identify for the Fee Panel whether s/he utilized state litigation work product or MDL work product, including but not limited to ARCOS data, document repositories, experts developed in the MDL, and deposition transcripts. The Attorney must identify whether s/he signed the MDL Participation Agreement, and for which case(s) it was signed.

i. Any Attorney who applies for fees from one or both Funds must represent that, having exercised his/her independent judgment, s/he believes the Distributor Agreement to be fair and will make or has made best efforts to recommend the Distributor Agreement to his or her Subdivision clients in Settling States. For the avoidance of doubt, each Attorney is expected to exercise his or her independent judgment in the best interest of each client individually before determining whether to recommend joining the settlement. All applications for attorneys' fees or costs under this Section II shall include an affirmation by the Attorney in compliance with this Section II.G.

4. No Attorney receiving fees under this Fee Agreement may apply for or recover from the Attorney Fee Fund fees arising from representing a Non-Settling State or a Non-Participating Subdivision. All applications for attorneys' fees under this Section II shall include an affirmation by the Attorney of compliance with this Section II.

5. An Attorney who has filed an application under this Section II and received an award of attorneys' fees shall provide a certification of compliance this Fee Agreement annually during the years upon which they are still entitled to receive attorneys' fee payments.

6. If, at any time, the Attorney is unable to make the representations set forth in this Section II.G.3, such representations become untrue, or the Attorney falsely represents compliance with the eligibility criteria, the Attorney shall cease to be eligible to receive funds from the Attorney Fee Fund until further review by the Fee Panel of the Attorney's eligibility under and compliance with this Section II.

7. If an Attorney has a Fee Entitlement from a Later Litigating Subdivision or otherwise becomes unable to reaffirm compliance with the eligibility criteria set forth above, the Attorney shall notify Settling Distributors and the Fee Panel. For the avoidance of doubt, any Attorney who undertakes any new representation of, or has a Fee Entitlement to, a Later Litigating Subdivision shall be prohibited from receiving any future funds from the Attorney Fee Fund. If an Attorney fails to notify Settling Distributors and the Fee Panel of such Fee Entitlement to a Later Litigating Subdivision, the Attorney shall be required to refund amounts previously paid.

8. In the event that an Attorney is deemed ineligible by the Fee Panel (whether based on its initial application or subsequent recertification), the Fee Panel shall provide notice to the Attorney and give the Attorney 30 days to provide additional information such that the Fee Panel could reconsider the Attorney's eligibility.

9. To the extent that an Attorney has a Fee Entitlement with a Participating Subdivision and is authorized to bring Released Claims against Released Entities, but such authorization is, in scope, less broad than the category of Released Claims set forth in the Distributor Agreement, such Attorney may participate fully in both the Contingency Fee Fund and the Common Benefit Fund, without any reduction imposed by the Fee Panel due to the scope of the authorization, so long as the Participating Subdivision fully releases all Released Claims against Released Entities.

10. Attorneys applying to the Attorney Fee Fund knowingly and expressly agree to be bound by the decisions of the Fee Panel, subject to the limited appeal rights set forth in this Fee Agreement, and waive the ability to assert the lack of enforceability of the allocation reached through the arbitration procedures outlined herein.

H. *Calculation of Amounts Due*.

1. The Fee Panel shall be solely responsible for determining the amount of fees to be paid to each Attorney and each Participating Subdivision that applies under this Section II. None of the Released Entities shall have any responsibility, obligation, or liability of any kind whatsoever with respect to how attorneys' fees are calculated under this Section II, except that the Fee Panel may receive information from the Settling Distributors (a) as to the identity of Participating, Non-Participating, Litigating, Later Litigating, and Non-Litigating Subdivisions; (b) the impact of non-participation by a Litigating Subdivision as is relevant to the Fee Panel's determination in Section II.C.4; and (c) such other information as Settling Distributors may voluntarily elect to provide.

2. The Fee Panel shall establish procedures for the arbitration process consistent with this Fee Agreement and orders of the MDL Court. Such procedures may

include submission of documentary and/or other evidence, interviews with applicants and/or other counsel (including counsel for Settling Distributors) that the Fee Panel deems appropriate, and/or other means of creating a record upon which fee awards will be based.

3. In making determinations under this Fee Agreement, the Fee Panel must apply the eligibility criteria set forth in Section II.G of this Fee Agreement and the criteria set forth in Section II. In addition, the Fee Panel will give consideration in regard to Common Benefit awards to the *Johnson* factors, as well as the following factors (which factors may be applied and given relative weight in the Fee Panel's discretion):

a. The Attorney's contemporaneously recorded time and labor dedicated to Qualifying Representations along with the Attorney's financial commitment to such Qualifying Representations. Claimed "*time*" will not be automatically accepted by the Fee Panel but will be critically reviewed and given substantially more weight and consideration if such time was subject to the audit process described in any Pretrial Order(s) governing the collection of common benefit time;

b. The novelty, time, and complexity of the Qualifying Representations;

c. The skill requisite to perform legal services properly and undesirability of the case;

d. The preclusion of other employment by the Attorney due to time dedicated to Qualifying Representations;

e. The "*common benefit*," if any alleged to have been conferred by the Attorney and whether such common benefit work product by that Attorney was used by others in parallel litigations against Released Entities whether within or outside the MDL, provided that for any Attorney claiming that s/he substantially benefited cases other than those in which s/he entered an appearance as counsel must substantiate such claims by proffering factual support, such as proper supporting affidavits or other documents as determined by the Fee Panel with input from Attorneys for Participating Litigating Subdivisions;

f. Any "*common detriment*," as set forth in Section II.C.4.

g. Any contingent fee agreements or other Fee Entitlement with Participating Subdivisions, enforcement of which, except for State Back-Stop Agreements, are waived in conjunction with the application, the nature and extent of any work for those Participating Subdivisions, whether such Participating Subdivisions actively litigated and, if so, the nature and procedural history of such case(s);

h. The experience, reputation, and ability of the Attorney;

i. Whether the Attorney's clients brought Released Claims against Released Entities;

j. The status of discovery in cases primarily handled by the Attorney;

k. The nature of any work by the Attorney on "*bellwether*" cases or cases that were similarly active in litigation;

l. Any pressure points successfully asserted by the Attorney in cases against Settling Distributors or any risk for Settling Distributors created by the Attorney in cases against them;

m. Any risk for defendants created by applicants in cases against the Setting Distributors;

n. Successful and unsuccessful motion practice in cases worked on by the Attorney;

o. The date of filing of any cases filed by the Attorney;

p. Obtaining consolidation of the litigation in the Attorney's jurisdiction;

q. The number and population of entities represented by the Attorney and the fees that would have been awarded under extinguished contingent fee arrangements;

r. Whether the Attorney's clients brought claims against the Settling Distributors;

s. Whether the Attorney has had a leadership role in the litigation, whether in state or federal court;

t. Whether the Attorney has had a leadership role in any negotiations aimed at resolving the litigation;

u. Whether the Attorney's cases have survived motions to dismiss;

v. The extent to which the Attorney contributed to the work product user for the common benefits of opioids litigants, including, without limitation, work on ARCOS data, Prescription Data Monitoring Programs, IQVIA data, depositions, document production and analysis experts, motions, briefs and pleadings, trial preparations, and trials;

w. The extent to which litigation was done prior to and contributed to completion of settlement negotiations, as distinct from litigation that was done litigating after the announcement of the Distributor Agreement, such latter

litigation both being of less value and potentially resulting a common detriment to the settlement process; and

x. Any other factors that the Fee Panel finds to be appropriate to consider after input from applicants to the Attorney Fee Fund.

4. The Fee Panel shall develop procedures for receiving a single application, which may be updated or amended based on new information (such as participation by additional Litigating Subdivisions) from each Attorney seeking compensation from the Attorney Fee Fund, procedures shall not be inconsistent with this Fee Agreement. Any request for attorneys' fees not included on the single application or through the updating/amendment process designed by the Fee Panel shall be deemed waived. For purposes of transparency and to permit the Fee Panel to conduct its work, the application from each Attorney shall, at a minimum, require each Attorney to:

a. Identify all Litigating Subdivisions for which s/he is seeking payment from the Attorney Fee Fund;

b. Identify all Subdivisions in both Settling and Non-Settling States with respect to which s/he has a Fee Entitlement with respect to Relevant Claims against Released Entities, and identify all co-counsel in such cases;

c. Identify which of those Subdivisions are Participating Subdivisions and which are not;

d. Specify the specific fund or funds within the Attorney Fee Fund from which the Attorney is seeking compensation;

e. Demonstrate his or her eligibility for compensation from the relevant sub funds within the Attorney Fee Fund pursuant to the criteria set forth for the relevant sub fund; and

f. Identify any and all Fee Entitlements from representations of States, Tribal Nations, or other plaintiffs related to Released Claims against Released Entities or in opioids-related matters.

Notwithstanding Sections II.H.4.a-f above, the Panel may consider a supplemental application if the Attorney shows good cause why circumstances exist that will lead to consideration for additional Common Benefit award. Examples would include, but are not limited to, an Attorney having Non-Participating Litigating Subdivision clients that subsequently become Participating Subdivisions, a Bar Date passes that increases participation or the Participation Tier or an Allocation Agreement is reached.

5. With respect to the Common Benefit Fund, the Fee Panel shall (subject to any applicable MDL Court Order):

a. Review the applications of all Attorneys seeking compensation from the Common Benefit Fund, including determining eligibility for each Attorney as set forth in Section II.G.

b. Reduce, on an annual basis, the Distributor's payment obligations, as set forth in Section II.C.6. The Panel shall inform the Settling Distributors and the MDL PEC of all such amounts and adjust the Settling Distributors' payment obligations accordingly.

c. Using criteria set forth in Sections II.C and II.G, allocate amounts from the Common Benefit Fund to eligible Attorneys, including payment amounts for each Payment Year. In making such allocations (regardless of the Participation Tier achieved), the Panel shall apply the principles set forth in Section II.C.4 and shall allocate any reduction in the payments of Settling Distributors specified in Section II.C.6 to the amounts paid to Attorneys with a Fee Entitlement to Litigating Subdivisions that are not Participating Subdivisions.

6. With respect to the Contingency Fee Fund, the Fee Panel shall:

a. Review the applications of all Attorneys seeking compensation from the Litigating Subdivision Fee Fund, including determining eligibility for each Attorney as set forth in Section II.G.

b. Apply the Mathematical Model in Exhibit A.

c. Use such allocations to reduce payments, on an annual basis, the payment obligations of the Settling Distributors to the Attorney Fee Fund as set forth in Section II.D.4, and distributions therefrom, and inform the Settling Distributors and MDL PEC of all such adjustments.

7. To the extent that there is a dispute about the calculations of the Fee Panel related to the amounts that Settling Distributors are required to pay (including application of any reductions or offsets under this Fee Agreement), such disputes shall be presented to the Fee Panel and any disputed funds be paid into/held in escrow. The Fee Panel shall resolve such disputes expeditiously, with either Party having the right to seek review from the MDL Court.

8. For purposes of determination of fee or cost awards, allocations, reductions and possible reversions under this Fee Agreement, unless specified otherwise a Subdivision will be considered a Non-Participating Subdivision if it is not a Participating Subdivision as of the deadline for the application for the fee or cost award at issue (or, if the determination does not involve a specific application, the date on which the record for such determination closes).

9. In the event that the Fee Panel, through the use of the Mathematical Model set forth in Exhibit A, allocates funds from the Contingency Fee Fund for an Attorney based on a Qualifying Representation of a Participating Litigating Subdivision or allocates cost to such Participating Litigating Subdivision and that Subdivision is in a

Settling State in which the Consent Judgment has not been approved, such funds shall be placed into escrow until the Consent Judgment is approved, after which time they shall be released.

I. *Miscellaneous*.

1. The costs associated with the Fee Panel prior to the Effective Date of this Fee Agreement shall be funded by Settling Distributors. The Fee Panel shall charge an hourly rate that has been previously approved by a federal or state court and shall provide a budget and a cap for such work prior to the Effective Date, which shall be approved by Settling Distributors and such approval shall not be unreasonably withheld. Settling Distributors shall receive a refund for any such payment of pre-Effective Date costs from interest that accrues on the monies in the Attorney Fee Fund (including interest that accrues during such time as the Attorney Fee Fund monies are in escrow prior to the Effective Date of the Distributor Agreement), up to the amount of such costs. Post-Effective Date, the cost of the Fee Panel shall be charged against the applicable Fee Fund based on allocation by the Fee Panel and shall not be otherwise funded by Settling Distributors. The costs associated with the Cost and Expense Fund Administrator shall be paid from funds in the MDL Expense Fund and the Litigating Subdivision Cost Fund and shall not be otherwise funded by Settling Distributors.

2. The MDL PEC will seek, and the Attorneys General for Settling States and the Settling Distributors will not oppose, a Common Benefit Fee Order requiring an assessment of 7.5% on the gross recovery (by judgment or settlement) of any Non-Participating Subdivision that is subject to the federal court jurisdiction, represented by a MDL PEC firm, represented by any Attorney receiving fees from the Common Benefit Fund, represented by any Attorney that signed a Participation Agreement or paid in a case otherwise under the jurisdiction of the MDL Court.

3. The MDL PEC shall provide to Settling Distributors information they have that identifies Attorneys who represent Litigating Subdivisions who are not Participating Subdivisions and who have an obligation to pay a common benefit assessment, either due to the MDL Court's orders or to having signed a Participation Agreement.

4. The MDL PEC shall retain ethics counsel of its choice to provide an opinion that addresses the compliance of its ethical obligations, as it relates to the Distributor Agreement. Such opinion shall address the issue of the potential conflict of interest for an Attorney that had represented a Participating Subdivision also representing a Later Litigating Subdivision as defined in the Distributor Agreement. This Section II.I shall be enforceable to the extent permitted by the equivalent to Rules 1.16 and 5.6 of the ABA Model Rules of Professional Conduct in the relevant jurisdictions. The opinion shall be provided to the Settling Distributors as soon as it is completed and, in any event, prior to July 31, 2021 and shall be disseminated to counsel eligible to apply to the Attorney Fee Fund within 30 days of the announcement of the Distributor Agreement. The MDL PEC represents that it will comply with this opinion until the Reference Date and thereafter if the Distributor Agreement proceeds. The cost of such expert work done

prior to the Effective Date of the Distributor Agreement shall be funded by Settling Distributors.

5. Participating Subdivisions agree to instruct their counsel to treat information, work product and expert materials as secret under Rule 1.6 of the ABA Model Rules of Professional Conduct. Accordingly, an Attorney shall not share information or work product with, or experts or materials to, non-participants (other than the Attorney's own current clients or their lawyers, consultants, experts or other representatives or agents). However, nothing herein shall prevent MDL Leadership or PEC Counsel from fulfilling their obligations in any MDL and the MDL Court Order.

III. Miscellaneous.

A. *Termination.* If the Distributor Agreement does not proceed past the Reference Date, whether because the Settling Distributors do not determine to proceed or for any other reason, this Fee Agreement shall be null and void, Settling Distributors shall have no obligation to make any payments under this Fee Agreement, and the Settling Distributors and the MDL PEC shall take such steps as are necessary to restore the status quo ante.

B. *MDL Court Consideration.* This Fee Agreement shall be attached as an exhibit to the Distributor Agreement. This Fee Agreement shall also be submitted jointly by the Settling Distributors and the MDL PEC to the MDL Court for approval pursuant to the motion that shall be attached, prior to the Preliminary Agreement Date of the Distributor Agreement, to this Fee Agreement as Exhibit B.

1. In the event that the MDL Court, through an order, makes any change to the amounts potentially to be paid by Settling Distributors under this Fee Agreement, makes any change to the Fee Panel's consideration of the factors set forth in Section II.C.4, or any other material change to the draft Order attached as part of Exhibit B or the terms of this Fee Agreement, the Settling Distributors and the MDL PEC shall meet and confer concerning such changes.

2. If the Settling Distributors and the MDL PEC are unable to reach agreement and revisions to this Fee Agreement in the event discussed in Section III.B.1, this Fee Agreement shall be null and void, Settling Distributors shall have no obligation to make any payments under this Fee Agreement, and the Settling Distributors and the MDL PEC shall take such steps as are necessary to restore the *status quo ante*.

C. *Amendment.* Once the MDL Court has entered an order implementing this Fee Agreement, this Fee Agreement can only be amended by (1) written agreement of the Settling Distributors and the MDL PEC and (2) approval by the MDL Court.

D. *Jurisdiction and Enforcement.* The MDL Court shall have exclusive and ongoing jurisdiction over the enforcement and implementation of this Fee Agreement as set forth herein. The MDL PEC shall be the Authorized Party to enforce this Fee Agreement, as to the payment obligations of the Settling Distributors as set forth in this Fee Agreement, and as to Attorneys making application to the Funds under this Fee Agreement. Solely for purposes of assessing or

allocating common benefit fees, the MDL Court will continue to have jurisdiction over the work product developed in the MDL Court by and under the direction of the MDL PEC with respect to claims against the Settling Defendants, including data and documents, depositions, expert reports, briefs and pleadings; and the MDL Court's protective orders, management orders, and other decisions regarding such discovery and other work product, including but not limited to, conditions on its use, will continue in full force and effect. Nothing in this Section III.D authorizes the MDL Court to act contrary to this Fee Agreement or to share any of the work product, or provides the MDL Court with jurisdiction over the Distributor Agreement.

Description of Mathematical Model for the Allocation of the Contingency Fee Funds

Distributor Settlement Agreement and Janssen Settlement Agreement

This document describes the Mathematical Model for allocation of the Contingency Fee Fund described in Exhibit R (Agreement of Attorney's Fees, Expenses and Costs) to the Distributor Settlement Agreement and the Janssen Settlement Agreement, respectively.[18] Awards of fees from the Contingency Fee Funds shall be available to Attorneys with Qualifying Representations of Participating Litigating Subdivisions eligible to receive an allocation under the corresponding agreements.[19] A Fee Panel shall oversee the application of the Model and resolve any questions or disputes concerning the eligibility of a counsel to participate. The Panel is empowered to hear disputes concerning and ensure the accuracy of the mathematical calculations.

In general terms, allocation of the Contingency Fee Fund shall be made by (1) determining the amount of the Settlement Fund that is attributable to each Litigating Subdivision; (2) making certain adjustments to these amounts based on when the Subdivision filed suit and the terms of the applicable fee contract; and (3) dividing the Contingency Fee Fund proportionately among counsel for each Participating Litigating Subdivision based on the amounts calculated in subpart 2.

Each Settling Defendant is responsible only for its own share of payments.[20] In other words, to collect a fee award from the Contingency Fee Fund against a Settling Defendant, the Participating Litigating Subdivision must have named the Settling Defendant in its lawsuit. The total amount of the Contingency Fee Fund in the Distributor Settlement Agreement is $516,923,077.[21] Amerisource's share is $160,246,153.97 (31.0%), Cardinal's share is $159,729,230.89 (30.9%), and McKesson's share is $196,947,692.46 (38.1%). The total amount of the Contingency Fee Fund in the Janssen Settlement Agreement is $123,076,923.[22]

More specifically, allocation of each Settling Defendant's share of the corresponding Contingency Fee Fund shall be made according to the following steps. These steps must be performed separately for each Settlement Agreement, and each Defendant is responsible for paying only its share of the Contingency Fee Fund. These calculations are made only for purpose of determining the percentage share of the Contingency Fee Fund that Attorneys for each Participating Litigating Subdivision should receive, ***not*** for determining the dollar amount each Subdivision will receive.

[18] *See* Distributor Settlement Agreement, Exhibit R § II.B.3; Janssen Settlement Agreement, Exhibit R § II.B.3.

[19] Distributor Settlement Agreement, Exhibit R § II.B.3; Janssen Settlement Agreement, Exhibit R § II.B.3

[20] Distributor Settlement Agreement, Exhibit R § II.A.5.

[21] Distributor Settlement Agreement, Exhibit R § II.D.1.

[22] Janssen Settlement Agreement, Exhibit R § II.D.1.

(1) For each Settling State, attribute 50% of the settlement funds for that State to its Subdivisions according to the Subdivision Allocation Percentage in Exhibit G to the Distributor Settlement Agreement or Janssen Settlement Agreement, as appropriate.

Illustrative example for the Distributor Agreement:

- Assume that State A is allocated 1.00000% of the $18,554,013,691.11 Restitution/Abatement amount [see Exhibit M of the Agreement].
- 50% of the 1% share allocated to State A is $92,770,068.46.
- Assume that, per Exhibit G of the Agreement, the Subdivision Allocation Percentage for City B in State A is 1.00000000%.
- For purposes of determining its counsel's share of the Contingency Fee Fund, City B is attributed 1.00000000% of $92,770,068.46, or $927,700.68.

(2) Adjust the amounts in paragraph 1 as follows:

a. *Upward Adjustment for Early Filers.* Increase the amount calculated in paragraph 1 above by 10% for any Litigating Subdivision that named the defendant(s) in a suit before December 5, 2017, the date the National Prescription Opiate Litigation MDL was formed. This adjustment must be done individually for each defendant. If the Litigating Subdivision did not name a Settling Defendant in a suit before January 1, 2021, then fees from the Contingency Fee Fund for that defendant will not be awarded to Attorneys with otherwise Qualifying Representations of that Participating Litigating Subdivision.

Illustrative Example:

- Assume City C is attributed $1,000,000 under paragraph 1 above.
- If City C named the defendant(s) before 12/5/2017, the attributed amount would be adjusted to $1,100,000.

b. *Determine Amount Due under Contingency Fee Contract*. Determine the amount that would be due to Attorneys with Qualifying Representations of each Participating Litigating Subdivision under the terms of the applicable fee contract if the Participating Litigating Subdivision were to receive the amount calculated in paragraph 2.a. This amount can be referred to as the Contingency Fee Assumption.

Illustrative Example:

Continuing the example given in paragraph 2.a, if Attorneys have a 20% contingency fee contract with City C for the relevant litigation, the amount calculated in this step would be 20% of $1,100,000, or $220,000.

In the next step, the Contingency Fee Assumption is used to determine the percentage share of the Contingency Fee Fund due to Attorneys for each Participating Litigating Subdivision.

(3) Divide the Contingency Fee Fund proportionately among Attorneys for each Participating Litigating Subdivision in two ways:

a. *National Fee Pool Calculation.* Determine each Litigating Subdivision's percentage share of all amounts due under contingency fee contracts nationwide by dividing the Contingency Fee Assumption calculated for each Subdivision in paragraph 2.b by the sum of all Contingency Fee Assumptions. Then multiply that percentage by the Contingency Fee Fund to figure each Subdivision's dollar share of the Contingency Fee Fund (but only for Settling Defendants the Subdivision timely named in a lawsuit).[23]

Illustrative example for Distributor Settlement Agreement:

- $220,000 [from para. 2.b] ÷ $1,800,000,000 [total amount owed under contingency fee contracts nationwide] = 0.012222%[24]
- 0.012222% * $516,923,077.32 [Contingency Fee Fund] = $63,179.49

b. *Separate State Fee Pools Calculation.* Determine each Litigating Subdivision's percentage share of all amounts due under contingency fee contracts statewide by dividing the Contingency Fee Assumption calculated for each Subdivision in paragraph 2.b by the sum of all Contingency Fee Assumptions in the same State. Then multiply that percentage by the portion of the Contingency Fee Fund that corresponds to that State's Overall Allocation Percentage, shown in Exhibit F of the relevant Settlement Agreement, to figure each Subdivision's dollar share of the Contingency Fee Fund (but only for Settling Defendants the Subdivision timely named in a lawsuit).

Illustrative example for Distributor Settlement Agreement:

- 1% * $516,923,077.32 = $5,169,230.77 [amount of the Contingency Fee Fund corresponding to State A]

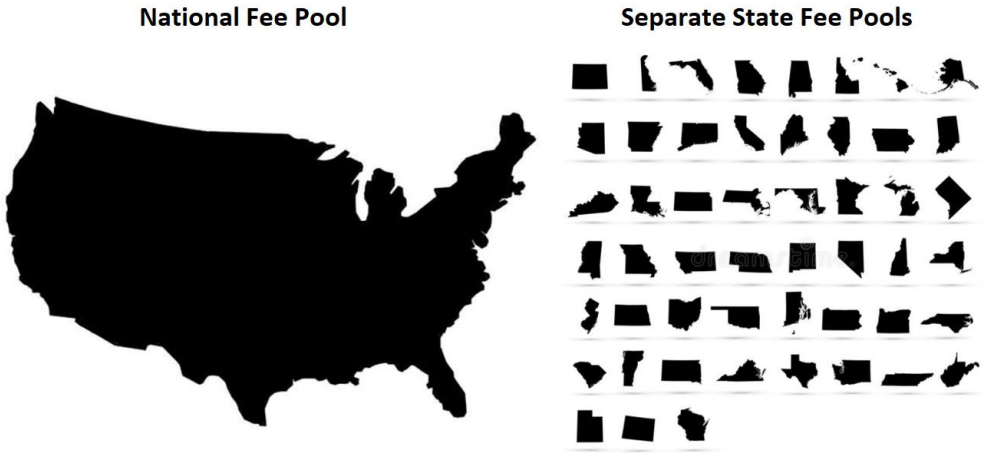
[23] Because a few Litigating Subdivisions named only one or two of the Distributors in a lawsuit before January 1, 2021, each Subdivision's share of the Contingency Fee Fund is slightly different for each distributor. Therefore, under the Distributor Settlement Agreement, the calculations described in this step need to be made separately for each Settling Defendant. It is shown in a single calculation here for ease of illustration only.

[24] In this example, $1.8 billion is the amount theoretically owed under all contingency fee contracts for litigation against distributors as calculated in paragraph 2.b. This amount is illustrative only; the actual amount will not be known until all litigating subdivisions are identified and the terms of all of their contingency fee contracts are collected.

- Assume a total of $17,600,000 is owed under contingency fee contracts for State A.
- $220,000 [from para. 2.b] ÷ $17,600,000 = 1.25%
- 1.25% * $5,169,230.77 = $64,615.38

The award of fees to Attorneys with Qualifying Representations of Participating Litigating Subdivisions will be the average of the final amounts calculated in paragraphs 3.a and 3.b above.[25]

Paragraph 3.a represents allocation based on a proportional share of a National Fee Pool, while paragraph 3.b represents allocation based on a proportional share of the Separate State Fee Pools. In other words, for the National Fee Pool described above in paragraph 3.a, the contingency fee contract rate is compared to all other contingency fee contract rates in the nation. For the Separate State Fee Pools described above in paragraph 3.b, the contingency fee contract terms are compared to the other contingency fee contract terms in that same State. The National Fee Pool and the Separate State Fee Pools are given equal weighting. This is illustrated below.



Using the first methodology, Attorneys for two Subdivisions <u>in different States</u> with the same amount calculated under paragraph 2.b would be assigned the same amount under paragraph 3.a. Using the second methodology, Attorneys for the same two Subdivisions would be assigned different amounts under paragraph 3.b because they are in different States. Specifically, the Subdivision in the State with a smaller proportion of Participating

[25] The model also enforces a maximum fee award of 20% of the amount calculated in 2.b. This rule is designed to prevent windfalls by addressing over-allocation in a small number of states with relatively few Litigating Subdivisions. An estimated 97% of Qualifying Representations are not impacted this rule. The description in this document of the Mathematical Model is by necessity an abstraction; the precise contours of the calculations are defined in the model itself.

Litigating Subdivisions would be allocated more than the Subdivision in the State with a greater proportion of Participating Litigating Subdivisions.

EXHIBIT S

Agreement on the State Outside Counsel Fee Fund

1. **Creation of a State Outside Counsel Fee Fund.** The Settling Distributors and the Settling States agree to the creation of a state outside counsel fee fund to pay reasonable attorneys' fees of Settling States which have retained outside counsel in connection with litigation against the Settling Distributors (such fund, the "*State Outside Counsel Fee Fund*").

2. **State Outside Counsel Fee Fund Administration.** The State Outside Counsel Fee Fund shall be administered separately from the Common Benefit Fund, the Contingency Fee Fund, the State Cost Fund, and the MDL Expense Fund. A committee of Attorneys General shall oversee the State Outside Counsel Fee Fund (the "*Fee Fund Committee*"). The Fee Fund Committee shall initially consist of the following States: (a) Delaware; (b) Florida; (c) Georgia; (d) Indiana; (e) Michigan; (f) Ohio; and (g) Rhode Island. The Fee Fund Committee shall select a settlement fund administrator, who may or may not be different from the Settlement Fund Administrator (the "*Fee Fund Administrator*") and who shall administer the State Outside Counsel Fee Fund according to the guidelines and directives of the Fee Fund Committee.

3. **State Outside Counsel Fee Eligibility.** To receive any amount from the State Outside Counsel Fee Fund, an outside counsel to a Settling State must have filed and maintained an action in the name of a Settling State or its Attorney General against a Settling Distributor in a state or federal court as of June 1, 2021. No Settling State shall receive funds from both the State Outside Counsel Fee Fund and the Additional Restitution Amount as set forth in Section IX.

4. **State Outside Counsel Fee Fund Amount.** The Settling Distributors shall pay funds into the State Outside Counsel Fee Fund according to the schedule set forth below, subject to any suspensions, offsets, reductions, or adjustments provided for in the Agreement or described below:

Payment Year 1 Payment Date	$136,044,379
Payment Year 2 Payment Date	$129,230,769
Payment Year 3 Payment Date	$17,417,160

5. **State Outside Counsel Fee Fund Availability and Calculation of Amount.**
   a. The State Outside Counsel Fee Fund shall be available to compensate private outside counsel for Settling State Attorneys General for approved fees arising out of representation of the Settling State pursuant to the schedule developed by the Fee Fund Committee and provided to the Settling Distributors.
   b. Fees shall be calculated by adding two components: (a) a fixed amount consisting of fifty percent (50%) of the amount allocated to a Settling State pursuant to Exhibit F multiplied by 4.5%; and (b) a proportional percentage of the remaining fee due under that Settling State's contract assuming that fifty

percent (50%) of the Settling State's recovery is allocable to a Settling State (rather than allocable to the Settling State's Participating Subdivisions) so that the fees of all Settling States (minus the fixed amount that would have been allocated to any Non-Settling States had they become Settling States) exhausts the State Outside Counsel Fee Fund. The proportional share percentage will be the same for each Settling State included in the State Outside Counsel Fee Fund. All amounts paid will be less any costs or fees of the Fee Fund Administrator.

6. **Payment by the Fee Fund Administrator**.

a. If a Settling State's outside counsel agrees that the amount calculated in Paragraph 5 above either satisfies in full or exceeds the amounts owed to all such Settling State's outside counsel, then upon written notice waiving all entitlement to any additional fee, the Fee Fund Administrator shall pay that Settling State's outside counsel the amount that satisfies the Settling State's obligation in full and, in no event more than (i) such obligation or (ii) the amount pursuant to the calculation and any schedule created by the Fee Fund Committee.

b. If a Settling State's outside counsel does not agree that the amount calculated in Paragraph 5 above either satisfies in full or exceeds the amounts owed by the Settling State, then the Settling State's share shall be placed in an interest-bearing escrow account (less reasonable expenses of the Fee Fund Administrator) and held unless and until the Settling State and its outside counsel agree in a signed writing to a resolution of the amount outstanding or there is a final judgment entered that is no longer appealable.

c. Upon being provided a signed, written agreement or the final non-appealable judgment, the Fee Fund Administrator shall release monies from the State Outside Counsel Fee Fund in either the amount held by the Fee Fund Administrator, if the amount of the agreement or judgment is equal to or more than the amount held, or the amount indicated in the agreement or in the final judgment, if the amount in the agreement or judgment is less than the amount held.

d. Nothing herein, including the amounts listed in paragraph 5 above, shall prevent a Settling State from arguing in any proceeding with its outside counsel that (i) its recovery was less than fifty percent (50%) of the recovery in the Settlement Agreement down to and including fifteen percent (15%) of the total recovery; (ii) any payment should be discounted by an appropriate discount rate commensurate to the risk of the Settlement Agreement and the timeline that the Settling State is receiving its payments; (iii) the settlement amount should be lower because the amount a Settling State receives was reduced because such Settling State's outside counsel failed to obtain joinder from a Settling State's Subdivision(s) that the outside counsel also

represented; or (iv) any limitation placed by the Settling Distributors bars payment of a higher fee to outside counsel.

e. In the event the amount due to the Settling State's outside counsel from an escrow account is less than the total amount of funds escrowed on the account of the Settling State, the balance shall be paid to the Settling State. In no event, other than a State becoming a Non-Settling State, shall funds revert to a Settling Distributor.

f. Amounts owed by Settling Distributors to the State Outside Counsel Fee Fund shall be reduced and/or credited to Settling Distributors by amounts allocated on the above-mentioned schedule for outside counsel in Non-Settling States.

7. **Reversion or Reduction of Amounts owed to Non-Settling States.** Amounts owed by Settling Distributors to the State Outside Counsel Fee Fund shall be reduced proportionally across payments owed by the Settling Distributors by amounts allocated to the fixed amount on the below schedule for outside counsel in the event that a listed State becomes a Non-Settling State. In the event the Fee Fund Administrator receives part or all of the fixed amount due to a Non-Settling State from a Settling Distributor, the Fee Fund Administrator shall return the amount allocable to that Non-Settling State's fixed amount to the Settling Distributor.

State	Distributor Allocation %	Distributor Payment Amount	State Share	Contract Rate	Full Contract Amount	Fixed Amount
Alabama	1.6419%	$312,711,699.09	$156,355,849.55	TIPAC	$18,201,265.32	**$7,036,013.23**
Alaska	0.2585%	$49,223,759.07	$23,611,879.53	20%	$4,922,375.91	**$1,107,534.58**
Arkansas	0.9663%	$184,044,819.65	$92,022,409.82	TIPAC	$8,101,120.49	**$4,141,008.44**
Delaware	0.49%	$93,322,747.66	$46,661,373.83	21%	$9,798,888.50	**$2,099,761.82**
Florida	7.0259%	$1,338,112,237.57	$669,056,118.79	TIPAC	$36,952,805.94	**$30,107,525.35**
Georgia	2.7882%	$531,024,939.66	$265,512,469.83	8%	$21,240,997.59	**$11,948,061.14**
Hawaii	0.3418%	$65,103,946.38	$32,551,973.19	17%	$5,533,835.44	**$1,464,838.79**
Idaho	0.5254%	$100,070,766.60	$50,035,383.30	10%	$5,003,538.33	**$2,251,592.25**
Indiana	2.2169%	$422,215,856.62	$211,107,928.31	TIPAC	$14,055,396.42	**$9,499,856.77**
Kentucky	2.093%	$398,614,767.86	$199,307,383.93	TIPAC	$12,215,369.20	**$8,968,832.28**
Michigan	3.402%	$647,928,460.07	$323,964,230.04	12%	$38,875,707.60	**$14,578,390.35**
Mississippi	0.8899%	$169,482,650.39	$84,741,325.19	TIPAC	$7,737,066.26	**$3,813,359.63**
Montana	0.3422%	$65,166,981.56	$32,583,490.78	20, 18, and 15% by amount	$5,916,934.37	**$1,466,257.09**
Nevada	1.2487%	$237,815,036.99	$118,907,518.50	19%	$22,592,428.52	**$5,350,838.33**
New Hampshire	0.6259%	$119,200,348.62	$59,600,174.31	27%	16,092,047.06	**$2,682,007.84**
New Mexico	0.8557%	$162,975,902.53	$81,487,951.27	24%	$19,557,108.30	**$3,666,957.81**
Ohio	4.3567%	$829,751,250.63	$414,875,625.32	TIPAC	$24,243,781.27	**$18,669,403.14**
Oklahoma	1.5832%	$301,519,407.96	$150,759,703.98	25%	$37,689,926.00	**$6,784,186.68**
Puerto Rico	0.7263%	$138,330,459.13	$69,165,229.57	25%	$17,291,307.39	**$3,112,435.33**
Rhode Island	0.4896%	$93,239,095.60	$46,619,547.80	17%	$7,925,323.13	**$2,097,879.65**
South Carolina	1.5835%	$301,577,078.44	$150,788,539.22	TIPAC	$21,781,541.57	**$6,785,484.26**
South Dakota	0.217%	$41,327,454.40	$20,663,727.20	12%	$2,479,647.26	**$929,867.72**

Utah	1.1889%	$226,438,902.67	$113,219,451.34	TIPAC Modified by K	$2,714,389.03	**$2,714,389.03**
Vermont	0.2844%	$54,169,670.90	$27,084,835.45	TIPAC	$4,958,483.55	**$1,218,817.60**
Washington	2.3189%	$441,644,189.13	$220,822,094.57	Statute	$10,900,000	**$9,936,994.26**

EXHIBIT T

Agreement on the State Cost Fund Administration

1. **Creation of a State Cost Fund.** The Settling Distributors and the Settling States agree to the creation of a state cost fund to pay litigation costs and expenses associated with litigation and investigation related to the opioid litigation (such fund, the "*State Cost Fund*"). The State Cost Fund shall be administered separately from the Common Benefit Fund, the Contingency Fee Fund, the State Counsel Fee Fund, and the MDL Expense Fund.

2. **State Cost Fund Amount and to Whom Owed.** On the Payment Date of Payment Year 1, the Settling Distributors shall pay into the State Cost Fund $56,538,461.00 (the "*State Cost Fund Amount*"). No funds may be released from the State Cost Fund to Non-Settling States.

3. **State Cost Fund Committee.** A committee of Attorneys General or their designated representatives (such committee, the "*State Cost Fund Committee*") shall oversee the State Cost Fund. The committee shall initially consist of the following States: (a) Delaware; (b) Florida; (c) Georgia; (d) New York; (e) North Carolina; (f) Ohio; (g) Tennessee; and (h) Texas. The Attorneys General may by majority vote add or change the composition of the State Cost Fund Committee, including replacing any above State, if that State is not a Settling State.

4. **State Cost Fund Administrator.** The State Cost Fund Committee shall select an administrator (the "*State Cost Fund Administrator*"). The State Cost Fund Administrator may or may not be different from the Settlement Fund Administrator. The State Cost Fund Administrator shall administer the State Cost Fund and direct payments to Settling States.

5. **State Cost Fund Guidelines.** Monies in the State Cost Fund shall be released without any delay to reimburse Settling States for documented costs incurred or paid in connection with litigation and investigation related to the opioid litigation. In allocating the State Cost Fund, no funds shall be allocated for costs incurred after July 21, 2021. The State Cost Fund Committee shall establish guidelines for the submission and approval of expenses eligible for reimbursement from the State Cost Fund. The State Cost Fund Administrator shall, in accordance with such guidelines, receive from Settling States records sufficient to demonstrate the incurrence and payment of each expense attributable to litigation or investigation related to the opioid litigation, including any outstanding National Association of Attorneys General grant.

6. **State Cost Fund Payment Priorities and Residual.** To the extent the aggregate eligible submissions of costs and expenses from Settling States exceed the State Cost Fund Amount, payments to Settling States shall be paid in the order described in this section until the State Cost Fund is exhausted. If the State Cost Fund is unable to fully pay costs at any of the following levels, then Settling States with costs at that level shall be paid on a proportional basis. All expenses with a lesser priority from the level where the State Cost Fund is exhausted will not be reimbursed from the State Cost Fund. Costs shall be paid in the following order of priority:

(a) the reasonable costs of the State Cost Fund Administrator, if any; (b) repayment of the National Association of Attorneys General grants connected to opioid litigation; (c) costs incurred or paid by outside counsel for a Settling State litigating against the Settling Distributors apart from any fee owed; (d) litigation-related costs attributable to the Settling Distributors incurred or paid by a Settling State litigating against the Settling Distributors; and (e) pre-suit investigation-related costs attributable to the Settling Distributors incurred or paid by either a Settling State outside counsel (not including any amount of fees or any costs which have already been reimbursed pursuant to clause (c), above) or a Settling State investigating the Settling Distributors. If the State Cost Fund has additional monies after payment of the State Cost Fund Administrator's and all Settling States' submitted costs, then the remaining funds will be provided to the National Association of Attorneys General to be placed in the Financial Services Fund for the purpose of funding grants for consumer protection- or healthcare-related enforcement or training activities. In determining what costs are attributable to the Settling Distributors, the State Fund Committee shall develop a guideline that ensures that all Settling States are treated equitably.

EXHIBIT U

ABC IRS Form 1098-F

0303 ☐ VOID ☐ CORRECTED

FILER'S name, street address, city or town, state or province, country, ZIP or foreign postal code, and telephone no. [APPROPRIATE OFFICIAL] [DESIGNATED STATE] [ADDRESS]		1 Total amount required to be paid $ 6,379,375,013.53 2 Restitution/remediation amount $ 5,839,378,859.97	OMB No. 1545-2284 Form **1098-F** (Rev. December 2019) For calendar year 2021
FILER'S TIN XX-XXXXXXX	PAYER'S TIN 23-3079390	3 Compliance amount $	4 Date of order/agreement XX/XX/2021
PAYER'S name AmerisourceBergen Corporation		5 Jurisdiction U.S. District Court for the Northern District of Ohio and jurisdictions of other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of []. 6 Case number No. 1:17-MD-2804 and other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of [].	
Street address (including apt. no.) 1 West First Avenue		7 Name or description of matter/suit/agreement National Prescription Opiate Litigation	
City or town, state or province, country, and ZIP or foreign postal code Conshohocken, PA 19428		8 Code A, B, I	

Fines, Penalties, and Other Amounts

Copy A
For Internal Revenue Service Center
File with Form 1096.
For Privacy Act and Paperwork Reduction Act Notice, see the **current General Instructions for Certain Information Returns.**

Form **1098-F** (Rev. 12-2019) Cat. No. 71382B www.irs.gov/Form1098F Department of the Treasury - Internal Revenue Service

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EXHIBIT V

Cardinal IRS Form 1098-F

0303 ☐ VOID ☐ CORRECTED

FILER'S name, street address, city or town, state or province, country, ZIP or foreign postal code, and telephone no. [APPROPRIATE OFFICIAL] [DESIGNATED STATE] [ADDRESS]	1 Total amount required to be paid $ 6,358,796,384.46	OMB No. 1545-2284 Form **1098-F** (Rev. December 2019)	**Fines, Penalties, and Other Amounts**
	2 Restitution/remediation amount $ 5,820,542,153.63	For calendar year 20 21	
FILER'S TIN XX-XXXXXXX PAYER'S TIN 31-0958666	3 Compliance amount $	4 Date of order/agreement XX/XX/2021	**Copy A For Internal Revenue Service Center** **File with Form 1096.**
PAYER'S name Cardinal Health, Inc. and consolidated subsidiaries	5 **Jurisdiction** U.S. District Court for the Northern District of Ohio and jurisdictions of other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of [ ].		For Privacy Act and Paperwork Reduction Act Notice, see the **current General Instructions for Certain Information Returns.**
Street address (including apt. no.) 7000 Cardinal Place	6 Case number No. 1:17-MD-2804 and other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of [ ].		
City or town, state or province, country, and ZIP or foreign postal code Dublin, Ohio 43017	7 Name or description of matter/suit/agreement National Prescription Opiate Litigation		
	8 Code A, B, I		

Form **1098-F** (Rev. 12-2019) Cat. No. 71382B www.irs.gov/Form1098F Department of the Treasury - Internal Revenue Service

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EXHIBIT W

McKesson IRS Form 1098-F

0303 ☐ VOID ☐ CORRECTED

FILER'S name, street address, city or town, state or province, country, ZIP or foreign postal code, and telephone no. [APPROPRIATE OFFICIAL] [DESIGNATED STATE] [ADDRESS]		1 Total amount required to be paid $ $7,840,457,678.30	OMB No. 1545-2284 Form **1098-F** (Rev. December 2019)
		2 Restitution/remediation amount $ 7,176,784,986.23	For calendar year 20 21
FILER'S TIN XX-XXXXXXX	PAYER'S TIN XX-XXXXXXX	3 Compliance amount $	4 Date of order/agreement XX/XX/2021
PAYER'S name McKesson Corporation		5 Jurisdiction U.S. District Court for the Northern District of Ohio and jurisdictions of other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of [ ].	
Street address (including apt. no.) 6535 N. State Highway 161		6 Case number No. 1:17-MD-2804 and other cases settled under the Settlement Agreement entered into by the Settling Distributors and Settling States (each as defined in such agreement), dated as of [ ].	
City or town, state or province, country, and ZIP or foreign postal code Irving, TX 75039		7 Name or description of matter/suit/agreement National Prescription Opiate Litigation,	
		8 Code A, B, I	

Fines, Penalties, and Other Amounts

Copy A
For Internal Revenue Service Center
File with Form 1096.
For Privacy Act and Paperwork Reduction Act Notice, see the **current General Instructions for Certain Information Returns.**

Form **1098-F** (Rev. 12-2019) Cat. No. 71382B www.irs.gov/Form1098F Department of the Treasury - Internal Revenue Service
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EXHIBIT X

Severity Factors

State	Severity Factor
Alabama	108.5243%
Alaska	107.8614%
American Samoa	102.7639%
Arizona	107.7129%
Arkansas	103.2818%
California	82.8688%
Colorado	95.2263%
Connecticut	121.0971%
Delaware	155.5946%
District of Columbia	88.3270%
Florida	107.9604%
Georgia	86.6675%
Guam	96.8019%
Hawaii	77.1051%
Idaho	93.0570%
Illinois	86.6318%
Indiana	108.6768%
Iowa	78.2056%
Kansas	89.6374%
Kentucky	150.0126%
Louisiana	105.2878%
Maine	132.7534%
Maryland	115.2160%
Massachusetts	110.3001%
Michigan	112.4239%
Minnesota	75.9148%
Mississippi	96.7243%
Missouri	107.8496%
Montana	99.7815%
N. Mariana Islands	100.2421%
Nebraska	71.9045%
Nevada	130.5519%
New Hampshire	144.4997%
New Jersey	102.3701%
New Mexico	128.9295%

New York	91.4472%
North Carolina	102.2754%
North Dakota	76.0864%
Ohio	123.0063%
Oklahoma	129.3047%
Oregon	108.9094%
Pennsylvania	118.2821%
Puerto Rico	73.9803%
Rhode Island	143.8802%
South Carolina	99.6801%
South Dakota	76.4482%
Tennessee	129.9078%
Texas	71.6286%
Utah	119.5878%
Vermont	140.2239%
Virgin Islands	100.4396%
Virginia	88.1611%
Washington	100.5007%
Wisconsin	99.6616%
Wyoming	100.9659%

JANSSEN SETTLEMENT AGREEMENT

This settlement agreement dated as of July 21, 2021 (the "*Agreement*") sets forth the terms of settlement between and among the Settling States, Participating Subdivisions, and Janssen (as those terms are defined below). Upon satisfaction of the conditions set forth in Sections II and VIII, this Agreement will be binding on the Settling States, Janssen, and Participating Subdivisions. This Agreement will then be filed as part of Consent Judgments in the respective courts of each of the Settling States, pursuant to the terms set forth in Section VIII.

I. Definitions

Unless otherwise specified, the following definitions apply:

1. "*Abatement Accounts Fund*" means a component of the Settlement Fund described in subsection VI.E.

2. "*Additional Restitution Amount*" means the amount available to Settling States listed in Exhibit N of $67,307,692.

3. "*Agreement*" means this agreement as set forth above, inclusive of all exhibits.

4. "*Alleged Harms*" means the alleged past, present, and future financial, societal, and related expenditures arising out of the alleged misuse and abuse of opioid products, non-exclusive examples of which are described in the documents listed on Exhibit A, that have allegedly arisen as a result of the physical and bodily injuries sustained by individuals suffering from opioid-related addiction, abuse, death, and other related diseases and disorders, and that have allegedly been caused by Janssen.

5. "*Allocation Statute*" means a state law that governs allocation, distribution, and/or use of some or all of the Settlement Fund amounts allocated to that State and/or its Subdivisions. In addition to modifying the allocation, as set forth in subsection VI.D.2, an Allocation Statute may, without limitation, contain a Statutory Trust, further restrict expenditure of funds, form an advisory committee, establish oversight and reporting requirements, or address other default provisions and other matters related to the funds. An Allocation Statute is not required to address all three (3) types of funds comprising the Settlement Fund or all default provisions.

6. "*Annual Payment*" means the total amount payable to the Settlement Fund by Janssen on the Payment Date each year in 2023 and onward, as calculated by the Settlement Fund Administrator pursuant to Section V. For the avoidance of doubt, this term does not include the Additional Restitution Amount or amounts paid pursuant to Section XI.

7. "*Appropriate Official*" means the official defined in subsection XIII.E.

8. "*Attorney Fee Fund*" means an account consisting of funds allocated to pay attorneys' fees and costs pursuant to the agreement on attorneys' fees and costs attached as Exhibit R.

9. "*Bar*" means either (1) a ruling by the highest court of the State or the intermediate court of appeals when not subject to further review by the highest court of the State in a State with a single intermediate court of appeals setting forth the general principle that no Subdivisions or Special Districts in the State may maintain Released Claims against Released Entities, whether on the ground of the Agreement (or the release in it) or otherwise; (2) a law barring Subdivisions and Special Districts in the State from maintaining or asserting Released Claims against Released Entities (either through a direct bar or through a grant of authority to release claims and that authority is exercised in full); or (3) a Settlement Class Resolution in the State with full force and effect. For the avoidance of doubt, a law or ruling that is conditioned or predicated upon payment by a Released Entity (apart from payments by Janssen incurred under the Agreement) shall not constitute a Bar.

10. "*Case-Specific Resolution*" means either (1) a law barring specified Subdivisions or Special Districts from maintaining Released Claims against Released Entities (either through a direct bar or through a grant of authority to release claims and that authority is exercised in full); (2) a ruling by a court of competent jurisdiction over a particular Subdivision or Special District that has the legal effect of barring the Subdivision or Special District from maintaining any Released Claims at issue against Released Entities, whether on the ground of the Agreement (or the release in it) or otherwise; or (3) in the case of a Special District, a release consistent with Section IV below. For the avoidance of doubt, a law, ruling, or release that is conditioned or predicated upon a post-Effective Date payment by a Released Entity (apart from payments by Janssen incurred under the Agreement or injunctive relief obligations incurred by it) shall not constitute a Case-Specific Resolution.

11. "*Claim*" means any past, present or future cause of action, claim for relief, cross-claim or counterclaim, theory of liability, demand, derivative claim, request, assessment, charge, covenant, damage, debt, lien, loss, penalty, judgment, right, obligation, dispute, suit, contract, controversy, agreement, parens patriae claim, promise, performance, warranty, omission, or grievance of any nature whatsoever, whether legal, equitable, statutory, regulatory or administrative, whether arising under federal, state or local common law, statute, regulation, guidance, ordinance or principles of equity, whether filed or unfiled, whether asserted or unasserted, whether known or unknown, whether accrued or unaccrued, whether foreseen, unforeseen or unforeseeable, whether discovered or undiscovered, whether suspected or unsuspected, whether fixed or contingent, and whether existing or hereafter arising, in all such cases, including but not limited to any request for declaratory, injunctive, or equitable relief, compensatory, punitive, or statutory damages, absolute liability, strict liability, restitution, subrogation, contribution, indemnity, apportionment, disgorgement, reimbursement, attorney fees, expert

fees, consultant fees, fines, penalties, expenses, costs or any other legal, equitable, civil, administrative, or regulatory remedy whatsoever.

12. "*Claim Over*" means a Claim asserted by a Non-Released Entity against a Released Entity on the basis of contribution, indemnity, or other claim-over on any theory relating to a Non-Party Covered Conduct Claim asserted by a Releasor.

13. "*Compensatory Restitution Amount*" means the aggregate amount of payments by Janssen hereunder other than amounts paid as attorneys' fees and costs or identified pursuant to subsection VI.B.2 as being used to pay attorneys' fees and investigation costs or litigation costs.

14. "*Consent Judgment*" means a state-specific consent judgment in a form to be agreed upon by the Settling States, Participating Subdivisions, and Janssen prior to the Initial Participation Date that, among other things, (1) approves this Agreement and (2) provides for the release set forth in Section IV, including the dismissal with prejudice of any Released Claims that the Settling State has brought against Released Entities.

15. "*Court*" means the respective court for each Settling State to which the Agreement and the Consent Judgment are presented for approval and/or entry as to that Settling State, or the Northern District of Ohio for purposes of administering the Attorney Fee Fund and any related fee and cost agreements.

16. "*Covered Conduct*" means any actual or alleged act, failure to act, negligence, statement, error, omission, breach of any duty, conduct, event, transaction, agreement, misstatement, misleading statement or other activity of any kind whatsoever from the beginning of time through the Reference Date (and any past, present, or future consequence of any such act, failure to act, negligence, statement, error, omission, breach of duty, conduct, event, transaction, agreement, misstatement, misleading statement or other activity) relating in any way to (a) the discovery, development, manufacture, packaging, repackaging, marketing, promotion, advertising, labeling, recall, withdrawal, distribution, delivery, monitoring, reporting, supply, sale, prescribing, dispensing, physical security, warehousing, use or abuse of, or operating procedures relating to any Product, or any system, plan, policy, or advocacy relating to any Product or class of Products, including but not limited to any unbranded promotion, marketing, programs, or campaigns relating to any Product or class of Products; (b) the characteristics, properties, risks, or benefits of any Product; (c) the reporting, disclosure, non-reporting or non-disclosure to federal, state or other regulators of orders for any Product placed with any Released Entity; (d) the selective breeding, harvesting, extracting, purifying, exporting, importing, applying for quota for, procuring quota for, handling, promoting, manufacturing, processing, packaging, supplying, distributing, converting, or selling of, or otherwise engaging in any activity relating to, precursor or component Products, including but not limited to natural, synthetic, semi-synthetic or chemical raw materials, starting materials, finished

active pharmaceutical ingredients, drug substances, or any related intermediate Products; or (e) diversion control programs or suspicious order monitoring related to any Product.

17. "*Designated State*" means New York.

18. "*Effective Date*" means the date sixty (60) days after the Reference Date.

19. "*Enforcement Committee*" means a committee consisting of representatives of the Settling States and of the Participating Subdivisions. Exhibit B contains the organizational bylaws of the Enforcement Committee. Notice pursuant to subsection XIII.O shall be provided when there are changes in membership or contact information.

20. "*Global Settlement Abatement Amount*" means the abatement amount of $4,534,615,385.

21. "*Global Settlement Amount*" means $5 billion, which shall be divided into the Global Settlement Abatement Amount, the Additional Restitution Amount, and the Global Settlement Attorney Fee Amount.

22. "*Global Settlement Attorney Fee Amount*" means the attorney fee amount of $398,076,923.

23. "*Incentive A*" means the incentive payment described in subsection V.E.4.

24. "*Incentive B*" means the incentive payment described in subsection V.E.5.

25. "*Incentive C*" means the incentive payment described in subsection V.E.6.

26. "*Incentive D*" means the incentive payment described in subsection V.E.7.

27. "*Incentive Payment Final Eligibility Date*" means, with respect to a Settling State, the date that is the earliest of (1) three years after the Effective Date; (2) the date of completion of opening statements in a trial of any action brought by a Subdivision in that State that includes a Released Claim against a Released Entity when such date is more than two (2) years after the Effective Date; or (3) two (2) years after the Effective Date in the event a trial of an action brought by a Subdivision in that State that includes a Released Claim against a Released Entity began after the Initial Participation Date but before two (2) years after the Effective Date.

28. "*Initial Participating Subdivision*" means a Subdivision that meets the requirements set forth in subsection VII.D.

29. "*Initial Participation Date*" means the date one hundred twenty (120) days after the Preliminary Agreement Date, unless it is extended by written agreement of Janssen and the Enforcement Committee.

30. "*Initial Year Payment*" means the total amount payable to the Settlement Fund by Janssen on each of the two Payment Dates in 2022, as calculated by the Settlement Fund Administrator pursuant to Section V. For the avoidance of doubt, this term does not include the Additional Restitution Amount or amounts paid pursuant to Section XI.

31. "*Injunctive Relief Terms*" means the terms described in Section III and set forth in Exhibit P.

32. "*Janssen*" means Johnson & Johnson, Janssen Pharmaceuticals, Inc., Ortho-McNeil-Janssen Pharmaceuticals, Inc., and Janssen Pharmaceutica, Inc.

33. "*Later Litigating Special District*" means a Special District (or Special District official asserting the right of or for the Special District to recover for alleged harms to the Special District and/or the people thereof) that is not a Litigating Special District and that files a lawsuit bringing a Released Claim against a Released Entity, or that adds such a claim to a pre-existing lawsuit, after the Preliminary Agreement Date. It may also include a Litigating Special District whose claims were resolved by a judicial Bar or Case-Specific Resolution which is later revoked following the execution date of this Agreement, when such Litigating Special District takes any affirmative step in its lawsuit other than seeking a stay or removal.

34. "*Later Litigating Subdivision*" means a Subdivision (or Subdivision official asserting the right of or for the Subdivision to recover for alleged harms to the Subdivision and/or the people thereof) that is not a Litigating Subdivision and that files a lawsuit bringing a Released Claim against a Released Entity, or that adds such a claim to a pre-existing lawsuit, after the Trigger Date. It may also include a Litigating Subdivision whose claims were resolved by a judicial Bar or Case-Specific Resolution which is later revoked following the execution date of this Agreement, when such Litigating Subdivision takes any affirmative step in its lawsuit other than seeking a stay or removal.

