



LIVE OAK CITY COUNCIL

REGULAR MEETING AGENDA APRIL 5, 2023 6:00 PM

MEETING LOCATION
LIVE OAK COUNCIL CHAMBERS
9955 LIVE OAK BOULEVARD
LIVE OAK, CALIFORNIA 95953

MEMBERS OF THE COUNCIL

BOB WOTEN, MAYOR
JERAMY CHAPDELAIN, VICE MAYOR
LAKHVIR GHAG, COUNCILMEMBER
ASHLEY HERNANDEZ, COUNCILMEMBER
NANCY SANTANA, COUNCILMEMBER

AARON PALMER,
CITY MANAGER

NICOLE ROSSER,
CITY ATTORNEY

The Council may take up any agenda item at any time, regardless of the order listed. Action may be taken on any item on this agenda. Materials related to an item on this Agenda submitted to the Council after distribution of the agenda packet are available for public inspection at City Hall, 9955 Live Oak Boulevard, Live Oak, during normal business hours. Such documents are also available on the City of Live Oak's website at www.liveoakcity.org, subject to staff's availability to post the documents before the meeting.

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the City Clerk's office at (530) 695-2112 x107. Requests must be made at least 24 hours in advance.

- **Remote Viewing:**

- Members of the public can view a livestream of the meeting online at https://liveoakca.granicus.com/ViewPublisher.php?view_id=1.
- Members of the public can access the Zoom webinar as follows:
 - **Join by Electronic Device:**
<https://us02web.zoom.us/j/82945116870>
 - **Join by Phone:**
1-669-900-6833 or 1-833-548-0282 (Toll Free)
Webinar ID: 829 4511 6870

- **Public Comment:** Members of the public can submit general public comments, as well as comment on specific agenda items in the following ways:
 - **Public Attendance:** Members of the public who attend in person may make comments from the Council Chamber podium.

- **Live Remote Public Comment:** Members of the public can submit a live remote public comment by:
 - *Joining the virtual Council meeting via the link below. When public comment is opened, raise your virtual hand and be called upon to speak for up to 3 minutes.*

<https://us02web.zoom.us/j/82945116870>
 - *Joining the virtual Council meeting by calling the phone number below. When public comment is opened, dial *9 to raise your hand and be called upon to speak for up to 3 minutes.*

1-669-900-6833 or 1-833-548-0282 (Toll Free)
Webinar ID: 829 4511 6870
 - **Email Public Comment:** Comments from the public on agenda items will be accepted until 1:00 pm on the date of the meeting, via email to the City Clerk at cmenchaca@liveoakcity.org. Comments will be distributed to Council prior to the meeting and attached to the minutes. Please note that emailed comments will NOT be read aloud by staff during the meeting.
 - **eComment Feature:** Comments from the public on agenda items will be accepted until 1:00 pm on the date of the meeting, via the eComment feature at https://liveoakca.granicus.com/ViewPublisher.php?view_id=1. Comments will be distributed to Council prior to the meeting and attached to the minutes. Please note that eComments will NOT be read aloud by staff during the meeting.
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CALL TO ORDER**ROLL CALL****PLEDGE OF ALLEGIANCE AND INVOCATION****CORRECTIONS AND/OR CHANGES TO THE AGENDA BY CITY MANAGER ONLY****PRESENTATIONS AND RECOGNITIONS**

- A. Child Abuse Prevention Month Proclamation
- B. Sheriff Brandon Barnes Update on the Maple Park Incident

PUBLIC COMMENT

Any person wishing to address the City Council on general jurisdictional matters or consent calendar items may do so at this time. If you are commenting on an agenda item, your comments will be heard at the time that item is scheduled for discussion. The City Council adopted a time limit of three minutes per person. The Brown Act does not allow for Council discussion of items not on the agenda. Councilmembers may only a) refer the matter to staff; b) ask for additional information; c) request a report back; or d) provide a limited factual response for items not listed on the agenda.