35. "*Later Participating Subdivision*" means a Participating Subdivision that meets the requirements of subsection VII.E but is not an Initial Participating Subdivision.

36. "*Litigating Special District*" means a Special District (or Special District official) that brought any Released Claims against any Released Entities on or before the Preliminary Agreement Date that were not separately resolved prior to that date. A list of Litigating Special Districts will be agreed to by the parties and attached hereto as of the Preliminary Agreement Date.

37. "*Litigating Subdivision*" means a Subdivision (or Subdivision official asserting the right of or for the Subdivision to recover for alleged harms to the Subdivision and/or the people thereof) that brought any Released Claim against any Released Entity prior to the Trigger Date that were not separately resolved prior to that

Trigger Date. A Prior Litigating Subdivision shall not be considered a Litigating Subdivision. Exhibit C is an agreed list of the Litigating Subdivisions. Exhibit C will be updated (including with any corrections) periodically, and a final version of Exhibit C will be attached hereto as of the Reference Date.

38. "*National Arbitration Panel*" means the panel described in subsection XII.F.

39. "*National Disputes*" means the disputes described in subsection XII.F.

40. "*Non-Litigating Special District"* means a Special District that is neither a Litigating Special District nor a Later Litigating Special District.

41. "*Non-Litigating Subdivision*" means a Subdivision that is neither a Litigating Subdivision nor a Later Litigating Subdivision.

42. "*Non-Participating Subdivision*" means a Subdivision that is not a Participating Subdivision.

43. "*Non-Party Covered Conduct Claim*" means a Claim against any Non-Released Entity involving, arising out of, or related to Covered Conduct (or conduct that would be Covered Conduct if engaged in by a Released Entity).

44. "*Non-Party Settlement*" means a settlement by any Releasor that settles any Non-Party Covered Conduct Claim and includes a release of any Non-Released Entity.

45. "*Non-Released Entity*" means an entity that is not a Released Entity.

46. "*Non-Settling State*" means a State that is not a Settling State.

47. "*Opioid Remediation*" means care, treatment, and other programs and expenditures (including reimbursement for past such programs or expenditures except where this Agreement restricts the use of funds solely to future Opioid Remediation) designed to (1) address the misuse and abuse of opioid products, (2) treat or mitigate opioid use or related disorders, or (3) mitigate other alleged effects of the opioid abuse crisis, including on those injured as a result of the opioid abuse crisis. Exhibit E provides a non-exhaustive list of expenditures that qualify as being paid for Opioid Remediation. Qualifying expenditures may include reasonable related administrative expenses.

48. "*Overall Allocation Percentage*" means a Settling State's percentage as set forth in Exhibit F. The aggregate Overall Allocation Percentages of all States (including Settling States and Non-Settling States) shall equal 100%.

49. "*Participating Special District*" means a Special District that executes a release consistent with Section IV below and meets the requirements for becoming a Participating Special District under Section VII.

50. "*Participating Subdivision*" means a Subdivision that meets the requirements for becoming a Participating Subdivision under Section VII. Participating Subdivisions include both Initial Participating Subdivisions and Later Participating Subdivisions. Subdivisions eligible to become Participating Subdivisions are listed in Exhibit G. A Settling State may add additional Subdivisions to Exhibit G at any time prior to the Initial Participation Date.

51. "*Participation Tier*" means the level of participation in this Agreement as determined pursuant to subsection VIII.C using the criteria set forth in Exhibit H.

52. "*Parties*" means Janssen and the Settling States (each, a "*Party*").

53. "*Payment Date*" means the date on which Janssen makes its payments pursuant to Section V and Exhibit M.

54. "*Payment Year*" means the calendar year during which the applicable Initial Year Payments or Annual Payments are due pursuant to subsection V.B. Payment Year 1 is 2022, Payment Year 2 is 2023 and so forth. References to payment "for a Payment Year" mean the Initial Year Payments or Annual Payment due during that year. References to eligibility "for a Payment Year" mean eligibility in connection with the Initial Year Payments or Annual Payment due during that year.

55. "*Preliminary Agreement Date*" means the date on which Janssen gives notice to the Settling States and MDL PEC of its determination that a sufficient number of States have agreed to be Settling States. This date shall be no more than fourteen (14) days after the end of the notice period to States, unless it is extended by written agreement of Janssen and the Enforcement Committee.

56. "*Primary Subdivision*" means a Subdivision that has a population of 30,000 or more. A list of Primary Subdivisions in each State is provided in Exhibit I.

57. "*Prior Litigating Subdivision*" means a Subdivision (or Subdivision official asserting the right of or for the Subdivision to recover for alleged harms to the Subdivision and/or the people thereof) that brought any Released Claim against any Released Entity prior to the Trigger Date and all such Released Claims were separately settled or finally adjudicated prior to the Trigger Date; *provided, however*, that if the final adjudication was pursuant to a Bar, such Subdivision shall not be considered a Prior Litigating Subdivision. Notwithstanding the prior sentence, Janssen and the State of the relevant Subdivision may agree in writing that such Subdivision shall not be considered a Prior Litigating Subdivision.

58. "*Product*" means any chemical substance, whether used for medicinal or non-medicinal purposes, and whether natural, synthetic, or semi-synthetic, or any finished pharmaceutical product made from or with such substance, that is an opioid or opiate, as well as any product containing any such substance. It also includes: 1) the following when used in combination with opioids or opiates: benzodiazepine, carisoprodol, zolpidem, or gabapentin; and 2) a combination or

"cocktail" of any stimulant or other chemical substance prescribed, sold, bought, or dispensed to be used together that includes opioids or opiates. For the avoidance of doubt, "Product" does not include benzodiazepine, carisoprodol, zolpidem, or gabapentin when not used in combination with opioids or opiates. "Product" includes but is not limited to any substance consisting of or containing buprenorphine, codeine, fentanyl, hydrocodone, hydromorphone, meperidine, methadone, morphine, naloxone, naltrexone, oxycodone, oxymorphone, tapentadol, tramadol, opium, heroin, carfentanil, any variant of these substances, or any similar substance. "Product" also includes any natural, synthetic, semi-synthetic or chemical raw materials, starting materials, finished active pharmaceutical ingredients, drug substances, and any related intermediate products used or created in the manufacturing process for any of the substances described in the preceding sentence.

59. "*Reference Date*" means the date on which Janssen is to inform the Settling States and MDL PEC of its determination whether there is sufficient resolution of claims and potential claims at the Subdivision level to go forward with the settlement. The Reference Date shall be thirty (30) days after the Initial Participation Date, unless it is extended by written agreement of Janssen and the Enforcement Committee.

60. "*Released Claims*" means any and all Claims that directly or indirectly are based on, arise out of, or in any way relate to or concern the Covered Conduct occurring prior to the Reference Date. Without limiting the foregoing, "Released Claims" include any Claims that have been asserted against the Released Entities by any Settling State or any of its Litigating Subdivisions or Litigating Special Districts in any federal, state or local action or proceeding (whether judicial, arbitral, or administrative) based on, arising out of or relating to, in whole or in part, the Covered Conduct, or any such Claims that could be or could have been asserted now or in the future in those actions or in any comparable action or proceeding brought by a State, any of its Subdivisions or Special Districts, or any Releasors (whether or not such State, Subdivision, Special District, or Releasor has brought such action or proceeding). Released Claims also include all Claims asserted in any proceeding to be dismissed pursuant to the Agreement, whether or not such claims relate to Covered Conduct. The Parties intend that "Released Claims" be interpreted broadly. This Agreement does not release Claims by private individuals. It is the intent of the Parties that Claims by private individuals be treated in accordance with applicable law. Released Claims is also used herein to describe Claims brought by a Later Litigating Subdivision or other non-party Subdivision or Special District that would have been Released Claims if they had been brought by a Releasor against a Released Entity.

61. "*Released Entities*" means Janssen and (1) all of Janssen's past and present direct or indirect parents, subsidiaries, divisions, predecessors, successors, assigns, including Noramco, Inc. and Tasmanian Alkaloids PTY. LTD.; (2) the past and present direct or indirect subsidiaries, divisions, and joint ventures, of any of the foregoing; (3) all of Janssen's insurers (solely in their role as insurers with respect

to the Released Claims); (4) all of Janssen's, or of any entity described in subsection (1), past and present joint ventures; and (5) the respective past and present officers, directors, members, shareholders (solely in their capacity as shareholders of the foregoing entities), partners, trustees, agents, and employees of any of the foregoing (for actions that occurred during and related to their work for, or employment with, Janssen). Any person or entity described in subsections (3)-(5) shall be a Released Entity solely in the capacity described in such clause and shall not be a Released Entity with respect to its conduct in any other capacity. For the avoidance of doubt, the entities listed in Exhibit Q are not Released Entities; *and provided further* that any joint venture partner of Janssen or Janssen's subsidiary is not a Released Entity unless it falls within subsections (1)-(5) above. A list of Janssen's present subsidiaries and affiliates can be found at https://johnsonandjohnson.gcs-web.com/static-files/f61ae5f3-ff03-46c1-bfc9-174947884db2. Janssen's predecessor entities include but are not limited to those entities listed on Exhibit J. For the avoidance of doubt, any entity acquired, or joint venture entered into, by Janssen after the Reference Date is not a Released Entity.

62. "*Releasors*" means (1) each Settling State; (2) each Participating Subdivision; and (3) without limitation and to the maximum extent of the power of each Settling State's Attorney General and/or Participating Subdivision to release Claims, (a) the Settling State's and Participating Subdivision's departments, agencies, divisions, boards, commissions, Subdivisions, districts, instrumentalities of any kind and attorneys, including its Attorney General, and any person in their official capacity whether elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, (b) any public entities, public instrumentalities, public educational institutions, unincorporated districts, fire districts, irrigation districts, water districts, law enforcement districts, emergency services districts, school districts, hospital districts and other Special Districts in a Settling State, and (c) any person or entity acting in a parens patriae, sovereign, quasi-sovereign, private attorney general, qui tam, taxpayer, or other capacity seeking relief on behalf of or generally applicable to the general public with respect to a Settling State or Subdivision in a Settling State, whether or not any of them participate in the Agreement. The inclusion of a specific reference to a type of entity in this definition shall not be construed as meaning that the entity is not a Subdivision. In addition to being a Releasor as provided herein, a Participating Subdivision shall also provide the Subdivision Settlement Participation Form or the Election and Release Form referenced in Section VII providing for a release to the fullest extent of the Participating Subdivision's authority, which shall be attached as an exhibit to the Agreement. Each Settling State's Attorney General represents that he or she has or has obtained (or will obtain no later than the Initial Participation Date) the authority set forth in the Representation and Warranty subsection of Section IV.

63. "*Revocation Event*" means with respect to a Bar, Settlement Class Resolution, or Case-Specific Resolution, a legislative amendment or a revocation, rescission, reversal, overruling, or interpretation that in any way limits the effect of such Bar,

Settlement Class Resolution, or Case-Specific Resolution on Released Claims or any other action or event that otherwise deprives the Bar, Settlement Class Resolution or Case-Specific Resolution of force or effect in any material respect.

64. "*Settlement Class Resolution*" means a class action resolution in a court of competent jurisdiction in a Settling State with respect to a class of Subdivisions and Special Districts in that State that (1) conforms with that Settling State's statutes, case law, and/or rules of procedure regarding class actions; (2) is approved and entered as an order of a court of competent jurisdiction in that State and has become final as defined in "State-Specific Finality"; (3) is binding on all Non-Participating Subdivisions and Special Districts in that State (other than opt outs as permitted under the next sentence); (4) provides that all such Non-Participating Subdivisions or Special Districts may not bring Released Claims against Released Entities, whether on the ground of the Agreement (or the releases herein) or otherwise; and (5) does not impose any costs or obligations on Janssen other than those provided for in the Agreement, or contain any provision inconsistent with any provision of the Agreement. If applicable state law requires that opt-out rights be afforded to members of the class, a class action resolution otherwise meeting the foregoing requirements shall qualify as a Settlement Class Resolution unless Subdivisions collectively representing more than 1% of the total population of all of that State's Subdivisions listed in Exhibit G opt out. In seeking certification of any Settlement Class, the applicable State and Participating Subdivisions shall make clear that certification is sought solely for settlement purposes and shall have no applicability beyond approval of the settlement for which certification is sought. Nothing in this Agreement constitutes an admission by any Party that class certification would be appropriate for litigation purposes in any case.

65. "*Settlement Fund*" means the interest-bearing fund established under the Agreement into which all payments by Janssen are made other than amounts paid as attorneys' fees and costs or identified pursuant to subsection VI.B.2 as being used to pay attorneys' fees and costs. The Settlement Fund comprises the Abatement Accounts Fund, State Fund, and Subdivision Fund.

66. "*Settlement Fund Administrator*" means the entity that determines the Annual Payments (including calculating Incentive Payments pursuant to Section V) and any amounts subject to suspension or offset pursuant to Sections V and IX), determines the Participation Tier, and administers and distributes amounts into the Settlement Fund. The duties of the Settlement Fund Administrator shall be governed by this Agreement. Prior to the Initial Participation Date, the Parties shall agree to selection and removal processes for and a detailed description of the Settlement Fund Administrator's duties, including a detailed mechanism for paying the Settlement Fund Administrator's fees and costs, all of which shall be appended to the Agreement as Exhibit L.

67. "*Settlement Fund Escrow*" means the interest-bearing escrow fund established pursuant to this Agreement to hold disputed or suspended payments made under this Agreement.

68. "*Settlement Payment Schedule*" means the schedule of payments attached to this Agreement as Exhibit M. A revised Settlement Payment Schedule will be substituted for Exhibit M after any offsets, reductions, or suspensions under Sections V and IX are determined.

69. "*Settling State*" means any State that has entered the Agreement.

70. "*Special District*" means a formal and legally recognized sub-entity of a State that is authorized by State law to provide one or a limited number of designated functions, including but not limited to school districts, fire districts, healthcare & hospital districts, and emergency services districts. Special Districts do not include sub-entities of a State that provide general governance for a defined area that would qualify as a Subdivision.

71. "*State*" means any state of the United States of America, the District of Columbia, American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. Additionally, the use of non-capitalized "state" to describe something (e.g., "state court") shall also be read to include parallel entities in commonwealths, territories, and the District of Columbia (e.g., "territorial court").

72. "*State Fund*" means a component of the Settlement Fund described in subsection VI.C.

73. "*State-Specific Finality*" means, with respect to the Settling State in question:

    a. the Agreement and the Consent Judgment have been approved and entered by the Court as to Janssen, including the release of all Released Claims against Released Entities as provided in this Agreement;

    b. for all lawsuits brought by the Settling State against Released Entities for Released Claims, either previously filed or filed as part of the entry of the Consent Judgment, the Court has stated in the Consent Judgment or otherwise entered an order finding that all Released Claims against Released Entities asserted in the lawsuit have been resolved by agreement; and

    c. (1) the time for appeal or to seek review of or permission to appeal from the approval and entry as described in subsection (a) hereof and entry of such order described in subsection (b) hereof has expired; or (2) in the event of an appeal, the appeal has been dismissed or denied, or the approval and entry described in (a) hereof and the order described in subsection (b) hereof have been affirmed in all material respects (to the extent challenged in the appeal) by the court of last resort to which such appeal has been taken and such dismissal or affirmance has become no

longer subject to further appeal (including, without limitation, review by the United States Supreme Court).

74. "*State-Subdivision Agreement*" means an agreement that a Settling State reaches with the Subdivisions in that State regarding the allocation, distribution, and/or use of funds allocated to that State and to Participating Subdivisions in that State. A State-Subdivision Agreement shall be effective if approved pursuant to the provisions of Exhibit O or if adopted by statute. Preexisting agreements addressing funds other than those allocated pursuant to this Agreement shall qualify if the approval requirements of Exhibit O are met. A State and its Subdivisions may revise, supplement, or refine a State-Subdivision Agreement if approved pursuant to the provisions of Exhibit O or if adopted by statute.

75. "*Statutory Trust*" means a trust fund established by state law to receive funds allocated to a State's Abatement Accounts Fund and restrict their expenditure to Opioid Remediation purposes subject to reasonable administrative expenses. A State may give a Statutory Trust authority to allocate one or more of the three Settlement Funds, but this is not required.

76. "*Subdivision*" means a formal and legally recognized sub-entity of a State that provides general governance for a defined area, including a county, parish, city, town, village, or similar entity. Unless otherwise specified, "Subdivision" includes all functional counties and parishes and other functional levels of sub-entities of a State that provide general governance for a defined area. Historic, non-functioning sub-entities of a State (such as Connecticut counties) are not Subdivisions, unless the entity has filed a lawsuit that includes a Released Claim against a Released Entity in a direct, parens patriae, or any other capacity. For purposes of this Agreement, the term Subdivision does not include Special Districts. A list of Subdivisions by state will be agreed to prior to any Subdivision sign-on period.

77. "*Subdivision Allocation Percentage*" means for Subdivisions in a Settling State that are eligible to receive an allocation from the Subdivision Fund pursuant to subsection VI.C or subsection VI.D, the percentage as set forth in Exhibit G. The aggregate Subdivision Allocation Percentage of all Subdivisions receiving a Subdivision Allocation Percentage in each State shall equal 100%. Immediately upon the effectiveness of any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3) that addresses allocation from the Subdivision Fund, or upon any, whether before or after the Initial Participation Date, Exhibit G will automatically be amended to reflect the allocation from the Subdivision Fund pursuant to the State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by Section V.D.3. The Subdivision Allocation Percentages contained in Exhibit G may not change once notice is distributed pursuant to subsection VII.A, except upon the effectiveness of any State-

Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3) that addresses allocation from the Subdivision Fund. For the avoidance of doubt, no Subdivision not listed on Exhibit G shall receive an allocation from the Subdivision Fund and no provision of this Agreement shall be interpreted to create such an entitlement.

78. "*Subdivision Fund*" means a component of the Settlement Fund described in subsection VI.C.

79. "*Subdivision Settlement Participation Form*" means the form attached as Exhibit K that Participating Subdivisions must execute and return to the Settlement Fund Administrator, and which shall (1) make such Participating Subdivisions signatories to this Agreement, (2) include a full and complete release of any and of such Subdivision's claims, and (3) require the prompt dismissal with prejudice of any Released Claims that have been filed by any such Participating Subdivision.

80. "*Threshold Motion*" means a motion to dismiss or equivalent dispositive motion made at the outset of litigation under applicable procedure. A Threshold Motion must include as potential grounds for dismissal, any applicable Bar or the relevant release by a Settling State or Participating Subdivision provided under this Agreement and, where appropriate under applicable law, any applicable limitations defense.

81. "*Trigger Date*" means, in the case of a Primary Subdivision, the Reference Date, or, in the case of all other Subdivisions, the Preliminary Agreement Date.

II. Participation by States and Condition to Preliminary Agreement

A. *Notice to States*. On July 22, 2021 this Agreement shall be distributed to all States. The States' Attorneys General shall then have a period of thirty (30) days to decide whether to become Settling States. States that determine to become Settling States shall so notify the National Association of Attorneys General and Janssen and shall further commit to obtaining any necessary additional State releases prior to the Reference Date. This notice period may be extended by written agreement of Janssen and the Enforcement Committee.

B. *Condition to Preliminary Agreement*. Following the notice period set forth in subsection II.A above, Janssen shall determine on or before the Preliminary Agreement Date whether, in its sole discretion, enough States have agreed to become Settling States to proceed with notice to Subdivisions as set forth in Section VII below. If Janssen determines that this condition has been satisfied, and that notice to the Litigating Subdivisions should proceed, it will so notify the Settling States by providing notice to the Enforcement Committee and Settlement Fund Administrator on the Preliminary Agreement Date. If Janssen determines that this condition has not been satisfied, it will so

notify the Settling States by providing notice to the Enforcement Committee and Settlement Fund Administrator, and this Agreement will have no further effect and all releases and other commitments or obligations contained herein will be void.

C. *Later Joinder by States*. After the Preliminary Agreement Date, a State may only become a Settling State with the consent of Janssen, in its sole discretion. If a State becomes a Settling State more than sixty (60) days after the Preliminary Agreement Date, but on or before January 1, 2022, the Subdivisions and Special Districts in that State that become Participating Subdivisions and Participating Special Districts within ninety (90) days of the State becoming a Settling State shall be considered Initial Participating Subdivisions or Initial Participating Special Districts. A State may not become a Settling State after January 1, 2022.

III. Injunctive Relief

A. *Entry of Injunctive Relief*. As part of the Consent Judgment, the Parties agree to the injunctive relief terms attached as Exhibit P.

IV. Release

A. *Scope.* As of the Effective Date, the Released Entities will be released and forever discharged from all of the Releasors' Released Claims. Each Settling State (for itself and its Releasors) and Participating Subdivision (for itself and its Releasors) will, on or before the Effective Date, absolutely, unconditionally, and irrevocably covenant not to bring, file, or claim, or to cause, assist in bringing, or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in any forum whatsoever. The releases provided for in the Agreement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of each Settling State and its Attorney General to release claims. The Release shall be a complete bar to any Released Claim.

B. *Claim Over and Non-Party Settlement*.

1. *Statement of Intent.* It is the intent of the Parties that:

   a. Released Entities should not seek contribution or indemnification (other than pursuant to an insurance contract) from other parties for their payment obligations under this Settlement Agreement;

   b. the payments made under this Settlement Agreement shall be the sole payments made by the Released Entities to the Releasors involving, arising out of, or related to Covered Conduct (or conduct that would be Covered Conduct if engaged in by a Released Entity);

   c. Claims by Releasors against non-Parties should not result in additional payments by Released Entities, whether through contribution, indemnification or any other means; and

d. the Settlement meets the requirements of the Uniform Contribution Among Joint Tortfeasors Act and any similar state law or doctrine that reduces or discharges a released party's liability to any other parties.

e. The provisions of this subsection IV.B are intended to be implemented consistent with these principles. This Agreement and the releases and dismissals provided for herein are made in good faith.

2. *Contribution/Indemnity Prohibited*. No Released Entity shall seek to recover for amounts paid under this Agreement based on indemnification, contribution, or any other theory from a manufacturer, pharmacy, hospital, pharmacy benefit manager, health insurer, third-party vendor, trade association, distributor, or health care practitioner, provided that a Released Entity shall be relieved of this prohibition with respect to any entity that asserts a Claim-Over against it. For the avoidance of doubt, nothing herein shall prohibit a Released Entity from recovering amounts owed pursuant to insurance contracts.

3. *Non-Party Settlement*. To the extent that, on or after the Reference Date, any Releasor enters into a Non-Party Settlement, including in any bankruptcy case or through any plan of reorganization (whether individually or as a class of creditors), the Releasor will include (or in the case of a Non-Party Settlement made in connection with a bankruptcy case, will cause the debtor to include), unless prohibited from doing so under applicable law, in the Non-Party Settlement a prohibition on contribution or indemnity of any kind substantially equivalent to that required from Janssen in subsection IV.B.2, or a release from such Non-Released Entity in favor of the Released Entities (in a form equivalent to the releases contained in this Agreement) of any Claim-Over. The obligation to obtain the prohibition and/or release required by this subsection is a material term of this Agreement.

4. *Claim-Over*. In the event that any Releasor obtains a judgment with respect to Non-Party Covered Conduct against a Non-Released Entity that does not contain a prohibition like that in subsection IV.B.3, or any Releasor files a Non-Party Covered Conduct Claim against a non-Released Entity in bankruptcy or a Releasor is prevented for any reason from obtaining a prohibition/release in a Non-Party Settlement as provided in subsection IV.B.3, and such Non-Released Entity asserts a Claim-Over against a Released Entity, that Releasor and Janssen shall take the following actions to ensure that the Released Entities do not pay more with respect to Covered Conduct to Releasors or to Non-Released Entities than the amounts owed under this Settlement Agreement by Janssen:

a. Janssen shall notify that Releasor of the Claim-Over within sixty (60) days of the assertion of the Claim-Over or sixty (60) days of the Effective Date of this Settlement Agreement, whichever is later;

b. Janssen and that Releasor shall meet and confer concerning the means to hold Released Entities harmless and ensure that it is not required to pay

more with respect to Covered Conduct than the amounts owed by Janssen under this Settlement Agreement;

c. That Releasor and Janssen shall take steps sufficient and permissible under the law of the State of the Releasor to hold Released Entities harmless from the Claim-Over and ensure Released Entities are not required to pay more with respect to Covered Conduct than the amounts owed by Janssen under this Settlement Agreement. Such steps may include, where permissible:

(1) Filing of motions to dismiss or such other appropriate motion by Janssen or Released Entities, and supported by Releasors, in response to any claim filed in litigation or arbitration;

(2) Reduction of that Releasor's Claim and any judgment it has obtained or may obtain against such Non-Released Entity by whatever amount or percentage is necessary to extinguish such Claim-Over under applicable law, up to the amount that Releasor has obtained, may obtain, or has authority to control from such Non-Released Entity;

(3) Placement into escrow of funds paid by the Non-Released Entities such that those funds are available to satisfy the Claim-Over;

(4) Return of monies paid by Janssen to that Releasor under this Settlement Agreement to permit satisfaction of a judgment against or settlement with the Non-Released Entity to satisfy the Claim-Over;

(5) Payment of monies to Janssen by that Releasor to ensure it is held harmless from such Claim-Over, up to the amount that Releasor has obtained, may obtain, or has authority to control from such Non-Released Entity;

(6) Credit to Janssen under this Settlement Agreement to reduce the overall amounts to be paid under the Settlement Agreement such that it is held harmless from the Claim-Over; and

(7) Such other actions as that Releasor and Janssen may devise to hold Janssen harmless from the Claim Over.

d. The actions of that Releasor and Janssen taken pursuant to paragraph (c) must, in combination, ensure Janssen is not required to pay more with respect to Covered Conduct than the amounts owed by Janssen under this Settlement Agreement.

e. In the event of any dispute over the sufficiency of the actions taken pursuant to paragraph (c), that Releasor and Janssen may seek review by

the National Arbitration Panel, provided that, if the parties agree, such dispute may be heard by the state court where the relevant Consent Judgment was filed. The National Arbitration Panel shall have authority to require Releasors to implement a remedy that includes one or more of the actions specified in paragraph (c) sufficient to hold Released Entities fully harmless. In the event that the panel's actions do not result in Released Entities being held fully harmless, Janssen shall have a claim for breach of this Settlement Agreement by Releasors, with the remedy being payment of sufficient funds to hold Janssen harmless from the Claim-Over. For the avoidance of doubt, the prior sentence does not limit or eliminate any other remedy that Janssen may have.

5. To the extent that the Claim-Over is based on a contractual indemnity, the obligations under subsection IV.B.4 shall extend solely to a Non-Party Covered Conduct Claim against a pharmacy, clinic, hospital or other purchaser or dispenser of Products, a manufacturer that sold Products, a consultant, and/or a pharmacy benefit manager or other third-party payor. Janssen shall notify the Settling States, to the extent permitted by applicable law, in the event that any of these types of Non-Released Entities asserts a Claim-Over arising out of contractual indemnity against it.

C. *General Release*. In connection with the releases provided for in the Agreement, each Settling State (for itself and its Releasors) and Participating Subdivision expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any state or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent.** A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release that, if known by him or her, would have materially affected his or her settlement with the debtor or released party.

A Releasor may thereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Settling State (for itself and its Releasors) and Participating Subdivision hereby expressly waives and fully, finally, and forever settles, releases, and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Settling States' decision to enter into the Agreement or the Participating Subdivisions' decision to participate in the Agreement.

D. *Res Judicata*. Nothing in the Agreement shall be deemed to reduce the scope of the res judicata or claim preclusive effect that the settlement memorialized in the Agreement,

and/or any Consent Judgment or other judgment entered on the Agreement, gives rise to under applicable law.

E. *Representation and Warranty.* The signatories hereto on behalf of their respective Settling States and its Participating Subdivisions expressly represent and warrant that they will obtain on or before the Effective Date (or have obtained) the authority to settle and release, to the maximum extent of the State's power, all Released Claims of (1) their respective Settling States; (2) all past and present executive departments, state agencies, divisions, boards, commissions and instrumentalities with the regulatory authority to enforce state and federal controlled substances acts; (3) any of their respective Settling State's past and present executive departments, agencies, divisions, boards, commissions and instrumentalities that have the authority to bring Claims related to Covered Conduct seeking money (including abatement and/or remediation) or revocation of a pharmaceutical distribution license; and (4) any Participating Subdivisions. For the purposes of clause (3) above, executive departments, agencies, divisions, boards, commissions, and instrumentalities are those that are under the executive authority or direct control of the State's Governor. Also, for the purposes of clause (3), a release from a State's Governor is sufficient to demonstrate that the appropriate releases have been obtained.

F. *Effectiveness*. The releases set forth in the Agreement shall not be impacted in any way by any dispute that exists, has existed, or may later exist between or among the Releasors. Nor shall such releases be impacted in any way by any current or future law, regulation, ordinance, or court or agency order limiting, seizing, or controlling the distribution or use of the Settlement Fund or any portion thereof, or by the enactment of future laws, or by any seizure of the Settlement Fund or any portion thereof.

G. *Cooperation.* Releasors (i) will not encourage any person or entity to bring or maintain any Released Claim against any Released Entity and (ii) will reasonably cooperate with and not oppose any effort by a Released Entity to secure the prompt dismissal of any and all Released Claims.

H. *Non-Released Claims.* Notwithstanding the foregoing or anything in the definition of Released Claims, the Agreement does not waive, release or limit any criminal liability, Claims for any outstanding liability under any tax or securities law, Claims against parties who are not Released Entities, Claims by private individuals and any claims arising under the Agreement for enforcement of the Agreement.

V. Monetary Relief and Payments

A. Structure of Payments

1. All payments under this Section V shall be made into the Settlement Fund, except that where specified, they shall be made into the Settlement Fund Escrow. The Settlement Fund shall be allocated and used only as specified in Section VI.

2. Janssen shall pay into the Settlement Fund the sum of Four Billion, Five Hundred Thirty-Four Million, Six Hundred Fifteen Thousand, Three Hundred Eighty-Five

Dollars ($4,534,615,385) minus (1) the offsets and credits specified in subsection V.C below, (2) any unearned incentive payments under subsection V.E below, and (3) any adjustments under Section IX below.

3. The payments to the Settlement Fund shall be divided into base and incentive payments as provided in subsections V.D and V.E below.

B. **Payment Process**

1. Except as otherwise provided in this Agreement, Janssen shall make two Initial Year Payments and nine (9) Annual Payments. The Initial Year Payments will consist of base payments. The first Annual Payment shall consist of incentive payments and subsequent Annual Payments shall each consist of base and incentive payments. The amount of all Initial Year Payments and Annual Payments shall be determined by the Settlement Fund Administrator applying Section V and Exhibit M. The Payment Date for the first Initial Year Payment shall be no later than ninety (90) days after the Effective Date. The Payment Date for the second Initial Year Payment shall be no later than July 15, 2022. The Payment Date for the first Annual Payment shall be no later than one year and sixty days following the Effective Date; the Payment Date for the second Annual Payment shall be no later than two years and sixty days following the Effective Date, and so forth, until all Annual Payments are made.

2. All data relevant to the determination of each such payment shall be submitted to the Settlement Fund Administrator sixty (60) days prior to the Payment Date for each payment. Prior to the Initial Participation Date, the Parties will include an exhibit to the Agreement setting forth in detail the process for submitting such data to the Settlement Fund Administrator prior to each Payment Date. The Settlement Fund Administrator shall then determine the Initial Year Payment or Annual Payment and the amount to be paid to each Settling State and its Participating Subdivisions, consistent with the provisions in Exhibit L, by:

   a. determining, for each Settling State, the amount of base and incentive payments to which the State is entitled by applying the criteria in this Section;

   b. applying any reductions, suspensions, or offsets required by Sections V and IX; and

   c. determining the total amount owed by Janssen to all Settling States and Participating Subdivisions.

3. The Settlement Fund Administrator shall then allocate the Initial Year Payment or Annual Payment pursuant to Section VI among the Settling States, among the separate types of funds for each Settling State (if applicable), and among the Participating Subdivisions.

4. As soon as possible, but no later than fifty (50) days prior to the Payment Date for each payment and following the determination described in subsection V.B.2, the Settlement Fund Administrator shall give notice to Janssen, the Settling States, and the Enforcement Committee of the amount of the Initial Year Payment or Annual Payment, the amount to be received by each Settling State, the amount to be received by the separate types of funds for each Settling State (if applicable), and the amount to be received by each Settling State's Participating Subdivisions.

5. Within twenty-one (21) days of the notice provided by the Settlement Fund Administrator, any party may dispute, in writing, the calculation of the Initial Year Payment or Annual Payment, or the amount to be received by a Settling State and/or its Participating Subdivisions. Such disputing party must provide a written notice of dispute to the Settlement Fund Administrator, the Enforcement Committee, any affected Settling State, and Janssen identifying the nature of the dispute, the amount of money that is disputed, and the Settling State(s) affected.

6. Within twenty-one (21) days of the sending of a written notice of dispute, any affected party may submit a response, in writing, to the Settlement Fund Administrator, the Enforcement Committee, any affected Settling State, and Janssen identifying the basis for disagreement with the notice of dispute.

7. If no response is filed, the Settlement Fund Administrator shall adjust the amount calculated consistent with the written notice of dispute, and Janssen shall pay the adjusted amount as the Initial Year Payment or Annual Payment on the Payment Date. If a written response to the written notice of dispute is timely sent to the Settlement Fund Administrator, the Settlement Fund Administrator shall notify Janssen of the preliminary amount to be paid, which shall be the greater of the amount originally calculated by the Settlement Fund Administrator or the amount that would be consistent with the notice of dispute, *provided, however* that in no circumstances shall the preliminary amount to be paid be higher than the maximum amount of base and incentive payments for that payment as set forth in Exhibit M. For the avoidance of doubt, a transfer of suspended payments from the Settlement Fund Escrow does not count toward determining whether the amount to be paid is higher than the maximum amount of base and incentive payments for that payment as set forth in Exhibit M.

8. The Settlement Fund Administrator shall place any disputed amount of the preliminary amount paid by Janssen into the Settlement Fund Escrow and shall disburse any undisputed amount to each Settling State and its Participating Subdivisions receiving direct allocations within fifteen (15) days of the Payment Date or at such later time as directed by each Settling State.

9. Disputes described in this subsection (other than those for which no response is filed under subsection V.B.6) shall be resolved in accordance with the terms of Section XII.

10. The process described in this subsection V.B shall also apply to accelerated payments made pursuant to Incentive A under subsection V.E.4.

11. For the avoidance of doubt, Subdivisions not listed on Exhibit G shall not receive an allocation from the Subdivision Fund.

C. **Offsets for Non-Settling States and Credits**

1. An offset equal to Four Billion, Five Hundred Thirty-Four Million, Six Hundred Fifteen Thousand, Three Hundred Eighty-Five Dollars ($4,534,615,385) times the percentage allocation assigned to each Non-Settling State in Exhibit F shall be deducted from the total amount to be paid by Janssen to the Settlement Fund under subsection V.A.2 above.

2. In addition to the offset, a credit of Two Hundred and Seventy Million Dollars ($270,000,000) shall be deducted from the maximum Settlement Fund amount to be paid by Janssen under subsection V.A.2 above and applied to the payment amounts as specified by Exhibit M. For the avoidance of doubt, the base payments and maximum incentive payment amounts shown on Exhibit M already reflect the deduction of the offset.

3. Notwithstanding any other provision of this Agreement or any other agreement, in the event that: (1) Janssen enters into an agreement with any Settling State that resolves with finality such Settling State's Claims consistent with Section IV of this Agreement and such agreement has an effective date prior to the Effective Date of this Agreement (such agreement, a "State-Specific Agreement") and (2) pursuant to the terms of the State-Specific Agreement, any payments, or any portion thereof, made by Janssen thereunder are made in lieu of any payments (for the avoidance of doubt, including the Additional Restitution Amount), or any portion thereof, to be made under this Agreement and Janssen makes such a payment pursuant to the State-Specific Agreement, then Janssen will reduce any payments allocable to such Settling State (whether made to the Settlement Fund Escrow or the Settlement Fund) made pursuant to this Agreement to the extent such amount was already paid pursuant to the terms of the State-Specific Agreement. This provision includes but is not limited to any corresponding amounts already paid to the Qualified Settlement Fund established under the Agreement between Janssen and the State of New York dated June 25, 2021.

4. Non-Settling States shall not be eligible for any payments or have any rights in connection with this Agreement. Accordingly, the stated maximum dollar amounts of the payments specified in Exhibit M are reduced by the aggregate Overall Allocation Percentage of Non-Settling States as set forth in Exhibit F.

D. **Base Payments**

1. Janssen shall make base payments into the Settlement Fund totaling One Billion, Nine Hundred Forty-Two Million, Three Hundred Forty-Six Thousand, One Hundred Fifty-Five Dollars ($1,942,346,155) minus the offsets and credits

specified in subsection V.C above. The base payments will be paid in accordance with the payment schedule specified by Exhibit M, subject to potential acceleration and potential deductions as provided herein.

2. The base payments will be allocated by Settling State proportionate to each Settling State's assigned percentages in Exhibit F, adjusted for any Non-Settling States.

3. If a State qualifies for Incentive A (described below), Janssen will accelerate the base payment schedule so that the State receives its Payment Year 1-4 base payment allocations and full Payment Year 1-4 Incentive A payment amounts within ninety (90) days of notice, on or after the Effective Date, of the Bar's implementation. Payment Year 5-10 payments are made annually and cannot be accelerated.

4. The exemplar payment schedule in Exhibit M does not account for deductions for offsets or unearned incentives, which will be separately calculated for each payment.

E. **Incentive Payments**

1. Janssen shall make incentive payments into the Settlement Fund potentially totaling up to Two Billion, Three Hundred Twenty-Two Million, Two Hundred Sixty-Nine Thousand, Two Hundred Thirty Dollars ($2,322,269,230), consisting of $2,109,038,461 for Incentive A (or, alternatively up to $2,109,038,461 for combined Incentives B and C if Incentive A is not achieved) and $213,230,769 for Incentive D, prior to being adjusted for credits if every State is a Settling State and were to satisfy the requirements specified below to earn its maximum incentive amount. The incentive payments will be paid in accordance with the payment schedule in Exhibit M, subject to potential acceleration and potential deductions as provided herein.

2. The maximum incentive amount for any Settling State shall be $2,322,269,230 times the percentage allocation assigned that Settling State in Exhibit F.

3. A Settling State may qualify to receive incentive payments in addition to base payments if, as of the Incentive Payment Final Eligibility Date, it meets the incentive eligibility requirements specified below. Settling States may qualify for incentive payments in four ways. If a Settling State qualifies for "Incentive A," it will become entitled to receive the maximum Incentive A payment allocable to the State as stated in subsection V.E.1. If a Settling State does not qualify for Incentive A, it can alternatively qualify for "Incentive B" and/or "Incentive C." A Settling State can qualify for "Incentive D" regardless of whether it qualifies for another incentive payment. The Incentive Payment Final Eligibility Date is not relevant to Incentive D.

4. *Incentive A: Accelerated Incentive Payment for Full Participation.*

a. A Settling State shall receive an accelerated Incentive A payment allocable to the State for full participation as described in subsection V.E.4.b.

b. A State qualifies for Incentive A by: (1) complete participation in the form of releases consistent with Section IV above from all Litigating Subdivisions and Litigating Special Districts, Non-Litigating Subdivisions with population over 10,000, and Non-Litigating Covered Special Districts (as defined in subsection V.E.7.e); (2) a Bar; or (3) a combination of approaches in clauses (1)-(2) that achieves the same level of resolution of Subdivision and Special District claims (e.g., a law barring future litigation combined with full joinder by Litigating Subdivisions and Litigating Special Districts). For purposes of Incentive A, a Subdivision or Special District is considered a "Litigating Subdivision" or "Litigating Special District" if it has brought Released Claims against Released Entities on or before the Reference Date; all other Subdivisions and Special Districts are considered "Non-Litigating." For purposes of Incentive A, Non-Litigating Special Districts shall not include a Special District with any of the following words or phrases in its name: mosquito, pest, insect, spray, vector, animal, air quality, air pollution, clean air, coastal water, tuberculosis, and sanitary.

c. Qualification for Incentive A entitles the qualifying Settling State to expedited payment of base payments and incentive payments for Payment Years 1-4, which Janssen shall pay into the Settlement Fund within ninety (90) days after receiving notice from the Settlement Fund Administrator that a State has qualified for Incentive A, but in no event less than ninety (90) days from the Effective Date. Base and incentive payments for Payment Years 5-10 will not be expedited.

d. If a Settling State qualifies for Incentive A after receiving an incentive payment under Incentives B or C, described below, the Settling State's payments under Incentive A will equal the remainder of its total Incentive A payments less any payments previously received under Incentives B or C. A Settling State that receives all of its maximum incentive allocation under Incentive A shall not receive additional incentive payments under Incentives B or C.

e. A Settling State that is not eligible for Incentive A as of the Incentive Payment Final Eligibility Date shall not be eligible for Incentive A for that Payment Year or any subsequent Payment Years.

5. *Incentive B: Early Participation or Released Claims by Litigating Subdivisions and Litigating Special Districts.*

a. If a Settling State does not qualify for Incentive A, it may still qualify to receive up to 60% of its total potential Incentive A payment allocation under Incentive B.

b. A Settling State can qualify for an Incentive B payment if Litigating Subdivisions and Litigating Special Districts collectively representing at least 75% of the Settling State's litigating population are either Participating Subdivisions or have their claims resolved through Case-Specific Resolutions.

(1) A Settling State's litigating population is the sum of the population of all Litigating Subdivisions and Litigating Special Districts. A Settling State's litigating population shall include all Litigating Subdivisions and Litigating Special Districts whose populations overlap in whole or in part with other Litigating Subdivisions and Litigating Special Districts, for instance in the case of a Litigating Special District, city, or township contained within a county.

(2) For example, if a Litigating Special District and a city that is a Litigating Subdivision are located within a county that is a Litigating Subdivision, then each of their individual populations would be added together to determine the total litigating population. Special District populations shall be counted in the manner set forth in subsection XIII.B. If each qualifies as a Litigating Subdivision or Litigating Special District and the county has a population of 10, the City has a population of 8, and the Special District has a population of 1, the total litigating population would be 19.

c. The following time periods apply to Incentive B payments:

(1) Period 1: Zero to two hundred ten (210) days after the Effective Date.

(2) Period 2: Two hundred eleven (211) days to one year after the Effective Date.

(3) Period 3: One year and one day to two years after the Effective Date.

d. Within Period 1: If Litigating Subdivisions and Litigating Special Districts collectively representing at least 75% of a Settling State's litigating population are Participating Subdivisions or have their claims resolved through Case-Specific Resolutions during Period 1, a sliding scale will determine the share of the funds available under Incentive B, with a

maximum of 60% of the Settling State's total potential incentive payment allocation available. Under that sliding scale, if Litigating Subdivisions and Litigating Special Districts collectively representing 75% of a Settling State's litigating population become Participating Subdivisions or achieve Case-Specific Resolution status by the end of Period 1, a Settling State will receive 50% of the total amount available to it under Incentive B. If more Litigating Subdivisions and Litigating Special Districts become Participating Subdivisions or achieve Case-Specific Resolution status, the Settling State shall receive an increased percentage of the total amount available to it under Incentive B as shown in the table below.

Participation or Case-Specific Resolution Levels (As percentage of litigating population)	**Incentive B Award** (As percentage of total amount available to State under Incentive B)
75%	50%
76%	52%
77%	54%
78%	56%
79%	58%
80%	60%
85%	70%
90%	80%
95%	90%
100%	100%

e. Within Period 2: If a Settling State did not qualify for an Incentive B payment in Period 1, but Litigating Subdivisions and Litigating Special Districts collectively representing at least 75% of the Settling State's litigating population become Participating Subdivisions or achieve Case-Specific Resolution status by the end of Period 2, then the Settling State qualifies for 75% of the Incentive B payment it would have qualified for in Period 1.

f. Within Period 3: If a Settling State did not qualify for an Incentive B payment in Periods 1 or 2, but Litigating Subdivisions and Litigating Special Districts collectively representing at least 75% of the Settling State's litigating population become Participating Subdivisions or achieve Case-Specific Resolution status by the end of Period 3, then the Settling State qualifies for 50% of the Incentive B payment it would have qualified for in Period 1.

g. A Settling State that receives the Incentive B payment for Periods 1 and/or 2 can receive additional payments if it secures participation from additional Litigating Subdivisions and Litigating Special Districts (or Case-Specific Resolutions of their claims) during Periods 2 and/or 3.

Those additional payments would equal 75% (for additional participation or Case-Specific Resolutions during Period 2) and 50% (for additional participation or Case-Specific Resolutions during Period 3) of the amount by which the increased litigating population levels would have increased the Settling State's Incentive B payment if they had been achieved in Period 1.

h. If Litigating Subdivisions and Litigating Special Districts that have become Participating Subdivisions or achieved Case-Specific Resolution status collectively represent less than 75% of a Settling State's litigating population by the end of Period 3, the Settling State shall not receive any Incentive B payment.

i. If there are no Litigating Subdivisions or Litigating Special Districts in a Settling State, and that Settling State is otherwise eligible for Incentive B, that Settling State will receive its full allocable share of Incentive B.

j. Incentives earned under Incentive B shall accrue after each of Periods 1, 2, and 3. After each period, the Settlement Fund Administrator shall conduct a look-back to assess which Settling States vested an Incentive B payment in the preceding period. Based on the look-back, the Settlement Fund Administrator will calculate the incentives accrued under Incentive B for the period; *provided* that the percentage of Incentive B for which a Settling State is eligible as of the Incentive Payment Final Eligibility Date shall cap its eligibility for that Payment Year and all subsequent Payment Years.

6. *Incentive C: Early Participation of Subdivisions*

a. If a Settling State does not qualify for Incentive A, it may still qualify to receive up to 40% of its total potential Incentive A payment allocation under Incentive C, which has two parts.

(1) Part 1: Under Incentive C, Part 1, a Settling State can receive up to 75% of its Incentive C allocation. A Settling State can qualify for a payment under Incentive C, Part 1 only if Primary Subdivisions (whether Litigating Primary Subdivisions or Non-Litigating Primary Subdivisions as of the Reference Date) representing at least 60% of the Settling State's Primary Subdivision population become Participating Subdivisions or achieve Case-Specific Resolution status.

(2) A Settling State's Primary Subdivision population is the sum of the population of all Primary Subdivisions (whether Litigating Primary Subdivisions or Non-Litigating Primary Subdivisions as of the Reference Date). Because Subdivisions include Subdivisions whose populations overlap in whole or in part with other

Subdivisions, for instance in the case of a city or township contained within a county, the Settling State's Primary Subdivision population is greater than Settling State's total population. (Special Districts are not relevant for purposes of Incentive C calculations.)

(3) A sliding scale will determine the share of the funds available under Incentive C, Part 1 to Settling States meeting the minimum 60% threshold. Under that sliding scale, if a Settling State secures participation or Case-Specific Resolutions from Primary Subdivisions representing 60% of its total Primary Subdivision population, it will receive 40% of the total amount potentially available to it under Incentive C, Part 1. If a Settling State secures participation or Case-Specific Resolutions from Primary Subdivisions representing more than 60% of its Primary Subdivision population, the Settling State shall be entitled to receive a higher percentage of the total amount potentially available to it under Incentive C, Part 1, on the scale shown in the table below. If there are no Primary Subdivisions, and that Settling State is otherwise eligible for Incentive C, that Settling State will receive its full allocable share of Incentive C, Part 1.

Participation or Case-Specific Resolution Levels (As percentage of total Primary Subdivision population)	**Incentive C Award** (As percentage of total amount available to State under Incentive C, Part 1)
60%	40%
70%	45%
80%	50%
85%	55%
90%	60%
91%	65%
92%	70%
93%	80%
94%	90%
95%	100%

b. Part 2: If a Settling State qualifies to receive an incentive under Incentive C, Part 1, the State can also qualify to receive an additional incentive amount equal to 25% of its total potential Incentive C allocation by securing 100% participation of the ten (10) largest Subdivisions by population in the Settling State. (Special Districts are not relevant for purposes of this calculation.) If a Settling State does not qualify for any amount under Incentive C, Part 1, it cannot qualify for Incentive C, Part 2.

c. Incentives earned under Incentive C shall accrue on an annual basis up to three years after the Effective Date. At one, two, and three years after the

Effective Date, the Settlement Fund Administrator will conduct a look-back to assess which Subdivisions had agreed to participate or had their claim resolved through a Case-Specific Resolution that year. Based on the look-back, the Settlement Fund Administrator will calculate the incentives accrued under Incentive C for the year; *provided* that the percentage of Incentive C for which a Settling State is eligible as of the Incentive Payment Final Eligibility Date shall cap its eligibility for that Payment Year and all subsequent Payment Years.

7. *Incentive D: Release of Payments if No Qualifying Special District Litigation.*

a. $213,230,769 shall be available for potential Incentive D payments according to the terms specified in this subsection V.E.7.

b. If, within five years of the Reference Date, a Covered Special District files litigation against any Released Entity, Janssen shall, within thirty (30) days of Janssen being served, provide notice of the litigation to the Settling State in which the Covered Special District sits, which shall file a motion to intervene in the litigation and use its best efforts to obtain either dismissal of the litigation in cooperation with Janssen, or a release consistent with Section IV of the Special District's Claims.

c. A Settling State shall receive its allocation of the Incentive D payment if, within five years after the Effective Date (the "look-back date"), no Covered Special District within the Settling State has filed litigation which has survived a Threshold Motion and remains pending as of the look-back date, unless the dismissal after the litigation survived the Threshold Motion is conditioned or predicated upon payment by a Released Entity (apart from payments by Janssen incurred under the Agreement or injunctive relief obligations incurred by it).

d. Prior to the look-back date, a Released Entity shall not enter into a settlement with a Covered Special District unless the State in which the Covered Special District sits consents to such a settlement or unreasonably withholds consent of such a settlement.

e. "*Covered Special Districts*" are school districts, healthcare/hospital districts, and fire districts, subject to the following population thresholds:

(1) For school districts, the K-12 student enrollment must be 25,000 or 0.12% of a State's population, whichever is greater;

(2) For fire districts, the district must cover a population of 25,000, or 0.20% of a State's population if a State's population is greater than 18 million. If not easily calculable from state data sources and agreed to between the State and Janssen, a fire district's population is calculated by dividing the population of the county or counties a

fire district serves by the number of fire districts in the county or counties.

(3) For healthcare/hospital districts, the district must have at least 125 hospital beds in one or more hospitals rendering services in that district.

VI. Allocation and Use of Settlement Funds

A. *Components of Settlement Fund*. The Settlement Fund shall be comprised of an Abatement Accounts Fund, a State Fund, and a Subdivision Fund for each Settling State. The payments under Section V into the Settlement Fund shall be initially allocated among those three (3) sub-funds and distributed and used as provided below or as provided for by a State-Subdivision Agreement (or other State-specific allocation of funds). Unless otherwise specified herein, payments placed into the Settlement Fund do not revert back to Janssen.

B. *Use of Settlement Payments*.

1. It is the intent of the Parties that the payments disbursed from the Settlement Fund to Settling States and Participating Subdivisions listed in Exhibit G be for Opioid Remediation, subject to limited exceptions that must be documented in accordance with subsection VI.B.2. In no event may less than 86.5% of Janssen's maximum amount of payments pursuant to Sections V, X, and XI over the entirety of all Payment Years (but not any single Payment Year) be spent on Opioid Remediation.

2. While disfavored by the Parties, a Settling State or Participating Subdivision listed on Exhibit G may use monies from the Settlement Fund (that have not been restricted by this Agreement solely to future Opioid Remediation) for purposes that do not qualify as Opioid Remediation. If, at any time, a Settling State or a Participating Subdivision listed on Exhibit G uses any monies from the Settlement Fund for a purpose that does not qualify as Opioid Remediation, such Settling State or Participating Subdivision shall identify such amounts and report to the Settlement Fund Administrator and Janssen how such funds were used, including if used to pay attorneys' fees, investigation costs, litigation costs, or costs related to the operation and enforcement of this Agreement, respectively. It is the intent of the Parties that the reporting under this subsection VI.B.2 shall be available to the public. For the avoidance of doubt, (a) any amounts not identified under this subsection VI.B.2 as used to pay attorneys' fees, investigation costs, or litigation costs shall be included in the "Compensatory Restitution Amount" for purposes of subsection VI.F and (b) Participating Subdivisions not listed on Exhibit G or Participating Special Districts that receive monies from the Settlement Fund indirectly may only use such monies from the Settlement Fund for purposes that qualify as Opioid Remediation.

C. *Allocation of Settlement Fund.* The allocation of the Settlement Fund allows for different approaches to be taken in different states, such as through a State-Subdivision Agreement. Given the uniqueness of States and their Subdivisions, Settling States and Participating Subdivisions are encouraged to enter into State-Subdivision Agreements in order to direct the allocation of their portion of the Settlement Fund. As set out below, the Settlement Fund Administrator will make an initial allocation to three (3) state-level sub-funds. The Settlement Fund Administrator will then, for each Settling State and its Participating Subdivisions listed on Exhibit G, apply the terms of this Agreement and any relevant State-Subdivision Agreement, Statutory Trust, Allocation Statute, or voluntary redistribution of funds as set out below before disbursing the funds.

1. Base Payments. The Settlement Fund Administrator will allocate base payments under subsection V.D among the Settling States in proportion to their respective Overall Allocation Percentages. Base payments for each Settling State will then be allocated 15% to its State Fund, 70% to its Abatement Accounts Fund, and 15% to its Subdivision Fund. Amounts may be reallocated and will be distributed as provided in subsection VI.D.

2. Incentive Payments. The Settlement Fund Administrator will treat incentive payments under subsection V.E on a State-specific basis. Incentive payments for which a Settling State is eligible under subsection V.E will be allocated 15% to its State Fund, 70% to its Abatement Accounts Fund, and 15% to its Subdivision Fund. Amounts may be reallocated and will be distributed as provided in subsection VI.D.

3. Application of Adjustments. If a reduction, offset, or suspension under Section IX applies with respect to a Settling State, the reduction, offset, or suspension shall be applied proportionally to all amounts that would otherwise be apportioned and distributed to the State Fund, the Abatement Accounts Fund, and the Subdivision Fund for that State.

4. Settlement Fund Administrator. Prior to the Initial Participation Date, Janssen and the Enforcement Committee will agree to a detailed mechanism consistent with the foregoing for the Settlement Fund Administrator to follow in allocating, apportioning, and distributing payments, which shall be appended hereto as Exhibit L.

5. Settlement Fund Administrator Costs. Any costs and fees associated with or arising out of the duties of the Settlement Fund Administrator as described in Exhibit L with regard to Janssen's payments to the Settlement Fund shall be paid out of interest accrued on the Settlement Fund and from the Settlement Fund should such interest prove insufficient.

D. *Settlement Fund Reallocation and Distribution*. As set forth below, within a particular Settling State's account, amounts contained in the Settlement Fund sub-funds may be reallocated and distributed per a State-Subdivision Agreement or other means. If the

apportionment of amounts is not addressed and controlled under subsections VI.D.1-2, then the default provisions of subsection VI.D.4 apply. It is not necessary that a State-Subdivision Agreement or other means of allocating funds pursuant to subsections VI.D.1-2 address all of the Settlement Fund sub-funds. For example, a Statutory Trust might only address disbursements from a Settling State's Abatement Accounts Fund.

1. Distribution by State-Subdivision Agreement. If a Settling State has a State-Subdivision Agreement, amounts apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under subsection VI.C shall be reallocated and distributed as provided by that agreement. Any State-Subdivision Agreement entered into after the Preliminary Agreement Date shall be applied only if it requires: (1) that all amounts be used for Opioid Remediation, except as allowed by subsection VI.B.2, and (2) that at least 70% of amounts be used solely for future Opioid Remediation (references to "future Opioid Remediation" include amounts paid to satisfy any future demand by another governmental entity to make a required reimbursement in connection with the past care and treatment of a person related to the Alleged Harms). For a State-Subdivision Agreement to be applied to the relevant portion of an Initial Year Payment or an Annual Payment, notice must be provided to Janssen and the Settlement Fund Administrator at least sixty (60) days prior to the Payment Date.

2. Distribution by Allocation Statute. If a Settling State has an Allocation Statute and/or a Statutory Trust that addresses allocation or distribution of amounts apportioned to such State's State Fund, Abatement Accounts Fund, and/or Subdivision Fund and that, to the extent any or all such sub-funds are addressed, requires (1) all amounts to be used for Opioid Remediation, except as allowed by subsection VI.B.2, and (2) at least 70% of all amounts to be used solely for future Opioid Remediation, then, to the extent allocation or distribution is addressed, the amounts apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under subsection VI.C shall be allocated and distributed as addressed and provided by the applicable Allocation Statute or Statutory Trust. For the avoidance of doubt, an Allocation Statute or Statutory Trust need not address all three (3) sub-funds that comprise the Settlement Fund, and if the applicable Allocation Statute or Statutory Trust does not address distribution of all or some of these three (3) sub-funds, the applicable Allocation Statute or Statutory Trust does not replace the default provisions in subsection VI.D.4 of any such unaddressed fund. For example, if an Allocation Statute or Statutory Trust that meets the requirements of this subsection VI.D.2 only addresses funds restricted to abatement, then the default provisions in this Agreement concerning allocation among the three (3) sub-funds comprising the Settlement Fund and the distribution of the State Fund and Subdivision Fund for that State would still apply, while the distribution of the applicable State's Abatement Accounts Fund would be governed by the qualifying Allocation Statute or Statutory Trust.

3. Voluntary Redistribution. A Settling State may choose to reallocate all or a portion of its State Fund to its Abatement Accounts Fund. A Participating Subdivision listed on Exhibit G may choose to reallocate all or a portion of its

allocation from the Subdivision Fund to the State's Abatement Accounts Fund or to another Participating Subdivision or Participating Special District. For a voluntary redistribution to be applied to the relevant portion of an Initial Year Payment or an Annual Payment, notice must be provided to the Settling Distributors and the Settlement Fund Administrator at least sixty (60) days prior to the Payment Date.

4. Distribution in the Absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. If subsections VI.D.1-2 do not apply, amounts apportioned to that State's State Fund, Abatement Accounts Fund, and Subdivision Fund under subsection VI.C shall be distributed as follows:

   a. Amounts apportioned to that State's State Fund shall be distributed to that State.

   b. Amounts apportioned to that State's Abatement Accounts Fund shall be distributed consistent with subsection VI.E. Each Settling State shall submit to the Settlement Fund Administrator a designation of a lead state agency or other entity to serve as the single point of contact for that Settling State's funding requests from the Abatement Accounts Fund and other communications with the Settlement Fund Administrator. The designation of an individual entity is for administrative purposes only and such designation shall not limit funding to such entity or even require that such entity receive funds from this Agreement. The designated entity shall be the only entity authorized to request funds from the Settlement Fund Administrator to be disbursed from that Settling State's Abatement Accounts Fund. If a Settling State has established a Statutory Trust then that Settling State's single point of contact may direct the Settlement Fund Administrator to release the State's Abatement Accounts Fund to the Statutory Trust.

   c. Amounts apportioned to that State's Subdivision Fund shall be distributed to Participating Subdivisions in that State listed on Exhibit G per the Subdivision Allocation Percentage listed in Exhibit G. Subsection VII.I shall govern amounts that would otherwise be distributed to Non-Participating Subdivisions listed in Exhibit G.

   d. Special Districts shall not be allocated funds from the Subdivision Fund, except through a voluntary redistribution allowed by subsection VI.D.3. A Settling State may allocate funds from its State Fund or Abatement Accounts Fund for Special Districts.

5. Restrictions on Distribution. No amounts may be distributed from the Subdivision Fund contrary to Section VII, *i.e.*, no amounts may be distributed directly to Non-Participating Subdivisions or to Later Participating Subdivisions in excess of what is permissible under subsection VII.E. Amounts allocated to the Subdivision Fund that cannot be distributed by virtue of the preceding sentence shall be distributed

into the sub-account in the Abatement Accounts Fund for the Settling State in which the Subdivision is located, unless those payments are redirected elsewhere by a State-Subdivision Agreement described in subsection VI.D.1 or by an Allocation Statute or a Statutory Trust described in subsection VI.D.2.

E. *Provisions Regarding Abatement Accounts Fund*.

1. State-Subdivision Agreement, Allocation Statute, and Statutory Trust Fund Provisions. A State-Subdivision Agreement, Allocation Statute, or Statutory Trust may govern the operation and use of amounts in that State's Abatement Accounts Fund so long as it complies with the requirements of subsection VI.D.1 or VI.D.2 as applicable, and all direct payments to Subdivisions comply with subsections VII.E-H.

2. Absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. In the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust that addresses distribution, the Abatement Accounts Fund will be used solely for future Opioid Remediation and the following shall apply with respect to a Settling State:

a. *Regional Remediation*.

(1) At least 50% of distributions for remediation from a State's Abatement Accounts Fund shall be annually allocated and tracked to the regional level. A Settling State may allow the Advisory Committee established pursuant to subsection VI.E.2.d to define its regions and assign regional allocations percentages. Otherwise, a Settling State shall (1) define its initial regions, which shall consist of one (1) or more Subdivisions and which shall be designated by the State agency with primary responsibility for substance abuse disorder services employing, to the maximum extent practical, existing regions established in that State for opioid abuse treatment or other public health purposes; and (2) assign initial regional allocation percentages to the regions based on the Subdivision Allocation Percentages in Exhibit G and an assumption that all Subdivisions listed on Exhibit G will become Participating Subdivisions.

(2) This minimum regional expenditure percentage is calculated on the Settling State's initial Abatement Accounts Fund allocation and does not include any additional amounts a Settling State has directed to its Abatement Accounts Fund from its State Fund, or any other amounts directed to the fund. A Settling State may dedicate more than 50% of its Abatement Accounts Fund to the regional expenditure and may annually adjust the percentage of its Abatement Accounts Fund dedicated to regional expenditures as long as the percentage remains above the minimum amount.

(3) The Settling State (1) has the authority to adjust the definition of the regions, and (2) may annually revise the percentages allocated to each region to reflect the number of Subdivisions in each region that are Non-Participating Subdivisions.

b. *Subdivision Block Grants*. Certain Subdivisions listed on Exhibit G shall be eligible to receive regional allocation funds in the form of a block grant for future Opioid Remediation. A Participating Subdivision listed on Exhibit G eligible for block grants is a county or parish (or in the case of States that do not have counties or parishes that function as political subdivisions, a city) that (1) does not contain a Litigating Subdivision or a Later Litigating Subdivision for which it has the authority to end the litigation through a release, bar, or other action; (2) either (i) has a population of 400,000 or more or (ii) in the case of California has a population of 750,000 or more; and (3) has funded or otherwise managed an established health care or treatment infrastructure (e.g., health department or similar agency). Each Subdivision listed on Exhibit G eligible to receive block grants shall be assigned its own region.

c. *Small States*. Notwithstanding the provisions of subsection VI.E.2.a, Settling States with populations under four (4) million that do not have existing regions described in subsection VI.E.2.a shall not be required to establish regions. However, such a Settling State that contains one (1) or more Subdivisions listed on Exhibit G eligible for block grants under subsection VI.E.2.b shall be divided regionally so that each block-grant eligible Subdivision listed on Exhibit G is a region and the remainder of the state is a region.

d. *Advisory Committee*. The Settling State shall designate an Opioid Settlement Remediation Advisory Committee (the "*Advisory Committee*") to provide input and recommendations regarding remediation spending from that Settling State's Abatement Accounts Fund. A Settling State may elect to use an existing advisory committee or similar entity (created outside of a State-Subdivision Agreement or Allocation Statute); provided, however, the Advisory Committee or similar entity shall meet the following requirements:

(1) Written guidelines that establish the formation and composition of the Advisory Committee, terms of service for members, contingency for removal or resignation of members, a schedule of meetings, and any other administrative details;

(2) Composition that includes at least an equal number of local representatives as state representatives;

(3) A process for receiving input from Subdivisions and other communities regarding how the opioid crisis is affecting their

communities, their abatement needs, and proposals for abatement strategies and responses; and

(4) A process by which Advisory Committee recommendations for expenditures for Opioid Remediation will be made to and considered by the appropriate state agencies.

3. Abatement Accounts Fund Reporting. The Settlement Fund Administrator shall track and assist in the report of remediation disbursements as agreed to among the Parties.

F. *Nature of Payment.* Janssen, the Settling States, the Participating Subdivisions, and the Participating Special Districts, acknowledge and agree that notwithstanding anything to the contrary in this Agreement, including, but not limited to, the scope of the Released Claims:

1. Janssen has entered into this Agreement to avoid the delay, expense, inconvenience, and uncertainty of further litigation;

2. The Settling States, the Participating Subdivisions, and the Participating Special Districts sought compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) as damages for the Alleged Harms allegedly suffered by the Settling States and Participating Subdivisions;

3. By executing this Agreement the Settling States, the Participating Subdivisions, and the Participating Special Districts certify that: (a) the Compensatory Restitution Amount is no greater than the amount, in the aggregate, of the Alleged Harms allegedly suffered by the Settling States and Participating Subdivisions; and (b) the portion of the Compensatory Restitution Amount received by each Settling State or Participating Subdivision is no greater than the amount of the Alleged Harms allegedly suffered by such Settling State or Participating Subdivision;

4. The payment of the Compensatory Restitution Amount by Janssen constitutes, and is paid for, compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) for alleged damage or harm (as compensation for alleged damage or harm arising out of alleged bodily injury) allegedly caused by Janssen;

5. The Compensatory Restitution Amount is being paid as compensatory restitution (within the meaning of 26 U.S.C. § 162(f)(2)(A)) in order to restore, in whole or in part, the Settling States and Participating Subdivisions to the same position or condition that they would be in had the Settling States and Participating Subdivisions not suffered the Alleged Harms;

6. For the avoidance of doubt: (a) no portion of the Compensatory Restitution Amount represents reimbursement to any Settling State, Participating Subdivision, Participating Special District, or other person or entity for the costs of any investigation or litigation, (b) the entire Compensatory Restitution Amount

is properly characterized as described in subsection VI.F, and (c) no portion of the Compensatory Restitution Amount constitutes disgorgement or is properly characterized as the payment of statutory or other fines, penalties, punitive damages, other punitive assessments, or attorneys' fees; and

7. New York, on behalf of all Settling States, Participating Subdivisions, and Participating Special Districts (the "Form 1098-F Filer") shall complete and file Form 1098-F with the Internal Revenue Service on or before February 28 (March 31 if filed electronically) of the year following the calendar year in which the order entering this Agreement becomes binding. On the Form 1098-F, the Form 1098-F Filer shall identify the entire Compensatory Restitution Amount received by the Form 1098-F Filer as remediation/restitution. The Form 1098-F Filer shall also, on or before January 31 of the year following the calendar year in which the order entering this Agreement becomes binding, furnish Copy B of such Form 1098-F (or an acceptable substitute statement) to Janssen.

VII. Participation by Subdivisions and Special Districts

A. *Notice.* No later than fifteen (15) days after the Preliminary Agreement Date, the Settling States, with the cooperation of Janssen, shall send individual written notice of the opportunity to participate in this Agreement and the requirements of participation to all Subdivisions in the Settling States of this Agreement that are (1) Litigating Subdivisions or (2) Non-Litigating Subdivisions listed on Exhibit G as eligible to become Participating Subdivisions. Janssen's share of costs of the written notice to such Subdivisions shall be advanced by Janssen and deducted from its initial settlement payment. Notice shall also be provided simultaneously to counsel of record for Litigating Subdivisions and Non-Litigating Subdivisions listed on Exhibit G as eligible to become Participating Subdivisions. The Settling States, with the cooperation of Janssen, will also provide general notice reasonably calculated to alert Non-Litigating Subdivisions listed on Exhibit G in the Settling States to this Agreement, the opportunity to participate in it and the requirements for participation. Such notice may include publication and other standard forms of notification, as well as notice to national state and county organizations such as the National Association of Counties and the National League of Cities. The notice will include that the deadline for becoming an Initial Participating Subdivision is the Initial Participation Date. Nothing contained herein shall preclude a Settling State from providing further notice to or otherwise contacting any of its Subdivisions about becoming a Participating Subdivision, including beginning any of the activities described in this paragraph prior to the Preliminary Agreement Date.

B. *Requirements for Becoming a Participating Subdivision: Non-Litigating Subdivisions.* A Non-Litigating Subdivision in a Settling State that is listed on Exhibit G may become a Participating Subdivision by returning an executed Subdivision Settlement Participation Form specifying (1) that the Subdivision agrees to the terms of this Agreement pertaining to Subdivisions, (2) that the Subdivision releases all Released Claims against all Released Entities, (3) that the Subdivision agrees to use monies it receives, if any, from the Settlement Fund pursuant to the applicable requirements of Section VI, and (4) that the Subdivision submits to the jurisdiction of the court where the Consent Judgment is filed

for purposes limited to that court's role under the Agreement. The required Subdivision Settlement Participation Form is attached as Exhibit K.

C. *Requirements for Becoming a Participating Subdivision: Litigating Subdivisions/Later Litigating Subdivisions*. A Litigating Subdivision or Later Litigating Subdivision in a Settling State may become a Participating Subdivision by returning an executed Subdivision Settlement Participation Form to the Settlement Fund Administrator and upon prompt dismissal of its legal action. A Settling State may require each Litigating Subdivision in that State to specify on the Subdivision Settlement Participation Form whether its counsel has waived any contingency fee contract with that Participating Subdivision and intends to seek fees according to Exhibit R. The Settlement Fund Administrator shall provide quarterly reports of this information to the parties organized by Settling State. Except for trials begun before the Initial Participation Date, a Litigating Subdivision or a Later Litigating Subdivision may not become a Participating Subdivision after the completion of opening statements in a trial of a legal action it brought that includes a Released Claim against a Released Entity.

D. *Initial Participating Subdivisions.* A Subdivision qualifies as an Initial Participating Subdivision if it meets the applicable requirements for becoming a Participating Subdivision set forth in subsections VII.B or VII.C by the Initial Participation Date. Provided however, all Subdivision Settlement Participation Forms shall be held by the Settlement Fund Administrator until Janssen provides the notice in subsection VIII.B that it intends to proceed with the settlement, at which time the obligations created by such forms become effective.

E. *Later Participating Subdivisions.* A Subdivision that is not an Initial Participating Subdivision may become a Later Participating Subdivision by meeting the applicable requirements for becoming a Participating Subdivision after the Initial Participation Date and agreeing to be subject to the terms of a State-Subdivision Agreement (if any) or any other structure adopted or applicable pursuant to subsections VI.D or VI.E. The following provisions govern what a Later Participating Subdivision can receive (but do not apply to Initial Participating Subdivisions):

1. A Later Participating Subdivision shall not receive any share of any base or incentive payments paid to the Subdivision Fund that were due before it became a Participating Subdivision.

2. A Later Participating Subdivision that becomes a Participating Subdivision after July 15, 2022 shall receive 75% of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision before that date (unless the Later Participating Subdivision is subject to subsections VII.E.3 or VII.E.4 below).

3. A Later Participating Subdivision that, after the Initial Participation Date, maintains a lawsuit for a Released Claim(s) against a Released Entity and has judgment entered against it on every such Claim before it became a Participating Subdivision (other than a consensual dismissal with prejudice) shall receive 50%

of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision prior to such judgment; *provided, however,* that if the Subdivision appeals the judgment and the judgment is affirmed with finality before the Subdivision becomes a Participating Subdivision, the Subdivision shall not receive any share of any base payment or incentive payment.

4. A Later Participating Subdivision that becomes a Participating Subdivision while a Bar or Case-Specific Resolution involving a different Subdivision exists in its State shall receive 25% of the share of future base or incentive payments that it would have received had it become a Later Participating Subdivision without such Bar or Case-Specific Resolution.

F. *No Increase in Payments*. Amounts to be received by Later Participating Subdivisions shall not increase the payments due from Janssen.

G. *Ineligible Subdivisions.* Subdivisions in Non-Settling States and Prior Litigating Subdivisions are not eligible to be Participating Subdivisions.

H. *Non-Participating Subdivisions*. Non-Participating Subdivisions shall not directly receive any portion of any base or incentive payments, including from the State Fund and direct distributions from the Abatement Accounts Fund; however, a Settling State may choose to fund future Opioid Remediation that indirectly benefits Non-Participating Subdivisions.

I. *Unpaid Allocations to Later Participating and Non-Participating Subdivisions*. Any base payment and incentive payments allocated pursuant to subsection VI.D to a Later Participating or Non-Participating Subdivision that cannot be paid pursuant to this Section VII, will be allocated to the Abatement Accounts Fund for the Settling State in which the Subdivision is located, unless those payments are redirected elsewhere by a State-Subdivision Agreement or by a Statutory Trust.

J. *Requirements for Becoming a Participating Special District: Non-Litigating Special Districts*. A Non-Litigating Special District may become a Participating Special District by either executing a release consistent with Section IV or by having its claims extinguished by operation of law or released by a Settling State.

K. *Requirements for Becoming a Participating Special District: Litigating Special Districts/Later Litigating Special Districts.* A Litigating Special District or Later Litigating Special District in a Settling State may become a Participating Special District by either executing a release consistent with Section IV and upon prompt dismissal of its legal action or by having its claims extinguished by operation of law or released by a Settling State.

L. *Initial Participating Special Districts*. A Special District qualifies as an Initial Participating Special District if it meets the applicable requirements for becoming a Participating Special District by the Initial Participation Date.

M. *Later Participating Special Districts.* A Special District that is not an Initial Participating Special District may become a Later Participating Special District by meeting the applicable requirements for becoming a Participating Special District after the Initial Participation Date and agreeing to be subject to the terms of any agreement reached by the applicable Settling State with Initial Participating Special Districts. A Later Participating Special District shall not receive any share of any base or incentive payments paid to the Settlement Fund that were due before it became a Participating Special District.

VIII. Condition to Effectiveness of Agreement and Filing of Consent Judgment

A. *Determination to Proceed With Settlement.* Janssen will determine on or before the Reference Date whether there has been a sufficient resolution of the Claims of the Litigating Subdivisions in the Settling States (through participation under Section VII, Case-Specific Resolution(s), and Bar(s)) to proceed with this Agreement. The determination shall be in the sole discretion of Janssen and may be based on any criteria or factors deemed relevant by Janssen.

B. *Notice by Janssen*. On or before the Reference Date, Janssen shall inform the Settling States and MDL PEC of its determination pursuant to subsection VIII.A. If Janssen determines to proceed, the Parties will proceed to file the Consent Judgments. If Janssen determines not to proceed, this Agreement will have no further effect and all releases (including those given by Participating Subdivisions) and other commitments or obligations contained herein will be void.

C. *Determination of the Participation Tier*.

1. On the Reference Date, provided that Janssen determines to proceed with this Agreement, the Settlement Fund Administrator shall determine the Participation Tier. The criteria used to determine the Participation Tier are set forth in Exhibit H. Any disputes as to the determination of the Participation Tier shall be decided by the National Arbitration Panel.

2. The Participation Tier shall be redetermined by the Settlement Fund Administrator annually as of the Payment Date, beginning with Payment Year 1, pursuant to the criteria set forth in Exhibit H.

3. After Payment Year 3, the Participation Tier cannot move higher, unless this restriction is waived by Janssen.

4. In the event that a Participation Tier redetermination moves the Participation Tier higher, and that change is in whole or in part as a result of the post-Reference Date enactment of a Bar and there is later a Revocation Event with respect to that Bar, then on the next Payment Date that is at least one hundred eighty (180) days after the Revocation Event, the Participation Tier shall move down to the Participation Tier that would have applied had the Bar never been enacted, unless the Bar is reinstated or all Subdivisions affected by the Revocation Event become Participating Subdivisions within one hundred eighty (180) days of the

Revocation Event. This is the sole circumstance in which, on a nationwide basis, the Participation Tier can move down.

5. In the event that there is a post-Reference Date Revocation Event with respect to a Bar that was enacted in a Settling State prior to the Reference Date, then, on the next Payment Date that is at least one hundred eighty (180) days after the Revocation Event, unless the Bar is reinstated or all Subdivisions affected by the Revocation Event become Participating Subdivisions within one hundred eighty (180) days of the Revocation Event, the Participation Tier shall decrease – solely for the State in which the Revocation Event occurred – to the Participation Tier commensurate with the percentage of Litigating Subdivisions in that State that are Participating Subdivisions and the percentage of Non-Litigating Subdivisions that are both Primary Subdivisions and Participating Subdivisions, according to the criteria set forth in Exhibit H, except that the calculations shall be performed as to that State alone. For the avoidance of doubt and solely for the calculation in this subparagraph, the Settling States Column of Exhibit H shall play no role. This is the sole circumstance in which one Settling State will have a different Participation Tier than other Settling States.

6. The redetermination of the Participation Tier under subsection VIII.C.2 shall not affect payments already made or suspensions or offsets already applied.

IX. Potential Payment Adjustments

A. *Later Litigating Subdivisions.*

1. If a Later Litigating Subdivision in a Settling State with a population above 10,000 brings a lawsuit or other legal proceeding against Released Entities asserting Released Claims, Janssen shall, within thirty (30) days of the lawsuit or other legal proceeding being served on Janssen, provide notice of the lawsuit or other legal proceeding to the Settlement Fund Administrator and the Settling State in which the Later Litigating Subdivision sits and provide the Settling State an opportunity to intervene in the lawsuit or other legal proceeding. A Released Entity shall not enter into a settlement with a Later Litigating Subdivision unless the State in which the Later Litigating Subdivision sits consents to such a settlement or unreasonably withholds consent to such a settlement.

2. If no Participation Tier applies and the Later Litigating Subdivision's lawsuit or other legal proceeding survives a Threshold Motion before Janssen makes its last settlement payment to the Settling State, the following shall apply:

   a. Janssen will, from the date of the entry of the order denying the Threshold Motion and so long as the lawsuit or other legal proceeding is pending, be entitled to a suspension of the following payments it would otherwise owe the Settling State in which the Later Litigating Subdivision is located: (1) all remaining incentive payments to the relevant state; and (2) the last two scheduled base payments, if not already paid (the "Suspended Payments").

b. For each Payment Year that Janssen is entitled to a suspension of payments, the Settlement Fund Administrator shall calculate the Suspended Payments applicable to the next Payment due from Janssen. The Suspended Payments shall be paid into the Settlement Fund Escrow account.

3. If a Participation Tier applies at the time the Threshold Motion is denied, Janssen will be entitled to a suspension of the following percentages of Suspended Payments depending on the applicable Tier—75% for Tier 1, 50% for Tier 2, 35% for Tier 3, and 25% for Tier 4. Otherwise, the requirements of subsection IX.A.2 apply.

4. If the Released Claim is resolved with finality without requirement of payment by a Released Entity, the placement of any remaining balance of the Suspended Payments into the Settlement Fund Escrow shall cease and the Settlement Fund Administrator shall immediately transfer amounts in the Settlement Fund Escrow on account of the suspension to the Settling State at issue and its Participating Subdivisions listed on Exhibit G. The lawsuit will not cause further suspensions unless the Released Claim is reinstated upon further review, legislative action, or otherwise.

5. If the Released Claim is resolved with finality on terms requiring payment by a Released Entity (*e.g.*, if the lawsuit in which the Released Claim is asserted results in a judgment against Janssen or a settlement with Janssen), the Settlement Fund Administrator will transfer the amounts in the Settlement Fund Escrow on account of the suspension to Janssen necessary to satisfy 75% of the payment obligation of the Released Entity to the relevant Later Litigating Subdivision. The Settlement Fund Administrator shall immediately transfer any remaining balance in the Settlement Fund Escrow on account of the suspension to the Settling State at issue and its Participating Subdivisions listed on Exhibit G. If the amount to be transferred to Janssen exceeds the amounts in the Settlement Fund Escrow on account of the suspension, Janssen shall receive a dollar-for-dollar offset for the excess amount against its obligation to pay any remaining payments that would be apportioned to the Settling State at issue and to its Participating Subdivisions listed on Exhibit G.

B. *Settlement Class Resolution Opt Outs.* If a Settling State is eligible for Incentive A on the basis of a Settlement Class Resolution, and a Primary Subdivision that opted out of the Settlement Class Resolution maintains a lawsuit asserting a Released Claim against a Released Entity, the following shall apply. If the lawsuit asserting a Released Claim either survives a Threshold Motion or has an unresolved Threshold Motion fewer than sixty (60) days prior to the scheduled start of a trial involving a Released Claim, and is resolved with finality on terms requiring payment by the Released Entity, Janssen shall receive a dollar-for-dollar offset for the amount paid against its obligation to make remaining Incentive A payments that would be apportioned to that State or Participating Subdivisions listed on Exhibit G. For the avoidance of doubt, an offset shall not be

applicable under this subsection if it is applicable under subsection IX.A with respect to the Subdivision at issue.

C. *Revoked Bar, Settlement Class Resolution, or Case-Specific Resolution.*

1. If Janssen made a payment as a result of the existence of a Bar, Settlement Class Resolution, or Case-Specific Resolution in a Settling State, and that Bar, Settlement Class Resolution, or Case-Specific Resolution is subject to a Revocation Event, Janssen shall receive a dollar-for-dollar offset against its obligation to make remaining payments that would be apportioned to that State or Participating Subdivisions listed on Exhibit G. This offset will be calculated as the dollar amount difference between (1) the total amount of incentive payments paid by Janssen during the time the Bar, Settlement Class Resolution, or Case-Specific Resolution subject to the Revocation Event was in effect, and (2) the total amount of Incentive Payments that would have been due from Janssen during that time without the Bar, Settlement Class Resolution, or Case-Specific Resolution subject to the Revocation Event being in effect. The amount of incentive payments that would have been due, referenced in (2) above, will be calculated based on considering any Subdivision that provides a release within one hundred eighty (180) days after the Revocation Event as having been a Participating Subdivision (in addition to all other Participating Subdivisions) during the time that the Bar, Settlement Class Resolution, or Case-Specific Resolution subject to the Revocation Event was in effect. If a Revocation Event causes a Settling State to no longer qualify for Incentive D, the Settling State shall return to Janssen all payments made under Incentive D.

2. Notwithstanding anything to the contrary in paragraph 1 above, if a Bar or Case-Specific Resolution is reinstated by the Settling State, either through the same or different means as the initial Bar or Case-Specific Resolution, Janssen's right to an offset is extinguished and any amounts withheld to offset amounts paid on account of the revoked, rescinded, reversed, or overruled Bar or Case-Specific Resolution shall be returned to the Settling State, less and except any incentive payments that would have been paid during the period in which the Bar or Case-Specific Resolution was revoked, rescinded, reversed, or overruled.

X. Additional Restitution Amount

A. *Additional Restitution Amount*. Pursuant to the schedule set forth below and subject to the reduction specified in subsection X.B below, Janssen shall pay an Additional Restitution Amount to the Settling States listed in Exhibit N. Such funds shall be paid on the schedule set forth on Exhibit M on the Payment Date for each relevant Payment Year to such Settling States as allocated by the Settlement Fund Administrator pursuant to Exhibit N.

Payment Year 1	$15,384,615.38
Payment Year 2	$26,923,076.92

Payment Year 3 $25,000,000.00

B. *Reduction of Additional Restitution Amount*. In the event that any Non-Settling State appears on Exhibit N, the amounts owed by Janssen pursuant to this Section X shall be reduced by the allocation set forth on Exhibit N for any such Non-Settling States.

C. *Use of Funds*. All funds paid as an Additional Restitution Amount shall be part of the Compensatory Restitution Amount, shall be used for Opioid Remediation, except as allowed by subsection VI.B.2, and shall be governed by the same requirements as specified in subsection VI.F.

XI. Plaintiffs' Attorneys' Fees and Costs

A. The Agreement on Attorneys' Fees, Expenses and Costs is set forth in Exhibit R and incorporated herein by reference. The Agreement on the State Outside Counsel Fee Fund and Agreement on the State Cost Fund Administration are set forth in Exhibit U and Exhibit S, respectively, and are incorporated herein by reference.

XII. Enforcement and Dispute Resolution

A. *Enforceability*. The terms of the Agreement and Consent Judgment applicable to or in a Settling State will be enforceable solely by that Settling State and Janssen. Settling States or Participating Subdivisions shall not have enforcement rights with respect either to the terms of this Agreement that apply only to or in other States or to any Consent Judgment entered into by another Settling State. Participating Subdivisions shall not have enforcement rights against Janssen with respect to the Agreement or any Consent Judgment except as to payments that would be allocated to the Subdivision Fund or Abatement Accounts Fund pursuant to Section VI; *provided, however,* that each Settling State shall allow Participating Subdivisions in that State to notify it of any perceived violations of the Agreement or Consent Judgment.

B. *Jurisdiction*. Janssen consents to the jurisdiction of the court in which the Consent Judgment is filed, limited to resolution of disputes identified in subsection XII.F.2 for resolution in the court in which the Consent Judgment is filed.

C. *Specific Terms Dispute Resolution.*

1. Any dispute that is addressed by the provisions set forth in the Injunctive Relief terms in Exhibit P shall be resolved as provided therein.

2. In the event Janssen believes the 86.5% threshold established in subsection VI.B.1 is not being satisfied, any Party may request that Janssen and the Enforcement Committee meet and confer regarding the use of funds under subsection VI.B.1. The completion of such meet-and-confer process is a precondition to further action regarding any such dispute. Further action concerning subsection VI.B.1 shall: (i) be limited to Janssen seeking to reduce its Annual Payments by no more than 5% of the difference between the actual amount of Opioid Remediation and the 86.5% threshold established in subsection VI.B.1; (ii) only reduce Annual

Payments to those Settling States and its Participating Subdivisions that are below the 86.5% threshold established in subsection VI.B.1; and (iii) not reduce Annual Payments restricted to future Opioid Remediation.

D. *State-Subdivision Enforcement.*

1. A Participating Subdivision shall not have enforcement rights against a Settling State in which it is located with respect to the Agreement or any Consent Judgment except: (1) as provided for in a State-Subdivision Agreement, Allocation Statute, or Statutory Trust with respect to intrastate allocation; or (2) in the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust, as to allegations that: (a) the Settling State's use of Abatement Accounts Fund monies were not used for uses similar to or in the nature of those uses contained in Exhibit E; or (b) a Settling State failed to pay funds directly from the Abatement Accounts Fund to a Participating Subdivision eligible to receive a block grant pursuant to subsection VI.E.2.b.

2. A Settling State shall have enforcement rights against a Participating Subdivision located in its territory: (1) as provided for in a State-Subdivision Agreement, Allocation Statute, or Statutory Trust; or (2) in the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust, as to allegations that the uses of Abatement Accounts Fund monies by Participating Subdivisions listed on Exhibit G were not for uses similar to or in the nature of those uses contained in Exhibit E.

3. As between Settling States and Participating Subdivisions, the above rights are contractual in nature and nothing herein is intended to limit, restrict, change, or alter any other existing rights under law.

E. *Subdivision Payment Enforcement.* A Participating Subdivision shall have the same right as a Settling State pursuant to subsection XII.F.4.a(4) to seek resolution of any failure by Janssen to make its required base and/or incentive payments in a Payment Year.

F. *Other Dispute Resolution Terms.*

1. Except as provided in subsection XII.C, the parties to a dispute shall promptly meet and confer in good faith to resolve any dispute. If the parties cannot resolve the dispute informally, and unless otherwise agreed in writing, they shall follow the remaining provisions of this subsection XII.F to resolve the dispute.

2. Except as provided in subsections XII.C and XII.F.4, disputes not resolved informally shall be resolved in either the court that entered the relevant Consent Judgment or, if no Consent Judgment was entered, a state or territorial court with jurisdiction located wherever the seat of state government is located. State court proceedings shall be governed by the rules and procedures of the forum. For the avoidance of doubt, disputes to be resolved in state court include, but are not limited to, the following:

a. disputes concerning whether expenditures qualify for Opioid Remediation;

b. disputes between a Settling State and Participating Subdivisions located in such Settling State as provided by subsection XII.D, except to the extent the State-Subdivision Agreement provides for other dispute resolution mechanisms. For the avoidance of doubt, disputes between a Settling State and any Participating Subdivision shall not be considered National Disputes;

c. whether this Agreement and relevant Consent Judgment are binding under state law;

d. the extent of the Attorney General's or other participating entity's authority under state law, including the extent of the authority to release claims;

e. whether the requirements of a Bar, a Case-Specific Resolution, State-Specific Finality, Later Litigating Subdivision, Litigating Subdivision, or a Threshold Motion have been met; and

f. all other disputes not specifically identified in subsections XII.C and XII.F.4.

3. Any Party may request that the National Arbitration Panel provide an interpretation of any provision of the settlement that is relevant to the state court determination, and the National Arbitration Panel shall make reasonable best efforts to supply such interpretation within the earlier of thirty (30) days or the time period required by the state court proceedings. Any Party may submit that interpretation to the state court to the extent permitted by, and for such weight provided by, the state court's rules and procedures. If requested by a Party, the National Arbitration Panel shall request that its interpretation be accepted in the form of an amicus curiae brief, and any attorneys' fees and costs for preparing any such filing shall be paid for by the requesting Party.

4. National Disputes involving a Settling State, Participating Subdivision, and/or Janssen shall be resolved by a National Arbitration Panel.

a. "*National Disputes*" are disputes that are exceptions to subsection XII.F.2's presumption of resolution in state courts because they involve issues of interpretation of Agreement terms applicable to all Settling States without reference to a particular State's law. Disputes between a State and any Participating Subdivisions shall not be considered National Disputes. National Disputes are limited to the following:

(1) the amount of offset and/or credit attributable to Non-Settling States and Tribes;

(2) issues involving the scope and definition of "Product";

(3) interpretation and application of the terms "Covered Conduct" and "Released Entities";

(4) disputes over a given year's payment or the payment of the Additional Restitution Amount to all Settling States (for the avoidance of doubt, disputes between a Settling State and Janssen over the amounts owed to only that State shall not be considered National Disputes);

(5) questions regarding the performance and/or removal of the Settlement Fund Administrator;

(6) disputes involving liability of successor entities;

(7) disputes that require a determination of sufficient Subdivision and Special District participation to qualify for Incentives A, B, C, or D, as well as disputes over qualification for Participation Tiers;

(8) disputes that require interpretation of Agreement terms (i) that concretely affect four (4) or more Settling States; and (ii) do not turn on unique definitions and interpretations under State law; and

(9) any dispute subject to resolution under subsection XII.F.2 but for which all parties to the dispute agree to arbitration before the National Arbitration Panel under the provisions of this subsection XII.F.4.

b. The "*National Arbitration Panel*" shall be comprised of three (3) neutral arbitrators. One (1) arbitrator shall be chosen by Janssen, one (1) arbitrator shall be chosen by the Enforcement Committee with due input from Participating Subdivisions, and the third arbitrator shall be agreed upon by the first two (2) arbitrators. The membership of the National Arbitration Panel is intended to remain constant throughout the term of this Agreement, but in the event that replacements are required, the retiring arbitrator shall be replaced by the party that selected him/her.

(1) The National Arbitration Panel shall make reasonable best efforts to decide all matters within one hundred eighty (180) days of filing, and in no event shall it take longer than one (1) year.

(2) The National Arbitration Panel shall conduct all proceedings in a reasonably streamlined process consistent with an opportunity for the parties to be heard. Issues shall be resolved without the need for live witnesses where feasible, and with a presumption in favor of remote participation to minimize the burdens on the parties.

(3) To the extent allowed under state law, a Settling State, Participating Subdivision, and (at any party's request) the National

Arbitration Panel may certify to an appropriate state court any question of state law. The National Arbitration Panel shall be bound by a final state court determination of such a certified question. The time period for the arbitration shall be tolled during the course of the certification process.

(4) The arbitrators will give due deference to any authoritative interpretation of state law, including any declaratory judgment or similar relief obtained by a Settling State, Participating Subdivision, or Janssen on a state law issue.

(5) The decisions of the National Arbitration Panel shall be binding on Settling States, Participating Subdivisions, Janssen, and the Settlement Fund Administrator. In any proceeding before the National Arbitration Panel involving a dispute between a Settling State and Janssen whose resolution could prejudice the rights of a Participating Subdivision(s) or Participating Special District(s) in that Settling State, such Participating Subdivision(s) or Participating Special District(s) shall be allowed to file a statement of view in the proceeding.

c. Nothing herein shall be construed so as to limit or otherwise restrict a State from seeking injunctive or other equitable relief in state court to protect the health, safety, or welfare of its citizens.

d. Each party shall bear its own costs in any arbitration or court proceeding arising under this subsection XII.F. The costs for the arbitrators on the National Arbitration Panel shall be divided and paid equally by the disputing sides for each individual dispute, *e.g.*, a dispute between Janssen and Setting States/Participating Subdivisions shall be split 50% by Janssen and 50% by the Settling States/Participating Subdivisions that are parties to the dispute; a dispute between a Settling State and a Participating Subdivision shall be split 50% by the Settling State and 50% by any Participating Subdivisions that are party to the dispute.

5. Prior to initiating an action to enforce pursuant to this subsection XII.F, the complaining party must:

a. Provide written notice to the Enforcement Committee of its complaint, including the provision of the Consent Judgment and/or Agreement that the practice appears to violate, as well as the basis for its interpretation of the disputed provision. The Enforcement Committee shall establish a reasonable process and timeline for obtaining additional information from the involved parties; *provided, however*, that the date the Enforcement Committee establishes for obtaining additional information from the parties shall not be more than forty-five (45) days following the notice.

The Enforcement Committee may advise the involved parties of its views on the complaint and/or seek to resolve the complaint informally.

b. Wait to commence any enforcement action until thirty (30) days after the date that the Enforcement Committee establishes for obtaining additional information from the involved parties.

6. If the parties to a dispute cannot agree on the proper forum for resolution of the dispute under the provisions of subsections XII.F.2 or XII.F.4, a committee comprising the Enforcement Committee and sufficient representatives of Janssen such that the members of the Enforcement Committee have a majority of one (1) member will determine the forum where the dispute will be initiated within twenty-eight (28) days of receiving notification of the dispute relating to the proper forum. The forum identified by such committee shall be the sole forum for determining where the dispute shall be heard, and the committee's identification of such forum shall not be entitled to deference by the forum selected.

G. *No Effect*. Nothing in this Agreement shall be interpreted to limit the Settling State's Civil Investigative Demand ("CID") or investigative subpoena authority, to the extent such authority exists under applicable state law and the CID or investigative subpoena is issued pursuant to such authority, and Janssen reserves all of its rights in connection with a CID or investigative subpoena issued pursuant to such authority.

XIII. Miscellaneous

A. *No Admission.* Janssen does not admit liability or wrongdoing. Neither this Agreement nor the Consent Judgments shall be considered, construed, or represented to be (1) an admission, concession, or evidence of liability or wrongdoing or (2) a waiver or any limitation of any defense otherwise available to Janssen.

B. *Population of Subdivisions*. The population figures for Subdivisions shall be the published U.S. Census Bureau's population estimates for July 1, 2019, released May 2020. These population figures shall remain unchanged during the term of this Agreement.

C. *Population of Special Districts*. For any purpose in this Agreement in which the population of a Special District is used, other than the use of "Covered Special District": (a) School Districts' population will be measured by the number of students enrolled who are eligible under the Individuals with Disabilities Education Act ("*IDEA*") or Section 504 of the Rehabilitation Act of 1973; (b) Health Districts' and Hospital Districts' population will be measured at 25% of discharges; and (c) all other Special Districts' (including Fire Districts' and Library Districts') population will be measured at 10% of the population served.

D. *Population Associated with Sheriffs*. For any purpose in this Agreement in which the population associated with a lawsuit by a sheriff is used, the population will be measured at 20% of the capacity of the jail(s) operated by the sheriff.

E. *Tax Reporting and Cooperation*.

1. Upon request by Janssen, the Settling States, Participating Subdivisions, and Participating Special Districts agree to perform such further acts and to execute and deliver such further documents as may be reasonably necessary for Janssen to establish the statements set forth in subsection VI.E.3 to the satisfaction of their tax advisors, their independent financial auditors, the Internal Revenue Service, or any other governmental authority, including as contemplated by Treasury Regulations Section 1.162-21(b)(3)(ii) and any subsequently proposed or finalized relevant regulations or administrative guidance.

2. Without limiting the generality of subsection VI.C.1, each Settling State, Participating Subdivision, and Participating Special District shall cooperate in good faith with Janssen with respect to any tax claim, dispute, investigation, audit, examination, contest, litigation, or other proceeding relating to this Agreement.

3. The Designated State, on behalf of all Settling States, Participating Subdivisions, and Participating Special Districts, shall designate one of its officers or employees to act as the "appropriate official" within the meaning of Treasury Regulations Section 1.6050X-1(f)(1)(ii)(B) (the "Appropriate Official").

4. For the avoidance of doubt, neither Janssen nor the Settling States, Participating Subdivisions, and Participating Special Districts make any warranty or representation to any Settling jurisdiction or Releasor as to the tax consequences of the payment of the Compensatory Restitution Amount (or any portion thereof).

F. *No Third-Party Beneficiaries.* Except as expressly provided in this Agreement, no portion of this Agreement shall provide any rights to, or be enforceable by, any person or entity that is not a Settling State or Released Entity. No Settling State may assign or otherwise convey any right to enforce any provision of this Agreement.

G. *Calculation*. Any figure or percentage referred to in this Agreement shall be carried to seven decimal places.

H. *Construction*. None of the Parties and no Participating Subdivision shall be considered to be the drafter of this Agreement or of any of its provisions for the purpose of any statute, case law, or rule of interpretation or construction that would or might cause any provision to be construed against the drafter of this Agreement. The headings of the provisions of this Agreement are not binding and are for reference only and do not limit, expand, or otherwise affect the contents or meaning of this Agreement.

I. *Cooperation*. Each Party and each Participating Subdivision agrees to use its best efforts and to cooperate with the other Parties and Participating Subdivisions to cause this Agreement and the Consent Judgments to become effective, to obtain all necessary approvals, consents and authorizations, if any, and to execute all documents and to take such other action as may be appropriate in connection herewith. Consistent with the foregoing, each Party and each Participating Subdivision agrees that it will not directly or indirectly assist or encourage any challenge to this Agreement or any Consent Judgment

by any other person, and will support the integrity and enforcement of the terms of this Agreement and the Consent Judgments.

J. *Entire Agreement*. This Agreement, its exhibits and any other attachments, including the attorneys' fees and cost agreement in Exhibit R, embodies the entire agreement and understanding between and among the Parties and Participating Subdivisions relating to the subject matter hereof and supersedes (1) all prior agreements and understandings relating to such subject matter, whether written or oral and (2) all purportedly contemporaneous oral agreements and understandings relating to such subject matter.

K. *Execution*. This Agreement may be executed in counterparts and by different signatories on separate counterparts, each of which shall be deemed an original, but all of which shall together be one and the same Agreement. One or more counterparts of this Agreement may be delivered by facsimile or electronic transmission with the intent that it or they shall constitute an original counterpart hereof. One or more counterparts of this Agreement may be signed by electronic signature.

L. *Good Faith and Voluntary Entry*. Each Party warrants and represents that it negotiated the terms of this Agreement in good faith. Each of the Parties and signatories to this Agreement warrants and represents that it freely and voluntarily entered into this Agreement without any degree of duress or compulsion. The Parties state that no promise of any kind or nature whatsoever (other than the written terms of this Agreement) was made to them to induce them to enter into this Agreement.

M. *No Prevailing Party.* The Parties each agree that they are not the prevailing party in this action, for purposes of any claim for fees, costs, or expenses as prevailing parties arising under common law or under the terms of any statute, because the Parties have reached a good faith settlement. The Parties each further waive any right to challenge or contest the validity of this Agreement on any ground, including, without limitation, that any term is unconstitutional or is preempted by, or in conflict with, any current or future law.

N. *Non-Admissibility.* The settlement negotiations resulting in this Agreement have been undertaken by the Parties and by certain representatives of the Participating Subdivisions in good faith and for settlement purposes only, and no evidence of negotiations or discussions underlying this Agreement shall be offered or received in evidence in any action or proceeding for any purpose. This Agreement shall not be offered or received in evidence in any action or proceeding for any purpose other than in an action or proceeding arising under or relating to this Agreement.

O. *Notices.* All notices or other communications under this Agreement shall be in writing (including but not limited to electronic communications) and shall be given to the recipients indicated below:

1. For the Attorney(s) General:

Ashley Moody,
Attorney General
State of Florida
The Capitol,
PL-01
Tallahassee, FL 32399

Josh Stein, Attorney General
North Carolina Department of Justice
Attn: Daniel Mosteller
PO Box 629
Raleigh, NC 27602
Dmosteller@ncdoj.gov

2. For the Plaintiffs' Executive Committee:

Paul F. Farrell
Farrell Law
P.O. Box 1180
Huntington, WV 25714-1180

Jayne Conroy
Simmons Hanly Conroy LLC
112 Madison Avenue, 7th Floor
New York, NY 10016-7416
JConroy@simmonsfirm.com

Joseph F. Rice
Motley Rice LLC
28 Bridgeside Blvd.
Mount Pleasant, SC 29464
jrice@motleyrice.com

Peter Mougey
Levin Papantonio Rafferty
316 South Baylen St.
Pensacola, FL 32502
pmougey@levinlaw.com

Paul J. Geller
Robbins Geller Rudman & Dowd LLP
120 East Palmetto Park Road
Boca Raton, FL 33432
PGeller@rgrdlaw.com

3. For Janssen:

Charles C. Lifland
O'Melveny & Myers LLP
400 South Hope Street, 18th Floor Los Angeles, CA 90071
Phone: (213) 430-6000
clifland@omm.com

Daniel R. Suvor
O'Melveny & Myers LLP
400 South Hope Street, 18th Floor Los Angeles, CA 90071
Phone: (213) 430-6000
dsuvor@omm.com

Any Party or the Plaintiffs' Executive Committee may change or add the contact information of the persons designated to receive notice on its behalf by notice given (effective upon the giving of such notice) as provided in this subsection.

P. *No Waiver*. The waiver of any rights conferred hereunder shall be effective only if made by written instrument executed by the waiving Party or Parties. The waiver by any Party of any breach of this Agreement shall not be deemed to be or construed as a waiver of any other breach, whether prior, subsequent, or contemporaneous, nor shall such waiver be deemed to be or construed as a waiver by any other Party.

Q. *Preservation of Privilege.* Nothing contained in this Agreement or any Consent Judgment, and no act required to be performed pursuant to this Agreement or any Consent Judgment, is intended to constitute, cause, or effect any waiver (in whole or in part) of any attorney-client privilege, work product protection, or common interest/joint defense privilege, and each Party agrees that it shall not make or cause to be made in any forum any assertion to the contrary.

R. *Successors*. This Agreement shall be binding upon, and inure to the benefit of, Janssen and its respective successors and assigns. Janssen shall not sell the majority of its voting stock or substantially all its assets without obtaining the acquiror's agreement that it will constitute a successor with respect to Janssen's obligations under this Agreement.

S. *Modification, Amendment, Alteration*. After the Reference Date, any modification, amendment, or alteration of this Agreement by the Parties shall be binding only if evidenced in writing signed by Janssen along with the signatures of at least thirty-seven (37) of those then-serving Attorneys General of the Settling States along with a representation from each Attorney General that either: (1) the advisory committee or similar entity established or recognized by that Settling State (either pursuant to subsection VI.E.2, by a State-Subdivision Agreement, or by statute) voted in favor of the modification, amendment, or alteration of this Agreement including at least one Participating Subdivision-appointed member; or (2) in States without any advisory committee, that 50.1% of the Participating Subdivisions by population expressed approval of the modification, amendment, or alteration of this Agreement in writing.

Provided, however, in the event the modification, amendment, or alteration relates to injunctive relief, interstate allocation between the Settling States, intrastate allocation in a particular Settling State, or fees or costs of Settling States and Participating Subdivisions, then every Settling State and each Participating Subdivision affected by that modification, amendment, or alteration must assent in writing. Provided further that, in the event the modification, amendment, or alteration relates to injunctive relief, then such amendment, modification, or alteration of injunctive relief against Janssen will not be effective unless and until any Consent Judgment is modified by a court of competent jurisdiction, except as otherwise provided by the Injunctive Terms.

T. *Termination.*

1. Unless otherwise agreed to by Janssen and the Settling State in question, this Agreement and all of its terms (except subsection XIII.N and any other non-admissibility provisions, which shall continue in full force and effect) shall be canceled and terminated with respect to the Settling State, and the Agreement and all orders issued by the courts in the Settling State pursuant to the Agreement shall become null and void and of no effect if one or more of the following conditions applies:

    a. A Consent Judgment approving this Agreement without modification of any of the Agreement's terms has not been entered as to the Settling State by a court of competent jurisdiction on or before one hundred eighty (180) days after the Effective Date; or

    b. This Agreement or the Consent Judgment as to that Settling State has been disapproved by a court of competent jurisdiction to which it was presented for approval and/or entry (or, in the event of an appeal from or review of a decision of such a court to approve this Agreement and the Consent Judgment, by the court hearing such appeal or conducting such review), and the time to appeal from such disapproval has expired, or, in the event of an appeal from such disapproval, the appeal has been dismissed or the disapproval has been affirmed by the court of last resort to which such appeal has been taken and such dismissal or disapproval has become no longer subject to further appeal (including, without limitation, review by the United States Supreme Court).

2. If this Agreement is terminated with respect to a Settling State and its Participating Subdivisions for whatever reason pursuant to subsection XIII.T.1, then:

    a. An applicable statute of limitation or any similar time requirement (excluding any statute of repose) shall be tolled from the date the Settling State signed this Agreement until the later of the time permitted by applicable law or for one year from the date of such termination, with the effect that Janssen and the Settling State in question shall be in the same

position with respect to the statute of limitation as they were at the time the Settling State filed its action; and

b. Janssen and the Settling State and its Participating Subdivisions in question shall jointly move the relevant court of competent jurisdiction for an order reinstating the actions and claims dismissed pursuant to the terms of this Agreement governing dismissal, with the effect that Janssen and the Settling State and its Participating Subdivisions in question shall be in the same position with respect to those actions and claims as they were at the time the action or claim was stayed or dismissed.

3. Unless Janssen and the Enforcement Committee agree otherwise, this Agreement, with the exception of the Injunctive Relief Terms that have their own provisions on duration, shall terminate as to all Parties as of the Payment Date for Payment Year 9, *provided* that Janssen has performed its payment obligations under the Agreement as of that date. Notwithstanding any other provision in this Agreement, all releases under this Agreement will remain effective despite any termination under this paragraph.

U. *Governing Law.* Except (1) as otherwise provided in the Agreement or (2) as necessary, in the sole judgment of the National Arbitration Panel, to promote uniformity of interpretation for matters within the scope of the National Arbitration Panel's authority, this Agreement shall be governed by and interpreted in accordance with the respective laws of the Settling State, without regard to the conflict of law rules of such Settling State, that is seeking to enforce the Agreement against Janssen or against which Janssen is seeking enforcement. Notwithstanding any other provision in this subsection on governing law, any disputes relating to the Settlement Fund Escrow shall be governed by and interpreted in accordance with the law of the state where the escrow agent has its primary place of business.

EXHIBIT A

Alleged Harms

The following export reports that were filed in connection with the case captioned *In re National Prescription Opiate Litigation*, No. 1-17-md-02804 (N.D. Ohio):

1. Expert report of Professor David Cutler, dated March 25, 2019.

2. Expert report of Dr. Jeffrey B. Liebman, dated March 25, 2019.

3. Expert report of Professor Thomas McGuire regarding damages to Bellwethers, dated March 25, 2019.

4. Report of Professor Thomas McGuire regarding public nuisance, dated March 25, 2019.

EXHIBIT B

Enforcement Committee Organization Bylaws

ARTICLE I

These bylaws constitute the code of rules adopted by the Settling States and Participating Subdivisions for the creation of an Enforcement Committee (the "Committee") to exist and operate during the term of the Agreement in connection with Janssen and shall control the regulation and management of the Committee's affairs.

ARTICLE II
Purpose

The Committee is organized for the sole purpose of evaluating and taking such action as deemed reasonable, necessary, and appropriate by the members of the Committee on the matters delegated to the Committee under that certain Settlement Agreement between the Settling States and Janssen dated July 21, 2021.

ARTICLE III
Members of the Committee

(1) Number of Members

The Committee will consist of seventeen (17) members (the "Members"). Upon majority resolution of the Committee, the number of Members may be increased or decreased from time to time, but in no event shall a decrease have the effect of decreasing the total number of Members to less than seven Members.

(2) Initial Members

The Committee initially will consist of eleven Settling State Members and six Participating Subdivision Members; three of the Participating Subdivisions shall be counties and three shall be municipalities. The initial Settling State Members are representatives from: Connecticut, Delaware, Florida, Georgia, Massachusetts, New York, North Carolina, Ohio, Pennsylvania, Tennessee, and Texas. The initial Participating Subdivision Members are: (a) Bexar County, Texas; (b) Broward County, Florida; (c) Chicago, Illinois; (d) Cincinnati, Ohio; (e) Nashville, Tennessee; and (f) Nassau County, New York. Until the Reference Date contained in the Settlement Agreement, the Participating Subdivisions may designate their outside counsel to serve as their representative. After the Reference Date, an employee or official of the Participating Subdivision must be the designated as the representative of the Participating Subdivision.

(3) Term of Members

The term of office for Members of the Committee will be until the end of the term of the Settlement Agreement, nine (9) years, unless and until a Member withdraws or resigns from the Committee.

(4) Resignation

Any Member may resign at any time by delivering written notice to the Chairperson of the Committee. Such resignation shall take effect upon receipt or, if later, at the time specified in the notice.

(5) Removal

(a) Any Member may be removed without cause, at any time, by a majority of the entire Committee, at a Regular or Special Meeting called for that purpose. Any Member under consideration of removal must first be notified about the consideration by written notice at least five days prior to the meeting at which the vote takes place.

(b) In the event that any Member is not a Settling State or a Participating Subdivision or the Member subsequently becomes a Later Litigating Subdivision, the Member shall be removed immediately without notice or vote of the Committee.

(6) Vacancies

In the event of a vacancy, the Members of the same type (Settling State or Participating Subdivision) shall select another Settling State or Participating Subdivision to fill that Member's position.

(7) Compensation

Members shall not receive any salaries or other compensation for their services, but, by resolution of the Committee, may be reimbursed for any actual expenses incurred in the performance of their duties for the Committee, as long as a majority of disinterested Members approve the reimbursement. Any reimbursement shall be sought from the Settlement Fund Administrator.

ARTICLE IV
Conflicts of Interest and Code of Ethics

If a Member, agent, or employee of the Committee has a conflict of interest, he or she may not participate in a vote, discussion, or decision about the matter. Each Member shall follow any applicable state or local law with respect to conflicts, gifts, and ethics.

ARTICLE V
Committee Meetings

(1) Place of Meetings

Meetings of the Committee will be held at any place that the Chairperson may designate, including by telephonic or electronic means.

(2) Regular Meetings

Regular meetings of the Committee shall be held as deemed necessary by the Chairperson or any three members.

(3) Notice of Meetings

Written notice of the date, time, place and subject of each meeting must be provided to the Members at least 72 hours before the scheduled time of the meeting, except when there is an emergency or urgent public necessity.

(4) Quorum

A majority of the incumbent Members (not counting vacancies) shall constitute a quorum for the purposes of convening a meeting or conducting business.

(5) Voting and Proxy

When it is necessary to vote on any matter before the Committee, Members may vote by electronic means as provided in these Bylaws. Proxy voting is permitted. In order for a matter to pass, the matter must have a majority vote of Members present and must have at least one vote from a Settling State Member and a Participating Subdivision Member. In the event that there is a Quorum, but no Settling State or Participating Subdivision Member is present, then a matter may pass with a simple majority vote.

(6) Minutes

The Committee shall prepare and keep minutes. The minutes must state the subject of each deliberation and indicate each vote, order, decision, or other action taken.

ARTICLE VI
Officers

(1) Roster of Officers

The Committee shall have a Chairperson, a Vice Chairperson, and a Secretary. The Committee may have at its discretion, such other officers as may be appointed by the Members of the Committee. One person may hold two or more offices, except those serving as Chairperson.

(2) Election and Removal of Officers

All officers shall serve two-year terms. The election shall be conducted at the first meeting of the fiscal year. Officers shall remain in office until their successors have been selected. Officers may serve consecutive terms without limit. The election of officers shall be by majority vote of the Members of the Committee attending the meeting.

(3) Vacancies

If a vacancy occurs during the term of office for any elected officer, the Members of the Committee shall elect a new officer to fill the remainder of the term as soon as practical, by majority vote of Members present.

(4) Chairperson

The Chairperson will supervise and control the affairs of the Committee and shall exercise such supervisory powers as may be given him/her by the Members of the Committee. The Chairperson will perform all duties incident to such office and such other duties as may be provided in these bylaws or as may be prescribed from time to time by the Committee. The

Chairperson shall preside at all meetings and shall exercise parliamentary control in accordance with Robert's Rules of Order.

(5) Vice Chairperson

The Vice Chairperson shall act in place of the Chairperson in the event of the Chairperson's absence, inability, or refusal to act, and shall exercise and discharge such other duties as may be required by the Committee. The Vice Chairperson shall serve as the parliamentarian and interpret any ambiguities of the bylaws.

(6) Secretary

The Secretary will keep and maintain all records related to the Committee and take minutes of all meetings.

(7) Records

All elected officers and committee chairpersons shall relinquish their records to the Chairperson immediately upon the completion of their term of office or completion of a project.

(8) Resignation

An officer may resign the office while not resigning membership from the Committee, by submitting a letter to the Chairperson. Vacancies occurring in any office shall be appointed for the remainder of the term.

ARTICLE VII
Duties

(1) Prior to the Reference Date

The Committee shall be responsible for any additional negotiations with Janssen, including, but not limited to, negotiating extensions of any periods created by the Settlement Agreement.