CONSENT ITEMS

Consent Calendar is passed by one motion with exceptions and separate votes as noted.

1. City Council Meeting Minutes
Recommendation: Approve the March 8, 2023, City Council Special Meeting minutes.
(Clarissa Menchaca, City Clerk)
2. City Council Meeting Minutes
Recommendation: Approve the March 15, 2023, City Council Regular Meeting minutes.
(Clarissa Menchaca, City Clerk)
3. Approval to Apply for Possible Future Purchase of a Type 1-2 Fire Apparatus
Recommendation: Approve to apply for possible future purchase of a Type 1 reserve engine from the Office of Emergency Services (CalOES) through their State Assistance for Fire Equipment Act (S.A.F.E.) program and authorize the City Manager to sign the resale contract.
(Rich Epperson, Battalion Chief)
4. Sutter County Planning Commissioner Appointment
Recommendation: Confirm the appointment of Live Oak Planning Commissioner Jerry Stewart to the Sutter County Planning Commission.
(Kevin Valente, Planning Director)
5. Live Oak 2022 Housing Element Annual Progress Report
Recommendation: Receive and file the 2022 Housing Element Annual Progress Report.
(Kevin Valente, Planning Director)

6. Purchase of a New Water Utility Service Truck
Recommendation: Authorize the purchase of a new utility service truck to be used in the Water Department from Larry Geweke Ford for \$48,447.14.
(Ron Walker, Public Works Director)
7. Public Works Projects Update
Recommendation: Receive and file.
(Ron Walker, Public Works Director)
8. Approval of Sewer Pump Repairs
Recommendation: Approve sewer pump repairs.
(Ron Walker, Public Works Director)
9. Adopt Resolution Establishing Salary and Benefits for the Unrepresented Full-Time Employees
Recommendation: Adopt resolution establishing salary and benefits for the Unrepresented Full-Time Employees.
(Aaron Palmer, City Manager)

DISCUSSION ITEMS

10. Live Oak Planning Commission Organization
Recommendation: Discuss the current organizational structure of the Live Oak Planning Commission.
(Kevin Valente, Planning Director)

BUSINESS ITEMS

11. Discussion and Possible Action Regarding the City's Entry Signs
Recommendation: Discussion and possible action regarding the City's entry signs.
(Aaron Palmer, City Manager)

ITEMS REMOVED FROM THE CONSENT AGENDA FOR COUNCIL CONSIDERATION AND ACTION**UPDATES AND ANNOUNCEMENTS FROM THE CITY ATTORNEY AND CITY MANAGER****COUNCILMEMBER COMMENTS****CLOSED SESSION**

After the Closed Session the City Council will leave the Council Chambers and the meeting will be adjourned by operation of law due to lack of a quorum. If there is any reportable Closed Session Action, a report will be made at the beginning of the next regular Council meeting. After the Closed Session Item descriptions are read by the City Attorney, all members of Council, applicable Consultants and Staff are asked to join the Closed Session meeting.

12. Conference with Real Property Negotiators Pursuant to Government Code Section 54956.8:

Property Description:	5625 Larkin Road, Live Oak, CA 95953; APN 10-150-003
City Negotiator:	Aaron Palmer
Negotiating Parties:	Sutter Buttes Nursery
Negotiations:	Price and terms

ADJOURNMENT



**City of Live Oak
Report to City Council**

Meeting Date: April 5, 2023
Title: Child Abuse Prevention Month
Attachments:

[Proclamation](#)



Proclamation

Child Abuse Prevention Month April 2023

WHEREAS, the tragedy of child abuse and neglect affects every community in California and touches the lives of far too many citizens regardless of cultural, ethnic, religious or socioeconomic level; and

WHEREAS, the threat to our children’s welfare is demonstrated by steady increases in the number and in the seriousness of reported cases of child abuse and neglect; and

WHEREAS, if our children are to be productive adults, they should have the right to a childhood free from neglect, physical abuse, sexual molestation, and exploitation; and