(2) After the Enforcement Date

The Committee shall establish procedures for the receipt of notices that a dispute exists concerning the Agreement and review of such disputes, pursuant to Section XII of the Agreement. Members may engage with Janssen, Settling States, and Participating Subdivisions attempting to resolve any dispute without further action by the Committee. The Committee may request additional information from Janssen, Settling States, and Participating Subdivisions to the extent the Committee believes such information is necessary to understand, resolve, or provide advice related to a dispute. The Committee shall endeavor to provide advice relative to the dispute no later than 60 days after receipt of notice.

ARTICLE VIII
Rules of Procedure

The proceedings and business of the Committee shall be governed by Robert's Rules of Order unless otherwise waived by the Committee.

ARTICLE IX
Operations

(1) Records

The Committee will keep correct and complete records and will also keep minutes of the proceedings of the Committee meetings and Committees. The Committee will keep such records at its principal place of business at a place designated by the Chairperson**.**

All elected officers and committee chairpersons shall relinquish their records to the Chairperson, immediately upon the completion of their term of office.

(2) Inspection of Books and Records

The minutes of a meeting are public records and shall be available for public inspection and copying on request to the Committee's Chairperson or the Chairperson's designee.

(3) Amendments

The bylaws may be amended at any time by a vote of a majority of Members present and must have at least one vote from a Settling State Member and a Participating Subdivision Member. In the event that there is a Quorum, but no Settling State or Participating Subdivision Member is present, then a matter may pass with a simple majority vote.

EXHIBIT C

Litigating Subdivision List

[Will be added by Janssen prior to Preliminary Agreement Date]

EXHIBIT D

[Intentionally Omitted]

EXHIBIT E

List of Opioid Remediation Uses

Schedule A
Core Strategies

States and Qualifying Block Grantees shall choose from among the abatement strategies listed in Schedule B. However, priority shall be given to the following core abatement strategies ("*Core Strategies*").[1]

A. NALOXONE OR OTHER FDA-APPROVED DRUG TO REVERSE OPIOID OVERDOSES

1. Expand training for first responders, schools, community support groups and families; and

2. Increase distribution to individuals who are uninsured or whose insurance does not cover the needed service.

B. MEDICATION-ASSISTED TREATMENT ("*MAT*") DISTRIBUTION AND OTHER OPIOID-RELATED TREATMENT

1. Increase distribution of MAT to individuals who are uninsured or whose insurance does not cover the needed service;

2. Provide education to school-based and youth-focused programs that discourage or prevent misuse;

3. Provide MAT education and awareness training to healthcare providers, EMTs, law enforcement, and other first responders; and

4. Provide treatment and recovery support services such as residential and inpatient treatment, intensive outpatient treatment, outpatient therapy or counseling, and recovery housing that allow or integrate medication and with other support services.

[1] As used in this Schedule A, words like "expand," "fund," "provide" or the like shall not indicate a preference for new or existing programs.

C. PREGNANT & POSTPARTUM WOMEN

1. Expand Screening, Brief Intervention, and Referral to Treatment ("*SBIRT*") services to non-Medicaid eligible or uninsured pregnant women;

2. Expand comprehensive evidence-based treatment and recovery services, including MAT, for women with co-occurring Opioid Use Disorder ("*OUD*") and other Substance Use Disorder ("*SUD*")/Mental Health disorders for uninsured individuals for up to 12 months postpartum; and

3. Provide comprehensive wrap-around services to individuals with OUD, including housing, transportation, job placement/training, and childcare.

D. EXPANDING TREATMENT FOR NEONATAL ABSTINENCE SYNDROME ("*NAS*")

1. Expand comprehensive evidence-based and recovery support for NAS babies;

2. Expand services for better continuum of care with infant-need dyad; and

3. Expand long-term treatment and services for medical monitoring of NAS babies and their families.

E. EXPANSION OF WARM HAND-OFF PROGRAMS AND RECOVERY SERVICES

1. Expand services such as navigators and on-call teams to begin MAT in hospital emergency departments;

2. Expand warm hand-off services to transition to recovery services;

3. Broaden scope of recovery services to include co-occurring SUD or mental health conditions;

4. Provide comprehensive wrap-around services to individuals in recovery, including housing, transportation, job placement/training, and childcare; and

5. Hire additional social workers or other behavioral health workers to facilitate expansions above.

F. TREATMENT FOR INCARCERATED POPULATION

1. Provide evidence-based treatment and recovery support, including MAT for persons with OUD and co-occurring SUD/MH disorders within and transitioning out of the criminal justice system; and

2. Increase funding for jails to provide treatment to inmates with OUD.

G. PREVENTION PROGRAMS

1. Funding for media campaigns to prevent opioid use (similar to the FDA's "Real Cost" campaign to prevent youth from misusing tobacco);

2. Funding for evidence-based prevention programs in schools;

3. Funding for medical provider education and outreach regarding best prescribing practices for opioids consistent with the 2016 CDC guidelines, including providers at hospitals (academic detailing);

4. Funding for community drug disposal programs; and

5. Funding and training for first responders to participate in pre-arrest diversion programs, post-overdose response teams, or similar strategies that connect at-risk individuals to behavioral health services and supports.

H. EXPANDING SYRINGE SERVICE PROGRAMS

1. Provide comprehensive syringe services programs with more wrap-around services, including linkage to OUD treatment, access to sterile syringes and linkage to care and treatment of infectious diseases.

I. EVIDENCE-BASED DATA COLLECTION AND RESEARCH ANALYZING THE EFFECTIVENESS OF THE ABATEMENT STRATEGIES WITHIN THE STATE

Schedule B
Approved Uses

Support treatment of Opioid Use Disorder (OUD) and any co-occurring Substance Use Disorder or Mental Health (SUD/MH) conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

PART ONE: TREATMENT

A. TREAT OPIOID USE DISORDER (OUD)

Support treatment of Opioid Use Disorder ("*OUD*") and any co-occurring Substance Use Disorder or Mental Health ("*SUD/MH*") conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:[2]

1. Expand availability of treatment for OUD and any co-occurring SUD/MH conditions, including all forms of Medication-Assisted Treatment ("*MAT*") approved by the U.S. Food and Drug Administration.

2. Support and reimburse evidence-based services that adhere to the American Society of Addiction Medicine ("*ASAM*") continuum of care for OUD and any co-occurring SUD/MH conditions.

3. Expand telehealth to increase access to treatment for OUD and any co-occurring SUD/MH conditions, including MAT, as well as counseling, psychiatric support, and other treatment and recovery support services.

4. Improve oversight of Opioid Treatment Programs ("*OTPs*") to assure evidence-based or evidence-informed practices such as adequate methadone dosing and low threshold approaches to treatment.

5. Support mobile intervention, treatment, and recovery services, offered by qualified professionals and service providers, such as peer recovery coaches, for persons with OUD and any co-occurring SUD/MH conditions and for persons who have experienced an opioid overdose.

6. Provide treatment of trauma for individuals with OUD (*e.g.*, violence, sexual assault, human trafficking, or adverse childhood experiences) and family members (*e.g.*, surviving family members after an overdose or overdose fatality), and training of health care personnel to identify and address such trauma.

7. Support evidence-based withdrawal management services for people with OUD and any co-occurring mental health conditions.

[2] As used in this Schedule B, words like "expand," "fund," "provide" or the like shall not indicate a preference for new or existing programs.

8. Provide training on MAT for health care providers, first responders, students, or other supporting professionals, such as peer recovery coaches or recovery outreach specialists, including telementoring to assist community-based providers in rural or underserved areas.

9. Support workforce development for addiction professionals who work with persons with OUD and any co-occurring SUD/MH conditions.

10. Offer fellowships for addiction medicine specialists for direct patient care, instructors, and clinical research for treatments.

11. Offer scholarships and supports for behavioral health practitioners or workers involved in addressing OUD and any co-occurring SUD/MH or mental health conditions, including, but not limited to, training, scholarships, fellowships, loan repayment programs, or other incentives for providers to work in rural or underserved areas.

12. Provide funding and training for clinicians to obtain a waiver under the federal Drug Addiction Treatment Act of 2000 ("*DATA 2000*") to prescribe MAT for OUD, and provide technical assistance and professional support to clinicians who have obtained a DATA 2000 waiver.

13. Disseminate web-based training curricula, such as the American Academy of Addiction Psychiatry's Provider Clinical Support Service–Opioids web-based training curriculum and motivational interviewing.

14. Develop and disseminate new curricula, such as the American Academy of Addiction Psychiatry's Provider Clinical Support Service for Medication–Assisted Treatment.

B. SUPPORT PEOPLE IN TREATMENT AND RECOVERY

Support people in recovery from OUD and any co-occurring SUD/MH conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the programs or strategies that:

1. Provide comprehensive wrap-around services to individuals with OUD and any co-occurring SUD/MH conditions, including housing, transportation, education, job placement, job training, or childcare.

2. Provide the full continuum of care of treatment and recovery services for OUD and any co-occurring SUD/MH conditions, including supportive housing, peer support services and counseling, community navigators, case management, and connections to community-based services.

3. Provide counseling, peer-support, recovery case management and residential treatment with access to medications for those who need it to persons with OUD and any co-occurring SUD/MH conditions.

4. Provide access to housing for people with OUD and any co-occurring SUD/MH conditions, including supportive housing, recovery housing, housing assistance programs, training for housing providers, or recovery housing programs that allow or integrate FDA-approved mediation with other support services.

5. Provide community support services, including social and legal services, to assist in deinstitutionalizing persons with OUD and any co-occurring SUD/MH conditions.

6. Support or expand peer-recovery centers, which may include support groups, social events, computer access, or other services for persons with OUD and any co-occurring SUD/MH conditions.

7. Provide or support transportation to treatment or recovery programs or services for persons with OUD and any co-occurring SUD/MH conditions.

8. Provide employment training or educational services for persons in treatment for or recovery from OUD and any co-occurring SUD/MH conditions.

9. Identify successful recovery programs such as physician, pilot, and college recovery programs, and provide support and technical assistance to increase the number and capacity of high-quality programs to help those in recovery.

10. Engage non-profits, faith-based communities, and community coalitions to support people in treatment and recovery and to support family members in their efforts to support the person with OUD in the family.

11. Provide training and development of procedures for government staff to appropriately interact and provide social and other services to individuals with or in recovery from OUD, including reducing stigma.

12. Support stigma reduction efforts regarding treatment and support for persons with OUD, including reducing the stigma on effective treatment.

13. Create or support culturally appropriate services and programs for persons with OUD and any co-occurring SUD/MH conditions, including new Americans.

14. Create and/or support recovery high schools.

15. Hire or train behavioral health workers to provide or expand any of the services or supports listed above.

C. CONNECT PEOPLE WHO NEED HELP TO THE HELP THEY NEED (CONNECTIONS TO CARE)

Provide connections to care for people who have—or are at risk of developing—OUD and any co-occurring SUD/MH conditions through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Ensure that health care providers are screening for OUD and other risk factors and know how to appropriately counsel and treat (or refer if necessary) a patient for OUD treatment.

2. Fund SBIRT programs to reduce the transition from use to disorders, including SBIRT services to pregnant women who are uninsured or not eligible for Medicaid.

3. Provide training and long-term implementation of SBIRT in key systems (health, schools, colleges, criminal justice, and probation), with a focus on youth and young adults when transition from misuse to opioid disorder is common.

4. Purchase automated versions of SBIRT and support ongoing costs of the technology.

5. Expand services such as navigators and on-call teams to begin MAT in hospital emergency departments.

6. Provide training for emergency room personnel treating opioid overdose patients on post-discharge planning, including community referrals for MAT, recovery case management or support services.

7. Support hospital programs that transition persons with OUD and any co-occurring SUD/MH conditions, or persons who have experienced an opioid overdose, into clinically appropriate follow-up care through a bridge clinic or similar approach.

8. Support crisis stabilization centers that serve as an alternative to hospital emergency departments for persons with OUD and any co-occurring SUD/MH conditions or persons that have experienced an opioid overdose.

9. Support the work of Emergency Medical Systems, including peer support specialists, to connect individuals to treatment or other appropriate services following an opioid overdose or other opioid-related adverse event.

10. Provide funding for peer support specialists or recovery coaches in emergency departments, detox facilities, recovery centers, recovery housing, or similar settings; offer services, supports, or connections to care to persons with OUD and any co-occurring SUD/MH conditions or to persons who have experienced an opioid overdose.

11. Expand warm hand-off services to transition to recovery services.

12. Create or support school-based contacts that parents can engage with to seek immediate treatment services for their child; and support prevention, intervention, treatment, and recovery programs focused on young people.

13. Develop and support best practices on addressing OUD in the workplace.

14. Support assistance programs for health care providers with OUD.

15. Engage non-profits and the faith community as a system to support outreach for treatment.

16. Support centralized call centers that provide information and connections to appropriate services and supports for persons with OUD and any co-occurring SUD/MH conditions.

D. ADDRESS THE NEEDS OF CRIMINAL JUSTICE-INVOLVED PERSONS

Address the needs of persons with OUD and any co-occurring SUD/MH conditions who are involved in, are at risk of becoming involved in, or are transitioning out of the criminal justice system through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Support pre-arrest or pre-arraignment diversion and deflection strategies for persons with OUD and any co-occurring SUD/MH conditions, including established strategies such as:

    1. Self-referral strategies such as the Angel Programs or the Police Assisted Addiction Recovery Initiative ("*PAARI*");

    2. Active outreach strategies such as the Drug Abuse Response Team ("*DART*") model;

    3. "Naloxone Plus" strategies, which work to ensure that individuals who have received naloxone to reverse the effects of an overdose are then linked to treatment programs or other appropriate services;

    4. Officer prevention strategies, such as the Law Enforcement Assisted Diversion ("*LEAD*") model;

    5. Officer intervention strategies such as the Leon County, Florida Adult Civil Citation Network or the Chicago Westside Narcotics Diversion to Treatment Initiative; or

    6. Co-responder and/or alternative responder models to address OUD-related 911 calls with greater SUD expertise.

2. Support pre-trial services that connect individuals with OUD and any co-occurring SUD/MH conditions to evidence-informed treatment, including MAT, and related services.

3. Support treatment and recovery courts that provide evidence-based options for persons with OUD and any co-occurring SUD/MH conditions.

4. Provide evidence-informed treatment, including MAT, recovery support, harm reduction, or other appropriate services to individuals with OUD and any co-occurring SUD/MH conditions who are incarcerated in jail or prison.

5. Provide evidence-informed treatment, including MAT, recovery support, harm reduction, or other appropriate services to individuals with OUD and any co-occurring SUD/MH conditions who are leaving jail or prison or have recently left jail or prison, are on probation or parole, are under community corrections supervision, or are in re-entry programs or facilities.

6. Support critical time interventions ("*CTI*"), particularly for individuals living with dual-diagnosis OUD/serious mental illness, and services for individuals who face immediate risks and service needs and risks upon release from correctional settings.

7. Provide training on best practices for addressing the needs of criminal justice-involved persons with OUD and any co-occurring SUD/MH conditions to law enforcement, correctional, or judicial personnel or to providers of treatment, recovery, harm reduction, case management, or other services offered in connection with any of the strategies described in this section.

E. ADDRESS THE NEEDS OF PREGNANT OR PARENTING WOMEN AND THEIR FAMILIES, INCLUDING BABIES WITH NEONATAL ABSTINENCE SYNDROME

Address the needs of pregnant or parenting women with OUD and any co-occurring SUD/MH conditions, and the needs of their families, including babies with neonatal abstinence syndrome ("*NAS*"), through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, those that:

1. Support evidence-based or evidence-informed treatment, including MAT, recovery services and supports, and prevention services for pregnant women—or women who could become pregnant—who have OUD and any co-occurring SUD/MH conditions, and other measures to educate and provide support to families affected by Neonatal Abstinence Syndrome.

2. Expand comprehensive evidence-based treatment and recovery services, including MAT, for uninsured women with OUD and any co-occurring SUD/MH conditions for up to 12 months postpartum.

3. Provide training for obstetricians or other healthcare personnel who work with pregnant women and their families regarding treatment of OUD and any co-occurring SUD/MH conditions.

4. Expand comprehensive evidence-based treatment and recovery support for NAS babies; expand services for better continuum of care with infant-need dyad; and expand long-term treatment and services for medical monitoring of NAS babies and their families.

5. Provide training to health care providers who work with pregnant or parenting women on best practices for compliance with federal requirements that children born with NAS get referred to appropriate services and receive a plan of safe care.

6. Provide child and family supports for parenting women with OUD and any co-occurring SUD/MH conditions.

7. Provide enhanced family support and child care services for parents with OUD and any co-occurring SUD/MH conditions.

8. Provide enhanced support for children and family members suffering trauma as a result of addiction in the family; and offer trauma-informed behavioral health treatment for adverse childhood events.

9. Offer home-based wrap-around services to persons with OUD and any co-occurring SUD/MH conditions, including, but not limited to, parent skills training.

10. Provide support for Children's Services—Fund additional positions and services, including supportive housing and other residential services, relating to children being removed from the home and/or placed in foster care due to custodial opioid use.

PART TWO: PREVENTION

F. PREVENT OVER-PRESCRIBING AND ENSURE APPROPRIATE PRESCRIBING AND DISPENSING OF OPIOIDS

Support efforts to prevent over-prescribing and ensure appropriate prescribing and dispensing of opioids through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Funding medical provider education and outreach regarding best prescribing practices for opioids consistent with the Guidelines for Prescribing Opioids for Chronic Pain from the U.S. Centers for Disease Control and Prevention, including providers at hospitals (academic detailing).

2. Training for health care providers regarding safe and responsible opioid prescribing, dosing, and tapering patients off opioids.

3. Continuing Medical Education (CME) on appropriate prescribing of opioids.

4. Providing Support for non-opioid pain treatment alternatives, including training providers to offer or refer to multi-modal, evidence-informed treatment of pain.

5. Supporting enhancements or improvements to Prescription Drug Monitoring Programs ("*PDMPs*"), including, but not limited to, improvements that:

    1. Increase the number of prescribers using PDMPs;

    2. Improve point-of-care decision-making by increasing the quantity, quality, or format of data available to prescribers using PDMPs, by improving the interface that prescribers use to access PDMP data, or both; or

3. Enable states to use PDMP data in support of surveillance or intervention strategies, including MAT referrals and follow-up for individuals identified within PDMP data as likely to experience OUD in a manner that complies with all relevant privacy and security laws and rules.

6. Ensuring PDMPs incorporate available overdose/naloxone deployment data, including the United States Department of Transportation's Emergency Medical Technician overdose database in a manner that complies with all relevant privacy and security laws and rules.

7. Increasing electronic prescribing to prevent diversion or forgery.

8. Educating dispensers on appropriate opioid dispensing.

G. PREVENT MISUSE OF OPIOIDS

Support efforts to discourage or prevent misuse of opioids through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Funding media campaigns to prevent opioid misuse.

2. Corrective advertising or affirmative public education campaigns based on evidence.

3. Public education relating to drug disposal.

4. Drug take-back disposal or destruction programs.

5. Funding community anti-drug coalitions that engage in drug prevention efforts.

6. Supporting community coalitions in implementing evidence-informed prevention, such as reduced social access and physical access, stigma reduction—including staffing, educational campaigns, support for people in treatment or recovery, or training of coalitions in evidence-informed implementation, including the Strategic Prevention Framework developed by the U.S. Substance Abuse and Mental Health Services Administration ("*SAMHSA*").

7. Engaging non-profits and faith-based communities as systems to support prevention.

8. Funding evidence-based prevention programs in schools or evidence-informed school and community education programs and campaigns for students, families, school employees, school athletic programs, parent-teacher and student associations, and others.

9. School-based or youth-focused programs or strategies that have demonstrated effectiveness in preventing drug misuse and seem likely to be effective in preventing the uptake and use of opioids.

10. Create or support community-based education or intervention services for families, youth, and adolescents at risk for OUD and any co-occurring SUD/MH conditions.

11. Support evidence-informed programs or curricula to address mental health needs of young people who may be at risk of misusing opioids or other drugs, including emotional modulation and resilience skills.

12. Support greater access to mental health services and supports for young people, including services and supports provided by school nurses, behavioral health workers or other school staff, to address mental health needs in young people that (when not properly addressed) increase the risk of opioid or another drug misuse.

H. PREVENT OVERDOSE DEATHS AND OTHER HARMS (HARM REDUCTION)

Support efforts to prevent or reduce overdose deaths or other opioid-related harms through evidence-based or evidence-informed programs or strategies that may include, but are not limited to, the following:

1. Increased availability and distribution of naloxone and other drugs that treat overdoses for first responders, overdose patients, individuals with OUD and their friends and family members, schools, community navigators and outreach workers, persons being released from jail or prison, or other members of the general public.

2. Public health entities providing free naloxone to anyone in the community.

3. Training and education regarding naloxone and other drugs that treat overdoses for first responders, overdose patients, patients taking opioids, families, schools, community support groups, and other members of the general public.

4. Enabling school nurses and other school staff to respond to opioid overdoses, and provide them with naloxone, training, and support.

5. Expanding, improving, or developing data tracking software and applications for overdoses/naloxone revivals.

6. Public education relating to emergency responses to overdoses.

7. Public education relating to immunity and Good Samaritan laws.

8. Educating first responders regarding the existence and operation of immunity and Good Samaritan laws.

9. Syringe service programs and other evidence-informed programs to reduce harms associated with intravenous drug use, including supplies, staffing, space, peer support services, referrals to treatment, fentanyl checking, connections to care, and the full range of harm reduction and treatment services provided by these programs.

10. Expanding access to testing and treatment for infectious diseases such as HIV and Hepatitis C resulting from intravenous opioid use.

11. Supporting mobile units that offer or provide referrals to harm reduction services, treatment, recovery supports, health care, or other appropriate services to persons that use opioids or persons with OUD and any co-occurring SUD/MH conditions.

12. Providing training in harm reduction strategies to health care providers, students, peer recovery coaches, recovery outreach specialists, or other professionals that provide care to persons who use opioids or persons with OUD and any co-occurring SUD/MH conditions.

13. Supporting screening for fentanyl in routine clinical toxicology testing.

PART THREE: OTHER STRATEGIES

I. FIRST RESPONDERS

In addition to items in section C, D and H relating to first responders, support the following:

1. Education of law enforcement or other first responders regarding appropriate practices and precautions when dealing with fentanyl or other drugs.

2. Provision of wellness and support services for first responders and others who experience secondary trauma associated with opioid-related emergency events.

J. LEADERSHIP, PLANNING AND COORDINATION

Support efforts to provide leadership, planning, coordination, facilitations, training and technical assistance to abate the opioid epidemic through activities, programs, or strategies that may include, but are not limited to, the following:

1. Statewide, regional, local or community regional planning to identify root causes of addiction and overdose, goals for reducing harms related to the opioid epidemic, and areas and populations with the greatest needs for treatment intervention services, and to support training and technical assistance and other strategies to abate the opioid epidemic described in this opioid abatement strategy list.

2. A dashboard to (a) share reports, recommendations, or plans to spend opioid settlement funds; (b) to show how opioid settlement funds have been spent; (c) to report program or strategy outcomes; or (d) to track, share or visualize key opioid- or health-related indicators and supports as identified through collaborative statewide, regional, local or community processes.

3. Invest in infrastructure or staffing at government or not-for-profit agencies to support collaborative, cross-system coordination with the purpose of preventing

overprescribing, opioid misuse, or opioid overdoses, treating those with OUD and any co-occurring SUD/MH conditions, supporting them in treatment or recovery, connecting them to care, or implementing other strategies to abate the opioid epidemic described in this opioid abatement strategy list.

4. Provide resources to staff government oversight and management of opioid abatement programs.

K. TRAINING

In addition to the training referred to throughout this document, support training to abate the opioid epidemic through activities, programs, or strategies that may include, but are not limited to, those that:

1. Provide funding for staff training or networking programs and services to improve the capability of government, community, and not-for-profit entities to abate the opioid crisis.

2. Support infrastructure and staffing for collaborative cross-system coordination to prevent opioid misuse, prevent overdoses, and treat those with OUD and any co-occurring SUD/MH conditions, or implement other strategies to abate the opioid epidemic described in this opioid abatement strategy list (*e.g.*, health care, primary care, pharmacies, PDMPs, etc.).

L. RESEARCH

Support opioid abatement research that may include, but is not limited to, the following:

1. Monitoring, surveillance, data collection and evaluation of programs and strategies described in this opioid abatement strategy list.

2. Research non-opioid treatment of chronic pain.

3. Research on improved service delivery for modalities such as SBIRT that demonstrate promising but mixed results in populations vulnerable to opioid use disorders.

4. Research on novel harm reduction and prevention efforts such as the provision of fentanyl test strips.

5. Research on innovative supply-side enforcement efforts such as improved detection of mail-based delivery of synthetic opioids.

6. Expanded research on swift/certain/fair models to reduce and deter opioid misuse within criminal justice populations that build upon promising approaches used to address other substances (*e.g.*, Hawaii HOPE and Dakota 24/7).

7. Epidemiological surveillance of OUD-related behaviors in critical populations, including individuals entering the criminal justice system, including, but not limited to approaches modeled on the Arrestee Drug Abuse Monitoring ("*ADAM*") system.

8. Qualitative and quantitative research regarding public health risks and harm reduction opportunities within illicit drug markets, including surveys of market participants who sell or distribute illicit opioids.

9. Geospatial analysis of access barriers to MAT and their association with treatment engagement and treatment outcomes.

EXHIBIT F

List of States and Overall Allocation Percentages

Alabama	1.6491291250%
Alaska	0.2619596435%
American Samoa	0.0174609943%
Arizona	2.3755949882%
Arkansas	0.9713856799%
California	9.9213830698%
Colorado	1.6616291219%
Connecticut	1.3399918096%
Delaware	0.4951498892%
District of Columbia	0.2078293111%
Florida	7.0259134409%
Georgia	2.7882080114%
Guam	0.0513089852%
Hawaii	0.3443244815%
Idaho	0.5297889112%
Illinois	3.3263363702%
Indiana	2.2168933059%
Iowa	0.7611448951%
Kansas	0.8077259480%
Kentucky	2.1047890943%
Louisiana	1.5229786769%
Maine	0.5651006743%
Maryland	2.1106090494%
Massachusetts	2.3035761083%
Michigan	3.4020234989%
Minnesota	1.2972597706%
Mississippi	0.8942157086%
Missouri	2.0056475170%
Montana	0.3457758645%
N. Mariana Islands	0.0188110001%
Nebraska	0.4313919963%
Nevada	1.2547155559%
New Hampshire	0.6311550689%
New Jersey	2.7551354545%
New Mexico	0.8623532836%
New York	5.3903813405%

North Carolina	3.2502525994%
North Dakota	0.1878951417%
Ohio	4.3567051408%
Oklahoma	0.3053135060%
Oregon	1.4309172888%
Pennsylvania	4.5882419559%
Puerto Rico	0.7295764154%
Rhode Island	0.4942737092%
South Carolina	1.5905629933%
South Dakota	0.2193860923%
Tennessee	2.6881474977%
Texas	6.2932157196%
Utah	1.1945774957%
Vermont	0.2876050633%
Virgin Islands	0.0343504215%
Virginia	2.2801150757%
Washington	2.3189040182%
West Virginia	1.1438786260%
Wisconsin	1.7582560561%
Wyoming	0.1987475390%

EXHIBIT G

Subdivisions Eligible to become Participating Subdivisions and Default Subdivision Fund Allocation Percentages

The Subdivisions set forth on this Exhibit G are eligible to become Participating Subdivisions. By default, the Subdivisions set forth on this Exhibit G shall include: (1) all Litigating Subdivisions; (2) all counties and parishes in States with functional counties or parishes; (3) all Subdivisions that are the highest level of general purpose government in States without functional counties or parishes; and (4) all other Subdivisions with a population of 10,000 or greater. A State may elect to add any additional Subdivisions to this Exhibit G at any time prior to the Initial Participation Date.

Immediately upon the effectiveness of any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3 (or upon the effectiveness of an amendment to any State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3) that addresses allocation from the Subdivision Fund, whether before or after the Initial Participation Date, this Exhibit G will automatically be amended to reflect the allocation from the Subdivision Fund pursuant to the State-Subdivision Agreement, Allocation Statute, Statutory Trust, or voluntary redistribution allowed by subsection VI.D.3.

For the avoidance of doubt, inclusion on this Exhibit G shall not create any claim for any amount of the Settlement Fund, and no such amounts shall be allocated or distributed to any Subdivision included herein if such Subdivision does not otherwise meet all requirements to receive any such funds pursuant to the Agreement.

The Parties recognize the benefits of remediation funds reaching all communities, including through direct payments from the Subdivision Fund. However, to promote efficiency in the use of such funds and avoid administratively-burdensome disbursements that would be too small to add a meaningful abatement response, certain Subdivisions do not receive a direct allocation from the Subdivision Fund. However, such Subdivisions will benefit from Opioid Remediation in their community, and are eligible to receive direct benefits from the Abatement Accounts Fund in their State. All settlement funds, whether allocated to a Settling State, an Abatement Accounts Fund or a Subdivision listed on this Exhibit G can be used for Opioid Remediation in communities not listed herein.

As provided by subsection VI.D.4.c, the Allocation Percentages shown below apply to distribution of each Settling State's Subdivision Fund in the absence of a State-Subdivision Agreement, Allocation Statute, or Statutory Trust. The allocation that would have otherwise gone to Subdivisions not listed below as receiving a direct allocation shall be (1) directed to the county or parish in which such Subdivision is located in Settling States with functional counties or parishes if the relevant county or parish is a Participating Subdivision or (2) to the highest-level general purpose government in which such Subdivision is located in Settling States without functional counties or parishes if the relevant highest-level general purpose government is a Participating Subdivision. Where the relevant county, parish or highest-level General Purpose Government is not a Participating Subdivision, allocations of General Purpose Subdivisions not

listed below as eligible to become Participating Subdivisions shall be allocated pursuant to subsection VII.I. The redirecting of funds described in this paragraph is intended to promote the efficient use of Opioid Remediation funds while keeping, where possible, local control of the distribution of those funds.

This Exhibit G will be updated with Subdivisions eligible to become Participating Subdivisions pursuant to subsection I.77.

EXHIBIT H

Participation Tier Determination*

Participation Tier	Settling States as of the Payment Date (beginning in Payment Year 1)	Percentage of Litigating Subdivisions that Are Participating Subdivisions and/or Subdivisions Subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution in effect as of the Payment Date (beginning in Payment Year 1)	Percentage of Non-Litigating Subdivisions with Populations over 10,000 that Are Participating Subdivisions and/or Subdivisions Subject to a Bar, Case-Specific Resolution, or Settlement Class resolution in effect as of the Payment Date (beginning in Payment Year 1)
1	44	95%	90%
2	45	96%	96%
3	46	97%	97%
4	48	98%	97%

* The following conditions apply to the determination of Participation Tiers:

1. For the sole purpose of the Participation Tier determination under this Exhibit, the States used to calculate each criterion (including the percentages of Litigating and Non-Litigating Subdivisions in Settling States that are Participating Subdivisions) will include each of the 50 states in the United States, excluding the District of Columbia, American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands.

2. Assessment of Subdivision participation percentage will be national in scope.

3. For purposes of determining Participation Tiers, "Litigating Subdivisions" includes Special Districts that have brought any Released Claims against any Released Entities. Special Districts shall have their population measured as set forth in subsection XIII.C.

4. The percentage of Litigating Subdivisions and percentage of Non-Litigating Subdivisions with populations over 10,000 will be calculated as follows: Each Litigating Subdivision and each Non-Litigating Subdivision with a population over 10,000 in the States used to calculate the Participation Tier will be assigned a metric reflecting both population and severity (the "Population-Severity Metric"). The Population-Severity Metric shall be the Subdivision's population plus the Subdivision's population multiplied by the severity factor for the State of the Subdivision (the severity factors for each State are attached as Exhibit T hereto) and then divided in two, thus giving 50% weight to each of population and population multiplied by the severity factor. The denominator for each percentage shall be the sum total of the Population-Severity Metric for all the Subdivisions in the

relevant category (Litigating Subdivisions or Non-Litigating Subdivisions with populations over 10,000) in the Settling States, notwithstanding that persons may be included within the population (and therefore the Population-Severity Metric) of more than one Subdivision. The numerator will be the sum total of the Population-Severity Metrics of all Subdivisions in the relevant category of Subdivision (*i.e.*, Litigating Subdivisions or Non-Litigating Subdivisions with populations over 10,000) in the Settling States that are either Participating Subdivisions or are subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution, notwithstanding that persons may be included within the population of more than one Subdivision. For the avoidance of doubt, Subdivisions in Non-Settling States are excluded from both the denominator and numerator of the calculations for the percentage of Litigating Subdivisions and percentage of Non-Litigating Subdivisions with populations over 10,000.

5. When the Participation Tier is redetermined annually, Later Participating Subdivisions described in Section VII.E.3 or Section VII.E.4 shall not be included as Participating Subdivisions, and for Subdivisions subject to a Bar, Case-Specific Resolution, or Settlement Class Resolution to be included, the Bar, Case-Specific Resolution, or Settlement Class Resolution must have been in effect both as of the relevant Payment Date and for the entire period since the prior Payment Date.

6. Subdivisions with populations over 10,000 are listed on Exhibit I.

EXHIBIT I

Primary Subdivisions and Subdivisions over 10,000

[Distributor Agreement Exhibit I to be inserted]

EXHIBIT J

Janssen Predecessors and Former Affiliates

The following includes a non-exclusive list of Janssen's predecessors and former affiliates:

1. Janssen Pharmaceutica, Inc.
2. Janssen Pharmaceutica N.V.
3. Janssen-Cilag Manufacturing, LLC
4. Janssen Global Services, LLC
5. Janssen Ortho LLC
6. Janssen Products, LP
7. Janssen Research & Development, LLC
8. Janssen Supply Group, LLC
9. Janssen Scientific Affairs, LLC
10. JOM Pharmaceutical Services, Inc.
11. OMJ Pharmaceuticals, Inc.
12. Ortho-McNeil Finance Co.
13. Ortho-McNeil Pharmaceutical
14. Ortho-McNeil-Janssen Pharmaceuticals
15. Ortho-McNeil Pharmaceutical Services Division
16. Ortho-McNeil Neurologic
17. Patriot Pharmaceuticals, LLC
18. Pricara, Ortho-McNeil-Janssen Pharmaceuticals
19. Alza Corp.
20. Alza Development Corp.
21. Janssen Supply Chain, Alza Corp.
22. Noramco, Inc.
23. Tasmanian Alkaloids PTY LTD.

EXHIBIT K

Settlement Participation Form

Governmental Entity:	State:
Authorized Official:	
Address 1:	
Address 2:	
City, State, Zip:	
Phone:	
Email:	

The governmental entity identified above ("Governmental Entity"), in order to obtain and in consideration for the benefits provided to the Governmental Entity pursuant to the Settlement Agreement dated July 21, 2021 ("Janssen Settlement"), and acting through the undersigned authorized official, hereby elects to participate in the Janssen Settlement, release all Released Claims against all Released Entities, and agrees as follows.

SPECIMEN

1. The Governmental Entity is aware of and has reviewed the Janssen Settlement, understands that all terms in this Election and Release have the meanings defined therein, and agrees that by this Election, the Governmental Entity elects to participate in the Janssen Settlement and become a Participating Subdivision as provided therein.

2. The Governmental Entity shall, within 14 days of the Reference Date and prior to the filing of the Consent Judgment, dismiss with prejudice any Released Claims that it has filed.

3. The Governmental Entity agrees to the terms of the Janssen Settlement pertaining to Subdivisions as defined therein.

4. By agreeing to the terms of the Janssen Settlement and becoming a Releasor, the Governmental Entity is entitled to the benefits provided therein, including, if applicable, monetary payments beginning after the Effective Date.

5. The Governmental Entity agrees to use any monies it receives through the Janssen Settlement solely for the purposes provided therein.

6. The Governmental Entity submits to the jurisdiction of the court in the Governmental Entity's state where the Consent Judgment is filed for purposes limited to that court's role as provided in, and for resolving disputes to the extent provided in, the Janssen Settlement.

7. The Governmental Entity has the right to enforce the Janssen Settlement as provided therein.

8. The Governmental Entity, as a Participating Subdivision, hereby becomes a Releasor for all purposes in the Janssen Settlement, including but not limited to all provisions of Section IV (Release), and along with all departments, agencies, divisions, boards, commissions, districts, instrumentalities of any kind and attorneys, and any person in their official capacity elected or appointed to serve any of the foregoing and any agency, person, or other entity claiming by or through any of the foregoing, and any other entity identified in the definition of Releasor, provides for a release to the fullest extent of its authority. As a Releasor, the Governmental Entity hereby absolutely, unconditionally, and irrevocably covenants not to bring, file, or claim, or to cause, assist or permit to be brought, filed, or claimed, or to otherwise seek to establish liability for any Released Claims against any Released Entity in any forum whatsoever. The releases provided for in the Janssen Settlement are intended by the Parties to be broad and shall be interpreted so as to give the Released Entities the broadest possible bar against any liability relating in any way to Released Claims and extend to the full extent of the power of the Governmental Entity to release claims. The Janssen Settlement shall be a complete bar to any Released Claim.

9. In connection with the releases provided for in the Janssen Settlement, each Governmental Entity expressly waives, releases, and forever discharges any and all provisions, rights, and benefits conferred by any law of any state or territory of the United States or other jurisdiction, or principle of common law, which is similar, comparable, or equivalent to § 1542 of the California Civil Code, which reads:

> **General Release; extent.** A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release that, if known by him or her, would have materially affected his or her settlement with the debtor or released party.

A Releasor may hereafter discover facts other than or different from those which it knows, believes, or assumes to be true with respect to the Released Claims, but each Governmental Entity hereby expressly waives and fully, finally, and forever settles, releases and discharges, upon the Effective Date, any and all Released Claims that may exist as of such date but which Releasors do not know or suspect to exist, whether through ignorance, oversight, error, negligence or through no fault whatsoever, and which, if known, would materially affect the Governmental Entities' decision to participate in the Janssen Settlement.

10. Nothing herein is intended to modify in any way the terms of the Janssen Settlement, to which Governmental Entity hereby agrees. To the extent this Election and Release is interpreted differently from the Janssen Settlement in any respect, the Janssen Settlement controls.

SPECIMEN

I have all necessary power and authorization to execute this Election and Release on behalf of the Governmental Entity.

Signature: _____

Name: _____

Title: _____

Date: _____

SPECIMEN

EXHIBIT L

Settlement Fund Administrator

This Exhibit L will be appended to the Agreement prior to the Initial Participation Date pursuant to subsection I.66.

EXHIBIT M

Settlement Payment Schedule

Payment # /Year	Suspension Applies to:	Atty Fee, Costs & Additional Restitution Amount	Base	Incentives A, B & C (maximum)	Incentive D (Lookback Payment)	Credit	Total
Payment 1 ED+90 days	None	$103,244,576	$282,175,271	---	---	$14,580,153	$400,000,000
Payment 2 July 2022	None	---	$658,320,615	---	---	---	$658,320,615
Payment 3 July 2023	Bonus	$93,629,192	---	$526,905,161	---	$71,145,032	$691,679,385
Payment 4 July 2024	Bonus	$93,629,191	$259,273,971	$549,768,597	---	$47,328,241	$950,000,000
Payment 5 July 2025	Bonus	$43,720,414	$262,463,219	$634,274,384	---	$59,541,983	$1,000,000,000
Payment 6 July 2026	Bonus	$43,720,414	$105,720,216	$54,325,273	---	$12,900,764	$216,666,667
Payment 7 July 2027	Bonus & lookback	$43,720,414	$63,074,061	$54,325,273	$42,646,154	$12,900,765	$216,666,667
Payment 8 July 2028	Bonus & lookback	$43,720,414	$63,074,060	$54,325,272	$42,646,154	$12,900,766	$216,666,666
Payment 9 July 2029	Bonus & lookback	---	$82,748,246	$78,371,501	$42,646,154	$12,900,766	$216,666,667
Payment 10 July 2030	Base, bonus & lookback	---	$82,748,248	$78,371,500	$42,646,154	$12,900,765	$216,666,667
Payment 11 July 2031	Base, bonus & lookback	---	$82,748,248	$78,371,500	$42,646,153	$12,900,765	$216,666,666
Total		**$465,384,615**	**$1,942,346,155**	**$2,109,038,461**	**$213,230,769**	**$270,000,000**	**$5,000,000,000**

NOTES:

1. Any adjustments to attorneys' fees and costs will be addressed in the separate attorneys' fees and costs agreement.

2. The attorneys' fees and costs included in the schedule include the Additional Restitution Amount, which will be paid in lieu of attorneys' fees to Settling States listed on Exhibit N.

3. Any offsets under Section V would also be deducted from the base, Incentive B & C maximum, and Incentive D lookback payments and applied proportionately to all payments.

4. Accelerated payments for Incentive A would adjust figures for base and Incentive B & C payments.

5. The dates of payments shown on the schedule are approximate, and will be determined by subsection V.B.1.

EXHIBIT N

Additional Restitution Amount Allocation

Alabama	2.1169269268%
Alaska	0.3443798454%
American Samoa	0.0219613287%
Arizona	2.9452135100%
California	13.1510781360%
Colorado	2.1897380150%
Connecticut	1.7275419499%
Delaware	0.6508743856%
District of Columbia	0.2811929384%
Georgia	3.7040606512%
Guam	0.0665280480%
Hawaii	0.4710748102%
Illinois	4.3924998997%
Indiana	2.7750263890%
Iowa	1.0610119129%
Kansas	1.0960862986%
Louisiana	2.0857625133%
Maine	0.7470015721%
Maryland	2.6658205590%
Massachusetts	2.9180077435%
Michigan	4.3144215263%
Minnesota	1.7616910858%
Missouri	2.5748706956%
Montana	0.4612247807%
N. Mariana Islands	0.0240110183%
Nebraska	0.5931074216%
New York	8.4314865530%
North Carolina	4.1880762974%
North Dakota	0.2646479540%
Oregon	1.8098698760%
Pennsylvania	5.6817646992%
Rhode Island	0.6444665757%
South Carolina	2.0610356358%
Tennessee	3.3570652958%
Texas	10.8573789344%
Utah	1.5481963920%

Vermont	0.3893298238%
Virgin Islands	0.0453295506%
Virginia	3.0182689455%
Wisconsin	2.2927931680%
Wyoming	0.2691763371%

EXHIBIT O

Adoption of a State-Subdivision Agreement

A State-Subdivision Agreement shall be applied if it meets the requirements of Section VI and is approved by the State and by the State's Subdivisions as follows:

1. *Requirements for Approval*. A State-Subdivision Agreement shall be deemed as agreed to when it has been approved by the State and either (a) Subdivisions whose aggregate "Population Percentages," determined as set forth below, total more than sixty percent (60%), or (b) Subdivisions whose aggregate Population Percentages total more than fifty percent (50%) provided that these Participating Subdivisions also represent fifteen percent (15%) or more of the State's counties or parishes (or, in the case of Settling States whose counties and parishes do not function as local governments, 15% of or more of the Settling State's non-county Subdivisions), by number.

2. *Approval Authority*. Approval by the State shall be by the Attorney General. Approval by a Subdivision shall be by the appropriate official or legislative body pursuant to the required procedures for that Subdivision to agree to a legally binding settlement.

3. *Population Percentage Calculation*. For purposes of this Exhibit O only, Population Percentages shall be determined as follows: For States with functional counties or parishes[3], the Population Percentage of each county or parish shall be deemed to be equal to (a) (1) 200% of the population of such county or parish, minus (2) the aggregate population of all Primary Incorporated Municipalities located in such county or parish, divided by (b) 200% of the State's population. A "Primary Incorporated Municipality" means a city, town, village or other municipality incorporated under applicable state law with a population of at least 25,000 that is not located within another incorporated municipality. The Population Percentage of each Primary Incorporated Municipality shall be equal to its population (including the population of any incorporated or unincorporated municipality located therein) divided by 200% of the State's population; *provided* that the Population Percentage of a Primary Incorporated Municipality that is not located within a county shall be equal to 200% of its population (including the population of any incorporated or unincorporated municipality located therein) divided by 200% of the State's population. For all States that do not have functional counties or parishes, the Population Percentage of each non-county Subdivision (including any incorporated or unincorporated municipality located therein), shall be equal to its population divided by the State's population.

4. *Preexisting Agreements and Statutory Provisions*. A State may include with the notice to its Subdivisions an existing agreement, a proposed agreement, or statutory provisions regarding the distribution and use of settlement funds and have the acceptance of such an agreement or statutory provision be part of the requirements to be an Initial Participating Subdivision.

[3] Certain states do not have counties or parishes that have functional governments, including: Alaska, Connecticut, Massachusetts, Rhode Island, and Vermont.

5. *Revised Agreements*. A State-Subdivision Agreement that has been revised, supplemented, or refined shall be applied if it meets the requirements of Section VI and is approved by the State and by the State's Subdivisions pursuant to the terms above.

EXHIBIT P

Injunctive Relief

A. **Definitions Specific to this Exhibit**

1. "*Cancer-Related Pain Care*" means care that provides relief from pain resulting from a patient's active cancer or cancer treatment as distinguished from treatment provided during remission.

2. "*Janssen*" means Johnson & Johnson, Janssen Pharmaceuticals, Inc., Ortho-McNeil-Janssen Pharmaceuticals, Inc., and Janssen Pharmaceutica, Inc. (collectively, "Janssen"), including all of their subsidiaries, predecessors, successors, current officers, directors, employees, representatives, agents, affiliates, parents, and assigns acting on behalf of Janssen in the United States.

3. "*End-of-Life Care*" means care for persons with a terminal illness or at high risk for dying in the near future in hospice care, hospitals, long-term care settings, or at home.

4. "*Health Care Provider*" means any U.S.-based physician or other health care practitioner who is licensed to provide health care services or to prescribe pharmaceutical products and any medical facility, practice, hospital, clinic, or pharmacy.

5. "*In-Kind Support*" means payment or assistance in the form of goods, commodities, services, or anything else of value.

6. "*Lobby*" and "*Lobbying*" shall have the same meaning as "lobbying activities" and "lobbying contacts" under the federal lobbying disclosure act, 2 U.S.C. § 1602 *et seq*., and any analogous state or local provisions governing the person or entity being lobbied. As used in this document, "Lobby" and "Lobbying" include Lobbying directly or indirectly, through grantees or Third Parties.

7. "*Opioid(s)*" means all naturally occurring, synthetic, or semisynthetic substances that interact with opioid receptors and act like opium. For the avoidance of doubt, the term "Opioid(s)" does not include Imodium.

8. "*Opioid Product(s)*" means all current and future medications containing Opioids approved by the U.S. Food & Drug Administration (FDA) and listed by the DEA as Schedule II, III, or IV drugs pursuant to the federal Controlled Substances Act (including but not limited to buprenorphine, codeine, fentanyl, hydrocodone, hydromorphone, meperidine, methadone, morphine, oxycodone, oxymorphone, tapentadol, and tramadol). The term "Opioid Products(s)" shall not include (i) methadone and other substances when used exclusively to treat opioid abuse, addiction, or overdose; or (ii) raw materials, immediate precursors, and/or active pharmaceutical ingredients (APIs) used in the manufacture or study of Opioids or Opioid Products, but only when such materials, immediate precursors, and/or

APIs are sold or marketed exclusively to DEA-licensed manufacturers or DEA-licensed researchers.

9. "*OUD*" means opioid use disorder defined in the *Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM–5)*, as updated or amended.

10. "*Product(s) for the Treatment of Opioid-Induced Side Effects*" means any over-the-counter or prescription remedy used to treat those side effects identified on the FDA label for any Opioid Product, except that, for purposes of the Agreement, Product(s) for the Treatment of Opioid-Induced Side Effects shall not include products that treat OUD or respiratory depression.

11. "*Promote*," "*Promoting*," "*Promotion*," and "*Promotional*" means dissemination of information or other practices intended or reasonably anticipated to increase sales, prescriptions, or that attempts to influence prescribing practices in the United States. These terms shall not include the provision of scientific information or data in response to unsolicited requests from Health Care Providers or payors as allowed in subsection C.2.e-h.

12. "*Third Party(ies)*" means any person or entity other than Janssen or a government entity.

13. "*Treatment of Pain*" means the provision of therapeutic modalities to alleviate or reduce pain.

14. "*Unbranded Information*" means any information that does not identify a specific branded or generic product.

B. **Ban on Selling and Manufacturing Opioids**

1. Janssen shall not manufacture or sell any Opioids or Opioid Products for distribution in the United States. Janssen represents that prior to the Effective Date, it de-listed all of its Opioid Products and no longer ships any of them to or within the United States. Janssen shall provide notice to the Settling States when the last of the inventory Janssen has shipped has expired.

2. Notwithstanding subsection B.1, above, Janssen may continue to manufacture Nucynta and Nucynta ER (collectively "Nucynta") in accordance with the terms of its April 2, 2015 contract with Depomed, Inc., rights to which were assigned to Collegium Pharmaceutical, Inc. ("Collegium") on February 13, 2020, so long as Janssen is not Promoting Nucynta, or selling Nucynta to anyone other than Collegium. Janssen shall not extend, amend, or otherwise alter the terms of its April 2, 2015 contract or enter into any similar agreement related to Nucynta or any other Opioid or Opioid Product. For the term of its April 2, 2015 contract, or until the expiration of subsection B.1, whichever is shorter, Janssen shall make an annual report to the Settling States showing the amount of Nucynta manufactured in accordance with the April 2, 2015 contract.

C. **Ban on Promotion**

1. Janssen shall not engage in Promotion of Opioids or Opioid Products including but not limited to, by:

   a. Employing or contracting with sales representatives or other persons to Promote Opioids or Opioid Products to Health Care Providers or patients, or to persons involved in determining the Opioid Products included in formularies;

   b. Using speakers, key opinion leaders, thought leaders, lecturers, and/or speaking events for Promotion of Opioids or Opioid Products;

   c. Sponsoring, or otherwise providing financial support or In-Kind Support to medical education programs for Promotion of Opioids or Opioid Products;

   d. Creating, sponsoring, operating, controlling, or otherwise providing financial support or In-Kind Support to any website, network, and/or social or other media account for the Promotion of Opioids or Opioid Products;

   e. Creating, sponsoring, distributing, or otherwise providing financial support or In-Kind Support for materials Promoting Opioids or Opioid Products, including but not limited to brochures, newsletters, pamphlets, journals, books, and guides;

   f. Creating, sponsoring, or otherwise providing financial support or In-Kind Support for advertisements that Promote Opioids or Opioid Products, including but not limited to internet advertisements or similar content, and providing hyperlinks or otherwise directing internet traffic to advertisements; and

   g. Engaging in internet search engine optimization or other techniques designed to Promote Opioids or Opioid Products by improving rankings or making content appear among the top results in an internet search or otherwise be more visible or more accessible to the public on the internet.

2. Notwithstanding subsection C.1 directly above, Janssen may:

   a. Maintain a corporate website;

   b. Maintain a website for any Opioid Product that contains principally the following content: the FDA-approved package insert, medication guide, and labeling, and a statement directing patients or caregivers to speak with a licensed Health Care Provider;

c. Provide information or support the provision of information as expressly required by law or any state or federal government agency with jurisdiction in [State];

d. Provide the following by mail, electronic mail, on or through Janssen's corporate or product websites or through other electronic or digital methods: FDA-approved package insert, medication guide, approved labeling for Opioid Products, or other prescribing information for Opioid Products that are published by a state or federal government agency with jurisdiction in [State];

e. Provide scientific and/or medical information in response to an unsolicited request by a Health Care Provider consistent with the standards set forth in the FDA's Draft Guidance for Industry, *Responding to Unsolicited Requests for Off-Label Information About Prescription Drugs and Medical Devices* (Dec. 2011) as updated or amended by the FDA, and Guidance for Industry, *Good Reprint Practices for the Distribution of Medical Journal Articles and Medical or Scientific Reference Publications on Unapproved New Uses of Approved Drugs and Approved or Cleared Medical Devices* (Jan. 2009) as updated or amended by the FDA;

f. Provide a response to any unsolicited question or request from a patient or caregiver, directing the patient or caregiver to the FDA-approved labeling or to speak with a licensed Health Care Provider without describing the safety or effectiveness of Opioids or any Opioid Product or naming any specific provider or healthcare institution; or directing the patient or caregiver to speak with their insurance carrier regarding coverage of an Opioid Product;

g. Provide Health Care Economic Information, as defined at 21 U.S.C. § 352(a), to a payor, formulary committee, or other similar entity with knowledge and expertise in the area of health care economic analysis consistent with standards set forth in the FDA's Draft Questions and Answers Guidance for Industry and Review Staff, *Drug and Device Manufacturer Communications With Payors, Formulary Committees, and Similar Entities* (Jan. 2018), as updated or amended by the FDA;

h. Provide information relating solely to the pricing of any Opioid Product;

i. Sponsor or provide financial support or In-Kind Support for an accredited or approved continuing medical education program required by either an FDA-approved Risk Evaluation and Mitigation Strategy (REMS) program or other federal or state law or regulation applicable in [State] through an independent Third Party, which shall be responsible for the program's content without the participation of Janssen; and

j. Provide information in connection with patient support information on co-pay assistance and managing pain in End-of-Life Care and/or Cancer-Related Pain Care relating to the use of Opioids for managing such pain, as long as the information identifies Janssen as the source of the information.

3. Janssen shall not engage in the Promotion of Products for the Treatment of Opioid-Induced Side Effects, including but not limited to:

a. Employing or contracting with sales representatives or other persons to Promote Products for the Treatment of Opioid-Induced Side Effects to Health Care Providers or patients;

b. Using speakers, key opinion leaders, thought leaders, lecturers, and/or speaking events to Promote Products for the Treatment of Opioid-Induced Side Effects;

c. Sponsoring, or otherwise providing financial support or In-Kind Support to medical education programs that Promote Products for the Treatment of Opioid-Induced Side Effects;

d. Creating, sponsoring, or otherwise providing financial support or In-Kind Support for advertisements that Promote Products for the Treatment of Opioid-Induced Side Effects, including but not limited to internet advertisements or similar content, and providing hyperlinks or otherwise directing internet traffic to advertisements.

4. Notwithstanding subsection C.3 directly above, Janssen may Promote Products for the Treatment of Opioid-Induced Side Effects so long as such Promotion does not associate the product with Opioids or Opioid Products.

5. Treatment of Pain

a. Janssen shall not, either through Janssen or through Third Parties, engage in any conduct that Promotes the Treatment of Pain, except that Janssen may continue to Promote the Treatment of Pain with branded non-Opioids, including Tylenol and Motrin.

b. Janssen shall not, either through Janssen or through Third Parties, engage in any conduct that Promotes the concept that pain is undertreated, except in connection with Promoting the use of branded non-Opioids, including Tylenol and Motrin, for the Treatment of Pain.

c. Janssen shall not disseminate Unbranded Information, including Unbranded Information about a medical condition or disease state, that contains links to branded information about Opioid Products or that otherwise Promotes Opioids or Opioid Products.

6. Notwithstanding subsection C.5 above:

   a. Janssen may Promote or provide educational information about the Treatment of Pain with non-Opioids or therapies such as acetaminophen or non-steroidal anti-inflammatory drugs (NSAIDs), including Promoting or providing educational information about such non-Opioids or therapies as alternatives to Opioid use, or as part of multimodal therapy which may include Opioid use, so long as such non-Opioid Promotional or educational information does not Promote Opioids or Opioid Products.

   b. Janssen may provide educational information about the Treatment of Pain related to medical procedures involving devices manufactured or sold by Janssen, including educational information about Opioids or Opioid Products, so long as such information does not Promote Opioids or Opioid Products.

7. The Promotional conduct prohibited in subsection C is not prohibited insofar as it relates to the Promotion of Opioids or Opioid Products for Cancer-Related Pain Care or End-of-Life Care only, and so long as Janssen is identified as the sponsor or source of such Promotional conduct.

D. **No Financial Reward or Discipline Based on Volume of Opioid Sales**

1. Janssen shall not provide financial incentives to its sales and marketing employees or discipline its sales and marketing employees based upon sales volume or sales quotas for Opioid Products;

2. Janssen shall not offer or pay any remuneration (including any kickback, bribe, or rebate) directly or indirectly, to any person in return for the prescribing, sale, use, or distribution of an Opioid Product; and

3. Janssen's compensation policies and procedures shall ensure compliance with the Agreement.

E. **Ban on Funding/Grants to Third Parties**

1. Janssen shall not directly or indirectly provide financial support or In-Kind Support to any Third Party that primarily engages in conduct that Promotes Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects (subject to subsections C.2, C.4, and C.6), including educational programs or websites that Promote Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects, excluding financial support otherwise required by the Agreement, a court order, or by a federal or state agency.

2. Janssen shall not create, sponsor, provide financial support or In-Kind Support to, or otherwise operate or control any medical society or patient advocacy group that primarily engages in conduct that Promotes Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects.

3. Janssen shall not provide links to any Third Party website or materials or otherwise distribute materials created by a Third Party for the purpose of Promoting Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects (subject to subsections C.2, C.4, and C.6).

4. Janssen shall not use, assist, or employ any Third Party to engage in any activity that Janssen itself would be prohibited from engaging in pursuant to the Agreement. To the extent Janssen supports trade groups engaged in Lobbying, Janssen shall stipulate that such support not be used for any purpose prohibited by the Agreement.

5. Janssen shall not enter into any contract or agreement with any person or entity or otherwise attempt to influence any person or entity in such a manner that has the purpose or foreseeable effect of limiting the dissemination of information regarding the risks and side effects of using Opioids.

6. Janssen shall not compensate or support Health Care Providers or organizations to advocate for formulary access or treatment guideline changes for the purpose of increasing access to any Opioid Product through third-party payors, i.e., any entity, other than an individual, that pays or reimburses for the dispensing of prescription medicines, including but not limited to managed care organizations and pharmacy benefit managers.

7. No officer or management-level employee of Janssen may concurrently serve as a director, board member, employee, agent, or officer of any entity that primarily engages in conduct that Promotes Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects. For the avoidance of doubt, nothing in this provision shall preclude an officer or management-level employee of Janssen from concurrently serving on the board of a hospital.

8. Janssen shall play no role in appointing persons to the board, or hiring persons to the staff, of any entity that primarily engages in conduct that Promotes Opioids, Opioid Products, or Products for the Treatment of Opioid-Induced Side Effects. For the avoidance of doubt, nothing in this paragraph shall prohibit Janssen from fully and accurately responding to unsolicited requests or inquiries about a person's fitness to serve as an employee or Board member at any such entity.

F. **Lobbying Restrictions**

1. Janssen shall not Lobby for the enactment of any federal, state, or local legislative or regulatory provision that:

   a. Encourages or requires Health Care Providers to prescribe Opioids or sanctions Health Care Providers for failing to prescribe Opioids or failing to treat pain with Opioids;

   b. Has the effect of limiting access to any non-Opioid alternative pain treatments; or

c. Pertains to the classification of any Opioid or Opioid Product as a scheduled drug under the Controlled Substances Act.

2. Janssen shall not Lobby against the enactment of any federal, state or local legislative or regulatory provision that supports:

a. The use of non-pharmacologic therapy and/or non-Opioid pharmacologic therapy to treat chronic pain over or instead of Opioid use, including but not limited to third party payment or reimbursement for such therapies;

b. The use and/or prescription of immediate release Opioids instead of extended release Opioids when Opioid use is initiated, including but not limited to third party reimbursement or payment for such prescriptions;

c. The prescribing of the lowest effective dose of an Opioid, including but not limited to third party reimbursement or payment for such prescription;

d. The limitation of initial prescriptions of Opioids to treat acute pain;

e. The prescribing and other means of distribution of naloxone to minimize the risk of overdose, including but not limited to third party reimbursement or payment for naloxone;

f. The use of urine testing before starting Opioid use and annual urine testing when Opioids are prescribed, including but not limited to third party reimbursement or payment for such testing;

g. Evidence-based treatment (such as using medication-assisted treatment with buprenorphine or methadone in combination with behavioral therapies) for OUD, including but not limited to third party reimbursement or payment for such treatment; or

h. The implementation or use of Opioid drug disposal systems.

3. Janssen shall not Lobby against the enactment of any federal, state or local legislative or regulatory provision expanding the operation or use of PDMPs, including but not limited to provisions requiring Health Care Providers to review PDMPs when Opioid use is initiated and with every prescription thereafter.

4. Notwithstanding the foregoing restrictions in subsections F.1-3, the following conduct is not restricted:

a. Challenging the enforcement of or suing for declaratory or injunctive relief with respect to legislation, rules, or regulations referred to in subsection F.1;

b. Communications made by Janssen in response to a statute, rule, regulation, or order requiring such communication;

c. Communications by a Janssen representative appearing before a federal or state legislative or administrative body, committee, or subcommittee as a result of a mandatory order or subpoena commanding that person to testify;

d. Responding, in a manner consistent with the Agreement, to an unsolicited request for input on the passage of legislation or the promulgation of any rule or regulation when such request is submitted in writing specifically to Janssen from a government entity directly involved in the passage of that legislation or promulgation of that rule or regulation; or

e. Lobbying for or against provisions of legislation or regulation that address other subjects in addition to those identified in subsections F.1-3, so long as the company does not support specific portions of such legislation or regulation covered by subsection F.1 or oppose specific portions of such legislation or regulation covered by subsections F.2-3.

5. Janssen shall provide notice of the prohibitions in subsection F to all employees engaged in Lobbying; shall incorporate the prohibitions in subsection F into trainings provided to Janssen employees engaged in Lobbying; and shall certify to the Settling States that it has provided such notice and trainings to Janssen employees engaged in Lobbying.

G. **Ban on Prescription Savings Programs**

1. Janssen shall not directly or indirectly offer any discounts, coupons, rebates, or other methods which have the effect of reducing or eliminating a patient's co-payments or the cost of prescriptions (e.g., free trial prescriptions) for any Opioid Product.

2. Janssen shall not directly or indirectly provide financial support to any Third Party for discounts, coupons, rebates, or other methods which have the effect of reducing or eliminating a patient's co-payments or the cost of prescriptions (e.g., free trial prescriptions) for any Opioid Product.

3. Janssen shall not directly or indirectly assist patients, Health Care Providers, or pharmacies with the claims and/or prior authorization process required for third-party payors to approve payment for any Opioid Product.

H. **General Terms**

1. Janssen shall not make any written or oral statement about Opioids or any Opioid Product that is unfair, false, misleading, or deceptive as defined under the law of [State]. For purposes of this paragraph, "Opioid Product" shall also include methadone and other substances when used exclusively to treat opioid abuse, addiction, or overdose.

2. Janssen shall not represent that Opioids or any Opioid Product(s) have approvals, characteristics, uses, benefits, or qualities that they do not have. For purposes of this paragraph, "Opioid Product" shall also include methadone and other substances when used exclusively to treat opioid abuse, addiction, or overdose.

3. For the avoidance of doubt, the Agreement shall not be construed or used as a waiver or limitation of any defense otherwise available to Janssen in any action, and nothing in the Agreement is intended to or shall be construed to prohibit Janssen in any way whatsoever from taking legal or factual positions with regard to any Opioid Product(s) in defense of litigation or other legal proceedings.

4. Upon the request of the [State] Attorney General, Janssen shall provide the [State] Attorney General with copies of the following, within thirty (30) calendar days of the request:

    a. Any litigation or civil or criminal law enforcement subpoenas or Civil Investigative Demands relating to Janssen's Opioid Product(s); and

    b. Warning or untitled letters issued by the FDA regarding Janssen's Opioid Product(s) and all correspondence between Janssen and the FDA related to such letters.

5. The Agreement applies to conduct that results in the Promotion of Opioids or Opioid Products, or the Treatment of Pain inside the United States.

6. Janssen will enter into the Agreement solely for the purpose of settlement, and nothing contained therein may be taken as or construed to be an admission or concession of any violation of law, rule, or regulation, or of any other matter of fact or law, or of any liability or wrongdoing, all of which Janssen expressly denies. No part of the Agreement, including its statements and commitments, shall constitute evidence of any liability, fault, or wrongdoing by Janssen. The Agreement is not intended for use by any third party for any purpose, including submission to any court for any purpose.

7. Nothing in the Agreement shall be construed to limit or impair Janssen's ability to:

    a. Communicate its positions and respond to media inquiries concerning litigation, investigations, reports or other documents or proceedings relating to Janssen or its Opioid Products.

    b. Maintain a website explaining its litigation positions and responding to allegations concerning its Opioid Products, including the website, www.factsaboutourprescriptionopioids.com.

I. **Compliance with All State Laws and Regulations Relating to the Sale, Promotion, and Distribution of Any Opioid Product**

1. Janssen shall comply with all applicable state laws and regulations that relate to the sale, promotion, distribution, and disposal of Opioids or Opioid Products, including conduct permitted by subsection B.2, provided that nothing in this paragraph requires Janssen to violate federal law or regulations, including but not limited to:

    a. [State] Controlled Substances Act, including all guidance issued by the applicable state regulator(s);

    b. [State] Consumer Protection Laws;

    c. [State] laws, regulations, and guidelines related to opioid prescribing, distribution, and disposal; and

    d. [State Specific Laws].

J. **Clinical Data Transparency**

1. Janssen agrees to continue sharing clinical trial data under the Yale University Open Data Access (YODA) Project to allow researchers qualified under the program to access the company's proprietary data under the terms of the project.

2. In the event Yale University discontinues or withdraws from the YODA Project agreement with Janssen, Janssen shall make its clinical research data regarding Opioids and Opioid Products, and any additional clinical research data that Janssen sponsors and controls regarding Opioids and Opioid Products, available to an independent entity that is the functional equivalent of the YODA Project under functionally equivalent terms.

K. **Enforcement**

1. For the purposes of resolving disputes with respect to compliance with this Exhibit, should any of the Settling States have a reasonable basis to believe that Janssen has engaged in a practice that violates a provision of this Exhibit subsequent to the Effective Date, such Settling State shall notify Janssen in writing of the specific objection, identify with particularity the provision of the Agreement that the practice appears to violate, and give Janssen thirty (30) days to respond in writing to the notification; provided, however, that a Settling State may take any action if the Settling State believes that, because of the specific practice, a threat to health or safety of the public requires immediate action.

2. Upon receipt of written notice, Janssen shall provide a good faith written response to the Settling State's notification, containing either a statement explaining why Janssen believes it is in compliance with this Exhibit of the Agreement, or a detailed explanation of how the alleged violation occurred and a statement

explaining how Janssen intends to remedy the alleged breach. Nothing in this section shall be interpreted to limit the [State's] civil investigative demand ("CID") or investigative subpoena authority, to the extent such authority exists under applicable law, and Janssen reserves all of its rights in responding to a CID or investigative subpoena issued pursuant to such authority. If Janssen notifies the Settling States in writing that two or more Settling States have notified Janssen of alleged violations, the Settling States that provided notice of alleged violations shall work in good faith to collectively resolve the alleged violation with Janssen before taking any enforcement action(s).

3. The Settling States may agree, in writing, to provide Janssen with additional time beyond thirty (30) days to respond to a notice provided under subsection K.1, above, without Court approval.

4. Upon giving Janssen thirty (30) days to respond to the notification described above, the Settling State shall also be permitted reasonable access to inspect and copy relevant, non-privileged, non-work product records and documents in possession, custody, or control of Janssen that relate to Janssen's compliance with each provision of the Agreement pursuant to that Settling State's CID or investigative subpoena authority.

5. The Settling State may assert any claim that Janssen has violated the Agreement in a separate civil action to enforce compliance with the Agreement, or may seek any other relief afforded by law for violations of the Agreement, but only after providing Janssen an opportunity to respond to the notification described in subsection K.1, above; provided, however, the Settling State may take any action if the Settling State believes that, because of the specific practice, a threat to the health or safety of the public requires immediate action.

6. In the event of a conflict between the requirements of the Agreement and any other law, regulation, or requirement such that Janssen cannot comply with the law without violating the terms of the Agreement or being subject to adverse action, including fines and penalties, Janssen shall document such conflicts and notify the Settling State of the extent to which it will comply with the Agreement in order to eliminate the conflict within thirty (30) days of Janssen's discovery of the conflict. Janssen shall comply with the terms of the Agreement to the fullest extent possible without violating the law.

7. Janssen or any Settling State may request that Janssen and any Settling State meet and confer regarding the resolution of an actual or potential conflict between the Agreement and any other law, or between interpretations of the Agreement by different courts. Nothing herein is intended to modify or extend the jurisdiction of any single judicial authority as provided by law.

L. **Compliance Duration**

1. Subsections B-J shall be effective for 10 years from the Effective Date.

2. Nothing in this Agreement shall relieve Janssen of its independent obligation to fully comply with the laws of [State] after expiration of the 10-year period specified in this subsection.

M. **Compliance Deadlines**

1. Janssen must be in full compliance with the provisions included this Agreement by the Effective Date. Nothing herein shall be construed as permitting Janssen to avoid existing legal obligations.

EXHIBIT Q

Non-Released Entities

The following includes a non-exclusive list of non-Released Entities:

1. Actavis LLC
2. Actavis Pharma, Inc.
3. Allergan PLC
4. Allergan Finance, LLC
5. AmerisourceBergen Corporation
6. AmerisourceBergen Drug Corporation
7. Anda, Inc.
8. Cardinal Health, Inc.
9. Cephalon, Inc.
10. Collegium Pharmaceuticals
11. CVS Health Corp.
12. CVS Pharmacy, Inc.
13. Endo Pharmaceuticals Inc.
14. Endo Health Solutions Inc.
15. Mallinckrodt LLC
16. McKesson Corporation
17. McKinsey & Company Inc.
18. Par Pharmaceutical, Inc.
19. Par Pharmaceutical Companies, Inc.
20. Purdue Pharma L.P.
21. Purdue Pharma Inc.
22. SpecGx LLC
23. Teva Pharmaceuticals USA, Inc.
24. The Purdue Frederick Company
25. Walgreen Co.
26. Walgreens Boots Alliance, Inc.
27. Walmart Inc.
28. Watson Laboratories, Inc.

EXHIBIT R

Agreement on Attorneys' Fees, Costs, and Expenses

This Agreement on Attorneys' Fees, Expenses and Costs ("Fee Agreement"), is entered between Janssen and the Plaintiffs' Executive Committee appointed in the multidistrict litigation in the Northern District of Ohio, *In re National Prescription Opiate Litigation*, No. 1:17-MD-2804 ("MDL PEC"), in connection with the Janssen Master Settlement Agreement ("Janssen Agreement"). This Fee Agreement becomes effective on the Effective Date of the Janssen Agreement or the date that the Consent Judgments anticipated under the Janssen Agreement become final in 25 Settling States (whichever is later). However, the costs specified in paragraphs II.I.1 and II.I.4 of this Fee Agreement that are to be funded pre-Effective Date by Janssen are effective upon agreement in writing with Janssen.

I. Definitions

A. This Fee Agreement incorporates all defined terms in the Janssen Agreement, unless otherwise defined herein, and shall be interpreted in a manner consistent with the Janssen Agreement.

B. "*Attorney*." Any of the following retained through a legal contract: a solo practitioner, multi-attorney law firm, or other legal representative of a Participating Subdivision.

C. "*Attorney Fee Fund*." An account consisting of funds allocated to pay attorneys' fees approved pursuant to Section II of this Fee Agreement established by Order of and under the ongoing jurisdiction of the MDL Court, as provided below.

D. "*Common Benefit Fund*." The sub fund of the Attorney Fee Fund described in Section II.C.

E. "*Contingency Fee Fund*." The sub fund of the Attorney Fee Fund described in Section II.D.

F. "*Cost and Expense Fund Administrator*." The administrator appointed by the MDL Court to administer the MDL Expense Fund and Litigating Subdivision Cost Fund as provided in the Fee Agreement.

G. "*Cost Funds*." Collectively, the MDL Expense Fund and Litigating Subdivision Cost Fund.

H. "*Fee Entitlement*." Any right, entitlement or expectation, including but not limited to a fee contract, contingent fee contract, agreement, referral arrangement, co-counsel arrangement, State Back-Stop agreement, or any other arrangement by which counsel could receive compensation or other consideration. For the avoidance of doubt, the scope of Fee Entitlement under paragraph II.G.3.a does not include any Attorneys' fees associated with representation of a State.

I. "*Fee Panel*." The three-person panel appointed by the MDL Court to administer the Attorney Fee Fund and its sub funds as provided in the Fee Agreement.

J. "*Litigating Subdivision Cost Fund*." The cost fund described in Section II.E herein.

K. "*MDL Court*." United States District Court for the Northern District of Ohio Eastern Division, Case No. 1:17-md-2804, Judge Dan Aaron Polster.

L. "*MDL Expense Fund*." The cost fund described in Section II.F below.

M. "*MDL PEC*." The Plaintiffs' Executive Committee appointed by the MDL Court.

N. "*Non-Participating Litigating Subdivision*." A Litigating Subdivision that is not a Participating Subdivision.

O. "*Participating Litigating Subdivision*." A Litigating Subdivision that is also a Participating Subdivision.

P. "*Participation Agreement*." An agreement executed by an Attorney that acknowledges the obligation to pay an appropriate MDL Common Benefit Assessment.

Q. "*Qualifying Representation*." Legal services provided for representation of a Participating Litigating Subdivision regarding Released Claims against Released Entities.

R. "*State Back-Stop Agreement*." Any agreement by a Settling State and private counsel for Participating Subdivisions in that State (or legislation enacted in that State) to provide, adjust, or guarantee attorneys' fees and costs, whether from the Attorney Fee Fund or any other source recognized in the agreement or legislation.

II. Fees and Costs

A. *Total Attorneys' Fees and Costs*.

1. Total attorneys' fees and costs to be paid by Janssen to Attorneys in each of the relevant Payment Years under this Agreement shall be up to the following amounts, subject to the provisions set forth below, including with respect to the division of the Attorney Fee Fund into its sub funds:

	Attorney Fee Fund (Contingency Fee Fund and Common Benefit Fund)	MDL Expense Fund	Litigating Subdivision Cost Fund
Payment Year 1	$32,391,518.74	$9,615,384.61	$10,000,000.00
Payment Year 2	$35,936,883.63		$10,000,000.00
Payment Year 3	$64,482,248.52		$10,000,000.00
Payment Year 4	$43,720,414.21		
Payment Year 5	$43,720,414.21		
Payment Year 6	$43,720,414.21		
Payment Year 7	$43,720,414.21		

2. The sub funds within the Attorney Fee Fund shall include the Common Benefit Fund and the Contingency Fee Fund. The Cost Funds shall include the MDL Expense Fund, and the Litigating Subdivision Cost Fund. The State Counsel Fee Fund and the State Cost Fund shall be separate funds under the control of the Settling States.

3. The Contingency Fee Fund and the Common Benefit Fund shall be administered by a Fee Panel to be appointed by the MDL Court that will be governed by the provisions of this Fee Agreement and shall design the process and procedures for the allocation of fees pursuant to this Fee Agreement and the MDL Court's Order. The Cost Funds shall be administered by the Cost and Expense Fund Administrator to be appointed by the MDL Court who will be governed by the provisions of this Fee Agreement and shall design the process and procedures for the allocation of costs pursuant to this Agreement and the MDL Court's Order.

4. The fees and costs to be paid under this Fee Agreement are available for Attorneys engaged in Qualifying Representations only. Fees and costs to be paid under this Fee Agreement are not available prior to the Effective Date of the Janssen Agreement or if the Janssen Agreement does not proceed past Janssen's determination in Section VIII.A of the Janssen Agreement. Fees and costs to be paid under this Fee Agreement are not available for representation of Non-Participating Subdivisions or Non-Litigating Subdivisions and are not available for representation of private hospitals, third-party payors, NAS claimants, personal injury/wrongful death claimants, or any entity other than Participating Litigating Subdivisions. In addition, fees and costs under this Fee Agreement are not available for representation of

any individual or entity in matters other than those claims against Released Entities, but may include a reasonable share of representations that involve development of facts for pursuit of opioid-related claims against multiple defendants in the pharmacy, manufacturing, and distribution chain.

B. *Attorney Fee Fund and Sub Funds*

1. There shall be a split of the Attorney Fee Fund into the Contingency Fee Fund and the Common Benefit Fund. The split shall be 40% to the Contingency Fee Fund and 60% to the Common Benefit Fund.

2. In no event shall Janssen be required to pay more into the Attorney Fee Fund in any Payment Year than the maximum amount specified for that Payment Year in paragraph II.A.1, which amounts are reflected in Exhibit M to the Janssen Agreement. The amounts allocated to the Contingency Fee Fund and the Common Benefit Fund set by the Fee Panel shall be subject to the reductions and offsets set forth below.

3. Awards of fees from the Contingency Fee Fund shall be available to Attorneys with Qualifying Representations of Participating Litigating Subdivisions eligible to receive an allocation under the Janssen Agreement, as set forth in Exhibit G to the Janssen Agreement, and shall be made applying the Mathematical Model attached as Exhibit "A" to this Fee Agreement. The collection of the data and calculations for the Mathematical Model has been a cooperative effort among private counsel for a large number of Litigating Subdivisions. The analysis has been spearheaded by Joseph Tann and Andrew Arnold. The Fee Panel is encouraged to continue working with those counsel in application of the Model. The Fee Panel shall oversee the application of the Model and resolve any questions or disputes concerning the eligibility of a Counsel to participate as required in Section II.G. The Panel is empowered to hear disputes concerning and ensure the accuracy of the mathematical calculation.

4. As to awards from the Contingency Fee Fund, there shall be no right of appeal.

5. Any appeal of an award of the Fee Panel from the Common Benefit Fund will be made to the MDL Court and be reviewed under an abuse of discretion standard.

C. *Common Benefit Fund* (60% of the Attorney Fee Fund.)

1. Funds in the Attorney Fee Fund shall be allocated to the Common Benefit Fund according to the schedule set forth below, subject to the adjustments described in paragraph II.C.5. The payments are to be made on the following yearly schedule, subject to the adjustments set forth below:

Payment Year 1	$19,434,911.24
Payment Year 2	$21,562,130.18
Payment Year 3	$38,689,349.11
Payment Year 4	$26,232,248.53
Payment Year 5	$26,232,248.53
Payment Year 6	$26,232,248.53
Payment Year 7	$26,232,248.53
Total:	**$184,615,384.64**

2. The Common Benefit Fund shall be available to compensate Attorneys engaged in Qualifying Representations of Participating Litigating Subdivisions who:

   a. have performed work for the common benefit of all subdivisions pursuant to the guidelines established by Judge Polster set forth in MDL 2804 and the Order dated June 19, 2018, under docket number 636, which is included herein by reference; and

   b. satisfy the eligibility criteria set forth in Section II.G.

   For purposes of Common Benefit Fund distribution, notwithstanding paragraph II.A.4, Attorneys representing Tribal Nations litigating against Janssen that have reached a settlement for Released Claims with Janssen and/or Released Entities and meet the eligibility criteria in Section II.G shall be eligible.

3. The Common Benefit Fund shall be overseen by the Fee Panel, which shall determine the allocation of funds to eligible Attorneys consistent with this Fee Agreement and the June 19, 2018 Order;

4. In assessing the benefits that an Attorney has conferred to Participating Subdivisions (including non-Litigating Subdivisions) and/or Tribes for purposes of any compensation decision, the Fee Panel shall give significant weight to the extent to which (i) the Attorney and his or her clients have contributed to increasing (or reducing) the Initial Participation Tier achieved through participation in the Janssen Agreement, (ii) the Attorney and his or her clients have contributed to increasing (or reducing) the amounts achieved under Incentive Payments A-D through participation in the Janssen Agreement, and (iii) the Attorney and his or her clients have contributed to the potential triggering of any suspension, reduction, or offset of Settlement payment amounts under the Janssen Agreement. The panel may also consider additional fee recoveries the Attorney may potentially obtain, including, but not limited to, from State Back-Stop Agreements, representations of States or Tribal Nations, representations of other clients in opioids-related matters, or through the representation of Subdivision clients,

whether they participated in the Janssen Agreement or not. It is the intent of this provision to recognize that the goal of the Janssen Agreement is to provide for maximum participation by the Subdivisions, maximum abatement funding for all Subdivisions nationally, and the maximum peace for Released Entities. Therefore, representing a Non-Participating Subdivision does not further the goal of the Janssen Agreement, and should not be considered Common Benefit because it does not increase funds available to Participating Subdivisions' abatement programs. Representing Later Litigating Subdivisions is antithetical to the Janssen Settlement, detracts from Common Benefit, and is addressed by the ethics opinion discussed in paragraph II.I.4. The Fee Panel shall consider this concept of "common detriment" set forth in this paragraph in all of its decision making with respect to the allocation of the Attorney Fee Fund among Attorneys, as well as, in its discretion, any offsets provided to Janssen as set forth in paragraph II.C.6 and Section II.H. The Fee Panel shall consider the totality of the Attorney's Participating Litigating Subdivisions as compared to the Attorney's Non-Participating Litigating Subdivisions; the Parties recognize that, although the goal is for 100% participation, Attorneys with a higher number of clients have a higher probability of having one or more non-Participating Litigating Subdivision. As used in this paragraph II.C.4, "client" or "representing" a Subdivision shall include any Litigating Subdivision as to which the Attorney has a Fee Entitlement.

5. As set forth in paragraph II.C.6 and Section II.H, the Fee Panel must consider the factors described in paragraph II.C.4 to determine how and whether to reduce the amounts to be paid by Janssen under this Fee Agreement and to determine how to allocate funds among Attorneys. They may also, at their discretion, consider other factors. Any reduction in payment obligation or credit to be given Janssen in this Fee Agreement shall be applied against Payment Year 7 and working backwards. Any reduction to an Attorney not credited to Janssen shall be allocated to attorneys whose Litigating Subdivision clients participated in the settlement by the Initial Participation Date.

6. The amounts to be provided as a credit or offset to Janssen from the Common Benefit Fund shall depend on the relevant Participation Tier achieved, set forth in Exhibit H of the Janssen Agreement, as follows:

    a. At Participation Tier 1 or below, the Common Benefit Fund payments to be paid by Janssen shall be reduced as follows:

        i. With respect to any Attorney seeking payment from the Common Benefit Fund, the Fee Panel shall compare the aggregate allocation that Participating Litigating Subdivisions with which the Attorney has a Fee Entitlement would receive using the negotiating class allocation metrics with the aggregate amount that all Litigating Subdivisions (Participating and Non-Participating) with which the Attorney has a

Fee Entitlement would receive using the negotiating class allocation metrics, provided that only Litigating Subdivisions in Settling States shall be considered for this ratio. The Fee Panel will multiply the amount to be paid to that Attorney from the Common Benefit Fund by that ratio, reduce the Attorney's award by a maximum reduction of 15%, and the dollar amount of such reduction shall be deducted, dollar-for-dollar, from the amount owed by Janssen to the Common Benefit Fund of the Attorney Fee Fund.

ii. In the event that any Non-Participating Subdivision that is (a) under the jurisdiction of the MDL Court or (b) represented by an Attorney that is obligated to pay into the MDL Common Benefit Fund pursuant to a Participation Agreement, an order of the MDL Court, or any other arrangement settles with or wins a judgment against a Released Entity separate from the Janssen Agreement, and such settlement or judgment results in a common benefit fee assessment or fee payment into the MDL Common Benefit Fund during the time of Janssen's obligation to pay fees under this Fee Agreement, Janssen's obligation to pay into the Common Benefit Fund shall be reduced dollar-for-dollar for any amount of such fee assessments or payments (in the aggregate based on all reductions in this subparagraph II.C.6.a.ii) that exceed the reductions in subparagraph II.C.6.a.i.

iii. For the avoidance of doubt, in Tier 1 for each settlement or judgment with Janssen that results in an assessment or payment to the MDL Common Benefit Fund, that payment shall result in an offset for Janssen, unless the assessment or payment occurs after the Payment Date for Year 7.

b. At Participation Tier 2, the Common Benefit Fund payments to be made by Janssen shall be reduced only as follows:

i. Reduction by the Fee Panel. With respect to all Attorneys making an application that seeks payment from the Common Benefit Fund, the Fee Panel shall, following a determination that an Attorney is eligible under Section II.G, apply the criteria specified in paragraph II.C.4 in determining whether the lack of participation by Subdivisions with which an Attorney has a Fee Entitlement has resulted in a reduction in the Participation Tier achieved, reduction in benefit to Participating Subdivisions as a result of reductions in Incentives A-D, and/or potential triggering of a suspension, reduction, or offset under the Janssen Agreement. If the Fee Panel concludes that such a reduction has occurred, it must consider (1) the relative size of the Non-Participating Subdivision, as adjusted by the severity measures reflected in Exhibit H (governing the Participation Tiers) of the Janssen Agreement, and the impact of its non-participation on the

Janssen Agreement as a whole (including amounts of Incentive Payments and triggering of suspensions, reductions, or offsets); (2) whether and by how much the payment to the Attorney from the Common Benefit Fund should be reduced as a result of the impact of such non-participation on Participating Subdivisions; and (3) whether some or all of said reduction should revert to Janssen due to the reduction in peace obtained from the Janssen Agreement. Consideration of the factors discussed in this subparagraph and paragraph II.C.4 is mandatory. The decision whether to (and by how much) to reduce payments by Janssen or to reduce the payment to any Attorney based on the factors in paragraph II.C.4 shall be in the sole discretion of the Fee Panel.

ii. Offsets.

(1) In the event that any Non-Participating Subdivision that is (a) under the jurisdiction of the MDL Court or (b) represented by an Attorney that is obligated to pay into the MDL Common Benefit Fund pursuant to a Participation Agreement, an order of the MDL Court, or any other arrangement settles with or wins a judgment against a Released Entity separate from the Janssen Agreement, and such settlement or judgment results in a common benefit fee assessment or fee payment into the MDL Common Benefit Fund during the time of Janssen's obligation to pay Common Benefit Fees under this Fee Agreement, Janssen's obligation to pay into the Common Benefit Fund shall be reduced dollar-for-dollar up to the amount of the fee assessment or payment, except that such amount shall be capped at 7.5% of the amount of the settlement or judgment. Such reduction shall be taken first from Payment Year 7 of Janssen's payments to the Common Benefit Fund of the Attorney Fee Fund up to the full amount of Janssen's payment obligation in Payment Year 7, then from Payment Year 6, and so on.

(2) For the avoidance of doubt, for each settlement or judgment with Janssen that results in an assessment or payment to the MDL Common Benefit Fund, that payment shall result in an offset for Janssen, unless the assessment or payment occurs after the Payment Date for Payment Year 7.

c. At Participation Tier 3, the reductions to the Attorney Fee Fund shall be the same as set forth in subparagraph II.C.6.b, except that the cap on each offset shall be 5% of the amount of such settlement or judgment.

d. At Participation Tier 4, there shall be no reductions to Janssen's obligations to make payment into the Common Benefit Fund, but the principles set forth in paragraph II.C.4 shall continue to apply.

D. *Contingency Fee Fund*. (40% of the Attorney Fee Fund.)

1. Funds from the Attorney Fee Fund shall be allocated to the Contingency Fee Fund on the following yearly schedule, subject to the adjustments set forth below:

Payment Year 1	$12,956,607.50
Payment Year 2	$14,374,753.45
Payment Year 3	$25,792,899.41
Payment Year 4	$17,488,165.68
Payment Year 5	$17,488,165.68
Payment Year 6	$17,488,165.68
Payment Year 7	$17,488,165.68
Total:	**$123,076,923.09**

2. The Contingency Fee Fund shall be available to compensate Attorneys engaged in Qualifying Representations of Participating Litigating Subdivisions that meet the criteria set forth in Section II.G.

3. The Contingency Fee Fund shall be available to Attorneys who

   a. represent Litigating Subdivisions that are Participating Subdivisions, whether their actions are filed in state or federal court, and

   b. meet the eligibility criteria of Section II.G.

   c. Participation in the Contingency Fee Fund by counsel that have a case that is not subject to the jurisdiction of the MDL Court shall not create, provide, or waive jurisdiction of the MDL Court over that Litigating Subdivision, that case or Attorneys, other than to oversee the fairness of the distribution process, and enforcement of this Fee Agreement.

4. The amounts owed by Janssen to the Contingency Fee Fund shall depend on the relevant Participation Tier set forth in Exhibit H of the Janssen Agreement as follows:

   a. At Participation Tiers 1, 2 and 3, the Contingency Fee Fund payments shall be reduced as follows:

      i. For Non-Settling States, the Contingency Fee Fund payments shall first be reduced by the amounts identified by the Fee Panel, pursuant to paragraph II.H.6, that would have been owed to counsel for Litigating Subdivisions in Non-Settling States, had those States and those Litigating Subdivisions been Settling States and Participating Subdivisions.

ii. Following the calculation in subparagraph II.D.4.a.i, the Contingency Fee Fund payments shall be reduced to reflect the non-joinder of Litigating Subdivisions in Settling States by subtracting the amounts identified by the Fee Panel, pursuant to paragraph II.H.6, that would have been owed to counsel for Non-Participating Litigating Subdivisions in Settling States had such Litigating Subdivisions been Participating Subdivisions.

b. At Participation Tier 4, there shall be no reductions in the Contingency Fee Fund.

c. In the event that Janssen, prior to the Effective Date of the Janssen Agreement, settles with any Litigating Subdivision and, under such settlement agreement pays attorneys' fees, the Fee Panel shall treat those Litigating Subdivisions as Participating Litigating Subdivisions and, applying the same criteria applicable to all Attorneys for Participating Litigating Subdivisions, determine what amount they would have been paid from the Contingency Fee Fund if they had become Participating Subdivisions under the Janssen Agreement without such prior settlement. That sum, rather than being paid to the Attorney for the previously settling Litigating Subdivision, shall be credited and/or returned to Janssen as if determined under (a)(ii) above, except that such credit shall not be greater than the amount to the Attorneys paid under the Litigating Subdivision's prior settlement agreement.

E. *Litigating Subdivision Cost Fund*.

1. Janssen shall pay $30,000,000.00 into the Litigating Subdivision Cost Fund, according to the schedule set forth below:

Payment Year 1	$10,000,000.00
Payment Year 2	$10,000,000.00
Payment Year 3	$10,000,000.00
Total	**$30,000,000.00**

2. The Litigating Subdivision Cost Fund shall be available to compensate Attorneys for costs and expenses arising out of representation of Participating Litigating Subdivisions or to compensate Participating Litigating Subdivisions for direct in-house costs for expenditures related to their litigation against Janssen including the cost of in-house employees. No funds in the Litigating Subdivision Cost Fund may be used to compensate the costs incurred by Non-Participating Subdivisions or Non-Litigating Subdivisions or costs and expenses arising out of representation of any such Subdivision. In allocating the Litigating Subdivision Cost Fund, the Administrator shall not allocate any funds for costs incurred after July 21, 2021.

3. During the period between July 21, 2021, and the Effective Date, the MDL PEC, as well as Litigating Subdivisions eligible to claim costs from the Litigating Subdivision Cost Fund, shall make best efforts to cease litigation activity against Janssen, including by jointly seeking stays or severance of claims against Janssen, where feasible, or postponements if a motion to stay or sever is not feasible or is denied, so long as such actions are not otherwise detrimental to the Litigating Subdivision.

4. In the event that Janssen, prior to the Effective Date of the Janssen Agreement, settles with any Litigating Subdivision and, under such settlement agreement pay costs to the Litigating Subdivision or its Attorney, the MDL Cost and Expense Fund Administrator shall treat those Litigating Subdivisions as Participating Litigating Subdivisions and, using the same criteria applicable to all applicants to the Litigating Subdivision Cost Fund, determine what amount in costs the Litigating Subdivision or its Attorney would have been paid from the Subdivision Cost Fund if they had settled under the Janssen Agreement. That sum, rather than being paid to the Attorney or the previously settling Litigating Subdivision, shall be credited and/or returned to Janssen, except that such sum shall not be greater than the amount paid under the previously settled Litigating Subdivision's settlement agreement.

5. The MDL Court shall appoint a Cost and Expense Fund Administrator, who shall develop a process and criteria, with input from participating counsel, by which to a) determine the distribution of amounts from the MDL Expense Fund in pursuit of the claims against Janssen; and b) receive and evaluate applications from Participating Litigating Subdivisions, whether filed in Federal Court or State Court, to seek reimbursement from the Litigating Subdivision Cost Fund for eligible costs under Section II.E.2 in pursuit of the claims against Janssen. The Cost and Expense Fund Administrator shall require transparency from all applicants as to any other sources for compensating Attorneys for Litigating Subdivisions for costs incurred. The Cost and Expense Fund Administrator shall be compensated from the Fund.

6. In the event that the total amount of reimbursements from the Litigating Subdivision Cost Fund approved as reasonable by the Cost and Expense Administrator is less than the $30,000,000.00, any remaining funds shall revert to Janssen.

F. *MDL Expense Fund*.

1. In Payment Year 1 of the Janssen Settlement, Janssen shall pay the following amount into the MDL Expense Fund:

MDL Expense Fund	$9,615,384.61

2. The MDL Expense Fund shall be released following the Effective Date of this Fee Agreement without any delay to reimburse the MDL Counsel for an agreed-to portion of the expenses incurred, as approved by the Cost and Expense Fund Administrator. The MDL Expense Fund will be paid directly to the MDL Cost Account, set up by MDL Order and will be administered under the ongoing jurisdiction of the MDL Court, as provided below. No funds may be used to compensate the costs incurred by Non-Participating Subdivisions or to compensate any Attorney for costs incurred in representing one or more Non-Participating Subdivisions.

3. In allocating the MDL Expense Fund, the Administrator shall not allocate any funds for costs incurred after July 21, 2021, unless the Administrator determines that there are sufficient funds to cover all subdivision costs incurred prior to July 21, 2021 and that special circumstances exist to justify costs incurred following the public announcement of the Janssen Agreement.

G. *Eligibility*.

1. It is the intention of all parties participating in the Fee Panel process that there should be total transparency to the Fee Panel and to all fund participants. In connection with the process to be developed by the Fee Panel, any and all monies in attorney's fees, including referral fees, expenses paid, promises for payment, or any other Fee Entitlement, to any applicant in any opioid litigation shall be disclosed to the Fee Panel as a condition of participating in the Attorney Fee Fund and prior to an award from the Fee Panel. Any payment, expectation of payment or perceived entitlement to participate in a State Back-Stop Agreement or any other agreement reached with a Settling State or any Subdivision or any other source regarding payment of fees must be disclosed to the Fee Panel. Similarly, any right to payment from any other fund, for example a fund for payment to lawyers representing Settling States or Tribal Nations or Subdivisions shall be disclosed to the Fee Panel. Because it is anticipated that there will be multiple firms listed on contingent fee agreements with Litigating Subdivisions, the Fee Panel shall establish procedures, with input from Attorneys for Participating Litigating Subdivisions, for who should petition for fees from such groups and to whom the fee shall be paid and thereafter distributed to co-counsel in accordance with applicable agreements. For the avoidance of doubt, all Attorneys that are part of such groups must meet the eligibility criteria in paragraph II.G.3, must be subject to the criteria set forth in paragraph II.C.4, and must be disclosed to the Fee Panel.

2. An Attorney may apply for and recover attorneys' fees from the Common Benefit Fund, the Contingency Fee Fund, and the Litigating Subdivision Cost Fund and any fund created by a past or future State Back-Stop Agreement, provided the Attorney satisfies the requirements relevant to each such fund and requirements for disclosure to the Fee Panel.

3. An Attorney may not receive any payment from the Attorney Fee Fund (which includes both the Contingency Fee Fund and the Common Benefit Fund) unless the following eligibility criteria are met and annually certified by the Attorney:

    a. The Attorney must expressly waive the enforcement against the Litigating Subdivision client of all Fee Entitlements (other than under State Back-Stop Agreements) arising out of or related to any or all Qualifying Representations of any Participating Litigating Subdivision prior to applying for attorneys' fees from the Attorney Fee Fund or costs from the Cost Funds. All applications for attorneys' fees or costs under this Fee Agreement shall include an affirmation by the Attorney of such waiver and notice to the client(s) of such waiver. Such waiver shall not preclude the Attorney from submitting such Fee Entitlements to the Fee Panel as a factor for consideration in allocating payments from the Attorney Fee Fund or in connection with a State Back-Stop Agreement. For the avoidance of doubt, no Attorney may recover fees or costs under this Fee Agreement unless the Attorney expressly agrees not to enforce Fee Entitlements as to each and every Participating Litigating Subdivision represented by that Attorney, but such Attorneys may participate in and receive funds from a State Back-Stop Agreement.

    b. The Attorney must represent that s/he has no present intent to represent or participate in the representation of any Later Litigating Subdivision or any Releasor with respect to Released Claims against Released Entities.

    c. The Attorney must represent that s/he has not and will not engage in any advertising or solicitation related to Released Claims against Released Entities where such advertising or solicitation relates to a representation that the Attorney could not undertake consistent with the ethics opinion referenced in paragraph II.I.4.

    d. The Attorney must represent s/he will not charge or accept any referral fees for any Released Claims brought against Released Entities by Later Litigating Subdivisions. For the avoidance of doubt, this representation shall not prohibit Attorneys from receiving allocated shares of any future common benefit assessments arising out of settlements or judgments with Later Litigating Subdivisions represented by other Attorneys that are the result of the MDL Court's Common Benefit order.

    e. The Attorney may not have and must represent that s/he does not have a Fee Entitlement related to a Later Litigating Subdivision.

f. The Attorney must certify that s/he has reviewed the ethics opinion referenced in paragraph II.I.4 and will act in conformity with such opinion.

g. The Attorney must fully disclose the participation, or the anticipation of participation, in any agreement with a Settling State or Participating Subdivision concerning fees arising out of or related to the Janssen Agreement, including any fees paid or anticipated to be paid or any State Back-Stop Agreement.

h. The Attorney must identify for the Fee Panel whether s/he utilized state litigation work product or MDL work product, including but not limited to ARCOS data, document repositories, experts developed in the MDL, and deposition transcripts. The Attorney must identify whether s/he signed the MDL Participation Agreement, and for which case(s) it was signed.

i. Any Attorney who applies for fees from one or both Funds must represent that, having exercised his/her independent judgment, s/he believes the Janssen Agreement to be fair and will make or has made best efforts to recommend the Janssen Agreement to his or her Subdivision clients in Settling States. For avoidance of doubt, each Attorney is expected to exercise his or her independent judgment in the best interest of each client individually before determining whether to recommend joining the settlement. All applications for attorneys' fees or costs under this section shall include an affirmation by the Attorney in compliance with this Subsection.

4. No Attorney receiving fees under this Fee Agreement may apply for or recover from the Attorney Fee Fund fees arising from representing a Non-Settling State or a Non-Participating Subdivision. All applications for attorneys' fees under this Section shall include an affirmation by the Attorney of compliance with this Section.

5. An Attorney who has filed an application under this section and received an award of attorneys' fees shall provide a certification of compliance with the Sections of this Fee Agreement annually during the years upon which they are still entitled to receive attorneys' fee payments.

6. If, at any time, the Attorney is unable to make the representations set forth in this Section, such representations become untrue, or the Attorney falsely represents compliance with the eligibility criteria, the Attorney shall cease to be eligible to receive funds from the Attorney Fee Fund until further review by the Fee Panel of the Attorney's eligibility under and compliance with this Section II.

7. If an Attorney has a Fee Entitlement with a Later Litigating Subdivision or otherwise becomes unable to reaffirm compliance with the eligibility criteria set forth above, the Attorney shall notify Janssen and the Fee Panel. For the avoidance of doubt, any Attorney who undertakes any new representation of, or has a Fee Entitlement with, a Later Litigating Subdivision shall be prohibited from receiving any future funds from the Attorney Fee Fund. If an Attorney fails to notify Janssen and the Fee Panel of such Fee Entitlement with a Later Litigating Subdivision, the Attorney shall be required to refund amounts previously paid.

8. In the event that an Attorney is deemed ineligible by the Fee Panel (whether based on its initial application or subsequent recertification), the Fee Panel shall provide notice to the Attorney and give the Attorney 30 days to provide additional information such that the Fee Panel could re-consider the Attorney's eligibility.

9. To the extent that an Attorney has a Fee Entitlement with a Participating Subdivision and is authorized to bring Released Claims against Released Entities, but such authorization is, in scope, less broad than the category of Released Claims set forth in the Janssen Agreement, such Attorney may participate fully in both the Contingency Fee Fund and the Common Benefit Fund, without any reduction imposed by the Fee Panel due to the scope of the authorization, so long as the Participating Subdivision fully releases all Released Claims against Released Entities.

10. Attorneys applying to the Attorney Fee Fund knowingly and expressly agree to be bound by the decisions of the Fee Panel, subject to the limited appeal rights set forth in this Fee Agreement, and waive the ability to assert the lack of enforceability of the allocation reached through the arbitration procedures outlined herein.

H. *Calculation of Amounts Due.*

1. The Fee Panel shall be solely responsible for determining the amount of fees to be paid to each Attorney and each Participating Subdivision that applies under this Section. None of the Released Entities shall have any responsibility, obligation, or liability of any kind whatsoever with respect to how attorneys' fees are calculated under this Section, except that the Fee Panel may receive information from Janssen as to (a) the identity of Participating, Non-Participating, Litigating, Later Litigating, and Non-Litigating Subdivisions; (b) the impact of non-participation by a Litigating Subdivision as is relevant to the Fee Panel's determination in paragraph II.C.4; and (c) such other information as Janssen may voluntarily elect to provide.

2. The Fee Panel shall establish procedures for the arbitration process consistent with this Fee Agreement and orders of the MDL Court. Such procedures may include submission of documentary and/or other evidence, interviews with applicants and/or other counsel (including counsel for Janssen) that the Fee Panel deems appropriate, and/or other means of creating a record upon which fee awards will be based.

3. In making determinations under this Fee Agreement, the Fee Panel must apply the eligibility criteria set forth in Section II.G of this Fee Agreement and the criteria set forth in Section II. In addition, the Fee Panel will give consideration in regard to Common Benefit awards to the *Johnson* factors, as well as the following factors (which factors may be applied and given relative weight in the Fee Panel's discretion):

    a. The Attorney's contemporaneously recorded time and labor dedicated to Qualifying Representations along with the Attorney's financial commitment to such Qualifying Representations. Claimed "time" will not be automatically accepted by the Fee Panel but will be critically reviewed and given substantially more weight and consideration if such time was subject to the audit process described in any Pretrial Order(s) governing the collection of common benefit time;

    b. The novelty, time, and complexity of the Qualifying Representations;

    c. The skill requisite to perform legal services properly and undesirability of the case;

    d. The preclusion of other employment by the Attorney due to time dedicated to Qualifying Representations;

    e. The "common benefit," if any, alleged to have been conferred by the Attorney and whether such common benefit work product by that Attorney was used by others in parallel litigations against Released Entities whether within or outside the MDL, provided that any Attorney claiming that s/he substantially benefited cases other than those in which s/he entered an appearance as counsel must substantiate such claims by proffering factual support, such as proper supporting affidavits or other documents as determined by the Fee Panel with input from Attorneys for Participating Litigating Subdivisions;

    f. Any "common detriment," as set forth in paragraph II.C.4.

    g. Any contingent fee agreement or other Fee Entitlement with Participating Subdivisions, enforcement of which, except for State Back-Stop Agreements, are waived in conjunction with the application, the nature and extent of any work for those Participating Subdivisions, whether such

Participating Subdivisions actively litigated and, if so, the nature and procedural history of such case(s);

h. The experience, reputation, and ability of the Attorney;

i. Whether the Attorney's clients brought Released Claims against Released Entities;

j. The status of discovery in cases primarily handled by the Attorney;

k. The nature of any work by the Attorney on "bellwether" cases or cases that were similarly active in litigation;

l. Any pressure points successfully asserted by the Attorney in cases against Janssen or any risk for Janssen created by the Attorney in cases against them;

m. Any risk for defendants created by applicants in cases against Janssen;

n. Successful and unsuccessful motion practice in cases worked on by the Attorney;

o. The date of filing of any cases filed by the Attorney;

p. Obtaining consolidation of the litigation in the Attorney's jurisdiction;

q. The number and population of entities represented by the Attorney and the fees that would have been awarded under extinguished contingent fee arrangements;

r. Whether the Attorney's clients brought claims against Janssen;

s. Whether the Attorney has had a leadership role in the litigation, whether in state or federal court;

t. Whether the Attorney has had a leadership role in any negotiations aimed at resolving the litigation;

u. Whether the Attorney's cases have survived motions to dismiss;

v. The extent to which the Attorney contributed to the work product used for the common benefit of opioids litigants, including, without limitation, work on ARCOS data, Prescription Data Monitoring Programs, IQVIA data, depositions, document production and analysis experts, motions, briefs and pleadings, trial preparations, and trials;

w. The extent to which litigation was done prior to and contributed to completion of settlement negotiations, as distinct from litigation that was done litigating after the announcement of the Janssen Agreement, such latter litigation both being of less value and potentially resulting a common detriment to the settlement process; and

x. Any other factors that the Fee Panel finds to be appropriate to consider after input from applicants to the Attorney Fee Fund.

4. The Fee Panel shall develop procedures for receiving a single application, which may be updated or amended based on new information (such as participation by additional Litigating Subdivisions) from each Attorney seeking compensation from the Attorney Fee Fund pursuant to processes and procedures developed by the Fee Panel, which shall not be inconsistent with this Fee Agreement. Any request for attorneys' fees not included on the single application or through the updating/amendment process designed by the Fee Panel shall be deemed waived. For purposes of transparency and to permit the Fee Panel to conduct its work, the application from each Attorney shall, at a minimum, require each Attorney to

   a. Identify all Litigating Subdivisions for which s/he is seeking payment from the Attorney Fee Fund;

   b. Identify all Subdivisions in both Settling and Non-Settling States (and, where applicable, Tribal Nations) with respect to which s/he has a Fee Entitlement with respect to Relevant Claims against Released Entities, and identify all co-counsel in such cases;

   c. Identify which of those Subdivisions are Participating Subdivisions and which are not (with similar information for Tribal Nations, where applicable);

   d. Specify the specific fund or funds within the Attorney Fee Fund from which the Attorney is seeking compensation;

   e. Demonstrate his or her eligibility for compensation from the relevant sub funds within the Attorney Fee Fund pursuant to the criteria set forth for the relevant sub fund;

   f. Identify any and all Fee Entitlements from representations of States, Tribal Nations, or other plaintiffs related to Released Claims against Released Entities or in opioids-related matters;

   g. Notwithstanding "a-f" above, the Panel may consider a supplemental application if the Attorney shows good cause why circumstances exist that will lead to consideration for additional Common Benefit award.

Examples would include, but are not limited to, an Attorney having Non-Participating Litigating Subdivision clients that subsequently become Participating Subdivisions, a Bar Date passes that increases participation or the Participation Tier, or an Allocation Agreement is reached.

5. With respect to the Common Benefit Fund, the Fee Panel shall (subject to any applicable MDL Court Order):

    a. Review the applications of all Attorneys seeking compensation from the Common Benefit Fund, including determining eligibility for each Attorney as set forth in Section II.G.

    b. Reduce, on an annual basis, Janssen's payment obligations, as set forth in paragraph II.C.5. The Panel shall inform Janssen and the MDL PEC of all such amounts and adjust Janssen's payment obligations accordingly.

    c. Using criteria set forth in Sections II.C and II.I, allocate amounts from the Common Benefit Fund to eligible Attorneys, including payment amounts for each Payment Year. In making such allocations (regardless of the Participation Tier achieved), the Panel shall apply the principles set forth in paragraph II.C.4 and shall allocate any reduction in the payments of Janssen specified in paragraph II.C.5 to the amounts paid to Attorneys with a Fee Entitlement to Litigating Subdivisions that are not Participating Subdivisions.

6. With respect to the Contingency Fee Fund, the Fee Panel shall:

    a. Review the applications of all Attorneys seeking compensation from the Litigating Subdivision Fee Fund, including determining eligibility for each Attorney as set forth in Section II.G.

    b. Apply the Mathematical Model in Exhibit A.

    c. Use such allocations to reduce payments, on an annual basis, the payment obligations of Janssen to the Attorney Fee Fund as set forth in paragraph II.D.4, and distributions therefrom, and inform Janssen and the MDL PEC of all such adjustments.

7. To the extent that there is a dispute about the calculations of the Fee Panel related to the amounts that Janssen is required to pay (including application of any reductions or offsets under this Fee Agreement), such disputes shall be presented to the Fee Panel and any disputed funds be paid into/held in escrow. The Fee Panel shall resolve such disputes expeditiously, with either Party having the right to seek review from the MDL Court.

8. For purposes of determination of fee or cost awards, allocations, reductions, and possible reversions under this Fee Agreement, unless specified otherwise a Subdivision will be considered a Non-Participating Subdivision if it is not a Participating Subdivision as of the deadline for the application for the fee or cost award at issue (or, if the determination does not involve a specific application, the date on which the record for such determination closes).

9. In the event that the Fee Panel, through the use of the Mathematical Model set forth in Exhibit A, allocates funds from the Contingency Fee Fund for an Attorney based on a Qualifying Representation of a Participating Litigating Subdivision or allocates cost to such Participating Litigating Subdivision and that Subdivision is in a Settling State in which the Consent Judgment has not been approved, such funds shall be placed into escrow until the Consent Judgment is approved, after which time they shall be released.

I. *Miscellaneous*.

1. The costs associated with the Fee Panel prior to the Effective Date of the Attorney Fee Agreement shall be funded by Janssen. The Fee Panel shall charge an hourly rate that previously has been approved by a federal or state court and shall provide a budget and a cap for such work prior to the Effective Date, which shall be approved by Janssen and such approval shall not be unreasonably withheld. Janssen shall receive a refund for any such payment of pre-Effective Date costs from interest that accrues on the monies in the Attorney Fee Fund (including interest that accrues during such time as the Attorney Fee Fund monies are in escrow prior to the Effective Date of the Janssen Agreement), up to the amount of such costs. Post-Effective Date, the cost of the Fee Panel shall be charged against the applicable Fee Fund based on allocation by the Fee Panel and shall not be otherwise funded by Janssen. The costs associated with the Cost and Expense Fund Administrator shall be paid from funds in the MDL Expense Fund and the Litigating Subdivision Cost Fund and shall not be otherwise funded by Janssen.

2. The MDL PEC will seek, and the Attorneys General for Settling States and Janssen will not oppose, a Common Benefit Fee Order requiring an assessment of 7.5% on the gross recovery (by judgment or settlement) of any Non-Participating Subdivision that is subject to the federal court jurisdiction, represented by a MDL PEC firm, represented by any Attorney receiving fees from the Common Benefit Fund, represented by any Attorney that signed a Participation Agreement or paid in a case otherwise under the jurisdiction of the MDL Court.

3. The MDL PEC shall provide to Janssen information they have that identifies Attorneys who represent Litigating Subdivisions who are not Participating Subdivisions and who have an obligation to pay a common benefit assessment, either due to the MDL Court's orders or having signed a Participation Agreement.

4. The MDL PEC shall retain ethics counsel of its choice to provide an opinion that addresses the compliance of its ethical obligations, as it relates to the Janssen Agreement. Such opinion shall address the issue of the potential conflict of interest for an Attorney that had represented a Participating Subdivision also representing a Later Litigating Subdivision as defined in the Janssen Agreement. This Subsection shall be enforceable to the extent permitted by the equivalent to Rules 1.16 and 5.6 of the ABA Model Rules of Professional Conduct in the relevant jurisdictions. The opinion shall be provided to Janssen as soon as it is completed and, in any event, prior to July 31, 2021 and shall be disseminated to counsel eligible to apply to the Attorney Fee Fund within 30 days of the announcement of the Janssen Agreement. The MDL PEC represents that it will comply with this opinion until the Reference Date and thereafter if the Janssen Agreement proceeds.

5. Participating Subdivisions agree to instruct their counsel to treat information, work product and expert materials as secret under Rule 1.6 of the ABA Model Rules of Professional Conduct. Accordingly, an Attorney shall not share information or work product with, or experts or materials to, non-participants (other than the Attorney's own current clients or their lawyers, consultants, experts or other representatives or agents). However, nothing herein shall prevent MDL Leadership or PEC Counsel from fulfilling their obligations in any MDL and the MDL Court Order.

III. Miscellaneous

A. *Termination*. If the Janssen Agreement does not proceed past the Reference Date, whether because Janssen does not determine to proceed or for any other reason, this Fee Agreement shall be null and void, Janssen shall have no obligation to make any payments under this Fee Agreement, and Janssen and the PEC shall take such steps as are necessary to restore the *status quo ante*.

B. *MDL Court Consideration*. This Fee Agreement shall be attached as an exhibit to the Janssen Agreement. This Fee Agreement shall also be submitted by Janssen and the MDL PEC to the MDL Court for approval pursuant to the motion and order that shall be attached, prior to the Preliminary Agreement Date of the Janssen Agreement, as Exhibit B.

1. In the event that the MDL Court, through an order, makes any change to the amounts potentially to be paid by Janssen under this Fee Agreement, makes any change to the Fee Panel's consideration of the factors set forth in paragraph II.C.4, or any other material change to the draft Order attached as part of Exhibit B or the terms of this Fee Agreement, Janssen and the MDL PEC shall meet and confer concerning such changes.

2. If Janssen and the MDL PEC are unable to reach agreement and revisions to this Fee Agreement in the event discussed in paragraph III.B.1, this Fee

Agreement shall be null and void, Janssen shall have no obligation to make any payments under this Fee Agreement, and Janssen and the MDL PEC shall take such steps as are necessary to restore the *status quo ante*.

C. *Amendment*. Once the MDL Court has entered an order implementing this Fee Agreement, this Fee Agreement can only be amended by (1) written agreement of Janssen and the MDL PEC and (2) approval by the MDL Court.