WHEREAS, it is recognized that primary prevention programs designed to work with children themselves, their parents, and care givers within the community are successful in preventing first time abuse situations; and

WHEREAS, early identification and intervention are essential to successfully interrupting the generational cycle of abuse and neglect. Collaboration among professionals, concerned parents, volunteers and policy makers can help reduce the level of child abuse and neglect in our communities; and

WHEREAS, dedicated volunteers and professionals are working to decrease the incidence of child abuse through prevention programs and coordination among agencies delivering services to child abuse victims and their families; and

WHEREAS, the observance of Child Abuse Prevention Month provides an excellent opportunity for all citizens to reflect on this tragic crime, while rededicating themselves to taking an active role in the child abuse prevention activities in their community.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Live Oak, California does hereby proclaim April 2023 as Child Abuse Prevention Month in the City of Live Oak and encourages all residents to join with local community efforts in keeping all children “Safe, Strong, and Free”.

Dated this 5th day of April, 2023.

Bob Woten, Mayor

Jermay Chapdelaine, Vice Mayor

Lakhvir Ghag, Council Member

Ashley Hernandez, Council Member

Nancy Santana, Council Member



**City of Live Oak
Report to City Council**

Meeting Date:

April 5, 2023

Title:

Sheriff Brandon Barned Update on the Maple Park Incident



**City of Live Oak
Report to City Council**

Meeting Date: April 5, 2023

Title: City Council Meeting Minutes

Contact Information: Clarissa Menchaca, City Clerk

Recommendation: Approve the March 8, 2023 City Council Special Meeting Minutes.

Attachments:

[Minutes](#)



LIVE OAK CITY COUNCIL

SPECIAL MEETING MINUTES MARCH 8, 2023 6:00 PM

MEETING LOCATION
LIVE OAK COUNCIL CHAMBERS
9955 LIVE OAK BOULEVARD
LIVE OAK, CALIFORNIA 95953

MEMBERS OF THE COUNCIL

BOB WOTEN, MAYOR
JERAMY CHAPDELAINE, VICE MAYOR
LAKHVIR GHAG, COUNCILMEMBER
ASHLEY HERNANDEZ, COUNCILMEMBER
NANCY SANTANA, COUNCILMEMBER

AARON PALMER,
CITY MANAGER

NICOLE ROSSER,
CITY ATTORNEY

CALL TO ORDER

Meeting called to order by Mayor Woten at Live Oak City Council Chambers, 9955 Live Oak Boulevard, Live Oak, CA at 6:07 pm.

ROLL CALL

Present: Councilmembers Hernandez, Santana, Vice Mayor Chapdelaine, and Mayor Woten

Absent: Councilmember Ghag

PLEDGE OF ALLEGIANCE AND INVOCATION

Vice Mayor Chapdelaine led the Pledge of Allegiance. Councilmember Hernandez delivered the invocation.

PUBLIC COMMENT

Public Comment was opened and closed without any speakers.

DISCUSSION ITEMS

1. Goal Setting Workshop
Aaron Palmer, City Manager

Aaron Palmer, City Manager, introduced the item.

*Clerk's Note: Councilmember Ghag arrived at 6:46 pm.

Luis Cibrian, Parks and Recreation Director; Lieutenant Raj Gill; Battalion Chief Rich Epperson; Scott Rolls, City Engineer; and Ron Walker, Public Works Director, provided reports to the Council.

Public Comment was opened and closed without any speakers.

Council action: Provided direction to staff.

ADJOURNMENT

Adjourned the meeting at 8:36 pm.

Bob Woten, Mayor

ATTEST:

Clarissa Menchaca, City Clerk



**City of Live Oak
Report to City Council**

Meeting Date: April 5, 2023
Title: City Council Meeting Minutes
Contact Information: Clarissa Menchaca, City Clerk
Recommendation: Approve the March 15, 2023 City Council Regular Meeting minutes.
Attachments:

[Minutes](#)



LIVE OAK CITY COUNCIL

MINUTES
MARCH 15, 2023
6:00 PM

MEMBERS OF THE COUNCIL

BOB WOTEN, MAYOR
JERAMY CHAPDELAINE, VICE MAYOR
LAKHVIR GHAG, COUNCILMEMBER
ASHLEY HERNANDEZ, COUNCILMEMBER
NANCY SANTANA, COUNCILMEMBER

AARON PALMER,
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CALL TO ORDER

Meeting called to order by Mayor Woten at Live Oak City Council Chambers, 9955 Live Oak Boulevard, Live Oak, CA at 6:07 pm.

ROLL CALL

Present: Councilmembers Hernandez, Santana, Ghag, Vice Mayor Chapdelaine, and Mayor Woten

PLEDGE OF ALLEGIANCE AND INVOCATION

Councilmember Ghag led the Pledge of Allegiance. Vice Mayor Chapdelaine delivered the invocation.

CORRECTIONS AND/OR CHANGES TO THE AGENDA BY CITY MANAGER ONLY

Item 3 – *Introduction of an Ordinance Amending Chapter 2.04 “Rules and Regulations Governing the Conduct of Council Meetings, Proceedings and Business”* – This item was removed from the agenda in its entirety and will return at a future meeting.

PRESENTATIONS AND RECOGNITIONS

PUBLIC COMMENT

Public Comment was opened and closed without any speakers.

CONSENT ITEMS

Consent Calendar is passed by one motion with exceptions and separate votes as noted.

MOTION: APPROVE THE CONSENT AGENDA.
(MOTION: GHAG; SECOND: CHAPDELAINE)

VOTE: MOTION PASSED UNANIMOUSLY

1. City Council Meeting Minutes
Clarissa Menchaca, City Clerk
Council action: March 1, 2023, City Council Regular Meeting minutes approved.

BUSINESS ITEMS2. Yuba-Sutter Economic Development District 2020 CEDS Appendices I, IV, and V Updates and 2022 CEDS Annual Performance and Evaluation

Brynda Stranix, District Director, Yuba-Sutter Economic Development District

Brynda Stranix, District Director, introduced the item.

Cynthia Roderick, Grant Specialist, provided a report for the Council.

Public Comment was opened and closed without any speakers.

MOTION: ADOPT RESOLUTION APPROVING THE 2022 COMPREHENSIVE ECONOMIC DEVELOPMENT PERFORMANCE REPORT AND THE UPDATED APPENDICES I, IV, AND V AND AUTHORIZE ITS SUBMITTAL TO THE UNITED STATES DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATION AS SET OUT IN THE RESOLUTION.
(MOTION: SANTANA; SECOND: GHAG)

VOTE: MOTION PASSED UNANIMOUSLY

Reference Resolution No. 06-2023.

3. Introduction of an Ordinance Amending Chapter 2.04 “Rules and Regulations Governing the Conduct of Council Meetings, Proceedings and Business”

Nicole Rosser, City Attorney

This item was removed from the agenda in its entirety and will return at a future meeting.

DISCUSSION ITEMS4. Goal Setting Workshop

Aaron Palmer, City Manager

Aaron Palmer, City Manager, and Kevin Valente, Planning Director, provided a report for the Council.

Public Comment was opened and closed without any speakers.

Council action: Provided direction to staff.

ITEMS REMOVED FROM THE CONSENT AGENDA FOR COUNCIL CONSIDERATION AND ACTION

There were no items removed from the Consent Agenda for Council consideration and action.

UPDATES AND ANNOUNCEMENTS FROM THE CITY ATTORNEY AND CITY MANAGER

There were no updates from the City Attorney and City Manager.

COUNCILMEMBER COMMENTS

Councilmember Hernandez announced the March 11, 2023, SAYLove event was cancelled due to the weather. There is a future SAYLove project scheduled in the month of May.

Councilmember Santana touched on the Oroville Dam and evacuations due to flooding.