D. *Jurisdiction and Enforcement*. The MDL Court shall have exclusive and ongoing jurisdiction over the enforcement and implementation of this Fee Agreement as set forth herein. The MDL PEC shall be the Authorized Party to enforce this Fee Agreement, as to the payment obligations of Janssen as set forth in this section, and as to Attorneys making application to the Funds under this Fee Agreement. Solely for purposes of assessing or allocating common benefit fees, the MDL Court will continue to have jurisdiction over the work product developed in the MDL Court by and under the direction of the MDL PEC with respect to claims against Janssen, including data and documents, depositions, expert reports, briefs and pleadings; and the MDL Court's protective orders, management orders, and other decisions regarding such discovery and other work product, including but not limited to, conditions on its use, will continue in full force and effect. Nothing in this paragraph authorizes the MDL Court to act contrary to this Agreement or to share any of the work product, or provides the MDL Court with jurisdiction over the Janssen Agreement.

EXHIBIT S

Agreement on the State Cost Fund Administration

1. **Creation of a State Cost Fund.** Janssen and the Settling States agree to the creation of a state cost fund to pay litigation costs and expenses associated with litigation and investigation related to the opioid litigation (hereinafter the "State Cost Fund"). This agreement is a material part of the Settlement Agreement. The State Cost Fund shall be administered separately from the Common Benefit Fund, the Contingency Fee Fund, the State Counsel Fee Fund, Subdivision Costs Fund, and the MDL Expense Fund. No funds may be released from the State Cost Fund to Non-Settling States.

2. **State Cost Fund Amount.** In Payment 1 of the Settlement, Janssen shall pay into the State Cost Fund $13,461,539 (the "State Cost Fund Amount"). Janssen's State Cost Fund payment shall be a component of its Global Settlement Attorney Fee Amount payable to the Attorney Fee Fund, for Payment 1.

3. **State Cost Fund Committee.** A committee of Attorneys General from Settling States or their designated representatives (hereinafter the "State Cost Fund Committee") shall oversee the State Cost Fund. The committee shall initially consist of the following states: (a) Delaware; (b) Florida; (c) Georgia; (d) New York; (e) North Carolina; (f) Ohio; (g) Tennessee; and (h) Texas. The Settling State Attorneys General may by majority vote add or change the composition of the State Cost Fund Committee, including replacing any above State, if that State is not a Settling State.

4. **State Cost Fund Administrator.** The State Cost Fund Committee shall select an administrator (the "State Cost Fund Administrator"). The State Cost Fund Administrator may be different from the Settlement Administrator under the Settlement Agreement. The State Cost Fund Administrator shall be responsible for administering the State Cost Fund and making payments to Settling States.

5. **State Cost Fund Guidelines.** Monies in the State Cost Fund shall be released without any delay to reimburse Settling States for documented opioid litigation and investigation costs incurred or paid. In allocating the State Cost Fund, no funds shall be allocated for costs incurred after July 21, 2021. The State Cost Fund Committee shall establish guidelines for the submission and approval of expenses eligible for reimbursement from the State Cost Fund. The State Cost Fund Administrator shall, in accordance with such guidelines, receive from Settling States records sufficient to demonstrate the incurrence and/or payment of each expense attributable to investigation or litigation related to the opioid litigation, including any outstanding National Association of Attorneys General grant.

6. **State Cost Fund Payment Priorities and Residual.** To the extent that that the aggregate eligible submissions of costs and expenses from Settling States exceed the State Cost Fund Amount, payments to Settling States shall be paid in the following order until the State

Cost Fund is exhausted. If the State Cost Fund is unable to fully pay costs at any of the following levels, then Settling States with costs at that level shall be paid on a proportional basis. All expenses with a lesser priority from the level where the State Cost Fund is exhausted will not be reimbursed from the State Cost Fund. Costs shall be paid in the following order: (a) the reasonable costs of the State Cost Fund Administrator, if any; (b) repayment of the National Association of Attorneys General grants connected to opioid litigation; (c) costs incurred or paid by outside counsel for a Settling State litigating against Janssen apart from any fee owed; (d) litigation-related costs attributable to the Janssen case incurred or paid by a Settling State litigating against Janssen; (e) pre-suit investigation-related costs attributable to a Janssen investigation incurred or paid by either a Settling State outside counsel (not including any amount of fees or any costs which have already been reimbursed pursuant to clause (c), above) or a Settling State investigating Janssen; (f) costs incurred or paid by a Settling State or outside counsel litigating against another opioid defendant other than a cost share entered into by a Settling State, which costs have not yet been paid under a preceding clause of this paragraph; (g) the amounts paid by a Settling State as part of cost share related to the filing of a proof of claim in the Purdue Pharma, L.P. bankruptcy; and (h) the amounts paid by a Settling State as part of any other cost share, including, but not limited to the cost share entered into by the Non-Consenting States in the Purdue Pharma, L.P. bankruptcy. If the State Cost Fund has additional monies after payment of the State Cost Fund Administrator's and all Settling States' submitted costs, then the remaining funds will be provided to the National Association of Attorneys General to be placed in the Financial Services Fund for the purpose of funding grants for consumer protection or healthcare-related enforcement or training activities. In determining what costs are attributable to Janssen, the State Fund Committee shall develop a guideline that ensures that all Settling States are treated equitably.

EXHIBIT T

Severity Factors

State	Severity Factor
Alabama	108.5243%
Alaska	107.8614%
American Samoa	102.7639%
Arizona	107.7129%
Arkansas	103.2818%
California	82.8688%
Colorado	95.2263%
Connecticut	121.0971%
Delaware	155.5946%
District of Columbia	88.3270%
Florida	107.9604%
Georgia	86.6675%
Guam	96.8019%
Hawaii	77.1051%
Idaho	93.0570%
Illinois	86.6318%
Indiana	108.6768%
Iowa	78.2056%
Kansas	89.6374%
Kentucky	150.0126%
Louisiana	105.2878%
Maine	132.7534%
Maryland	115.2160%
Massachusetts	110.3001%
Michigan	112.4239%
Minnesota	75.9148%
Mississippi	96.7243%
Missouri	107.8496%
Montana	99.7815%
N. Mariana Islands	100.2421%
Nebraska	71.9045%
Nevada	130.5519%
New Hampshire	144.4997%
New Jersey	102.3701%
New Mexico	128.9295%
New York	91.4472%

North Carolina	102.2754%
North Dakota	76.0864%
Ohio	123.0063%
Oklahoma	129.3047%
Oregon	108.9094%
Pennsylvania	118.2821%
Puerto Rico	73.9803%
Rhode Island	143.8802%
South Carolina	99.6801%
South Dakota	76.4482%
Tennessee	129.9078%
Texas	71.6286%
Utah	119.5878%
Vermont	140.2239%
Virgin Islands	100.4396%
Virginia	88.1611%
Washington	100.5007%
Wisconsin	99.6616%
Wyoming	100.9659%

EXHIBIT U

Agreement on the State Outside Counsel Fee Fund

1. **Creation of a State Outside Counsel Fee Fund.** Janssen and the Settling States agree to the creation of a state outside counsel fee fund to pay reasonable attorney's fees of Settling States with outside counsel in connection with litigation against Janssen (the "State Outside Counsel Fee Fund"). This agreement is a material part of the Settlement Agreement. All terms utilized in this Agreement shall have the same meaning as in the Settlement Agreement unless otherwise indicated.

2. **State Outside Counsel Fee Fund Administration.** The State Outside Counsel Fee Fund shall be administered separately from the Common Benefit Fund, the Contingency Fee Fund, the State Cost Fund, and the MDL Expense Fund. A committee of Attorneys General shall oversee the State Outside Counsel Fee Fund ("Fee Fund Committee"). The Fee Fund Committee shall initially consist of the following: (a) Arkansas; (b) Florida; (c) New Jersey; and (d) Puerto Rico. The Fee Fund Committee shall select a settlement fund administrator (who may or may not be different from the Settlement Administrator under the Distributor Agreement) (the "Fee Fund Administrator") who shall administer the State Outside Counsel Fee Fund according to the guidelines and directives of the Fee Fund Committee.

3. **State Outside Counsel Fee Eligibility.** To participate in the State Outside Counsel Fee Fund, an outside counsel for a Settling State must have filed and be maintaining an action in the name of a Settling State or its attorney general against Janssen in a state or federal court as of June 1, 2021. No Settling State can draw attorney's fees from both the State Outside Counsel Fee Fund and the similarly sized fund to reimburse Settling State's without outside counsel.

4. **State Outside Counsel Fee Fund Amount.** Janssen shall pay funds in the State Outside Counsel Fee Fund according to the schedule set forth below, as part of its annual Global Settlement Attorney Fee Amount payable to the Attorney Fee Fund, subject to the adjustments described below:

Payment Year 1	$32,391,518.74
Payment Year 2	$30,769,230.77
Payment Year 3	$ 4,146,942.80

5. **State Outside Counsel Fee Fund Availability and Calculation of Amount.**

   a. The State Outside Counsel Fee Fund shall be available to compensate private counsel for State Attorneys General for approved fees arising out of representation of the State pursuant to the schedule developed by the Fee Fund Committee and provided to Janssen.

b. Fees shall be calculated by adding two components: (a) a fixed amount consisting of fifty (50%) of the amount allocated to a State utilizing the allocation percentage in the Settlement Agreement multiplied times 4.5%; and (b) a proportional percentage of the remaining fee due under that Settling State's contract assuming that fifty (50%) of the State's recovery is allocable to a Settling State (versus allocable to the Settling State's Subdivisions) so that the fees of all Settling States (minus the base amount that would have been due to any of Non-Settling States) exhausts the State Outside Counsel Fee Fund. The proportional share percentage will be the same for each Settling State included in the State Outside Counsel Fee Fund. All amounts paid will be less any costs or fees of the Fee Fund Administrator.

6. **Payment by the Fee Fund Administrator**.

a. If a Settling State and a Settling State's outside counsel agree that the amount calculated in paragraph 5 above satisfies in full amounts owed to all Settling State outside counsel, then upon written notice of that agreement and counsel waiving in writing any entitlement to any additional fee, the Fee Fund Administrator shall pay that Settling State's outside counsel pursuant to the calculation and any schedule created by the Fee Fund Committee.
b. If a Settling State's outside counsel does not agree that the amount calculated in Paragraph 5 above satisfies in full amounts owed by the Settling State, then the Settling State's share shall be placed in an interest bearing escrow account (less reasonable expenses of the Fee Fund Administrator) and held unless and until the Settling State and its outside counsel agree in a signed writing to a resolution of the amount outstanding or there is a final judgment entered that is no longer appealable.
c. Upon being provided a signed, written agreement or the final non-appealable judgment, the Fee Fund Administrator shall release monies from the State Outside Counsel Fee Fund in either the amount held by the Fee Fund Administrator, if the amount of the agreement or judgment is equal to or more than the amount held, or the amount indicated in the agreement or in the final judgment, if the amount in the agreement or judgment is less than the amount held.
d. Nothing herein, including the amounts listed in paragraph 5 above, shall prevent a Settling State from arguing in any proceeding with its outside counsel that (a) its recovery was less than fifty (50%) percent of the recovery in the Settlement Agreement down to and including fifteen (15%) percent of the total recovery; (b) any payment should be discounted by an appropriate discount rate commensurate to the risk of the Settlement Agreement and the timeline that the Settling State is receiving its payments; (c) the settlement amount should be lower because a Settling State's amounts were reduced because a Settling State's outside counsel failed to obtain joinder from a Settling State's Subdivision(s) who(m) the outside counsel also represented;

or (d) any limitation placed by Janssen bars payment of a higher fee to outside counsel.

e. In the event the amount due to the Settling State's outside counsel from an escrow account is less than the total amount of funds escrowed on the account of the Settling State, the balance shall be paid to the Settling State. In no event, other than a State not being a Settling State, shall funds revert to Janssen.

f. Amounts owed by Janssen to the State Outside Counsel Fee Fund shall be reduced and/or credited to Janssen by the amount specified in paragraph 7, below, for any Non-Settling outside counsel States.

7. **Reversion or Reduction of Amounts owed to Non-Settling States.** Amounts owed by Janssen to the State Outside Counsel Fee Fund shall be reduced on account of Non-Settling States as follows:

a. If the State of Washington does not become a Participating State and eleven (11) of the other outside counsel States in the table below become Participating States, then the amount Janssen owes under paragraph 4 will be reduced by the State of Washington's Fixed Amount in the table below.

b. If ten (10) outside counsel States in the table below become Participating States, then the amount Janssen owes under paragraph 4 will be reduced by the allocated Fixed Amount in the table below for each Non-Settling State.

c. If nine (9) or fewer of the outside counsel States in the table below become Participating States, then the amount Janssen owes under paragraph 4 will be reduced by each Non-Settling State's allocated Fixed Amount plus half the difference between the Non-Settling State's full share of the "Fee Amount if all OC States Join" and the Fixed Amount for each Non-Settling State.

	JJ Allocation %	JJ Payment Amount	State Share	Contract Rate	Full Contract Amount	Fixed Amount	Fee Amount if all OC States Join
Arkansas	0.9663486633%	$44,048,604.48	$22,024,302.24	TIPAC	$4,452,430.22	**$991,093.60**	$3,608,210.22
Florida	7.0259134409%	$318,598,151.79	$159,299,075.89	TIPAC	$11,464,953.79	**$7,168,458.42**	$10,417,038.57
Idaho	0.5254331620%	$24,023,889.47	$12,011,944.74	10%	$1,201,194.47	**$540,537.51**	$1,040,060.24
Kentucky	2.0929730531%	$95,444,090.08	$47,722,045.04	TIPAC	$4,636,102.25	**$2,147,492.03**	$4,029,130.22
Mississippi	0.8898883053%	$40,549,243.09	$20,274,621.55	TIPAC	$4,277,462.16	**$912,357.97**	$3,456,713.24
Nevada	1.2486754235%	$56,896,524.63	$28,448,262.31	19%	$5,405,169.84	**$1,280,171.80**	$4,399,082.82
New Hampshire	0.6258752503%	$28,620,454.86	$14,310,277.43	27%	$3,863,761.41	**$643,960.23**	$3,078,451.90
New Jersey	2.7551354545%	$124,934,796.18	$62,467,398.09	33%	$20,614,241.37	**$2,811,032.91**	$16,272,038.83
New Mexico	0.8557238713%	$39,104,404.67	$19,552,202.33	24	$ 4,692,528.56	**$879,849.11**	$3,762,616.04
Ohio	4.3567051408%	$197,559,821.57	$98,779,910.78	TIPAC	$8,438,995.54	**$4,445,095.99**	$7,464,883.44
Puerto Rico	0.7263201134%	$33,083,484.37	$16,541,742.19	25%	$4,135,435.55	**$744,378.40**	$3,308,356.71
South Dakota	0.2169945907%	$9,948,315.49	$4,974,157.75	12%	$596,898.93	**$233,837.10**	$505,909.15
Washington	2.3189040182%	$105,153,378.36	$52,576,689.18	13.5%	$7,097,853.04	**$2,365,951.01**	5,943,742.14

8. In the event that the Fee Fund Administrator has received from Janssen part or all of the amount that Janssen is entitled to offset under paragraph 7 above, the Fee Fund Administrator shall return to Janssen the amount so received.

GUST ROSENFELD P.L.C.

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Phoenix, Arizona 85004-2553
Facsimile 602.254.4878
Telephone 602.257.7456
www.gustlaw.com

To: Mayor and Council Date: December 2, 2021

From: Shiela B. Schmidt, City Attorney

Subject: National Opioid Litigation Settlement Agreements

On November 2, 2021, Council approved the One Arizona Opioid Agreement which establishes Arizona's disbursement of the funds related to a national class action lawsuit against opioid manufacturers and distributors. The One Arizona Opioid Agreement is the Arizona Attorney General's plan to coordinate the settlement of the federal lawsuits concerning the opioid crisis throughout the country. That was the first of two steps required to approve the settlements of the national opioid cases. There are two settlement agreements for the national opioid litigation cases: (1) involving 3 opioid Distributors (McKesson, AmerisourceBergen and Cardinal), referred to as the Distributor Settlement Agreement; and (2) with opioid manufacturer Janssen Pharmaceuticals and its parent company Johnson & Johnson, referred to as the Janssen Settlement Agreement. Once the One Arizona Plan was signed, the City was registered with settlement administrator's website, designating the authorized signer for the two national settlement agreements. The deadline for the City to sign the Distributor and Janssen Settlement Agreements is January 2, 2022. The City will not receive any distributions under the One Arizona Plan agreement unless the City approves and signs both the Distributor and Janssen Settlement Agreements.

The Distributor and Janssen Settlement Agreements are contingent upon a sufficient number of municipalities and counties nationwide signing off on the Agreements. The basic terms of the two Settlement Agreements will provide a proposed $26 billion national settlement, however, the final details, including a critical mass of states and political subdivisions nationally, are necessary to finalize the Settlements. If finalized, Arizona as a whole would receive up to $549 million from the two Settlements and the money would be used for opioid treatment, prevention, and education, as provided for in the One Arizona Plan.

Nationally, the Distributor Settlement Agreement will pay up to $21 billion over 18 years and nationally Janssen Settlement Agreement will pay up to $5 billion over nine years with up to $3.7 billion paid during the first three years. The total funding distributed will be determined by the overall degree of participation by both litigating and non-litigating state and local governments. Arizona's share of the national funding has been determined by an agreement among the states using a formula that takes into account the impact of the crisis on the state and the population of the state.

Because of the uncertainty regarding the number of participating parties and the total number of years for payments under the two Settlement Agreements, it is unknown how much the State of Arizona will receive in the first and subsequent years of the payments and therefore what the City can expect to receive in the first and subsequent years. The bottom line is that if the City does not sign off and agree to the Distributor and Janssen Settlement Agreements the City will receive nothing from the ultimate disbursements.

By signing the Distributor and Janssen Settlement Agreements, the City is forever waiving any and all claims against the Distributors and Janssen, regardless of any additional information that may be discovered in the future. However, in order for the Distributor and Janssen Settlements to be finalized, a critical mass of participating states and local governments will need to sign on.

In addition to the Settlement payments, the Distributor Settlement Agreement require the Distributors to:

- Establish a centralized independent clearinghouse to provide all three distributors and state regulators with aggregated data and analytics about where drugs are going and how often, eliminating blind spots in the current systems used by distributors.
- Use data-driven systems to detect suspicious opioid orders from customer pharmacies.
- Terminate customer pharmacies' ability to receive shipments, and report those companies to state regulators, when they show certain signs of diversion.
- Prohibit shipping of and report suspicious opioid orders.
- Prohibit sales staff from influencing decisions related to identifying suspicious opioid orders.
- Require senior corporate officials to engage in regular oversight of anti-diversion efforts.

In addition to the Settlement payments, the Janssen Settlement Agreement requires Janssen to:

- Stop selling opioids.
- Not fund or provide grants to third parties for promoting opioids.
- Not lobby on activities related to opioids.
- Share clinical trial data under the Yale University Open Data Access Project.

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 7.A. Action Resolution No. 94-21 amending the Development User Fee Schedule - expansion of the Downtown Incentive District
DATE PREPARED: 12/21/21	**DISTRICT NO.:** 1, 2, and 3.
STAFF LIAISON: Brian Craig, Development Services Director, bcraig@buckeyeaz.gov, (623) 349-6209	
DEPARTMENT: Development Services	**AGENDA ITEM TYPE:** Public Meeting / Non Consent - New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council) Council to take action on Resolution No. 94-21 expanding the geographic area within and near the Downtown Buckeye Activity Center eligible for existing reduced development user fees for development of certain uses; amending the Development User Fee Schedule to include the expanded area eligible for existing reduced development user fees for certain development uses; establishing an expiration date for incentive; repealing conflicting resolutions; and providing for severability.

RELEVANT GOALS:
GOAL 2: Enhanced Economic Well-Being and Vitality

ADDITIONAL RELEVANT GOALS:
GOAL 3: A Well-Planned Urban Community

SUMMARY

PROJECT DESCRIPTION:
The City of Buckeye Development User Fee Schedule sets and describes the fees for various development activities and permitting within the City of Buckeye. Section 7: Incentive District of the Schedule details a a program to offer a 75% discount on the fees contained within the Schedule subject to the conditions and geographic extent as described in the section. The incentive district encompasses areas within the historic downtown and is aimed at incentivizing development and reinvestment in the City's core. Since its effective date, July 1, 2018, the discount has been applied to various projects and development, spurring projects that may not have invested in this area otherwise.

Staff believes an expansion of the qualifying geographic area may promote expanded economic development and activity in areas adjacent to the current incentive district boundary. Staff is proposing an expansion area while maintaining the existing incentive district and applicable rules in its entirety. The proposed expansion area will create a widened donut area beyond the core incentive district, have limitations on applicable land use, and be limited in duration. The proposed expansion area for the incentive district program adds land west to SR 85, east toward the Watson Road alignment, south toward the Gila River, north to Maricopa Road. The expansion incentive district is proposed to expire three (3) years from the effective date of the amended Schedule and exclude uses such as low-density residential, salvage yards, resource extraction, temporary uses, and other uses not aimed at regionally significant economic benefit.

BENEFITS:

The Incentive District expansion aims to provide long-term economic benefits to the community and specifically Downtown Buckeye. The expansion area encompasses the Historic Downtown Buckeye Activity Center, as outlined in the 2040 General Plan, and extends to State Route 85 with a vision to capture the future gateway into Downtown Buckeye. Activity Centers denote live, work, play areas that are vibrant mixed-use areas providing destination locations. The Historic Downtown Buckeye Activity Center is defined as a regional destination to capitalize on historical and cultural assets available in the area and specifically denotes supporting a healthy and vibrant core of employment and commercial uses and enhancements of natural resources such as the Gila River. The Incentive District permit fee discount is a tool that can be used to support the following activities, which enhance the city's property tax, sales tax, and employment base within Downtown Buckeye:

- Entices new employment and commercial development opportunities
- Encourages revitalization and redevelopment of existing or vacant buildings and structures
- Fosters new growth and development at the MC 85 and State Route 85 corridor which is seen as the future gateway into Downtown Buckeye
- Supports the El Rio District Area Plan: A vision for Buckeye's El Rio District and Gila River
- Encourages diverse and dense housing product within the District to foster population growth in Downtown Buckeye

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Items related to a project or facility location must include an attached vicinity map for Council Review.

ATTACHMENTS:

Section 7: Incentive District Tracked Changes Version.pdf
Development User Fee Schedule - 12-21-21.pdf
RES 94-21 Amending Development User Fee Schedule - Expansion of Downtown Incentive District.pdf
Downtown Incentive District 12.21.21 CC.pptx

SECTION 7: Incentive District

Fee Structure: All fees charged as detailed below.

1. Downtown Incentive District
   a. This district is to incentivize the downtown Buckeye area for redevelopment and growth.
   b. The incentive for this area is a 75% reduction on all **User Fees as identified in this document** with the exception of items (c) and (d) below.
   c. The incentive does not apply to the following;
      i. The Office of Manufactured Housing Set Fee
      ii. Business License Fees
      iii. All Class Permits, (Section 3)
      iv. MIDS and SLIDS, (Section 3)
      v. Annual Fees as listed under the Class Permits, (Section 3)
      vi. All fees adopted under other council action or other fees schedules such as;
         1. Development Impact Fees
         2. Water Fees
      vii. Unincorporated land developed through Maricopa County

   d. Within Incentive Area B (as shown on the following map) the incentive does not apply to the following land uses. Note, there are no restricted land uses for Incentive Area A;
      i. Single-Family Residential
      ii. Multi-Family Residential with less than fifteen (15) dwelling units per acre net density
      iii. Mobile Home Park
      iv. Manufactured Home Subdivision
      v. Group Living Use Category uses
      vi. Marijuana related uses
      vii. Telecommunication Facility Use Category uses
      viii. Vehicle Storage
      ix. Resource Extraction
      x. Storage Yard
      xi. Waste and Salvage Use Category uses
      xii. Temporary Uses.

   ~~d~~e. Incentive Area B will be offered for three (3) years from the effective date of this User Fee Schedule and may be extended by approval of the City Council.
   f. The pictorial area for the Downtown Incentive Districts A and B ~~is~~ are identified on the following maps.
   ~~e~~g. The Legal Description for the Downtown Incentive Districts ~~is~~ are on the following pages ~~24, 25, and 26~~.

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Revised: 07-01-2018

City of Buckeye, Arizona
Development User Fee Schedule

Effective Date: July 1, 2018

(Amended on December 21, 2021 by Resolution 94-21)

The City of Buckeye has adopted the following Development User Fee Schedule to provide clearly-described, value-added service to its residents and business partners. This new user fee schedule will assist in streamlining the City's processes and thereby provide a more cost effective way of meeting the public's needs for services.

The Development User Fee Schedule contains in-depth descriptions of what is included with fees collected and is broken down into seven (7) distinct elements for ease of use as follows. Each section describes the fee structure and services included with those fees.

Section 0: General Requirements

Section 1: Planning

Section 2: Civil Engineering Review

Section 3: Civil, Utilities, ROW, Horizontal Construction

Section 4: Building Safety, Vertical Construction

Section 5: Fire Safety

Section 6: Business Licenses

Section 7: Incentive District

NOTE: The City Council will review the User Fee Schedule on an annual basis and reserves the right to adjust fees based on the Consumer Price Index for Urban Communities (CPI-U). Additionally, the Council will undertake a user study every five (5) years to re-evaluate fees based on economic trends and the City's financial status.

SECTION 0: General Requirements

Section 0, General Requirements applies to Sections 2, 3, 4, 5, and 7 of this User Fee Schedule, unless otherwise specifically stated. Items 10, 11, 12 and 15 below shall also apply to Section 1.

1. **Abandoned Plans**
   a. Any non-approved plan set not picked up from the City within 90 days of the City's first notification for pick-up to the applicant.
   b. Any approved plan set not permitted by the City within one (1) year from the approval date.
   c. Plans deemed abandoned will be destroyed according to the State Records Retention Schedule.
   d. The applicant will be required to reinitiate the plan review process and pay all associated review fees.
   e. Abandoned plans refers to any document submitted to the City for review and approval, (i.e. plans, reports, calculations, specifications, etc.).

2. **Expired Plans**
   a. Plans are deemed expired two (2) years after the City approval date.
   b. Plans are deemed expired if no City action has taken place in two (2) years. Expired plans are required to go through a comprehensive review of all sheets.
   c. In order to resubmit plans, the design engineer or architect shall bring the plans into conformance with the City's current codes, standards and requirements.
   d. All expired plans being resubmitted are subject to first review fees.

3. **City Re-Approval**
   a. The City approval expires one (1) year from the approval date.
   b. City re-approval can be requested if submitted prior to the expiration.
   c. The design will be reviewed against the current codes, standards and requirements for compliance.
   d. There are no fees for re-approval unless a compliance revision is required. The design engineer or architect shall bring the design into conformance with the City's current codes, standards and requirements.
   e. There are a maximum of two (2) design re-approvals per design.
   f. All re-approvals requiring a compliance revision shall be considered a revised design.
   g. Design refers to construction plans, reports, calculations, specification etc.`

4. **Revised Plans**
   a. Plans that have been approved, that require a design change and City re-approval.
   b. Non-approved plan with a major design change.
   c. All revised plans will be subject to the City's current fee schedule and shall require a comprehensive review.

5. **Expired Permit**
   a. Any permit that has not requested a required inspection within 180 days from the permit issuance date or the most recent inspection.
   b. Applicant may be required to resubmit plans for review and re-approval.
   c. All non-legitimate requested inspections are required to pay the re-inspection fee and the permit expiration date will not be extended.
   d. Pay all applicable fees.
   e. See individual sections for actual fees.

6. **Permit Extension**
   a. The Applicant can extend the permit expiration date when requested in writing before the permit expires.

b. Permit Extension Fee is 10% of the original Permit Fee.
c. Each extension is 180 days from the date of request.
d. There are a maximum of two (2) permit extensions.

7. **Revised Permit**
   a. Revised permits will be charged the permit revision fee of $55.

8. **Work Commenced Prior to Permit Issuance.**
   a. The fee is one (1) times the amount of the original calculated permit fee (excludes plan review fees) and shall be in addition to the required permit fees.
   b. Applies to any and all work or construction requiring a City permit.

9. **Expedited Submittal Review**
   a. Expedited fees are two (2) times the amount of the original calculated fee.

10. **Unclassified or Unspecified Services**
    a. The rate for any unclassified or unspecified fees shall be charged at User Fee hourly rate per fee Section. This includes, but is not limited to inspections, plan review, meetings, records investigation, etc. as determined by the City.

11. **Refunds**
    a. All refund requests shall be made in writing within 180 days of payment date by the Permit Applicant stating the reason for the requested refund. All fees not refunded within 180 days will revert to the City with no exceptions.
    b. Up to 80% of the original permit fee may be refunded if, no work has commenced, and no inspections have been conducted.
    c. No Planning, Building, Fire or Civil Engineering plan review fees will be refunded once City review has commenced.

12. **Legal Fees**
    a. Legal Fees incurred by the City are not included in the above schedule and are billed separately to the service user.

13. **Cancellation Fee**
    a. Cancellation Fee will be $55.00
    b. This fee shall apply to all cancellation requests.

14. **Inspections**
    a. All non-legitimate requested inspections are required to pay the re-inspection fee and the permit expiration date will not be extended.

15. **Print Services**

a.	Size: 8.5" by 11", Black and White (per sheet fee)	$0.50
b.	Size: 8.5” by 14”, Black and White (per sheet fee)	$0.50
c.	Size: 8.5" by 11", Color (per sheet fee)	$0.60
d.	Size: 8.5” by 14”, Color (per sheet fee)	$0.60
e.	Size: 11” by 17”, Black and White (per sheet fee)	$1.00
f.	Size: 11” by 17”, Color (per sheet fee)	$1.20

g. All print service fees incurred by the City will be charged to the customer.

END OF SECTION 0

SECTION 1: Planning Processes

1. Discovery Meetings and Due Diligence Meetings consist of requests for the current status of development projects. Information requested at these meetings generally include overall project completion status, utility service availability including water and sewer capacity, request for documents, and other due diligence items related to development. A Due Diligence meeting requires two (2) or less Department reviews where a Discovery Meeting requires three (3) or more department reviews.
2. Modification of Stipulation/s refers to a request for a change to one (1) or more approved stipulations. The process will include decision from the same body.
3. Amendment per acreage fee will be calculated on the impacted area only.
4. Concept Site Plan only applies in qualified zoning overlay districts
5. Please refer to the City Development Code and/or application guidelines for additional criteria, terms and definitions.

User Fee Description	User Fee ($)
ADMINISTRATIVE FEES	
Annexation	0
Pre Application Conference (PAC) Meeting	500
Due Diligence Meeting	500
Discovery Meeting: 1st Meeting	1,000
Discovery Meeting: 2nd Meeting and Each Subsequent Meeting	500
Zoning Verification Letter, (only zoning), per parcel, per request	350
Planning Consultation Meeting, per hour	160
Continuance Request	365
Modification of Stipulations	1,010
Time Extension: Administrative	240
Time Extension: Planning Commission/Council	470
Written Interpretation	500
APPEALS	
Appeal of Administrative or Planning Commission Decision	500
USE PERMITS AND SIGNS	
Conditional Use Permit	1,600
Conditional Use Permit with Site Plan	5,175
Temporary Use Permit	100
Temporary Sign Permit	50
Comprehensive Sign Plan: Administrative	1,095
Comprehensive Sign Plan: Planning Commission	1,690
Comprehensive Sign Plan: Amendment	665
DESIGN REVIEW	
Residential Design Review	780
Commercial or Single Residential Lot Design Review	460
Residential or Commercial Design Review Amendment	460
Planning Unit Plan: base fee, plus per acre	6,355
Planning Unit Plan: per acre	27
Planning Unit Plan Amendments base fee plus per acre	5,280

User Fee Description	User Fee ($)
DEVELOPMENT CODE AMENDMENTS	
Development Code Amendment	2,500
GENERAL PLAN AMENDMENTS	
General Plan Amendments, Major base fee, plus per acre	4,710
General Plan Amendments: per acre	3
General Plan Amendments, Minor base fee, plus per acre	3,355
LANDSCAPE	
Landscape permit	
Native Plant Inventory and Native Plant Salvage Permit: base fee	60
Native Plant Inventory and Native Plant Salvage Permit: per acre	20
Landscape Plans, per sheet, per review	150
Native Plant Inventory and Native Plant Salvage Plan Review: per sheet	40
REZONE	
Rezone with overlay base fee (up to 160 acres)	6,560
Rezone with overlay: base fee plus per acre fee (for 161 + acres)	3
Rezone without overlay	2,780
Major amendments to Rezone with overlay base fee (up to 160 acres)	4,920
Major amendments to Rezone with overlay base fee plus per acre fee (for 161 + acres)	1
Minor Amendment to zoning overlay	1,750
Rezone from obsolete zoning district – from Planned Residential (PR) zoning to any new single family zoning district and from General Commerce (GC) to any industrial zoning district.	0
SITE PLAN	
Site Plan: Administrative (original and major) base fee, plus per acre	3,785
Site Plan (original and major): per acre	25
Site Plan: Planning Commission (original and major) base fee plus per acre	5,175
Concept Site Plan Review	970
Minor Amendment to Site Plan	1,605
DIVISION OF PROPERTY	
Abandonment of Right-of-Way	1,100
Map of Dedication	2,000
Corrective Plat or Affidavit	790
Lot Split/Lot Combination	1,000
Minor Subdivision: Administrative	1,520
Minor Subdivision: Council	1,870
PRELIMINARY PLAT	
Preliminary Plat: base fee, plus per lot	5,000
Preliminary Plat: per lot fee	25
FINAL PLAT	
Final Plat base fee, plus per lot	3,990
Final Plat: per lot fee	25

User Fee Description	User Fee ($)
RE-PLATS	
Re-plat Administrative	1,520
Re-plat Council	1,870
VARIANCES	
Variance: Base Fee, Plus	915
Variance on same lot: per additional	700

END OF SECTION 1

SECTION 2: Civil Engineering Review

Fee Structure: All civil engineering reviews are fee based as detailed below.

1. All construction plans and reports required for project completion shall be submitted together as a "Complete Submittal". A Complete Submittal would include all civil plans and reports. The following is an example list of all plans and reports:
    a. Grading and Drainage Plans including SWPPP
    b. Drainage Report
    c. Sewer Plans
    d. Sewer Report
    e. Water Plans
    f. Water Report
    g. Paving and Storm Drain Plans
    h. Signing and Striping Plans
    i. Street Light Plan
    j. Landscape plan
    k. Address Map
    l. Final Plat
    m. Phase 1 Environmental
    n. Geotechnical Report
    o. Traffic Impact Analysis etc.
2. All per sheet fees are required to be paid at the time of submittal. No plans will be accepted without payment.
3. All hourly fees are required to be paid at the time of pickup. No hourly reviews will be returned prior to payment.
4. All master reports shall be charged hourly. Fees will be charged hourly at the adopted engineering hourly rate. Master Reports are reports that cover more than one parcel, plan set or large geographical area, for example:
    a. Master Drainage Reports
    b. Master Sewer Reports
    c. Master Water Reports
    d. CLOMR and/or LOMR
    e. Independent Design Reports
    f. Independent Design Letters
    g. Traffic Impact Analysis
    h. Regional Reports etc.
5. Civil Plan Review Fee
    a. All plan review fees are paid per plan sheet submitted.
    b. Per sheet fee includes the review of the plan set and the required supporting design report.
    c. Per sheet fee does not change if a report is not submitted or required.
    d. Includes 1st review of plans and supporting design report.
    e. 2nd review is included in the 1st review fees.
    f. 3rd and subsequent reviews charged per sheet for each review (per sheet fees charged on redlined sheets only).
    g. Signature submittal is included in fees paid.
    h. All plan review fees shall be paid at the adopted per sheet fee.

6. "Redlined sheets" means that a comment has been added to the sheet requiring the Engineer to resubmit a new corrected set of plans and corresponding redlined plans.
7. Revised Civil Plans
    a. Any civil plan that has been changed after City approval.
    b. An approved plan that is one (1) to two (2) years past the approval date being resubmitted due to design change or plan expiration.
    c. Are required to be brought into conformance with the most recent standards.
    d. Chargeable sheets are only those sheets with revisions.
    e. Signature submittal is included in fees paid.
    f. Review fees shall be paid at the adopted revised plan review rate.
8. Civil Plan Re-Approvals
    a. Prior to the City approval expiring, (one (1) year from the date of the approval signature), plans can be resubmitted for re-approval; plans will be considered to be a revised plan.
    b. Are required to be revised to conform to recent updates in standards
    c. Shall be charged using the Revised Engineering Plan Fee.
    d. Chargeable sheets are only those sheets with revisions.
9. Expired Civil Plans
    a. Please refer to Section 0.2 Expired Plans
10. "Redlined sheets" means that a comment has been added to the sheet requiring the Engineer to re-submit a new corrected set of plans which includes attaching the previous redlined plans to the submittal.
11. Revised reports and expired reports are charged per hour.
12. Included in fees are all associated clerical costs for processing and maintaining city records and archiving, preparation of various correspondence from City Engineer's office, scheduling meetings regarding review comments and all other associated clerical fees associated with plan review.
13. Preparation of construction permit fee calculations, upon approval of plans.
14. Expired permit fee will be based upon an engineer's certification of remaining quantities to be constructed. An expired grading permit is based upon the original project acreage.

User Fee Description Civil Engineering	Submittal	User Fee ($)
GENERAL FEES		
Expedited Turnaround Fees (2 Times Review Fees)	All Submittals	2X
PLAN REVIEW - CIVIL ENGINEERING		
Address Map / Street Name Exhibit	1st and 2nd	2,010 Flat Fee
Additional Submittals	3rd and beyond	550 Flat Fee
Engineering Plans, includes supporting report review	1st and 2nd	430 per Sheet
Additional Submittals, includes supporting report review	3rd and beyond	215 per Sheet
Revised Engineering Plans, includes supporting report review	All Submittals	215 per Sheet
Major Infrastructure Plan Review		
: Water and Sewer	All Submittals	160 per Hour
: Bridges, Signals, and all other Major Infrastructure	All Submittals	160 per Hour
REPORT REVIEW		
Master Reports (CLOMR, LOMR, Traffic Impact Analysis, Master Water, Master Sewer, any Regional Report, all design letters, any Revised Master Reports, Etc.)	All Submittals	160 per Hour
Phase 1 Environmental Studies / Geotechnical Studies	All Submittals	0
Other Report Review - Not Listed Above	All Submittals	160 per Hour
SPECIALIZED REVIEW		
Outsourced Specialized Engineering Review Reviews are by discipline	All Submittals	Actual Cost plus 10 %

END OF SECTION 2

SECTION 3: Civil, Utilities, ROW, Horizontal Construction

Fee Structure: All fees charged as detailed below.

1. Construction Permit Type (i.e., water, sewer, grading, drainage, etc.).
2. Fees are paid at time of permit issuance.
3. Item/Quantity fee-based calculation. All plans shall show a quantity breakdown in accordance with this fee schedule and the sections shown below.
4. Class Descriptions are listed in the City Code.
5. Services described in Section 3 are for customary and usual inspection services and customary and usual inspection periods of time.

Services Included with Construction Permit Fee Payment:

1. Pre-Permit Meeting, Pre-Construction Meeting, project coordination, and project tracking.
2. Initial visit to site on first day of construction, construction coordination/management on behalf of City Engineer's office.
3. Approval of Maintenance and Performance Bonds and follow-up.
4. Inspections, Field Directives and subsequent approval, re-inspection of Removal and Replacement of Concrete, re-inspection of Removal and Replacement of Pavement, Field Testing Inspection and review.
5. Material Submittal Review and subsequent approval.
6. As-Built Plan Review:
    a. Two (2) reviews included in permit fee.
    b. Permit fee covers 1st and 2nd reviews of each of the "To Pave" and "Final" as-built reviews.
    c. 3rd and subsequent reviews charged on a per sheet basis for redlined sheets only (see Civil Engineering Review Fees).
7. Project Close-out Process:
    a. Meetings and communications regarding Close-out of Project, Final Walk, Punch List Inspection, Punch List Follow-up, Bond Reductions or Bond Exonerations, Distribution, and archiving Project Record Documents.
    b. Warranty Walk
    c. Conveyance
8. Clerical Services:
    a. Scheduling meetings, preparing/processing correspondence, and e-mail communications.
9. Public Infrastructure Assurance Agreements:
    a. Meetings with Developer, production, and processing.
10. Certificates of Insurance compliance review.
11. Project Stipulations tracking review and verification.
12. Private improvement reductions shown apply to private wet utilities and all onsite improvements.

Pavement Cuts

1. All pavement cuts in taxation district streets or other financed streets require a mill and overlay as required by the City Engineer.
2. Pavement cuts in streets that have been over-laid or paved within the last four (4) years require a mill and overlay as required by the City Engineer.
3. All other pavement cuts are to pay the pavement restoration fees.

Offsite Hauling

1. All offsite hauling permits are to include some of all of the following documents; PM10 documents, SWPPP, sweeping schedule and routing, traffic control, uniformed officers, haul quantities, and truck types showing the number of loads as well as gross truck weights.

User Fee Description	Unit	User Fee ($)
GRADING CONSTRUCTION PERMITS		
Base Fee, Plus (Includes Clear and Grub)	EA	140
: Less than 5 Acres	AC	250
: 5 Acres or Greater, Less than 20 Acres		
Fee for the first 5 acres	EA	1,000
Fee for each additional acre over 5 acres	AC	245
: 20 Acres or Greater, Less than 50 Acres		
Fee for the first 20 acres	EA	4,670
Fee for each additional acre over 20 acres	AC	178
: 50 Acres or Greater, Less than 200 Acres		
Fee for the first 50 acres	EA	10,000
Fee for each additional acre over 50 acres	AC	144
: 200 Acres or Greater, Less than 500 Acres		
Fee for the first 200 acres	EA	31,580
Fee for each additional acre over 200 acres	AC	91
: 500 Acres or Greater		
Fee for the first 500 acres	EA	58,950
Fee for each additional acre over 500 acres	AC	17
Clear and Grub (only without Grading)	EA	71
DRAINAGE CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: Storm Drain and Irrigation Pipe	LF	1.10
: Storm Drain and Irrigation Manhole	EA	80
: Underground Retention	CF	0.30
: Headwall / Handrail	EA	80
: Catch Basin	EA	120
: Scuppers (Includes Spillway / Handrail)	EA	120
: Spillway	EA	65
: Drywells or Trench Drains with Standard Treatment Chamber	EA	500
: Drywells with Specialized Treatment Chamber	EA	1,000
: Specialized Treatment Chamber (Stand-alone)	EA	500
: Slope Protection (Rip-Rap, Gabions, Gunnite, etc.)	SY	0.65

SY = Square Yard EA = Each LF = Linear Feet CF = Cubic Feet AC = Acre YR = Year

User Fee Description	Unit	User Fee ($)
SEWER CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: Sewer Line	LF	1.10
: Sewer Service (New Main)	EA	23
: Sewer Tap to Existing Main	EA	80
: Cleanout	EA	50
: Main Tie-in Fee	EA	350
: Manhole	EA	185
: Drop Connection	EA	60
: Air / Vacuum Release Manhole / Value	EA	400
: Force Main	LF	1.50
: Pipe Encasement	LF	30
: Monitoring Vault and Special Structures	EA	1,500
Private Improvements - 20% Reduction		
WATER CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: Waterline	LF	1.10
: Water Service, (New Main)	EA	23
: Water Service Tap to Existing Main, less than 2 inch	EA	80
: Water Service Tap to Existing Main, greater than 2 inch – less than 6 inch	EA	160
: Tapping Sleeve and Valve / Tie-in	EA	300
: Flush / Curb Stop / Blow-off	EA	25
: Mainline / Lateral / Fire Hydrant Valve	EA	30
: Fire Line	LF	1.10
: Fire Hydrant	EA	60
: Backflow Device up to and including 3 inches	EA	80
: Backflow Device greater than 3 inches	EA	150
: Sampling Station / Air Release Valve	EA	90
Private Improvements - 20% Reduction		
STREET LIGHTING CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: Street Light	EA	50
CONCRETE CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: Sidewalk and Bicycle Path and Trail	SF	0.05
: Sidewalk Ramps and Truncated Domes - Per Ramp	EA	80
: Curb and Gutter / Ribbon Curb	LF	0.25
: Valley Gutter / Apron	SF	0.40
: Driveway / Alley Apron	EA	55
: Return Style Driveway, Commercial Driveway and Bus Bay	SF	0.30
: Cut-off Wall	LF	1.50
Private Improvements - 20% Reduction		

SY = Square Yard EA = Each LF = Linear Feet CF = Cubic Feet AC = Acre YR = Year

User Fee Description	Unit	User Fee ($)
PAVING CONSTRUCTION PERMITS		
Base Permit Fee, Plus		50
: A/C Paving (Per Lift - Includes Striping)	SY	0.45
: Concrete Paving	SY	0.50
: Mill and Overlay	SY	0.30
: Slurry / Micro Seal	SY	0.10
: Adjustments: Manholes, Blow-offs, Water Valves, Gas Valves, Utility Adjustment, Clean-outs, Survey Monument Hand Holes, etc.	EA	60
: Survey Monument		
: Type A	EA	25
: Type B	EA	15
: Street Sign	EA	25
: Barricade / Guardrail	LF	4
: Pavement Utility Pothole	EA	65
Private Improvements - 20% Reduction		
LANDSCAPING PERMITS		
Base Permit Fee, Plus		50
: Landscaping	SF	0.05
Private Improvements - 20% Reduction		
DRY UTILITY PERMITS (RIGHT-OF-WAY ONLY)		
: Utility Vaults / Manholes	EA	95
: Utility Splice / Repair Pits	EA	75
: Utility Valves	EA	30
: Utility Trench	LF	0.80
OTHER (Includes Base Application Fee and Right-of-Way Permit Fee)		
Engineer Cost Estimate or Executed Construction Contract required for fee calculation.		
Structures (Bridges, Flood Retarding Structures, Flood Walls, Channel Energy Dissipation Structures, Box Culverts, Wing Walls, etc.)	Cost	3.0%
Water (Booster Stations, In-line Boosters, Wells, Pressure Reducing Stations, etc.)	Cost	3.0%
Sewer (Lift Station)	Cost	3.0%
Traffic Signal	Cost	3.0%
Other	Cost	3.0%
PAVEMENT RESTORATION FEES		
: 1 to 99 SY,, plus	SY	26
: 100 to 499 SY, plus	SY	7
: 500 to 1,759 SY, plus	SY	2
: 1,760 SY or greater	SY	0.80
NOTE: Other Utility Items - refer to individual utility fees for additional items		
OFFSITE HAULING		
Base Permit Fee, Plus		50
: Total Yards To Be Hauled	SY	0.25

SY = Square Yard EA = Each LF = Linear Feet CF = Cubic Feet AC = Acre YR = Year

User Fee Description	Unit	User Fee ($)
OVERSIZED LOAD HAULING		
Permit Fee	EA	500
MISCELLANEOUS INSPECTION FEES		
After Hours Inspection fee minimum of 4 hours	EA	560
Hourly Inspection Fees	HR	140
CLASS PERMITS		
Class 1 Permit: Minor Encroachment Permit (Block Party - Police Department)		
: Permit Process Fee		Free
: Road Side Memorials		Free
Class 1 Permit: Minor Encroachment Permit (Public Telephones, News Racks, Placing Temporary Traffic Barricades in Street, Placing Merchandise on Sidewalk for Temporary Sale, Curb Address Painting)		
: Permit Fee	EA	50
Class 2 Permit: Encroachment Permit for Sidewalk Furniture (Tables, Chairs, Umbrellas, Benches, Planters, Flower Pots)		
: Permit Fee	EA	50
Class 3 Permit: Encroachment Permit for Landscape Maintenance		
: Permit Fee, Annual Fee	EA, Annually	175
Class 4 Permit: Encroachment Permit for Telecommunications		
: License Application Fee	EA	3,500
: Telecommunication, Annual Use Rate (Without Franchise Agreement)	LF, Annually	3.18
: Permit Fee	EA	175
: All Other Permit Fees	See Section 3 Fee Tables	
Class 5 Permit: Encroachment Permit for Fiber Optic Cable, Interstation Services and Other Communication Facilities Excluded from the Definition of "Telecommunications"		
: License Application Fee	EA	3,500
: All Other " Not Telecommunications", Annual Use Rate (Without Franchise Agreement)	LF, Annually	3.18
: Permit Fee	EA	175
: All Other Permit Fees	See Section 3 Fee Tables	
Class 6 Permit: Encroachment Permit for Cable Television		
: License Application Fee	EA	3,900
: Cable TV, Annual Use Rate (Without Franchise Agreement)	LF, Annually	3.18
: Permit Fee	EA	175
: All Other Permit Fees	See Section 3 Fee Tables	

SY = Square Yard EA = Each LF = Linear Feet CF = Cubic Feet AC = Acre YR = Year

User Fee Description	Unit	User Fee ($)
Class 7 Permit: Encroachment Permit for Utilities		
: License Application Fee	EA	3,900
: Utility, Line Fee, Annual Use Rate (Without Franchise Agreement)	LF, Annually	3.18
: Permit Fee	EA	175
: All Other Permit Fees	See Section 3 Fee Tables	
Class 8 Permit: Encroachment Permit for Street Excavation		
: Permit Application Fee	EA	175
: All Other Permit Fees	See Section 3 Fee Tables	

NOTE: Application and permit fees for class permits apply to all work within the City ROW unless otherwise governed by a franchise agreement.

MISCELLANEOUS		
Street Light Improvement District (SLID) Per Ordinance 43-05, Chapter 20 of Buckeye City Code	EA	3,900
Street Light Improvement District (SLID) Modification	EA	3,900
Maintenance Improvement District (MID) Per Ordinance 42-06, Chapter 20 of Buckeye City Code	EA	3,900
Advertising Fee for those MIDs and SLIDs that have more than one property owner and are required to be posted	EA	$1,500
Posting Fee for those MIDs and SLIDs that have more than one property owner and are required to be posted	EA per 300 LF of right of way	$100
Legal fees outside of the MID and/or SLID application fee for those MIDs and SLIDs that have more than one property owner and are required to be posted	EA	As Billed by City Attorney
Other Public Works Services	Per Hour	100
Street Clean-up Fee [20-7-3]	Per Hour	100
Streetlight Back-shield	EA	250

SY = Square Yard EA = Each LF = Linear Feet CF = Cubic Feet AC = Acre YR = Year

User Fee Description	Unit	User Fee ($)
WIRELESS FACILITIES, IN ROW; FEES AND RATES, (PER HB 2365)		
Annual use fees		
ROW use fee, ($50 per year x number of SWFs)	YR	50
ROW use fee for monopoles and associated wireless facilities	Limited to not more than the direct and actual cost of managing the ROW	
Application for collocating SWFs, (existing with no modifications)		
SWF collocation,		
: 1 to 5 applications, per batch	EA	100
: 6 through 25 applications, per batch	EA	50
SWFs can be batched up to 25 SWFs per batch. : The first 5 are charged at $100 each to equal $500 : The next 20 are charged at $50 each to equal $1,000 : The total for a batch of 25 applications will be $1,500		
Application for utility pole and monopole, (new or existing with modifications)		
New, replacement or modified utility poles **NOT** subject to zoning review	EA	750
New, replacement or modified monopoles and utility poles and collocation or wireless facilities subject to zoning review	EA	1,000
Inspection Fees		
:Inspection fees for small wireless facilities	HR	140

SY = Square Yard EA = Each LF = Lineal Feet CF = Cubic Feet AC = Acre YR = Year HR = Hour

END OF SECTION 3

SECTION 4: Building Safety, Vertical Construction

Fee Structure: All fees charged as detailed below.

1. Per services listed in Building Safety section.
2. Various fees classified as Based on Valuation (BOV) are based on valuation tables as required by international building codes (See Valuation Chart and Table 1-A).
   a. All BOV Plan Review Fees shall be 65% of the calculated Permit Fee and are in addition to the Permit Fee.
   b. Plan Review Fee payment is required at time of submittal for all BOV permits.
   c. Revised BOV permits will be charged a permit revision and a plan review fee of $130 per hour.
3. All Subsequent Reviews, 3rd review and beyond, will be charged on an hourly basis at $130 per hour.
4. Expired permit fees are calculated as new permit fees.

Services Included under User Fee Schedule

1. Associated clerical costs for processing and maintaining City records and archiving, preparation of various correspondences, scheduling meetings, etc.

User Fee Description	User Fee ($)
ADMINISTRATIVE FEES	
Building Board of Appeals, Per Appeal	1,575
Building Code Modifications, Per Request	150
Inspections (Outside Normal Business Hours {$140 per hour, 4 hour minimum})	560
Permit Revision Fee	55
Re-inspection Fees (minimum 24 hour wait prior to request for re-inspection)	140
Permit Cancellation Fee - Processing Fee	55
Stamping of Additional Approved Plans (After Two Initial Sets), Each	70
PLAN REVIEW FEES - FEE-BASED OR BASED ON VALUATION	
Plot (Site) Plan Review for Residential Homes, Per Plot Plan	55
Preliminary Fee for Review of Standard Residential Plans, Per Standard Plan (65% of Building Permit Fee per ICC - $1,000 Initial Submittal Fee due at submission with remaining balance due at permit issuance)	BOV*
Photovoltaic System - Residential Standard Plan Review	155
Wall Standard Plan Review	185
Swimming Pool Standard Plan Review	200
SINGLE FAMILY RESIDENCE	
: Tract Homes (65% of Building Permit Fee per ICC), 1st and 2nd Review	BOV*
: Truss Calculation Review, Residential, 1st and 2nd Review, Per Standard	280
: Custom Homes (65% of Building Permit Fee per ICC), 1st and 2nd Review	BOV*
: Truss Calculation Review, Residential, 1st and 2nd Review, Per Structure	280

*NOTE: *BOV: Based on Valuation (See Table 1-A)*

User Fee Description	User Fee ($)
COMMERCIAL BUILDING	
Commercial Building (65% of Building Permit Fee per ICC), 1st and 2nd Review	BOV*
Racking (Deferred) Review, Commercial, 1st and 2nd Review, Per Facility	BOV*
Truss Calculation Review, Commercial, 1st and 2nd Review, Per Structure	320
Tenant Improvements	BOV*
UTILITY PERMIT FEES (ELECTRICAL, MECHANICAL, HVAC, PLUMBING, GAS, ETC.)	
AC Unit, Replace or Upgrade, Commercial or Residential (per unit)	75
Backflow Preventer, Commercial	135
Electrical, (Includes Clearance)	
: Meter Clearance (Up to 200 AMP)	200
: Meter Clearance (201 to 400 AMP)	260
: Service Entrance Section (Up to 400 AMP), Per Meter	260
: Service Entrance Section (400 AMP and Above), Per Meter	BOV*
: Electrical Panel	260
: Panel De-rate, Residential	260
: Power Pedestal, Per Meter	260
Electrical	
: Commercial, Misc.	BOV*
: Residential, Misc.	BOV*
: Residential, Individual Run	50
: Temporary Service	260
: Temporary, Overhead Service	260
Plumbing	
: Commercial, Misc.	BOV*
: Residential, Misc.	BOV*
Gas Line	
: Commercial, Misc.	BOV*
: Commercial, Meter Clearance	100
: Residential, Misc.	BOV*
: Residential, Meter Clearance	100
Generators	
: Permanent, Per Generator	BOV*
: Temporary (10,000 Watts and Above), Per Generator	190
Photovoltaic System, Residential	150
Water Heater	
: Per Unit	25
OCCUPANCY PERMIT FEES	
Certificate of Occupancy, Residential and Commercial, Per Residence or Building	100
Change of Occupancy Permit, Each	200

*NOTE: *BOV: Based on Valuation (See Table 1-A)*

User Fee Description	User Fee ($)
MISCELLANEOUS PERMIT FEES - BASED ON VALUATION (SEE TABLE 1-A AND VALUATION CHART BY OCCUPANCY GROUP)	
(Work Commenced Prior to Permit Issuance), - 100% of Permit Fee - Applies to all Permits	Equal to the Calculated Permit Fee
Patios, Decks, Ramadas, etc.	BOV*
Remodel Fee	BOV*
Sign Permit	BOV*
Walls - Themed, Retaining and Perimeter	BOV*
Water Damage	BOV*
MISCELLANEOUS PERMIT FEES - FEE-BASED	
Building Demolitions	
: Residential Accessory, Per Structure	160
: Structures Other than Single Family Residence, Per Structure	260
: Single Family Residence, Per Structure	230
Building Moving, Per Structure	3,000
Fences	
: Block, Privacy, Wrought Iron, Chain-link, Vinyl, Wood, etc.	190
: Pool Barrier	50
Fire Repair / Restoration , Per Inspection Trip	140
Manufactured Home Set (Per Office of Manufactured Housing Intergovernmental Agreement)	350
Community Flag pole (per pole)	200
Model Home Complex, Per Application (Fee Combined with Planning Fee)	300
Model Home Sales Trailer/Other Sales Trailers, Per Trailer	260
: Garage Conversion	200
: Garage Conversion Restoration	310
Roof Replacement (Single Family Residence) All other: BOV*	180
Spas/Hot Tubs/Pools (Single Family Residence) All other: BOV*	
: Above-Ground (Pool or Spa)	190
: In-Ground Spa	
: Pre-Fabricated	260
: Site Built	330
: In-Ground Pool (With Approved Standard Plan)	330
: In-Ground Spa / Pool Combination (With Approved Standard Plan)	340
Stucco (Single Family Residence) All other BOV*	260
Trailers, Temporary (example, Construction Trailers)	260
Window Replacement	BOV*
Miscellaneous Inspections or Service for which no fee is specifically indicated (hourly rate)	140

*NOTE: *BOV: Based on Valuation (See Table 1-A)*

TABLE 1-A	
Total Valuation	Fee
Total Valuation $1.00 to $500.00	$50
Total Valuation $500.01 to $2,000.00	$50 for the first $500 plus $5 for each additional $100 or fraction thereof, to and including $2,000
Total Valuation $2,000.01 to $25,000.00	$125 for the first $2,000 plus $18.35 for each additional $1,000 or fraction thereof, to and including $25,000
Total Valuation $25,000.01 to $50,000.00	$547 for the first $25,000 plus $13.33 for each additional $1,000 or fraction thereof, to and including $50,000
Total Valuation $50,000.01 to $100,000.00	$880 for the first $50,000 plus $12.17 for each additional $1,000 or fraction thereof, to and including $100,000
Total Valuation $100,000.01 to $500,000.00	$1,489 for the first $100,000 plus $8.03 for each additional $1,000 or fraction thereof, to and including $500,000
Total Valuation $500,000.01 to $1,000,000.00	$4,699 for the first $500,000 plus $7.26 for each additional $1,000 or fraction thereof, to and including $1,000,000
Total Valuation $1,000,000.01 and up	$8,329 for the first $1,000,000 plus $5 for each additional $1,000 or fraction thereof

Valuation chart may be updated in accordance with Building Standards Magazine or as published
Updated July 1, 2018

END OF SECTION 4

SECTION 5: Fire Safety

Fee Structure: All fire fees listed are flat fees unless otherwise indicated.
Services Included under User Fee Schedule

1. Associated clerical costs for processing and maintaining City records and archiving, preparation of various correspondences, scheduling meetings, etc.
2. Expired permit fees are calculated as new permit fees.

User Fee Description	User Fee ($)
FEE TYPE	
Alarms, Per Facility	590
Alarms, Tenant Improvements	305
Alarm Modification	305
Sprinklers, Per Facility	
: Tenant Improvements	330
: Residential	315
Sprinkler Standard Plan Review	160
Sprinklers, Per Facility	
: Commercial – Less than 30,000 sq. ft.	590
: Commercial - 30,000 sq. ft. or greater and up to 90,000 sq. ft.	775
: Commercial - 90,000 sq. ft. or greater and up to 120,000 sq. ft.	945
: Commercial - 120,000 sq. ft. or greater	1,460
Sprinklers Modification	350
Flow Test	100
Automatic Kitchen Hood System	340
Propane Tank	
: Tank Cage (Each)	260
: Commercial and Residential LPG (Propane) Above Ground (Per Tank)	305
: Commercial and Residential LPG (Propane) Underground (Per Tank)	420
Tent / Canopy, Temporary, Per Tent greater than 200 sq. ft.	275
Fire Access Gates, Knox Box, Knox Locks, Knox Key Switch or Opticom	100
Alternative Fire Extinguishing System	510
Fire Pump Inspection (Each)	680
Fire Pump Modification	500
Annual Hazardous Materials Operational Permit	410
License Inspections	
: Educational Facilities	340
: Daycare - Residential	270
: Daycare - Commercial	340
: Licensed Adult Care Facilities - Commercial	340
: Licensed Adult Care Facilities - Residential	270
: Outpatient Services	305
Blasting Operations (Per Blasting - 30 Day Permit Expiration)	560
Fireworks	
: Fireworks (0 to 30 Shells, per show - shell diameter less than 3 inches)	100
: Fireworks (31 Shells and up, per show)	250
Consumer Fireworks Retail Sales – 30 Day	410
Residential Compressed Gas	340
Temporary Fuel Tank, (permit issued for 180 days)	330

END OF SECTION

SECTION 6: Business Licenses

User Fee Description	User Fee ($)
FEE TYPE	
Alarm Agent	
Application Fee (Fingerprinting Fee Applicable)	100
Agent Fee	100
Alarm Business	
Application Fee (Fingerprinting Fee Applicable)	100
Annual Fee	100
Care Facilities	
Application Fee (Fingerprinting Fee Applicable)	25
Annual Fee	40
Carnivals, Circus and Road Shows	
Application Fee	25
Daily Fee	100
Contractors and Builders	
Application Fee	25
Annual Fee	100
Digital Billboard	
Application Fee	0
Monthly Fee	0
Marijuana Dispensaries	
Application Fee (Fingerprinting Fee Applicable)	1,000
Investigation Fee	1,000
Annual License Fee	100
Employee Application Fee	200
Massage Parlor	
Application Fee (Fingerprinting Fee Applicable)	100
Annual License Fee	100
Employee Application Fee	100
Mercantile Business – Wholesale and Retail	
Application Fee	25
Annual Fee	40
Mobile Food Vendors	
Application Fee (Fingerprinting Fee Applicable)	25
Monthly Fee	50
Annual Fee	150
Mobile Vendors	
Application Fee (Fingerprinting Fee Applicable)	25
Monthly Fee	50
Annual Fee	100
Professional & Personal Services	
Application Fee	25
Annual Fee	40
Restaurants and Bars	
Application Fee	25
Annual Fee	40

Sexually Oriented Business	
Application Fee (Fingerprinting Fee Applicable)	1,000
Investigation Fee	1,000
Annual License Fee	100
Employee Application Fee	200
Solicitors and Peddlers – Fixed Base Business in Buckeye	
Application Fee (Fingerprinting Fee Applicable)	25
Annual Fee	100
Solicitors & Peddlers – No Business Location in Buckeye	
Application Fee (Fingerprinting Fee Applicable)	25
Annual Fee	250
Special Event – Sponsors - Each Event	100
Tattoo and/or Body Piercing Establishment	
Application Fee (Fingerprinting Fee Applicable)	100
Annual Fee	100
Employee Application Fee	100
Background and Fingerprinting Fee (Per Applicant)	50
Late Fee	25
Reinstatement or Replacement Fee	25

END OF SECTION

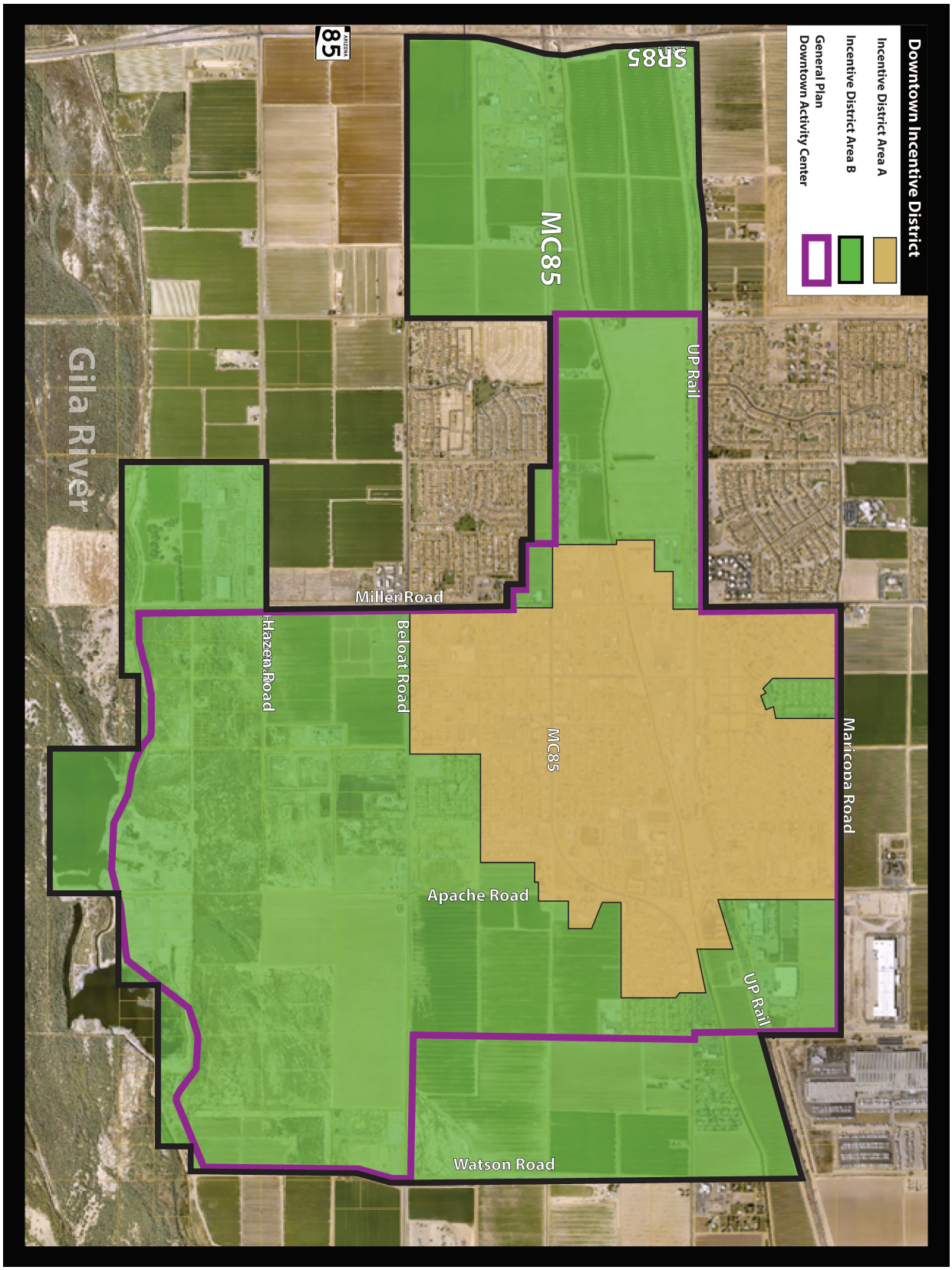
SECTION 7: Incentive District

Fee Structure: All fees charged as detailed below.

1. Downtown Incentive District
    a. This district is to incentivize the downtown Buckeye area for redevelopment and growth.
    b. The incentive for this area is a 75% reduction on all **User Fees as identified in this document** with the exception of items (c) and (d) below.
    c. The incentive does not apply to the following;
        i. The Office of Manufactured Housing Set Fee
        ii. Business License Fees
        iii. All Class Permits, (Section 3)
        iv. MIDS and SLIDS, (Section 3)
        v. Annual Fees as listed under the Class Permits, (Section 3)
        vi. All fees adopted under other council action or other fees schedules such as;
            1. Development Impact Fees
            2. Water Fees
        vii. Unincorporated land developed through Maricopa County

    d. Within Incentive Area B (as shown on the following map) the incentive does not apply to the following land uses. Note, there are no restricted land uses for Incentive Area A;
        i. Single-Family Residential
        ii. Multi-Family Residential with less than fifteen (15) dwelling units per acre net density
        iii. Mobile Home Park
        iv. Manufactured Home Subdivision
        v. Group Living Use Category uses
        vi. Marijuana related uses
        vii. Telecommunication Facility Use Category uses
        viii. Vehicle Storage
        ix. Resource Extraction
        x. Storage Yard
        xi. Waste and Salvage Use Category uses
        xii. Temporary Uses.

    e. Incentive Area B will be offered for three (3) years from the effective date of this User Fee Schedule and may be extended by approval of the City Council.
    f. The pictorial area for the Downtown Incentive Districts A and B are identified on the following map.
    g. The Legal Description for the Downtown Incentive Districts are on the following pages.


Downtown Incentive District
Incentive District Area A
Incentive District Area B
General Plan
Downtown Activity Center
85
SR85
MC85
UP Rail
Gila River
Miller Road
Hazen Road
Beloat Road
MC85
Maricopa Road
Apache Road
UP Rail
Watson Road

LEGAL DESCRIPTION
FOR
CITY OF BUCKEYE
DOWNTOWN INCENTIVE DISTRICT A

A PARCEL OF LAND SITUATED IN A PORTION OF SECTIONS 4, 5 AND 6, TOWNSHIP 1 SOUTH, RANGE 3 WEST AND SECTIONS 32 AND 33, TOWNSHIP 1 NORTH, RANGE 3 WEST OF GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 5;

THENCE EAST, ALONG AND WITH THE SOUTH LINE OF SAID SECTION 15, TO THE SOUTH QUARTER CORNER THEREOF;

THENCE DEPARTING SAID SOUTH LINE, NORTH ALONG AND WITH THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 5, SAME BEING THE CENTERLINE OF SOUTH 7TH STREET, TO ITS INTERSECTION WITH THE CENTERLINE OF EAST CENTRE AVENUE;

THENCE EAST, ALONG AND WITH THE CENTERLINE OF EAST CENTRE AVENUE, TO ITS INTERSECTION WITH THE CENTERLINE OF SOUTH 9TH STREET;

THENCE CONTINUING EAST, ALONG AND WITH THE NORTH LINE OF MOUNTAIN VIEW ESTATES, A SUBDIVISION RECORDED IN BOOK 828 OF MAPS ON PAGE 34, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA, TO THE SOUTHEAST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN INSTRUMENT 1997-0311804, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID PARCEL, 1010 FEET, MORE OR LESS, TO THE CENTERLINE OF AN IRRIGATION DITCH;

THENCE EASTERLY, ALONG AND WITH SAID IRRIGATION DITCH, 361 FEET, MORE OR LESS;

THENCE NORTHERLY, ALONG AND WITH SAID IRRIGATION DITCH, 64 FEET, MORE OR LESS;

THENCE EASTERLY, ALONG AND WITH SAID IRRIGATION DITCH, 305 FEET, MORE OR LESS, TO THE EAST LINE OF THE AFORSAID SECTION 5;

THENCE NORTH, ALONG AND WITH SAID EAST LINE, TO THE EAST QUARTER CORNER OF SAID SECTION 5;

THENCE CONTINUING NORTHERLY, ALONG AND WITH SAID EAST LINE, TO THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN DOCKET 5040 ON PAGE 179, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE EASTERLY, ALONG AND WITH THE SOUTH LINE OF SAID PARCEL, 250 FEET TO ITS SOUTHEAST CORNER;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID PARCEL, TO THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN INSTRUMENT 2007-1118860, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE EASTERLY, ALONG AND WITH THE SOUTH LINE OF SAID PARCEL, TO ITS SOUTHEAST CORNER;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID PARCEL, TO THE NORTHEAST CORNER THEREOF;

THENCE NORTHWESTERLY, ALONG AND WITH THE NORTH LINE OF SAID PARCEL, TO ITS INTRESECTION WITH THE EAST LINE OF THE AFORESAID SECTION 4;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID SECTION 4, TO THE SOUTHWEST CORNER OF LOT 4 OF SAID SECTION 4;

THENCE EAST, ALONG AND WITH THE SOUTH LINE OF SAID LOT 4, TO THE SOUTHEAST CORNER OF SHEPARD ESTATES UNIT ONE, A SUBDIVISION RECORDED IN BOOK 81 OF MAPS ON PAGE 13, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID SUBDIVISION, TO THE NORTHEAST CORNER THEREOF IN THE NORTH LINE OF SAID SECTION 4;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINE OF SAID SECTION 4, TO THE SOUTHERLY PROLONGATION OF THE EAST LINE OF LOT 4 OF EAST SUNLAND, A SUBDIVISION RECORDED IN BOOK 42 OF MAPS ON PAGE 24, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID LOT 4, TO THE NORTHEAST CORNER THEREOF IN THE NORTH LINE OF SAID SUBDIVISION;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINE OF SAID SUBDIVISION, TO THE SOUTHERLY PROLONGATION OF THE EAST LINE OF THE WEST 896 FEET OF THE AFORESAID SECTION 33;

THENCE NORTHERLY, ALONG AND WITH SAID EAST LINE, TO THE SOUTH LINE OF THE UNION PACIFIC RAILROAD RIGHT OF WAY;

THENCE SOUTHWESTERLY, ALONG AND WITH SAID SOUTH RIGHT OF WAY LINE, TO THE WEST LINE OF THE AFORESAID SECTION 33;

THENCE NORTH, ALONG AND WITH SAID WEST LINE, TO THE WEST QUARTER CORNER OF SAID SECTION 33;

THENCE DEPARTING SAID WEST LINE, ALONG AND WITH THE EAST-WEST MID-SECTION LINE OF THE AFORESAID SECTION 32, TO THE NORTHEAST CORNER OF BUCKEYE PARK, A SUBDIVISION RECORDED IN BOOK 565 OF MAPS ON PAGE 15, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE SOUTH, WESTERLY AND NORTH, ALONG AND WITH AND CIRCUMVENTING THE PERIMETER OF SAID BUCKEYE PARK, WITH THE FINAL BEARING OF NORTH 00 DEGREES 08 MINUTES 11 SECONDS WEST, 1187.28 FEET TO THE SAID EAST-WEST MID-SECTION LINE;

THENCE WEST, ALONG AND WITH SAID EAST-WEST MID-SECTION LINE TO THE WEST QUARTER CORNER OF THE AFORESAID SECTION 32;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID SECTION 32, TO THE SOUTHWEST CORNER THEREOF;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF THE AFORESAID SECTION 5, TO THE EASTERLY PROLONGATION OF THE NORTH LINE OF LOT 10 OF VALENCIA, A SUBDIVISION RECORDED IN BOOK 21 OF MAPS ON PAGE 44, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINES OF LOTS 10, 9 AND 8, TO THE NORTHWEST CORNER OF LOT 8 OF SAID VALENCIA;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID LOT 8, TO THE SOUTH RIGHT OF WAY LINE OF INDUSTRIAL STREET PER SAID MAP OF VALENCIA;

THENCE WEST, ALONG AND WITH SAID SOUTH RIGHT OF WAY LINE, TO THE WEST LINE OF SAID VALENCIA;

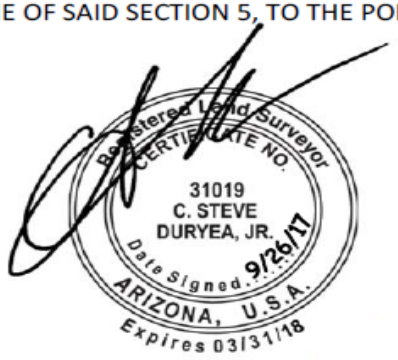
THENCE SOUTH, ALONG AND WITH SAID WEST LINE, TO THE NORTH RIGHT OF WAY LINE OF BUCKEYE CANAL;

THENCE NORTHEASTERLY, ALONG AND WITH SAID NORTH RIGHT OF WAY LINE, TO ITS INTERSECTION WITH THE NORTHERLY PROLONGATION OF THE EAST RIGHT OF WAY LINE OF SOUTH 253RD AVENUE;

THENCE SOUTH, ALONG AND WITH SAID EAST RIGHT OF WAY LINE, TO THE EAST-WEST MID-SECTION LINE OF THE AFORESAID SECTION 6, SAME BEING THE CENTERLINE OF EAST MONROE AVENUE;

THENCE EAST, ALONG AND WITH SAID EAST-WEST MID-SECTION LINE, TO THE WEST QUARTER CORNER OF THE AFORESAID SECTION 5;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID SECTION 5, TO THE POINT OF BEGINNING.



LEGAL DESCRIPTION
FOR
CITY OF BUCKEYE
DOWNTOWN INCENTIVE DISTRICT B

A PARCEL OF LAND SITUATED IN A PORTION OF SECTION 36, TOWNSHIP 1 NORTH, RANGE 4 WEST, SECTION 1, TOWNSHIP 1 SOUTH, RANGE 4 WEST, SECTIONS 31 THROUGH 33, TOWNSHIP 1 NORTH, RANGE 3 WEST AND SECTIONS 4 THROUGH 9 AND 17, TOWNSHIP 1 SOUTH, RANGE 3 WEST OF GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 1;

THENCE NORTH, ALONG AND WITH THE WEST LINE OF SAID SECTION 1 TO THE NORTHWEST CORNER THEREOF;

THENCE NORTH, ALONG AND WITH THE WEST LINE OF THE AFORESAID SECTION 36 TO THE CENTERLINE OF BASELINE ROAD;

THENCE DEPARTING SAID WEST LINE, EASTERLY ALONG AND WITH THE CENTERLINE OF BASELINE ROAD TO THE INTERSECTION WITH MILLER ROAD, SAID POINT ALSO BEING ON THE WEST LINE OF THE SOUTHWEST QUARTER OF THE AFORESAID SECTION 32;

THENCE NORTH, ALONG AND WITH SAID WEST LINE TO THE WEST QUARTER CORNER OF SAID SECTION 32, ALSO BEING THE INTERSECTION OF MILLER ROAD AND MARICOPA ROAD;

THENCE EAST, ALONG THE EAST-WEST MID-SECTION LINE OF SECTIONS 32 AND 33 TO THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 33;

THENCE SOUTH, ALONG THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 33 TO THE SOUTH RIGHT OF WAY LINE OF THE SOUTHERN PACIFIC RAILROAD;

THENCE NORTHEASTERLY ALONG AND WITH SAID RIGHT OF WAY LINE, TO THE POINT ON THE EAST LINE OF THE SOUTHEAST QUARTER OF THE AFORESAID SECTION 33, ALSO BEING MILLER ROAD;

THENCE SOUTH, ALONG AND WITH SAID EAST LINE TO THE SOUTHEAST CORNER OF SAID SECTION 33, ALSO BEING A POINT ON THE NORTH LINE OF THE NORTHEAST QUARTER OF THE AFORESAID SECTION 4 AND BEING A POINT ON BASELINE ROAD;

THENCE EAST, ALONG AND WITH SAID NORTH LINE TO THE NORTHEAST CORNER OF SAID SECTION 4;

THENCE SOUTH, ALONG AND WITH THE EAST LINE OF SAID SECTION 4 TO THE SOUTHEAST CORNER OF SAID SECTION 4, ALSO BEING A POINT ON BELOAT ROAD AND BEING THE *NORTHEAST CORNER OF THE AFORESAID SECTION 9;

*THENCE ALONG AND WITH THE EAST OF LINE OF SAID SECTION 9 TO POINT AT THE CENTERLINE OF THE DRAINAGE DITCH;

THENCE CONTINUING ALONG AND WITH SAID DRAINAGE DITCH IN A SOUTHWESTLRY DIRECTION TO A POINT THAT IS 150 FEET EAST LINE OF SAID SECTION 9 TO A POINT ON THE NORTH LINE OF THE FINAL PLAT OF EAST ALLENVILLE, RECORDED IN BOOK 31, PAGE 41, RECORDS OF MARIPOA COUNTY, ARIONA;

THENCE DEPARTING SAID DRAINAGE DITCH, WESTERLY, ALONG AND WITH SAID NORTH LINE TO THE NORTHWEST CORNER OF LOT 15 OF SAID PLAT;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID LOT 15 TO THE SOUTHWEST CORNER OF SAID LOT 15, ALSO BEING A POINT ON THE NORTH LINE OF NUTTALL AVENUE;

THENCE WEST, ALONG AND WITH THE NORTH LINE OF SAID NUTTAL AVENUE, TO THE SOUTHEAST CORNER OF LOT ;

THENCE DEPARTING SAID NORTH LINE, SOUTH, TO THE SOUTHEAST CORNER OF LOT 28, SAID POINT ALSO BEING ON THE SOUTH LINE OF THE SOUTHWEST QUARTER OF THE AFORESAID SESTION 9, SAID POINT ALSO BEING ON HAZEN ROAD;

THENCE WEST, ALONG AND WITH SAID SOUTH LINE TO THE NORTHEAST CORNER OF THE AFORESAID SECTION 17, ALSO BEING THE INTERSECTION OF APACHE ROAD AND HAZEN ROAD ;

THENCE SOUTH, ALONG AND WITH THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 17 TO THE 16TH CORNER OF SAID EAST LINE;

THENCE DEPARTING SAID EAST LINE, WEST, ALONG AND WITH SAID 16TH LINE, TO THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 17;

THENCE NORTH, ALONG AND WITH SAID NORTH-SOUTH MID-SECTION LINE TO THE SOUTH QUARTER CORNER OF THE AFORESAID SECTION 8;

THENCE NORTH, ALONG AND WITH THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 8, A DISTANCE OF 330 FEET TO THE EASTERLY PROLONGATION OF THE NORTH LINE OF LOTS 1 AND 8, BLOCK 6 OF THE AMENDED PLAT OF ALLENVILLE, RECORDED IN BOOK 35, PAGE 37, RECORDS OF MARIPOA COUNTY, ARIZONA;

THENCE WEST, ALONG AND WITH SAID NORTH LINE TO CENTERLINE OF FOURTH STREET;

THENCE SOUTH, ALONG AND WITH SAID CENTERLINE TO THE 16TH CORNER OF THE SOUTH LINE OF THE SOUTHWEST QUARTER OF THE AFORESAID SECTION 8, ALSO BEING A POINT ON HAZEN ROAD;

THENCE WEST, ALONG AND WITH THE SOUTH LINE OF SECTION 8 TO THE SOUTHEAST CORNER OF THE AFOREAID SECTION 7, ALSO BEING THE INTERSECTION OF MILLER ROAD AND HAZEN ROAD;

THENCE WEST, ALONG AND WITH THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 7 TO THE NORTH-SOUTH MID-SECTION LINE OF SAID SECTION 7;

THENCE NORTH, ALONG AND WITH SAID NORTH-SOUTH MID-SECTION LINE TO THE EAST-WEST MID-SECTION LINE OF SAID SECTION 7;

THENCE EAST, ALONG AND WITH THE EAST-WEST MID-SECTION LINE OF SAID SECTION 7 TO THE EAST QUARTER CORNER OF SAID SECTION 7;

THENCE NORTH ALONG AND WITH THE EAST LINE OF THE NORTHEAST QUARTER OF SAID SECTION 7 TO THE SOUTHEAST CORNER OF THE AFORESAID SECTION 6;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 6 TO THE SOUTHEAST CORNER OF INSTRUMENT 2019-0870901, RECORDS OF MARIPOA COUNTY, ARIZONA;

THENCE ALONG AND WITH THE SOUTHERLY AND WESTERLY LINES OF SAID INSTRUMENT TO THE NORTH-SOUTH MID-SECTION LINE OF THE AFOFESAID SECTION 6;

THENCE NORTH, ALONG AND WITH SAID NORTH-SOUTH MID-SECTION LINE TO THE EAST-WEST MID-SECTION LINE OF SAID SECTION 6;

THENCE WEST, ALONG AND WITH SAID EAST-WEST MID-SECTION LINE, TO THE EAST QUARTER CORNER OF THE AFORESAID SECTION 1;

THENCE SOUTH, ALONG AND WITH SAID EAST LINE OF THE SOUTHEAST QUARTER TO THE SOUTHEAST CORNER OF SAID SECTION 1, ALSO BEING A POINT ON BELOAT ROAD;

THENCE WEST, ALONG AND WITH THE SOUTH LINE OF SAID SECTION 1 TO THE POINT OF BEGINNING;

EXCEPTING THEREFROM

A PARCEL OF LAND SITUATED IN A PORTION OF SECTIONS 4, 5 AND 6, TOWNSHIP 1 SOUTH, RANGE 3 WEST AND SECTIONS 32 AND 33, TOWNSHIP 1 NORTH, RANGE 3 WEST OF GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID SECTION 5;

THENCE EAST, ALONG AND WITH THE SOUTH LINE OF SAID SECTION 5, TO THE SOUTH QUARTER CORNER THEREOF;

THENCE DEPARTING SAID SOUTH LINE, NORTH ALONG AND WITH THE NORTH-SOUTH MIDSECTION LINE OF SAID SECTION 5, SAME BEING THE CENTERLINE OF SOUTH 7TH STREET, TO ITS INTERSECTION WITH THE CENTERLINE OF EAST CENTRE AVENUE;

THENCE EAST, ALONG AND WITH THE CENTERLINE OF EAST CENTRE AVENUE, TO ITS INTERSECTION WITH THE CENTERLINE OF SOUTH 9TH STREET;

THENCE CONTINUING EAST, ALONG AND WITH THE NORTH LINE OF MOUNTAIN VIEW ESTATES, A SUBDIVISION RECORDED IN BOOK 828 OF MAPS ON PAGE 34, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA, TO THE SOUTHEAST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN INSTRUMENT 1997-0311804, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID PARCEL, 1010 FEET, MORE OR LESS, TO THE CENTERLINE OF AN IRRIGATION DITCH;

THENCE EASTERLY, ALONG AND WITH SAID IRRIGATION DITCH, 361 FEET, MORE OR LESS;

THENCE NORTHERLY, ALONG AND WITH SAID IRRIGATION DITCH, 64 FEET, MORE OR LESS;

THENCE EASTERLY, ALONG AND WITH SAID IRRIGATION DITCH, 305 FEET, MORE OR LESS, TO THE EAST LINE OF THE AFORSAID SECTION 5;

THENCE NORTH, ALONG AND WITH SAID EAST LINE, TO THE EAST QUARTER CORNER OF SAID SECTION 5;

THENCE CONTINUING NORTHERLY, ALONG AND WITH SAID EAST LINE, TO THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN DOCKET 5040 ON PAGE 179, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE EASTERLY, ALONG AND WITH THE SOUTH LINE OF SAID PARCEL, 250 FEET TO ITS SOUTHEAST CORNER;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID PARCEL, TO THE SOUTHWEST CORNER OF THAT CERTAIN PARCEL DESCRIBED IN INSTRUMENT 2007-1118860, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE EASTERLY, ALONG AND WITH THE SOUTH LINE OF SAID PARCEL, TO ITS SOUTHEAST CORNER;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID PARCEL, TO THE NORTHEAST

CORNER THEREOF;

THENCE NORTHWESTERLY, ALONG AND WITH THE NORTH LINE OF SAID PARCEL, TO ITS INTRESECTION WITH THE EAST LINE OF THE AFORESAID SECTION 4;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID SECTION 4, TO THE SOUTHWEST CORNER OF LOT 4 OF SAID SECTION 4;

THENCE EAST, ALONG AND WITH THE SOUTH LINE OF SAID LOT 4, TO THE SOUTHEAST CORNER OF SHEPARD ESTATES UNIT ONE, A SUBDIVISION RECORDED IN BOOK 81 OF MAPS ON PAGE 13, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTHERLY, ALONG AND WITH THE EAST LINE OF SAID SUBDIVISION, TO THE NORTHEAST CORNER THEREOF IN THE NORTH LINE OF SAID SECTION 4;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINE OF SAID SECTION 4, TO THE SOUTHERLY PROLONGATION OF THE EAST LINE OF LOT 4 OF EAST SUNLAND, A SUBDIVISION RECORDED IN BOOK 42 OF MAPS ON PAGE 24, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH, ALONG AND WITH THE EAST LINE OF SAID LOT 4, TO THE NORTHEAST CORNER THEREOF IN THE NORTH LINE OF SAID SUBDIVISION;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINE OF SAID SUBDIVISION, TO THE SOUTHERLY PROLONGATION OF THE EAST LINE OF THE WEST 896 FEET OF THE AFORESAID SECTION 33;

THENCE NORTHERLY, ALONG AND WITH SAID EAST LINE, TO THE SOUTH LINE OF THE UNION PACIFIC RAILROAD RIGHT OF WAY;

THENCE SOUTHWESTERLY, ALONG AND WITH SAID SOUTH RIGHT OF WAY LINE, TO THE WEST LINE OF THE AFORESAID SECTION 33;

THENCE NORTH, ALONG AND WITH SAID WEST LINE, TO THE WEST QUARTER CORNER OF SAID SECTION 33;

THENCE DEPARTING SAID WEST LINE, ALONG AND WITH THE EAST-WEST MID-SECTION LINE OF THE AFORESAID SECTION 32, TO THE NORTHEAST CORNER OF BUCKEYE PARK, A SUBDIVISION RECORDED IN BOOK 565 OF MAPS ON PAGE 15, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE SOUTH, WESTERLY AND NORTH, ALONG AND WITH AND CIRCUMVENTING THE PERIMETER OF SAID BUCKEYE PARK, WITH THE FINAL BEARING OF NORTH 00 DEGREES 08 MINUTES 11 SECONDS WEST, 1187.28 FEET TO THE SAID EAST-WEST MID-SECTION LINE;

THENCE WEST, ALONG AND WITH SAID EAST-WEST MID-SECTION LINE TO THE WEST QUARTER CORNER OF THE AFORESAID SECTION 32;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID SECTION 32, TO THE SOUTHWEST CORNER THEREOF;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF THE AFORESAID SECTION 5, TO THE EASTERLY PROLONGATION OF THE NORTH LINE OF LOT 10 OF VALENCIA, A SUBDIVISION RECORDED IN BOOK 21 OF MAPS ON PAGE 44, OFFICIAL RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE WESTERLY, ALONG AND WITH THE NORTH LINES OF LOTS 10, 9 AND 8, TO THE NORTHWEST CORNER OF LOT 8 OF SAID VALENCIA;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID LOT 8, TO THE SOUTH RIGHT OF WAY LINE OF INDUSTRIAL STREET PER SAID MAP OF VALENCIA;

THENCE WEST, ALONG AND WITH SAID SOUTH RIGHT OF WAY LINE, TO THE WEST LINE OF SAID VALENCIA;

THENCE SOUTH, ALONG AND WITH SAID WEST LINE, TO THE NORTH RIGHT OF WAY LINE OF BUCKEYE CANAL;

THENCE NORTHEASTERLY, ALONG AND WITH SAID NORTH RIGHT OF WAY LINE, TO ITS INTERSECTION WITH THE NORTHERLY PROLONGATION OF THE EAST RIGHT OF WAY LINE OF SOUTH 253RD AVENUE;

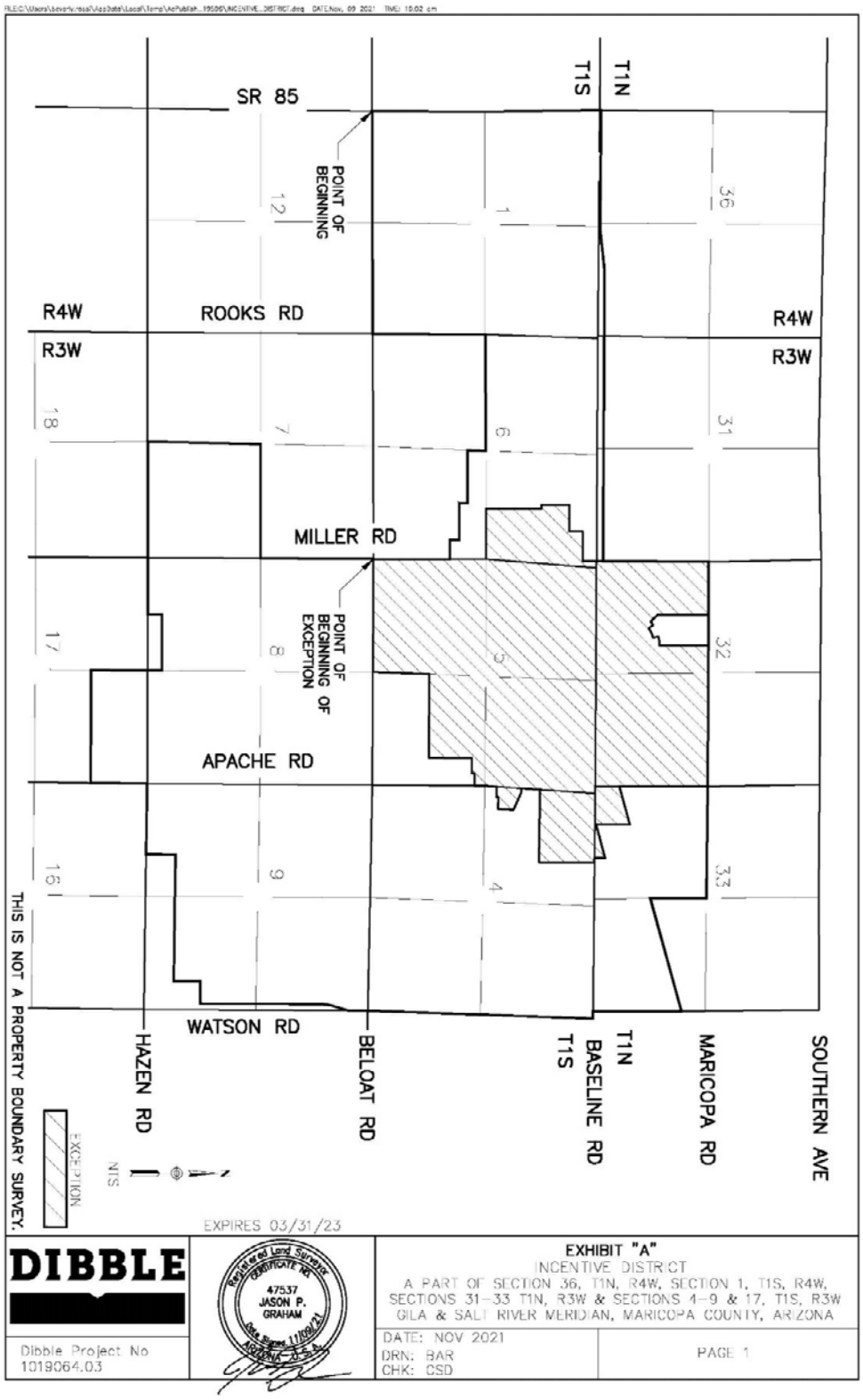
THENCE SOUTH, ALONG AND WITH SAID EAST RIGHT OF WAY LINE, TO THE EAST-WEST MIDSECTION LINE OF THE AFORESAID SECTION 6, SAME BEING THE CENTERLINE OF EAST MONROE AVENUE;

THENCE EAST, ALONG AND WITH SAID EAST-WEST MID-SECTION LINE, TO THE WEST QUARTER CORNER OF THE AFORESAID SECTION 5;

THENCE SOUTH, ALONG AND WITH THE WEST LINE OF SAID SECTION 5, TO THE POINT OF BEGINNING.

EXPPIRES 03/31/23





END OF SECTION

RESOLUTION NO. 94-21

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA EXPANDING THE GEOGRAPHIC AREA WITHIN AND NEAR THE DOWNTOWN BUCKEYE ACTIVITY CENTER ELIGIBLE FOR EXISTING REDUCED DEVELOPMENT USER FEES FOR DEVELOPMENT OF CERTAIN USES; AMENDING THE DEVELOPMENT USER FEE SCHEDULE TO INCLUDE THE EXPANDED AREA ELIGIBLE FOR EXISTING REDUCED DEVELOPMENT USER FEES FOR CERTAIN DEVELOPMENT USES; ESTABLISHING AN EXPIRATION DATE FOR INCENTIVE; REPEALING CONFLICTING RESOLUTIONS; AND PROVIDING FOR SEVERABILITY.

WHEREAS, on April 3, 2018, Mayor and the City Council of the City of Buckeye (collectively, "City Council"), through the adoption of the 2040 General Plan which was ratified by the voters on August 28, 2018, outlined the Historic Downtown Buckeye Activity Center as a regional destination to capitalize on historical and cultural assets available in the area which specifically denotes supporting a healthy and vibrant core of employment and commercial uses; and

WHEREAS, on May 15, 2018, subsequent to following the statutory process and adopting its notice of intent, City Council adopted Resolution No. 32-18 which established certain reduced development user fees to incentivize redevelopment and growth within the Historic Downtown Buckeye Activity Center as documented in the City's Development User Fee Schedule dated effective as of July 1, 2018 (the "Development User Fee Schedule"); and

WHEREAS, the Historic Downtown Buckeye Activity Center area that is subject to the incentivized fees adopted by City Council through Resolution No. 32-18, and set forth in the Development User Fee Schedule, is commonly referred to as the "Downtown Incentive District", the general area of which is depicted on the map attached as **Exhibit A** and incorporated herein; and

WHEREAS, to incentivize development of employment and commercial uses which will promote enhancement of the City of Buckeye's property tax, sales tax and employment base within the downtown area of the City of Buckeye, the City Council desires to modify the Development User Fee Schedule to expand the area within the Downtown Incentive District, as depicted on **Exhibit B** attached hereto and incorporated herein, to which the reduced development user fees will apply.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. The amendment of the Development User Fee Schedule reflecting the geographic area of the Downtown Incentive District eligible for reduced development user fees as shown on **Exhibit B** is hereby approved.

Section 2. The amendment of the Development User Fee Schedule, Section 7, describing the development uses and conditions to which the reduced development user fees are applicable, is attached as **Exhibit C** and incorporated herein by reference, and is hereby approved.

Section 3. The expanded area of the Downtown Incentive District as shown on **Exhibit B** attached hereto and the incentivized development user fees applicable to the expanded Downtown Incentive District shall expire three (3) years from the effective date of this Resolution unless extended by City Council.

Section 4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

Section 5. That the Mayor, the City Manager, the City Clerk, the City Attorney, and the Director of Development Services are hereby authorized and directed to execute all documents and take all steps necessary to carry out the purpose and intent of this Resolution.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

_____
Eric W. Orsborn, Mayor

ATTEST:

_____
Lucinda J. Aja, City Clerk

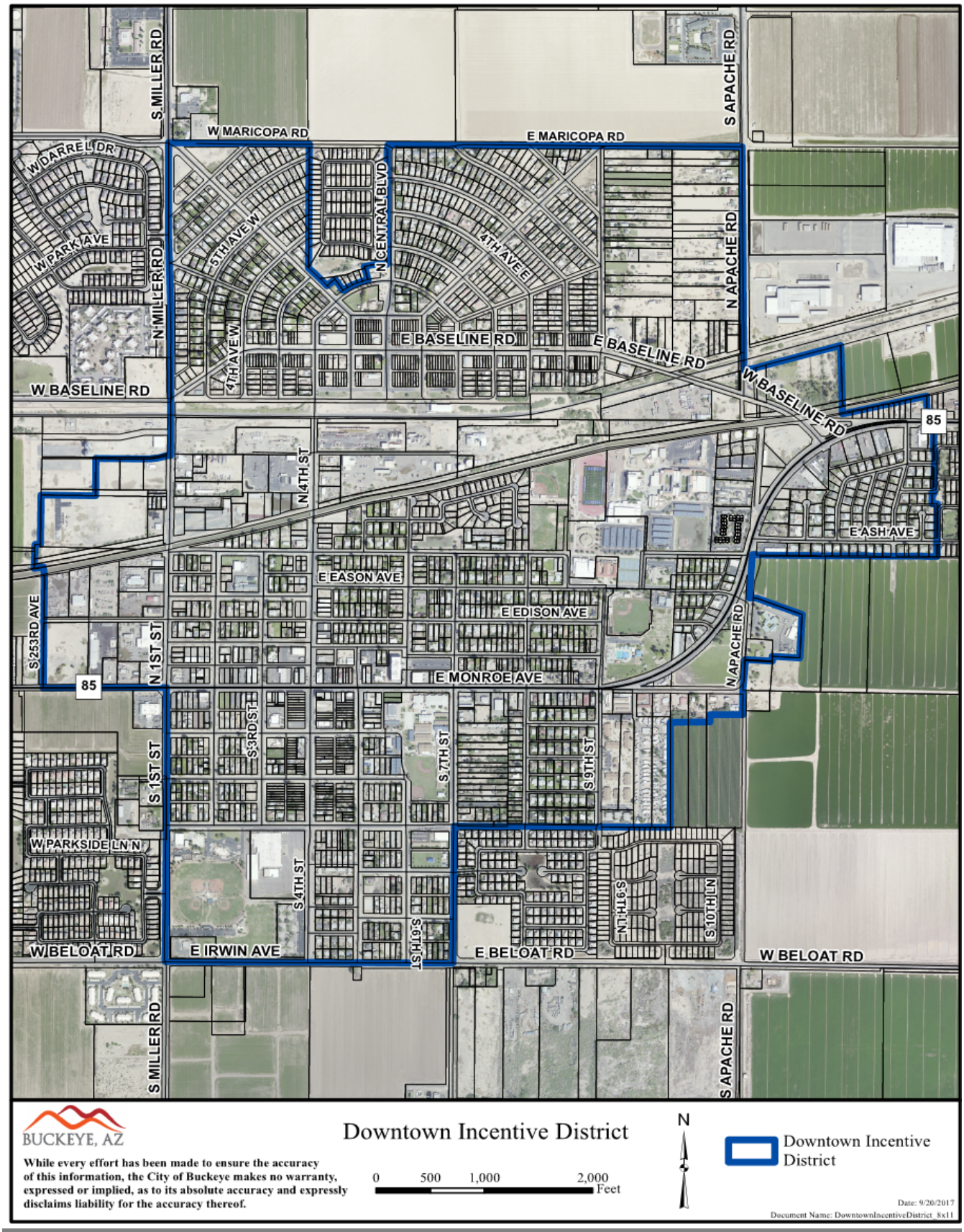
APPROVED AS TO FORM:

_____
Shiela B. Schmidt, City Attorney

EXHIBIT A

[Map of Downtown Incentive District as Established as of July 1, 2018]

See following page(s).


S MILLER RD
W MARICOPA RD
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S APACHE RD
W DARREL DR
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N MILLER RD
5TH AVE W
N CENTRAL BLVD
4TH AVE E
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N 4TH ST
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85
S 3RD ST
S 7TH ST
S 9TH ST
S 1ST ST
W PARKSIDE LN N
S 4TH ST
S 6TH ST
N 11TH LN S
S 10TH LN
W BELOAT RD
E IRWIN AVE
E BELOAT RD
W BELOAT RD
S MILLER RD
S APACHE RD
BUCKEYE, AZ
Downtown Incentive District
While every effort has been made to ensure the accuracy of this information, the City of Buckeye makes no warranty, expressed or implied, as to its absolute accuracy and expressly disclaims liability for the accuracy thereof.
0 500 1,000 2,000 Feet
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Downtown Incentive District
Date: 9/20/2017
Document Name: DowntownIncentiveDistrict_8x11

EXHIBIT B

[Map of Expanded Downtown Incentive District]

See following page(s).

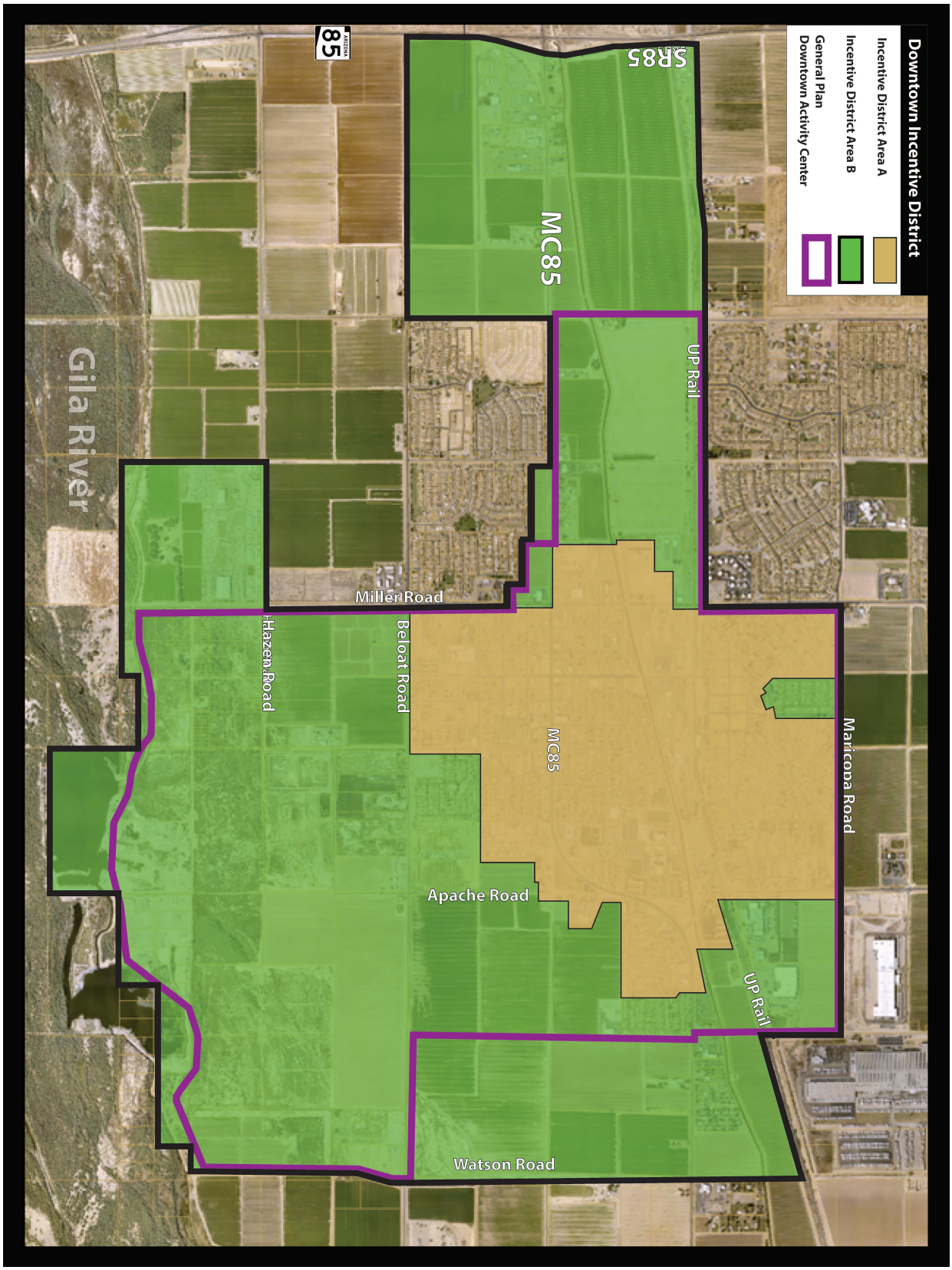
Downtown Incentive District
Incentive District Area A
Incentive District Area B
General Plan Downtown Activity Center
SR85
MC85
UP Rail
Gila River
Miller Road
Hazen Road
Beloat Road
MC85
Maricopa Road
Apache Road
UP Rail
Watson Road

EXHIBIT C

[Amendment to Section 7 of Development User Fee Schedule]

See following pages.

SECTION 7: Incentive District

Fee Structure: All fees charged as detailed below.

1. Downtown Incentive District
   a. This district is to incentivize the downtown Buckeye area for redevelopment and growth.
   b. The incentive for this area is a 75% reduction on all **User Fees as identified in this document** with the exception of items (c) and (d) below.
   c. The incentive does not apply to the following;
      i. The Office of Manufactured Housing Set Fee
      ii. Business License Fees
      iii. All Class Permits, (Section 3)
      iv. MIDS and SLIDS, (Section 3)
      v. Annual Fees as listed under the Class Permits, (Section 3)
      vi. All fees adopted under other council action or other fees schedules such as;
         1. Development Impact Fees
         2. Water Fees
      vii. Unincorporated land developed through Maricopa County

   d. Within Incentive Area B (as shown on the following map) the incentive does not apply to the following land uses. Note, there are no restricted land uses for Incentive Area A;
      i. Single-Family Residential
      ii. Multi-Family Residential with less than fifteen (15) dwelling units per acre net density
      iii. Mobile Home Park
      iv. Manufactured Home Subdivision
      v. Group Living Use Category uses
      vi. Marijuana related uses
      vii. Telecommunication Facility Use Category uses
      viii. Vehicle Storage
      ix. Resource Extraction
      x. Storage Yard
      xi. Waste and Salvage Use Category uses
      xii. Temporary Uses.

   ~~d~~e. Incentive Area B will be offered for three (3) years from the effective date of this User Fee Schedule and may be extended by approval of the City Council.
   f. The pictorial area for the Downtown Incentive Districts A and B ~~is~~ are identified on the following maps.
   ~~e~~g. The Legal Description for the Downtown Incentive Districts ~~is~~ are on the following pages ~~24, 25, and 26~~.

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BUCKEYE, AZ

Downtown Incentive District Expansion

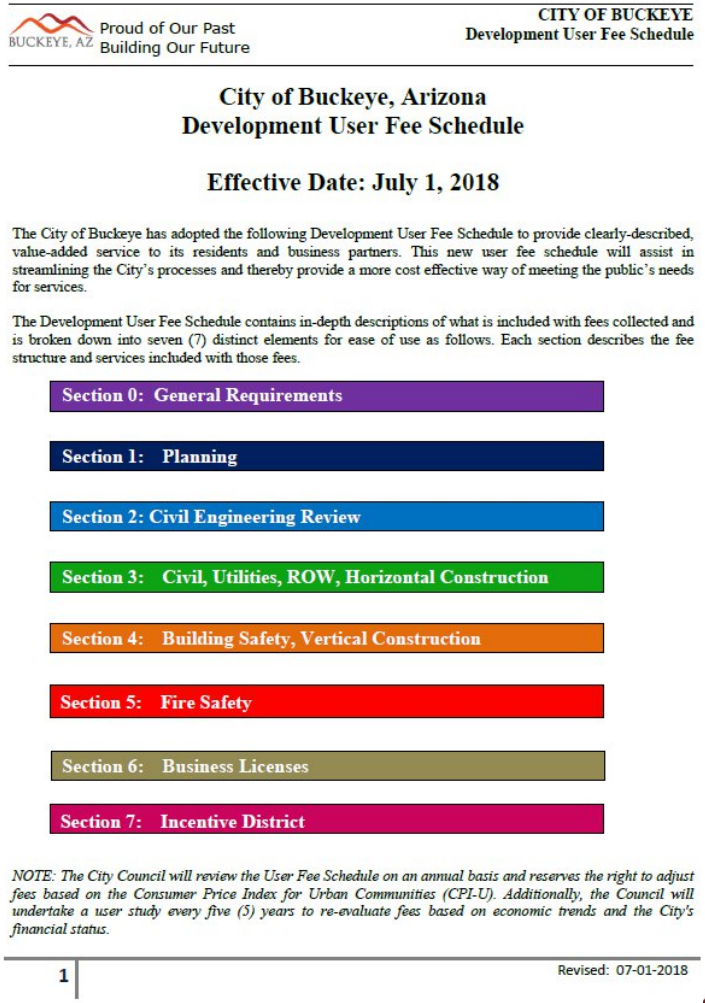


City Council

December 21, 2021

Background

- July 1 2018 effective date of User Fee Schedule that included the initial Incentive District
- Sets and describes fees for permitting and development activity
- Proposed amendment concerns only Section 7: Incentive District



BUCKEYE, AZ Proud of Our Past Building Our Future

CITY OF BUCKEYE
Development User Fee Schedule

City of Buckeye, Arizona
Development User Fee Schedule

Effective Date: July 1, 2018

The City of Buckeye has adopted the following Development User Fee Schedule to provide clearly-described, value-added service to its residents and business partners. This new user fee schedule will assist in streamlining the City's processes and thereby provide a more cost effective way of meeting the public's needs for services.

The Development User Fee Schedule contains in-depth descriptions of what is included with fees collected and is broken down into seven (7) distinct elements for ease of use as follows. Each section describes the fee structure and services included with those fees.

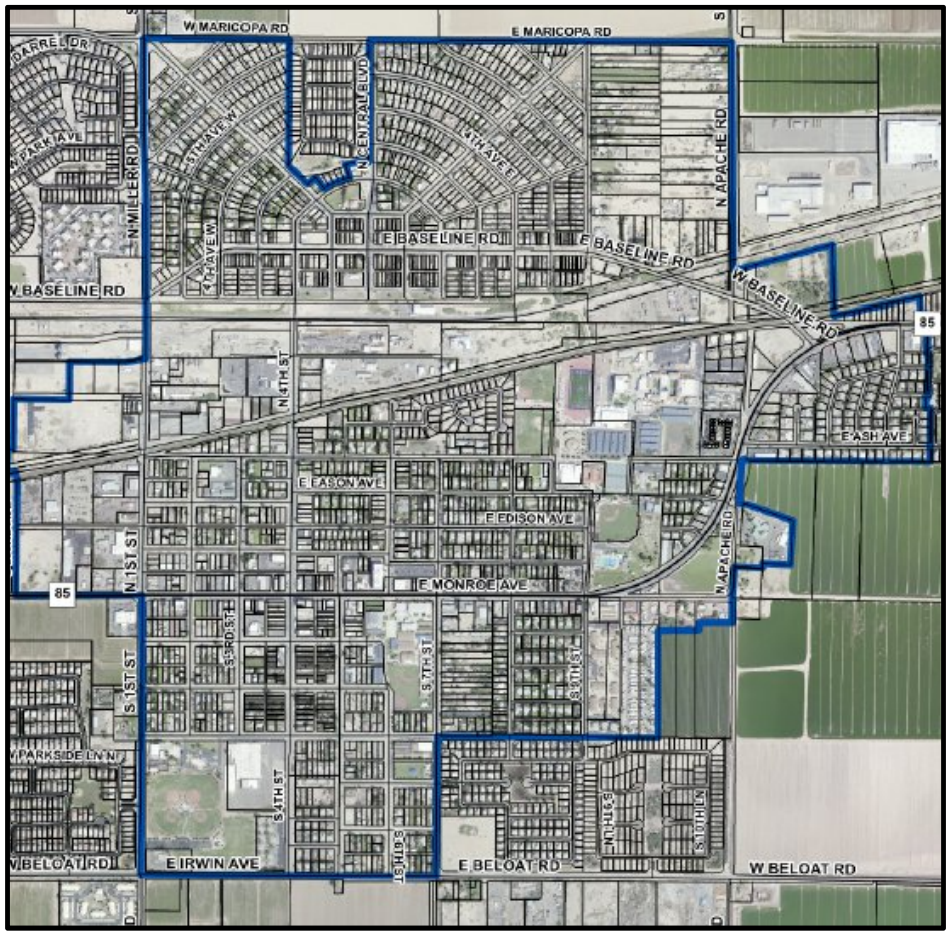
- **Section 0: General Requirements**
- **Section 1: Planning**
- **Section 2: Civil Engineering Review**
- **Section 3: Civil, Utilities, ROW, Horizontal Construction**
- **Section 4: Building Safety, Vertical Construction**
- **Section 5: Fire Safety**
- **Section 6: Business Licenses**
- **Section 7: Incentive District**

NOTE: The City Council will review the User Fee Schedule on an annual basis and reserves the right to adjust fees based on the Consumer Price Index for Urban Communities (CPI-U). Additionally, the Council will undertake a user study every five (5) years to re-evaluate fees based on economic trends and the City's financial status.