Councilmember Ghag highlighted his attendance at the Sutter Buttes Flood Control Agency meeting and the Yuba Sutter Mosquito and Vector Control District meeting. Additionally, Councilmember Ghag highlighted an upcoming meeting with Assemblyman Gallagher and Senator Nielsen as well as the Sacramento Area Council of Governments meeting.

Vice Mayor Chapdelaine discussed his attendance at the Sutter Local Agency Formation Commission meeting and the Sutter Yuba Homeless Consortium meeting.

ADJOURNMENT

Mayor Woten adjourned the meeting at 8:30 pm.

Bob Woten, Mayor

ATTEST:

Clarissa Menchaca, City Clerk



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Approval to Apply for Possible Future Purchase of a Type 1-2 Fire Apparatus
Contact Information:	Rich Epperson, Battalion Chief
Location:	Live Oak Fire Services
Background:	Live Oak has an aging fleet due to budgetary constraints over the past fiscal years and due to the age of reserve engine. The department spends approximately 35,000 per year in vehicle repairs. This department's only reserve apparatus reliability is in question, and this condition is causing it to be placed out of service routinely and unusable for extended periods of time. If this purchase is approved, this apparatus would replace the apparatus and lower the costs within the department. The apparatus requested from the state is a multipurpose engine and can be used for more than the current apparatus that is in service today. The OES engine will benefit the community's all risk emergency needs by exceeding the capabilities of the first responding engine and providing reliable emergency response equipment.
Fiscal Impacts:	The Fire Engine would come from equipment 10-5-1045-5703 and the remaining portion for the hoses and such from small tools and equipment 10-5-1045-5319.
Recommendation:	Approve to apply for possible future purchase of a Type 1 reserve engine from the Office of Emergency Services (CalOES) through their State Assistance for Fire Equipment Act (S.A.F.E.) program and authorize the City Manager to sign the resale contract.
Attachments:	

[Type I Engine S.A.F.E. Act -Surplus Fire Equipment](#)
[CalOES-Scoring Sheet Application](#)

Surplus Fire Equipment

S.A.F.E. Act – Surplus Fire Equipment

The California Governor's Office of Emergency Services (Cal OES) Fire & Rescue Division has Surplus Fire Apparatus available for purchase through the State Assistance for Fire Equipment Act (S.A.F.E. ACT) Program. These apparatus come with a standard complement of equipment excluding radios.

Regarding the Information System Network for Sellers and Buyers:

- All units are sold with varying amounts of firefighting equipment.
- Each unit is sold in operating condition, is roadworthy, and able to fight fire.
- Each engine is sold "AS-IS"; no warranties.

Fleet – SAFE Act

[Cal OES Information System Network](#)

Cal OES Information System Network for Sellers and Purchasers of Firefighting Apparatus and Equipment – Apr2015

[Cal OES Scoring Sheet](#)

Cal OES Scoring Sheet for Application to Purchase Fire Vehicle – 2019

Contact Information

Fleet Staff

Phone: TBD

Fire.Rescue.Fleet-Repairs@caloes.ca.gov

Application

If interested, please send your completed application to the Fleet Staff.