1 Revised: 07-01-2018

BUCKEYE, AZ

Current Incentive District Boundary



BUCKEYE, AZ Proud of Our Past Building Our Future

CITY OF BUCKEYE
Development User Fee Schedule

SECTION 7: Incentive District

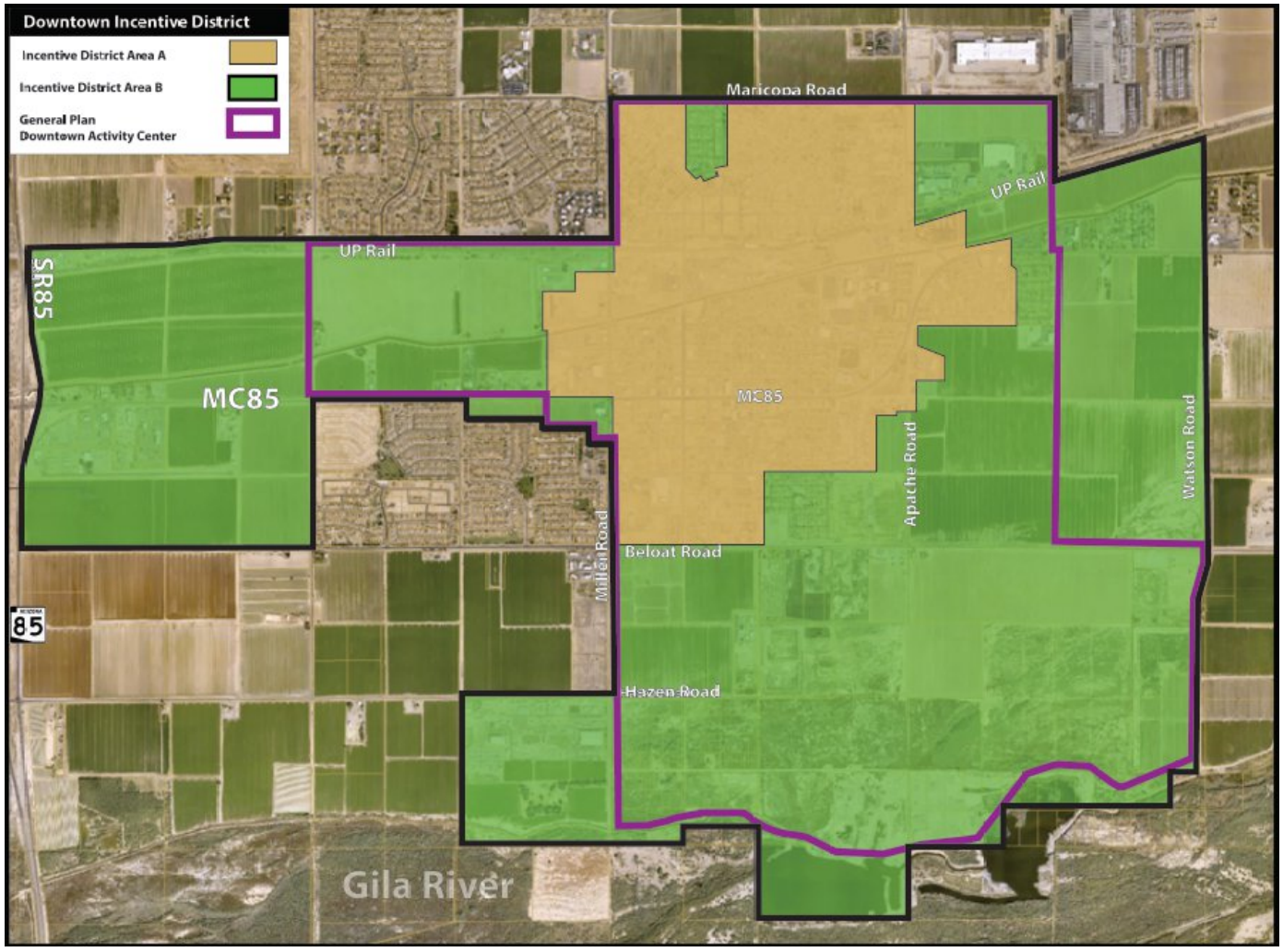
Fee Structure: All fees charged as detailed below.

1. Downtown Incentive District
   - a. This district is to incentivize the downtown Buckeye area for redevelopment and growth.
   - b. The incentive for this area is a 75% reduction on all **User Fees as identified in this document** with the exception of item (c) below.
   - c. The incentive does not apply to the following;
     - i. The Office of Manufactured Housing Set Fee
     - ii. Business License Fees
     - iii. All Class Permits, (Section 3)
     - iv. MIDS and SLIDS, (Section 3)
     - v. Annual Fees as listed under the Class Permits, (Section 3)
     - vi. All fees adopted under other council action or other fees schedules such as;
       1. Development Impact Fees
       2. Water Fees
   - d. The pictorial area for the Downtown Incentive District is identified on the following map.
   - e. The Legal Description for the Downtown Incentive District is on pages 24, 25, and 26.

- 75% reduction on most User Fees
- No discount on Water or Impact Fees
- Applies to all allowable land uses
- Aimed at incentivizing development & reinvestment in City's core

BUCKEYE, AZ

Proposed Incentive District Expansion



BUCKEYE, AZ

Proposed Incentive District Expansion

- Maintain existing incentive district boundary and applicable rules in its entirety
- Create a second boundary area with 3-year effective period
- Limit discount-eligible land uses to those with regionally significant economic benefit, specifically excluding:
  - Single-Family Residential
  - Multi-Family Residential with less than 15 dwelling units per acre net density
  - Mobile Home Park
  - Manufactured Home Subdivision
  - Group Living Use Category uses
  - Marijuana related uses
  - Telecommunication Facility Use Category uses
  - Vehicle Storage
  - Resource Extraction
  - Storage Yard
  - Waste and Salvage Use Category uses
  - Temporary Uses

BUCKEYE, AZ

Benefits

- Entices new employment and commercial development opportunities (GP Policies G-8.7, G-9.5, & G-15.3)
- Encourages revitalization and redevelopment of existing buildings and vacant structures (GP Policy G-10.4)
- Fosters new growth and development at the intersection MC 85 and SR 85 corridors (City's future gateway into Downtown)
- Supports the El Rio District Area Plan
- Encourages diverse and dense housing and population growth in downtown (GP Policy G-17.5)

BUCKEYE, AZ

Recommendation

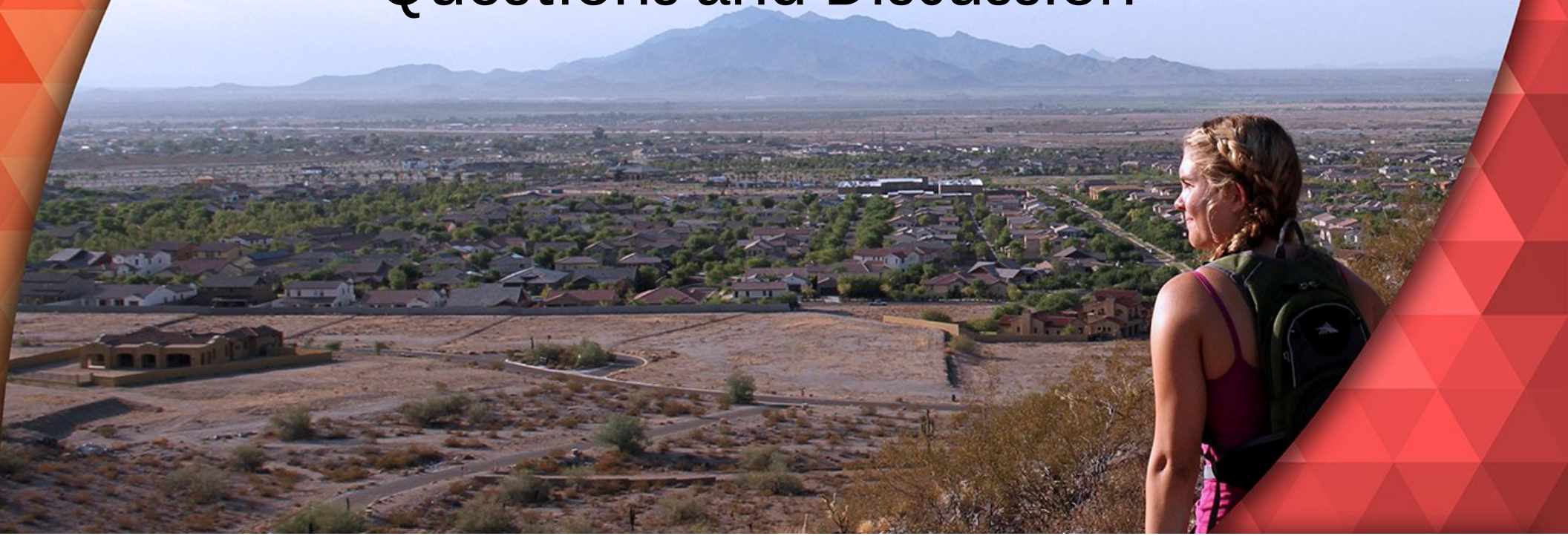
- Staff recommends approval of Resolution No. 94-21

  Expanding the geographic area within and near the Downtown Buckeye Activity Center eligible for existing reduced development user fees for development of certain uses; amending the Development User Fee Schedule to include the expanded area eligible for existing reduced development user fees for certain development uses; establishing an expiration date for incentive; repealing conflicting resolutions; and providing for severability.

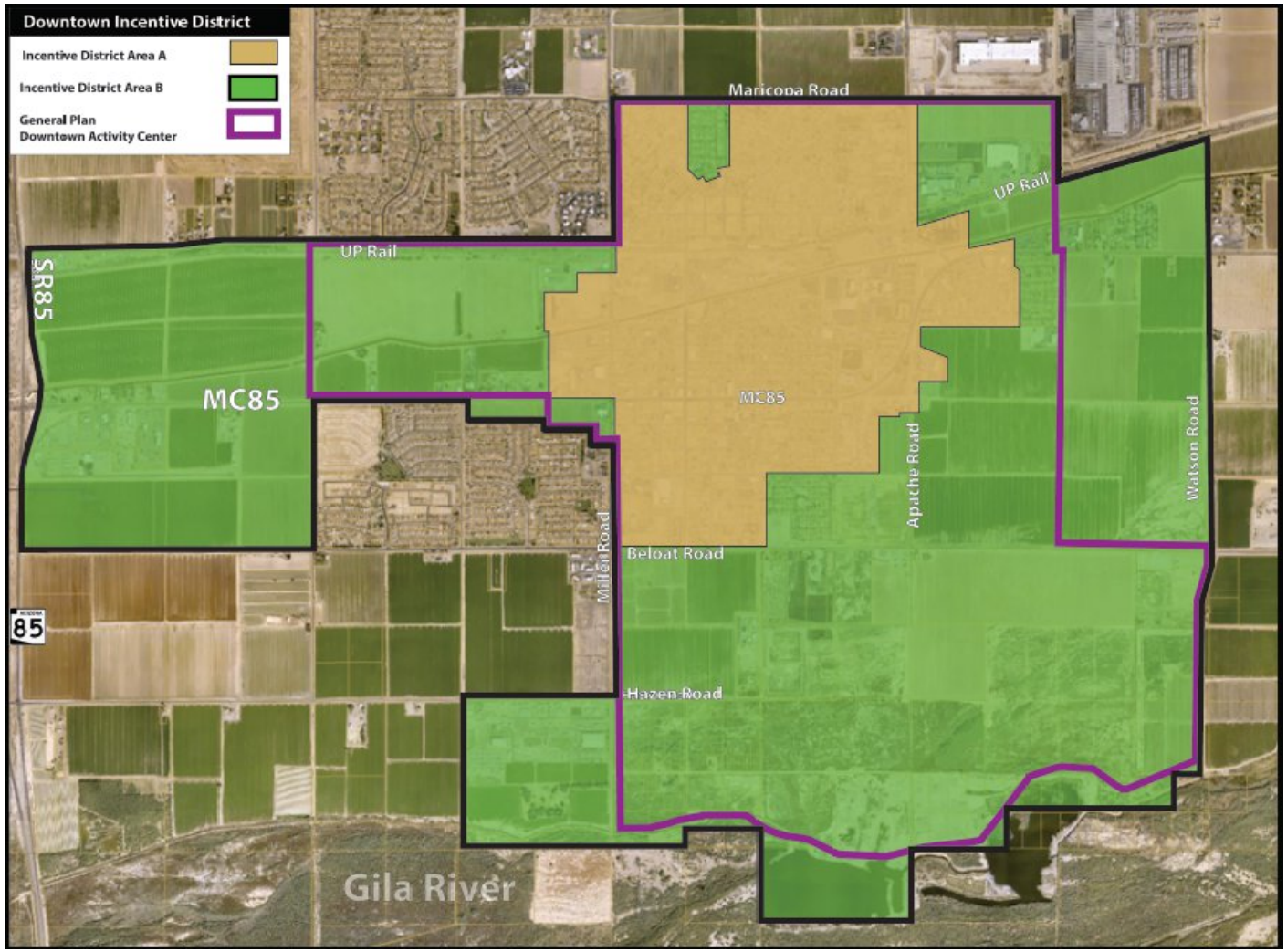
BUCKEYE, AZ

BUCKEYE, AZ

Questions and Discussion



Proposed Incentive District Expansion



BUCKEYE, AZ

Proposed Incentive District Expansion

SECTION 7: Incentive District

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      vi. All fees adopted under other council action or other fees schedules such as;
         1. Development Impact Fees
         2. Water Fees
      vii. Unincorporated land developed through Maricopa County

   d. Within Incentive Area B (as shown on the following map) the incentive does not apply to the following land uses. Note, there are no restricted land uses for Incentive Area A;
      i. Single-Family Residential
      ii. Multi-Family Residential with less than fifteen (15) dwelling units per acre net density
      iii. Mobile Home Park
      iv. Manufactured Home Subdivision
      v. Group Living Use Category uses
      vi. Marijuana related uses
      vii. Telecommunication Facility Use Category uses
      viii. Vehicle Storage
      ix. Resource Extraction
      x. Storage Yard
      xi. Waste and Salvage Use Category uses
      xii. Temporary Uses.

   ~~d~~e. Incentive Area B will be offered for three (3) years from the effective date of this User Fee Schedule and may be extended by approval of the City Council.
   f. The pictorial area for the Downtown Incentive Districts A and B ~~is~~ are identified on the following maps.
   ~~e~~g. The Legal Description for the Downtown Incentive Districts ~~is~~ are on the following pages ~~24, 25, and 26~~.

BUCKEYE, AZ

General Plan Policies

- Policy G-8.7 The City of Buckeye should study potential incentives to encourage the development of Activity Centers
- Policy G-9.5 The City of Buckeye should evaluate use of a range of incentives, such as expedited permit approvals, dedicated project managers, permit fee reimbursement, infrastructure assistance
- Policy G-10.4 The City of Buckeye should utilize a range of incentives, such as tax rate incentives, financial incentives, and operating incentives for small business expansion and renovation, where doing so is advantageous to the City.
- Policy G-15.3 The City of Buckeye should provide incentives to attract employment type uses to identified growth areas.
- Policy G-17.5 The City of Buckeye should evaluate the provision of incentives to encourage the development of diverse housing types, such as affordable workforce housing.
- Policy G-21.4 The City of Buckeye should create an infill incentive district that encourages redevelopment and infill development in areas that have existing infrastructure to allow for reductions or the elimination of contributions or fees.

BUCKEYE, AZ

Downtown Projects submitted in 2021

- Two (2) Commercial Design Review projects-including the Buckeye Valley Museum
- Catalyst Program
  - An office and two retail suites.
- Ten (10) projects submitted for the Preliminary Application Process (PAC) **this number may have changed since 11/10/2021
- Proposed annexation of convenience store into the city
- Property rezoning of an obsolete zone district

Plan Number	Project Name	Plan Status	Work Class	Location	SF of Development
PLZDR-21-00060	110 BUILDING COMMERCIAL DESIGN REVIEW	Approved	Commercial Design Review	SEC OF N 4TH ST & E ROOSEVELT AVE	13,000 sq ft Commercial
PLZDR-21-00077	BUCKEYE VALLEY MUSEUM COMMERCIAL DESIGN REVIEW	In Review	Commercial Design Review	NEC OF N 9TH ST & E MONROE AVE	530 sq ft Commercial
PLZSP-21-00044	726 MONROE SITE PLAN IMPROVEMENTS (CATALYST PROGRAM)	In Review	Minor Amendment to Site Plan	726 E MONROE AVE	12,261 sq ft Commercial
PLZM-21-00306	BUCKEYE 40 PAC	Applied	Pre Application Conference	SEC OF N APACHE RD & W MARICOPA RD	600,000 sq ft Industrial
PLZM-21-00282	LANAI LIVING PAC	Approved	Pre Application Conference	SEC OF N APACHE RD & E MONROE AVE	1,235,928 sq ft Multi-Family
PLZM-21-00236	WORSHIP & WORD, BUCKEYE PAC	Approved	Pre Application Conference	NEC OF N APACHE RD & W US 85	4,000 SQFT Assembly
PLZM-21-00174	CIRCLE K MC85 & MONROE AVE	Approved	Pre Application Conference	NEC OF N APACHE RD & E MONROE AVE	12,610 sq ft Commercial
PLZM-21-00225	1005 E MONROE AVE DAYCARE CENTER PAC	Approved	Pre Application Conference	1005 E MONROE AVE	1,708 sq ft Daycare
PLZM-21-00229	BUCKEYE APARTMENTS	Approved	Pre Application Conference	SEC E IRVINE AVE & S MILLER RD	8.52 Acres Multi-Family
PLZM-21-00239	620 W HWY 85 ANNEXATION PAC	Approved	Pre Application Conference	NWC OF E BASLINE RD & W US 85	111,430 sq ft Annex for Multi-Family
PLZM-21-00276	HWY 85 - PIZZA HUT PAC	Approved	Pre Application Conference	1217 E US HIGHWAY 85	1,800 sq ft Commercial
PLZM-21-00187	ROERS BUCKEYE DOWNTOWN PAC	In Review	Pre Application Conference	SWC OF W US 85 & S 1ST ST	10.77 Acres Multi-Family
PLZM-21-00288	KORE Power - PAC	In Review	Pre Application Conference	SWC OF SR 85 & W BASELINE RD	1M sq ft Industrial
PLZM-21-00314	PROPOSED CONVENIENCE STORE ANNEXATION	Applied	Property Annexation	MC85 & SR 85	2.6 Acres Annex for Commercial
PLZS-21-00123	VE RE-PLAT CATALYST PROGRAM	Approved	Re-Plat Administration	726 E MONROE AVE	12,261 sq ft Commercial
PLZZ-21-00020	PARCEL 400-28-001G REZONE	In Review	Rezoning from Obsolete Zone District	SEC OF E CENTRE AVE & S 4TH ST	6.51 Acres Rezone to Mixed Use

BUCKEYE, AZ

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 7.B. 2022 Legislative Agenda
DATE PREPARED: 12/16/21	**DISTRICT NO.:** ALL
STAFF LIAISON: George Diaz, Intergovernmental Affairs Director, gdiaz@buckeyeaz.gov, (623) 980-0956	
DEPARTMENT: City Manager	**AGENDA ITEM TYPE:** Public Hearing / Non Consent - New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on the authorization of the 2022 Legislative Agenda.

RELEVANT GOALS:
GOAL 1: Fiscal Wellness and Financial Flexibility and Accountability

ADDITIONAL RELEVANT GOALS:
GOAL 2: Enhanced Economic Well-Being and Vitality

SUMMARY

PROJECT DESCRIPTION:
In order to work effectively and measure success within the fast pace of the legislative session, staff seeks approval of advance directives and permissions in the form of legislative goals, priorities and programs.

1. Preserve local control,
2. Preserve State Shared Revenues to cities and towns,
3. Restore Highway User Revenue Fund,
4. Defend Local Transaction Privilege Tax,
5. Preserve Construction Sales Tax revenues,
6. Defend city impact fees,
7. Maintain accountability in Community Facilities Districts,
8. Revise SB1487 (2016) state law; local violations; penalties to permit local control,
9. Preserve limitations of sober living homes in single-family residential zoning districts and the ability to hold them accountable,
10. Hold short-term rentals accountable for their impact on neighborhoods,
11. Preserve the City's authorities related to water resources acquisition, water rights, treatment, production, delivery, and storage of water and effluent,
12. Support legislation enabling and funding state grants to counties, cities, districts and tribes to eradicate Salt Cedar in prime threatened and endangered habitat, where the eradication would also conserve water and, prevent fire and flood,
13. Pursue appropriation(s) from the state legislature to fund transportation improvements inside the City of Buckeye and region,
14. Engage in the process to minimize the impact of Master Services and Infrastructure District legislation on cities and towns.
15. Support legislation enabling the Proposition 400 extension; and
16. Support legislation addressing occupational licensing for military spouses.

BENEFITS:
The fluid nature and rapid pace of the legislative session necessitates advance directives and permissions for the legislative program to operate effectively. State law can legally supersede or set the bounds of the City of Buckeye's ordinances and policies, therefore it is critical that an environment of reasonable local authority and local control be maintained for meeting the relevant council goals. Securing revenue intended for cities and towns that is appropriated by the legislature allows for constructing necessary infrastructure, delivering sustainable policies and the ability to provide long-term planning.

FUTURE ACTION:
1) Implementation of a program to influence legislative outcomes to benefit the City of Buckeye. 2) Legislative reports during Council meetings. 3) Frequent written reports. 4) Individual monthly verbal reports to council members as needed. 5) A written legislative summary at the end of session. 6) Establish the City of Buckeye's leadership and staff as a resource for legislators when considering laws that impact cities and towns.

FINANCIAL IMPACT STATEMENT:
A well executed legislative program will prevent any financial impact to the city.

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:

CITY OF BUCKEYE
Regular Council Meeting
COUNCIL ACTION REPORT

MEETING DATE: 12/21/21	**AGENDA ITEM:** 7.C. Buckeye Elementary School 6th Street Plaza Stage Amendment to IGA
DATE PREPARED: 12/16/21	**DISTRICT NO.:** 2
STAFF LIAISON: Miranda Gomez, Community Services Director, mgomez@buckeyeaz.gov, (623) 349-6353	
DEPARTMENT: Community Services	**AGENDA ITEM TYPE:** Public Hearing / Non Consent - New Business

ACTION/MOTION: (This language identifies the formal motion to be made by the Council)
Council to take action on Resolution No. 96-21 approving the First Amendment to Intergovernmental Agreement between City of Buckeye and Buckeye Elementary School District No. 33 for Development, Construction and Joint Use of Public Facilities; authorizing the Mayor to execute and deliver said Amendment and related documents on behalf of the City; and approving and authorizing the transfer of $250,000 from contingency funds for said Amendment.

RELEVANT GOALS:
GOAL 4: Adequate, Well-Maintained and Well-Planned Public Infrastructure

SUMMARY

PROJECT DESCRIPTION:
In 2020, Buckeye Elementary School District officials approached the City about the opportunity to make improvements at Buckeye Elementary School by expanding the gymnasium and creating an outdoor stage, which could be used by the City during non-school hours as part of a separate agreement the City has with the District for the shared use of facilities. After further discussions with the District, the City believes the project would be of benefit to the programs, events, and services it offers to residents. The outdoor stage can be used for City or co-sponsored events, including the Halloween Carnival, Buckeye Days, Shop Small Saturday, etc. The gymnasium will be expanded with a large roll up door installed on the north end that will serve as the stage's opening. Portions of the fence adjacent to the gym will be removed and the stage will be installed on portions of City-owned land where there is currently turf. The agreement also stipulates maintenance considerations. The School District will be responsible for mowing and maintaining the turf on the City-owned parcel. The City will continue maintaining existing lighting and irrigation systems. In addition, large gates will be added at the northern end of the fence to allow for more open and accessible space for when events are held.

BENEFITS:
Once complete, the gymnasium expansion and outdoor stage will benefit the City for programming related to special events, such as a stage for live music. Other programs offered at the school, such as Summer Recreation and the Before and After School childcare program will also benefit by additional program opportunities created by the expanded space.

FUTURE ACTION:
Once approved by Council, the City will issue a check to Buckeye Elementary School District at the completion of the project. Staff will provide periodic updates to Council via email and biweekly

reports.

FINANCIAL IMPACT STATEMENT:
The City will provide $250,000 towards construction of the project, which is estimated to be 20% of the overall construction cost of $1,250,000. Funds for this project will come from the General Fund Contingency. Once the IGA is approved by Council, staff will request a fund transfer from GL#10001108-570020 General Fund Contingency to GL#10004150-520038 Contributions to Civic Organizations for the account from which the check will be issued.

CURRENT FISCAL YEAR TOTAL COST:
$250,000

BUDGETED:
No

FISCAL YEAR:
21/22

FUND/DEPARTMENT:
General Fund Contingency GL#10001108-570020

Items related to a project or facility location must include an attached vicinity map for Council Review.
ATTACHMENTS:
RES 96-21 - First Amendment to Buckeye & BESD 6th Street Improvements IGA.pdf
Buckeye & BESD First Amendment - IGA re 6th Street Improvements.pdf

RESOLUTION NO. 96-21

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, APPROVING THE FIRST AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN CITY OF BUCKEYE AND BUCKEYE ELEMENTARY SCHOOL DISTRICT NO. 33 FOR DEVELOPMENT, CONSTRUCTION AND JOINT USE OF PUBLIC FACILITIES; AND AUTHORIZING THE MAYOR TO EXECUTE AND DELIVER SAID AMENDMENT AND RELATED DOCUMENTS ON BEHALF OF THE CITY.

WHEREAS, the City of Buckeye, an Arizona municipal corporation (the "City"), and Buckeye Elementary School District No. 33 of Maricopa County, Arizona, a political subdivision of the State of Arizona (the "District") entered into an Intergovernmental Agreement for Development, Construction and Joint Use of Public Facilities, dated October 12, 2010, and recorded in the Office of the Maricopa County Recorder at 2010-935311 on October 26, 2010 (the "IGA"); and

WHEREAS, the IGA allows the transfer of property between the City and the District for development, usage, management and maintenance of the site located between 5th and 7th Streets and Monroe Avenue and South of Clanton Avenue in the City of Buckeye for use as an elementary school, public outdoor multi-purpose plaza area and other items as described more particularly in the IGA; and

WHEREAS, the District desires to amend the IGA to make additional improvements to its property, including expanding its gymnasium and constructing an outdoor stage in connection therewith, a portion of which stage will be located on City property; and

WHEREAS, the parties now desire to modify the IGA to allow the District to construct a portion of the outdoor stage on the City's property, to set forth the rights and obligations relating to such improvements and to update other provisions of the IGA; and

WHEREAS, the City and the District are entering into this Amendment in the spirit of cooperation and mutual desire to increase and enhance services available to the District's students and to the City's residents.

BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BUCKEYE, ARIZONA, as follows:

Section 1. The recitals above are hereby incorporated as if fully set forth herein.

Section 2. The document titled "First Amendment to Intergovernmental Agreement between City of Buckeye and Buckeye Elementary School District No. 33 for Development, Construction and Joint Use of Public Facilities" (the "First Amendment") is hereby approved in

substantially the form and substance on file with the City Clerk and which is incorporated herein by reference.

Section 3. The Mayor, the City Clerk, and the City Attorney are hereby authorized and directed to execute and deliver the First Amendment authorized in Section 2 of this Resolution, as well as any documents and other necessary or desirable instruments connected therewith, and to take all steps necessary to carry out the purpose and intent of this Resolution.

PASSED AND ADOPTED by the Mayor and City Council of the City of Buckeye, Arizona, this 21st day of December, 2021.

Eric W. Orsborn, Mayor

ATTEST:

Lucinda J. Aja, City Clerk

APPROVED AS TO FORM:

Shiela B. Schmidt, City Attorney

WHEN RECORDED, RETURN TO:

City of Buckeye
ATTN: City Clerk, Lucinda J. Aja
530 East Monroe Avenue
Buckeye, Arizona 85326

FIRST AMENDMENT TO INTERGOVERNMENTAL AGREEMENT BETWEEN CITY OF BUCKEYE AND BUCKEYE ELEMENTARY SCHOOL DISTRICT NO. 33 FOR DEVELOPMENT, CONSTRUCTION AND JOINT USE OF PUBLIC FACILITIES

This First Amendment to Intergovernmental Agreement Between City of Buckeye and Buckeye Elementary School District No. 33 for Development, Construction and Joint Use of Public Facilities (the **"First Amendment"**) is entered into and effective as of the ____ day of January, 2022, by and between the City of Buckeye, an Arizona municipal corporation (the **"City"**), and Buckeye Elementary School District No. 33 of Maricopa County, Arizona, a political subdivision of the State of Arizona (the **"District"**).

RECITALS

A. The City and the District entered into that certain Intergovernmental Agreement Between City of Buckeye and Buckeye Elementary School District No. 33 for Development, Construction and Joint Use of Public Facilities, dated October 12, 20101995, and recorded in the Office of the Maricopa County Recorder in Document No. 2010-935311 on October 26, 2010 (**"Agreement"**) to transfer property and discuss development, usage, management and maintenance of the site located between 5th and 7th Streets and Monroe Avenue and South of Clanton Avenue in the City of Buckeye for use as an elementary school, public outdoor multi-purpose plaza area and other items as described more particularly in the Agreement.

B. The District owns and operates Buckeye Elementary School on the District Property and the Town Right of Way Property, as those terms are defined in the Agreement. The District Property and the Town Right of Way Property shall sometimes be collectively referred to herein as the **District Property."**

C. The City owns certain real property that is designated as the "Town Property" in the Agreement and which is legally described and depicted on Exhibit "A" attached hereto and which is adjacent to the District property and the Town Right of Way property (the **"City Property"**).

D. The District desires to make additional improvements to its property, including expanding its gymnasium and constructing an outdoor stage in connection therewith, a portion of which stage will be located on the City Property.

E. The parties now desire to modify the Agreement to allow the District to construct a portion of the outdoor stage on the City Property, to set forth the rights and obligations relating to such improvements and to update other provisions of the Agreement.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration received, the parties hereto hereby grant to each other certain easements as hereafter described and make certain other agreements as follows:

AGREEMENTS

1. Accuracy of the Recitals. The parties hereby acknowledge the accuracy of the Recitals which are incorporated herein by reference.

2. Extent of Amendments. Except as otherwise expressly provided herein, the Agreement and the other instruments and agreements referred to therein are not amended, modified or affected by this First Amendment. Except as expressly set forth herein, all of the terms, conditions, covenants, representations, warranties and all other provisions of the Agreement are hereby ratified and confirmed and shall remain in full force and effect. In the event of any conflict between the Agreement and this First Amendment, this First Amendment shall control.

3. Defined Terms. Capitalized terms not defined herein shall have their respective meanings as set forth in the Agreement.

4. District Construction. On or before August 1, 2022 (the **"Deadline"**), the District shall construct or cause to be constructed, through a contract or contracts awarded by the District pursuant to and in accordance with the public procurement requirements of Arizona Revised Statutes Title 34, and at the District's sole cost and expense (but subject to reimbursement by the City in the amount of the City Contribution, as provided in Section 11 below), the outdoor stage and related improvements, including, without limitation the installation of large gates at the north end of the existing fence line, all as more specifically set forth on the site plan (the **"Site Plan"**) attached as Exhibit "B" hereto (collectively, the **"Additional District Improvements**); provided, however, that the Deadline may be extended upon mutual agreement of the City and the District. The Additional District Improvements shall be included within the meaning of the term "District Improvements" for purposes of the Agreement. The Additional District Improvements shall be constructed on the City Property and the District Property and shall be located where specified on the Site Plan. The District shall construct the Additional District Improvements strictly in accordance with the Approved Plans (as defined below). The District shall have financial responsibility for all of the Additional District Improvements, as well as the responsibility to: (a) design, construct and install the Additional District Improvements in a good, workmanlike and professional manner; (b) follow all zoning, building permit and other similar regulatory processes and requirements; and (c) obtain all certificates, licenses, permits and other consents and approvals that may be required by any authorities for the construction, installation and equipping of the Additional District Improvements. If construction of that portion of the Additional District Improvements that are to be located on the City Property is commenced but not completed by the Deadline, or any mutually agreed extension, the District shall restore the City Property to the condition it was in prior to commencement of construction, within sixty (60) days of the Deadline, as the same may be extended. The District shall discharge, by bond or otherwise, any mechanic's or materialmen's lien filed against the City Property for work claimed to have been performed for, or materials claimed to have been furnished to, the District, within twenty (20) days after the filing thereof, at the District's sole cost and expense.

5. Ownership of Additional District Improvements; Disposal of Property. All Additional District Improvements constructed and installed on the District Property shall automatically and immediately be owned by the District, and all Additional District Improvements

constructed and installed on the City Property shall be automatically and immediately owned by the District for the term of the Agreement but shall be surrendered to the City free and clear upon the termination of the Agreement.

6. **Contractor Supervision**. The District will require its contractor to confine said contractor's construction activity to that portion of the City Property on which the Additional District Improvements are to be constructed in accordance with the Site Plan. The District's contractor must secure the construction site in accordance with sound construction practices. Except as provided in Section 9 below, no construction activity shall take place outside of that portion of the City Property on which the Additional District Improvements are to be constructed in accordance with the Site Plan unless the District's contractor coordinates such activity with City Staff prior to commencement of such activity.

7. **Standards**. The District shall provide the City with copies of the plans and specifications for construction of all improvements constituting a part of the Additional District Improvements for approval. Within fifteen (15) business days after its receipt of such plans and specifications, the City shall notify the District in writing of its approval thereof or of any items reasonably disapproved by the City. The District shall cause the plans and specifications to be revised to address the items reasonably disapproved by the City and shall submit revised plans and specifications to the City within fifteen (15) business days of receipt of the City's disapproval. The process shall be repeated until the plans and specifications are approved (the **"Approved Plans"**); provided, however, that the City shall not unreasonably withhold or delay its approval. The City's rights of approval under this Section 7 are intended solely to enable the City to protect its interest in the City Property. No such rights shall be construed to create any obligation of the City to any person that is not a party to the Agreement, and the City shall have no liability to any such person with respect to the City's approval or disapproval of any matter under this Section 7.

8. **Easement for District Improvements**. The City hereby grants and conveys to the District a non-exclusive easement, coterminous with the term of this Agreement, over, under, through, across and upon the City Property for the purpose of construction, installation, location, repair, maintenance and replacement of the Additional District Improvements located within the City Property (the **"Easement"**). The Easement shall be for the benefit of the District Property and for the use of the City Property by the District and the District's successors and permitted assigns.

9. **Construction Easement**. The City hereby grants to the District a temporary construction easement (**"Construction Easement"**) over that certain real property owned by the City located immediately adjacent to the City Property (the **"Construction Easement Area"**) for the purpose of constructing the Additional District Improvements on the City Property. The Construction Easement shall continue until all construction work on the Additional District Improvements has been completed and accepted by the District, but in all events the Construction Easement shall terminate no later than December 31, 2022. Upon termination of the Construction Easement, the District will restore the Construction Easement Area to its pre-existing condition, to the extent reasonably practical.

10. **Construction**. Any damage to the City Property, including damage to turf, fencing, irrigation systems, etc., both within and outside the Construction Easement Area, that is caused by construction activities undertaken pursuant to this First Amendment shall be repaired and returned to its original condition by the District. The City understands that City irrigation systems may need to be temporarily turned off during construction. The District and its

contractors will use commercially reasonable efforts to have the irrigation systems turned back on as soon as reasonably possible to mitigate damage to the turf located on the City Property.

11. **City Contribution**. Within sixty (60) days after receipt of notification from the District that Completion of Construction (as hereinafter defined) of the Additional District Improvements has occurred, the City shall pay to the District the sum of $250,000.00 (the **"City Contribution"**). The City's obligation to pay the City Contribution shall be conditioned upon the District having (a) complied with the terms and conditions of the Agreement, as amended by this First Amendment, such that no event of default shall have occurred and be outstanding; (b) delivered to the City a written certification executed by the District, certifying that the Additional District Improvements have been completed in accordance with the Approved Plans and supporting documentation evidencing that the Additional District Improvements were constructed in compliance with all applicable public bidding and public notice requirements; and (c) delivered to the District supporting documentation evidencing that all contractors, subcontractors and material suppliers providing services or materials in connection with the construction of the Additional District Improvements have been paid in full and that there are no liens or encumbrances on either the City Property or the District Property due to nonpayment. In no event shall the amount payable by the City pursuant to this Agreement exceed the amount of the City Contribution.

12. **Agreement Subject to Appropriation**. The City's obligations with respect to payment of funds pursuant to this First Amendment are subject to and governed by the provisions of Section 5 of the Agreement.

13. **Maintenance**. Upon completion of the construction of the Additional District Improvements, and as consideration for the rights to use the City Property granted to the District in this First Amendment, the District shall be responsible, at its sole cost and expense, for the maintenance and repair, in good condition, of the Additional District Improvements and furthermore agrees to regularly mow and trim the grass area located adjacent thereto on the City Property. The City shall continue to be responsible for providing irrigation, irrigation systems repair and replacement and maintenance of fixtures and lighting on the City Property. The party using the City Property shall be responsible, at the responsible party's sole cost and expense, for general cleanup after any use of the City Property.

14. **Use of and Access to Additional District Improvements**. The rights of the City and the District with respect to the use of and access to all of the Additional District Improvements (whether located on the City Property or on the District Property and including, without limitation, the District gymnasium) shall be governed by the provisions of Sections 7, 8 and 9 of the Agreement. The provisions of Section 10 of the Agreement regarding annual review of the parties' shared use of the District Improvements shall also be applicable to the Additional District Improvements constructed pursuant to this First Amendment.

15. **Indemnification and Insurance**.

(a) **Indemnification**. To the fullest extent permitted by law, the District, its successors, assigns, and guarantors, must defend, indemnify, and hold harmless the City, its agents, representatives, officers, directors, officials, and employees for, from and against all allegations, demands, proceedings, suits, actions, claims, damages, losses, expenses, including but not limited to, attorney fees, court costs, and the cost of appellate proceedings, and all claim adjusting and handling expense, related to, arising from or out of, or resulting from any act or omission, negligence, recklessness, or intentional wrongful conduct by District in the performance

of this First Amendment, including but not limited to, any subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable and any injury or damages claimed by any of the District's and subcontractor's employees.

(b) Insurance Requirements.

i) At the same time as the execution of this First Amendment, the District will furnish the City with a certificate of insurance on a standard insurance industry ACORD form. The ACORD form must be issued by an insurance company authorized to transact business in Arizona.

ii) The District, its contractor and its consultants must procure and maintain, until all of their obligations have been discharged, insurance against claims for injury to persons or damage to property, which may arise from or in connection with the performance of the work to construct and install the Additional District Improvements and any other work under this Agreement (**"Work"**) by the District, its agents, representatives, employees or contractors. If any Work under this Agreement is contracted out by the District, the District must execute a written agreement with its contractor containing the same indemnification clause and insurance requirements stated in this Agreement protecting the City and the District. The District will be responsible for executing the agreement with its contractor and obtaining Certificates of Insurance verifying the insurance requirements.

iii) The insurance requirements are minimum requirements for this Agreement and in no way limit the indemnity covenants contained in this Agreement.

iv) The City in no way warrants that the minimum limits contained in this Agreement are sufficient to protect the District from liabilities that might arise out of the performance of the Work under this Agreement by the District, its agents, representatives, employees, contractor or consultants, and the District is free to purchase any additional insurance as may be deemed necessary.

(c) Minimum Scope and Limits of Insurance.

i) **Commercial General Liability - Occurrence Form Commercial General Liability**: The District must maintain "occurrence" form Commercial General Liability insurance with a limit of not less than $1,000,000 for each occurrence, $2,000,000 Products and Completed Operations Annual Aggregate, and a $2,000,000 General Aggregate limit. The General Liability/General Aggregate Limit must be a Per Location General Aggregate. The policy must cover liability arising from premises, operations, independent contractors, and personal injury and advertising injury. If any Excess insurance is utilized to fulfill the requirements of this paragraph, the Excess insurance must be "follow form" equal or broader in coverage scope than underlying insurance. The insurance coverage of the party performing the Work must be primary insurance with respect to the City, its officers, officials, agents, and employees. Any insurance or self-insurance maintained by the District, its officers, officials, agents, and employees must be in excess of the coverage provided by the contractor for the District and must not contribute to it.

ii) The insurance of the party performing the Work must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

iii) Coverage provided by the party performing the Work must not be limited to the liability assumed under the indemnification provisions of this Agreement.

iv) The policies must contain a waiver of subrogation against the City, its officers, officials, agents, and employees, for losses arising from Work performed by the contractor for the District.

v) The party performing the Work, its successors, and/or assigns are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of 3 years following completion and acceptance of the Work. The party performing the Work must submit a Certificate of Insurance evidencing Commercial General Liability insurance during this 3-year period containing all the insurance requirements from this Agreement, including naming the City, its agents, representatives, officers, directors, officials, and employees as Additional Insured as required.

16. **Relationship of the Parties**. The parties acknowledge and agree that each party will act in its individual capacity and not as an agent, employee, partner, joint venture or associate of the other. An employee or agent of one party shall not be deemed or construed to be the employee or agent of the other for any purpose whatsoever.

17. **Further Assurances**. Each party agrees to perform such other and further acts and to execute and deliver such additional agreements, documents, affidavits, certifications, acknowledgments and instruments as the other party may reasonably require to consummate, evidence, confirm or carry out the matters contemplated by this First Amendment.

18. **Intergovernmental Agreement**. This First Amendment is made pursuant to A.R.S. Section 11-951, et seq., but is intended to be effective between the parties regardless of the application of such statutes. Within ten (10) days after the execution of this First Amendment, the City and the District shall cause this Amendment to be recorded in the office of the Maricopa County Recorder.

19. **Conflicts of Interest**. Each party acknowledges that the other has the statutory right for three (3) years to cancel this First Amendment if, while this First Amendment or any extension is in effect, any person significantly involved in negotiation, drafting or securing this Amendment on behalf of a party is (a) an employee or agent of the other party in any capacity, or (b) a consultant to the other party with respect to the subject matter of this First Amendment, all as provided in A.R.S. Section 38-511.

20. **References**. On and after the date on which this First Amendment becomes effective, the terms "this agreement," "hereof," "hereunder" and terms of like import, when used herein or in the Agreement shall, except where the context otherwise requires, refer to the Agreement, as amended by this First Amendment.

21. **Counterparts**. This First Amendment may be executed in any number of counterparts, each of which shall be deemed an original and all of which, taken together, constitute one and the same instrument. Executed signature pages to this First Amendment may be delivered by electronic means attached as a .PDF with the same force and effect as if original signature pages had been delivered to each of the parties hereto.

IN WITNESS WHEREOF, this First Amendment is made as of the date first above stated.

BUCKEYE ELEMENTARY SCHOOL DISTRICT, NO. 33 OF MARICOPA COUNTY, ARIZONA ("'District")

_____

By_____

Its_____

INTERGOVERNMENTAL AGREEMENT DETERMINATION

As attorney for BUCKEYE ELEMENTARY SCHOOL DISTRICT NO. 33 OF MARICOPA COUNTY, ARIZONA, I have reviewed this document and determined that it is in proper form and it is within the powers and authority granted under the laws of this State to such public body.

_____

CITY OF BUCKEYE, an Arizona municipal corporation ("City")

ATTEST:

Eric W. Orsborn, Mayor

Lucinda J. Aja, City Clerk

INTERGOVERNMENTAL AGREEMENT DETERMINATION

In accordance with the requirements of A.R.S. § 11-952(D), the undersigned attorney for CITY OF BUCKEYE, an Arizona municipal corporation, acknowledges that (i) she has reviewed this document on behalf of her client and (ii) as to her to client only, has determined that it is in proper form and it is within the powers and authority granted under the laws of the State of Arizona to the City of Buckeye.

Shiela B. Schmidt, City Attorney

EXHIBIT A
Legal Description and Depiction of City Property

LEGAL DESCRIPTION FOR TOWN OF BUCKEYE PROPERTY

LOTS 1 AND 3, BLOCK 2 OF BUCKEYE, A SUBDIVISION RECORDED IN BOOK 22 OF MAPS, PAGE 6, RECORDS OF MARICOPA COUNTY, ARIZONA, LOCATED IN A PORTION OF THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 WEST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1, BLOCK 2 OF SAID BUCKEYE;
THENCE SOUTH 00°04'51" WEST (BASIS OF BEARINGS) ALONG THE EAST LINE OF SAID LOTS 1 AND 3 AND ALONG THE WEST RIGHT-OF- WAY LINE OF 6TH STREET (MAIN STREET), A DISTANCE OF 100.45 FEET;
THENCE NORTH 89°56'58" WEST ALONG THE SOUTH LINE OF SAID LOT 3, A DISTANCE OF 163.20 FEET TO THE SOUTHWEST CORNER OF LOT 3, BLOCK 2 OF SAID BUCKEYE;
THENCE NORTH 00°03'07" EAST ALONG THE WEST LINE OF SAID LOTS 1 AND 3, A DISTANCE OF 100.42 FEET TO THE NORTHWEST CORNER OF LOT 1 OF SAID BLOCK 2;
THENCE SOUTH 89°57'34" EAST ALONG THE SOUTH LINE OF MONROE AVENUE, A DISTANCE OF 163.25 FEET TO THE **POINT OF BEGINNING**.

CONTAINING 0.3763 ACRES OR 16,393 SQ. FT., MORE OR LESS.

PREPARED BY OR UNDER THE DIRECTION OF



RUSSELL A. JOHNSON R.L.S.
ARIZONA. REG. NO. 22265

BUCKEYE ELEMENTARY SCHOOL.
H-R #0905-11

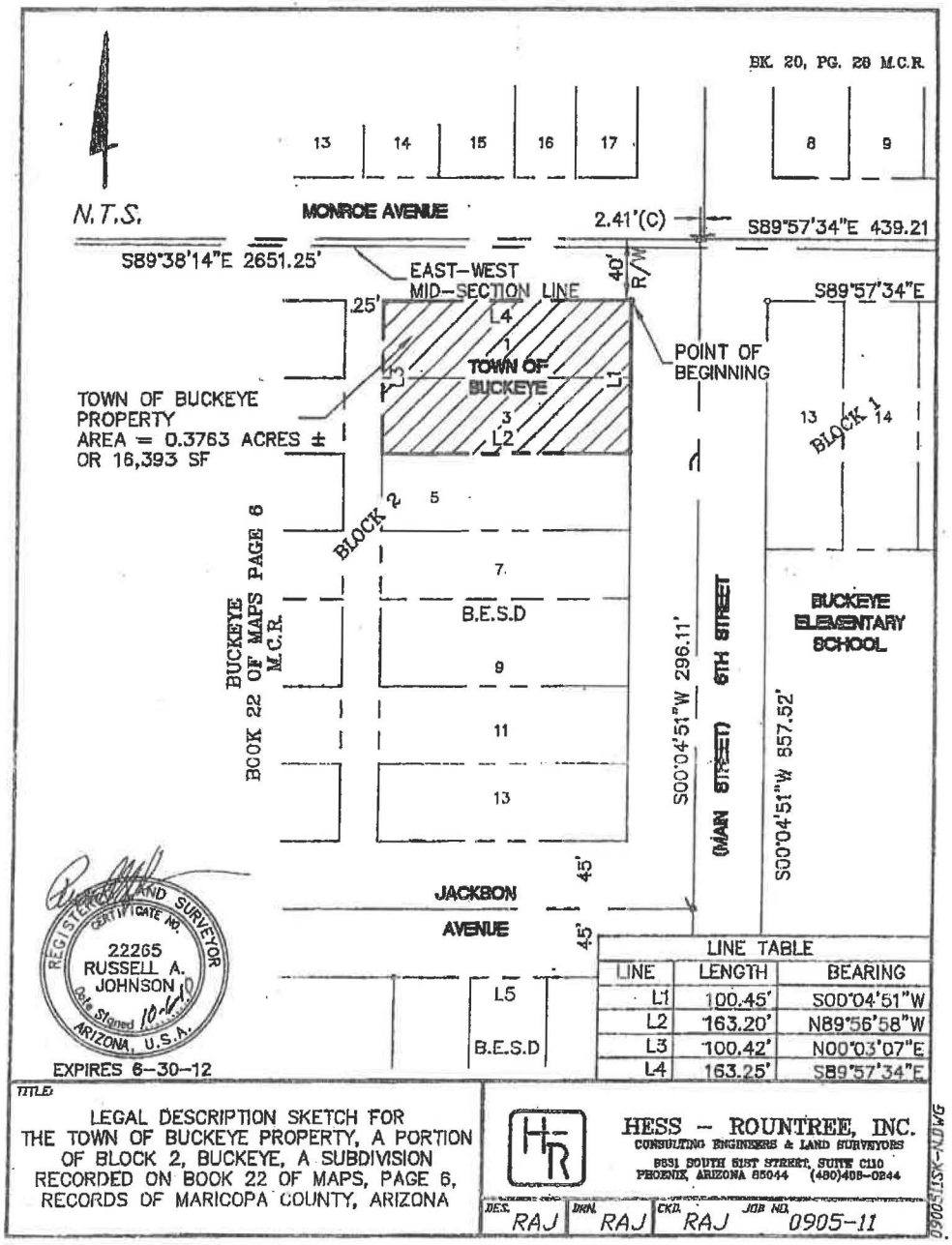

BK. 20, PG. 28 M.C.R.
13
14
15
16
17
8
9
N.T.S.
MONROE AVENUE
2.41'(C)
S89°57'34"E 439.21
S89°38'14"E 2651.25'
EAST-WEST MID-SECTION LINE
40' R/W
S89°57'34"E
25'
L4
1
TOWN OF BUCKEYE
L3
L1
POINT OF BEGINNING
TOWN OF BUCKEYE PROPERTY
AREA = 0.3763 ACRES ±
OR 16,393 SF
3
L2
13
BLOCK 1
14
BLOCK 2
5
7
B.E.S.D
9
11
13
BUCKEYE BOOK 22 OF MAPS PAGE 6 M.C.R.
S00°04'51"W 296.11'
6TH STREET (MAIN STREET)
S00°04'51"W 857.52'
BUCKEYE ELEMENTARY SCHOOL
45'
JACKBON AVENUE
45'
L5
B.E.S.D
REGISTERED LAND SURVEYOR
CERTIFICATE NO.
22265
RUSSELL A. JOHNSON
Date Signed 10-6-10
ARIZONA, U.S.A.
EXPIRES 6-30-12
LINE TABLE
LINE | LENGTH | BEARING
L1 | 100.45' | S00°04'51"W
L2 | 163.20' | N89°56'58"W
L3 | 100.42' | N00°03'07"E
L4 | 163.25' | S89°57'34"E
TITLE:
LEGAL DESCRIPTION SKETCH FOR THE TOWN OF BUCKEYE PROPERTY, A PORTION OF BLOCK 2, BUCKEYE, A SUBDIVISION RECORDED ON BOOK 22 OF MAPS, PAGE 6, RECORDS OF MARICOPA COUNTY, ARIZONA
HESS – ROUNTREE, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
8631 SOUTH 51ST STREET, SUITE C110
PHOENIX, ARIZONA 85044 (480)403-0244
DES. RAJ
DRN. RAJ
CKD. RAJ
JOB NO. 0905-11
0905\11SK-ALD.WG

EXHIBIT B
Site Plan

SITE PLAN

BUCKEYE ELEMENTARY SCHOOL DISTRICT

Buckeye Elementary Stage Expansion

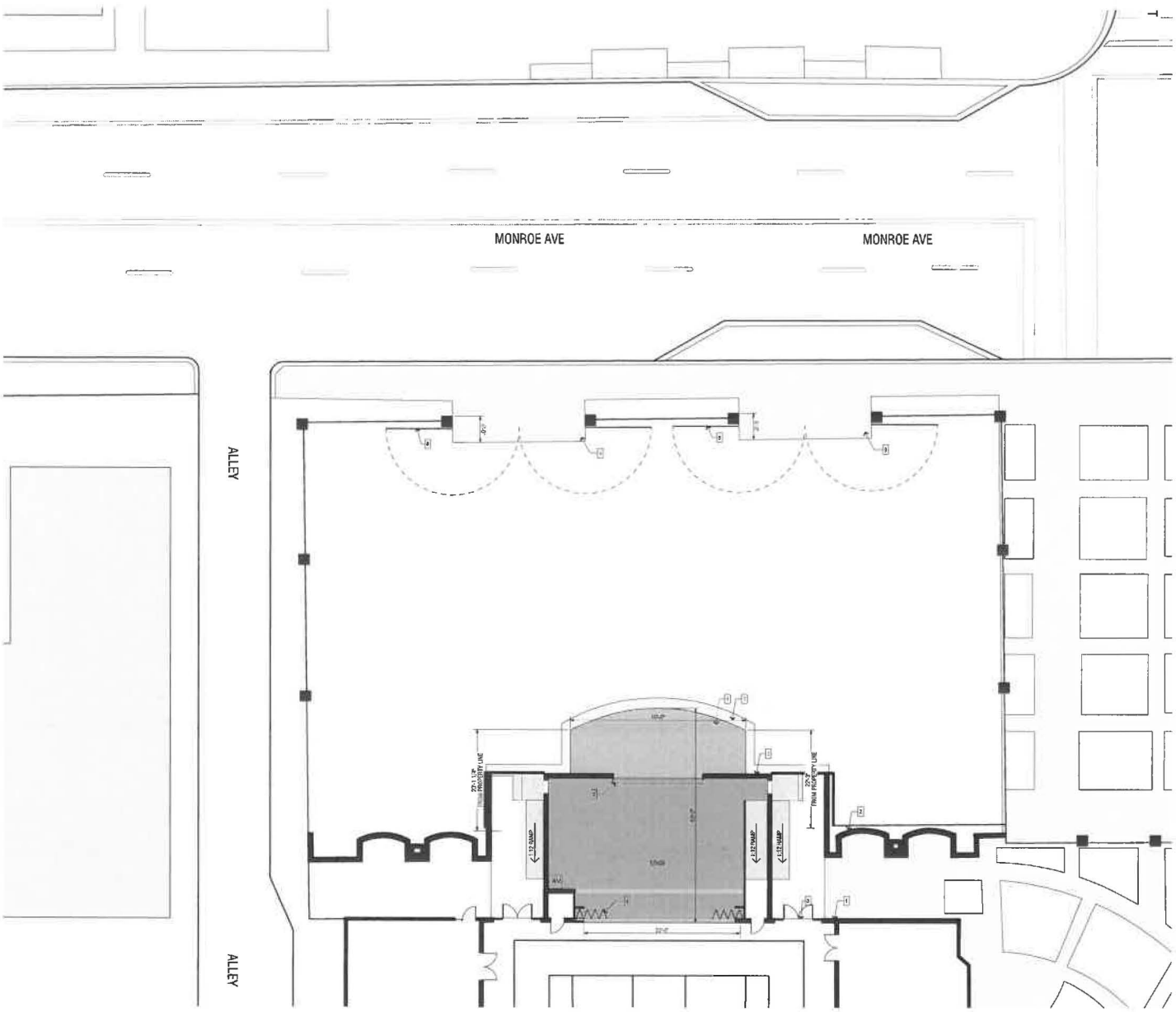
schematic site plan

orcutt|winslow

SD 1

orcutt | winslow

SD 2



SITE PLAN
SCALE: 3/32" = 1'-0"
NORTH

FLOOR PLAN KEYNOTES:

1. Existing walls, doors, and windows.
2. Existing site walls.
3. New walls, doors, and windows.
4. STC 45 folding door.
5. Overhead roller style door
6. Exterior stage slab extension.
7. Perimeter pervious surface
8. 15 ft swing gate
9. New concrete pad

site plan

BUCKEYE ELEMENTARY SCHOOL DISTRICT

Buckeye Elementary Stage Expansion