S.A.F.E. ACT ENGINES AVAILABLE

TYPE I ENGINES – YEAR 2000 – 2002/HME/WESTATES

1250/800









EQUIPMENT INVENTORY MAY INCLUDE BUT NOT GUARANTEED

- 1 - Adapter, 5" or 6" x 2-1/2", DF Hydrant
- 1 - Adapter, 5" or 6" x 4", DF Hydrant
- 1 - Adapter, 5" or 6" x 4-1/2", DF Hydrant
- 1 - Axe, Pickhead
- 2 - Block, Chock
- 2 - Cans, Fuel
- 5 - Cap, 2-1/2" Discharge
- 1 - Chain, Tow 25', w/Grab Hooks
- 1 - Clamp, Hose (Hebert)
- 2 - Coupling, 2-1/2", DF
- 2 - Coupling, 2-1/2", DM
- 1 - Crank, Hose Reel
- 1 - Cutter, Bolt, 30"
- 1 - Fire Extinguisher, 4# or 5#
- 1 - First Aid Kit
- 1 - Floto Pump, EMA #
- 1 - Generator, 3500 Kw
- 2 - Hammer, Sledge, 8-10 lb.
- 4 - Hose, 1" x 100', IPT
- 1 - Hose, 1-1/2" x 35', Truck Protection Line
- 12 - Hose, 1-1/2" x 50', NST
- 8 - Hose, 1-1/2" x 100', Forestry
- 24 - Hose, 3" x 50', NST
- 2 - Hose, Booster 1" x 100'
- 2 - Hose, Hard Suction 5" or 6" x 10'
- 1 - Hose, Soft Suction 5" or 6" x 12'
- 1 - Increaser, 1" IPF to 1-1/2" NSM
- 1 - Intercom Set
- 1 - Ladder, 10' Attic
- 1 - Ladder, 14' Roof
- 1 - Ladder, 24' Extension

- 1 – Lantern, Hand, 12 Volt
- 2 – Light, Halogen, 110 Volt
- 1 – Log Book, w/Credit Card
- 1 – Mallet, Rubber
- 1 – McCleod
- 2 – Nozzle, 1", Combination
- 4 – Nozzle, 1 ½", Combination
- 1 – Nozzle, Deluge Set w/Stream Straightener and Tips 1-3/8", 1-1/2", 1-3/4", 2"
- 1 – Nozzle, 1 ½", Foam, Air Aspiration
- 1 – Nozzle, 2 ½", Fog
- 2 – Nozzle, 2 ½", Shutoff w/Tips
- 1 – Cal EMA Operations/Maintenance Bulletins
- 1 – Pike Pole
- 1 – Pulaski
- 1 – Radek Kit
- 1 – Radio, Mobile Serial
- 1 – Radio, Serial
- 1 – Reflector Kit, 3-Unit
- 2 – Rope, 1/2" x 100'
- 1 – Shovel, Long Handle, Round Point
- 1 – Siamese, 2-1/2"
- 1 – Soft Suction Hose, 2-1/2" or 3" x 12'
- 1 – Strainer, 5" or 6" Suction Hose
- 4 – Strap, Hose and Ladder
- 2 – Wrench, Adjustable Hydrant
- 1 – Wrench, Hard Suction Hose Spanner
- 4 – Wrench, Hose Spanner
- 1 – Wye, Gated 2-1/2" NSF x 2-1 1/2" NSM

*****US&R INVENTORY:*****

- 1 – Axe, Flathead
- 1 – Backboard, w/4 Straps
- 4 – Bar, Pinch Point, Pry, 60"
- 2 – Bar, Claw, Wrecking, 3'
- 2 – Belt, Carpenter
- 3 – Blade, Hacksaw, High Speed, Package
- 2 – Blanket, Disposable
- 6 – Camming Device, (Prusik Loop or Gibbs Ascender)
- 12 – Carabiner, Locking, "D", 11 mm
- 1 – Chainsaw, w/ carbide chain and tool kit,
- 2 – Chisel, Cold, 1" x 7-7/8"
- 1 – Cribbing & Wedge Kit, (24 ea, 4" x 4" x 18", 2" x 4" x 18"; 12 pr, 4" x 4" x 18", 2" x 4" x 12" Wedges; Storage/Carry Containers)
- 2 – Edge Protectors
- 2 – Friction Device, (Fig. 8 w/Ears or Brake Bar Rack)
- 2 – Hacksaw
- 2 – Handsaw, Crosscut, 26"
- 2 – Hammer, Framing, 24 oz.
- 2 – Hammer, Sledge, 3-4 lb., Short
- 2 – Harness, Commercial (Class 2 or better)
- 2 – Jack, Hydraulic w/Handle (8 ton)
- 2 – Kernmantle, ½" x 150', Static, NFPA Approved
- 1 – Litter & Complete Pre-rig
- 1 – Marking Kit, Building
- 1 – Nails, (25 lbs. Each: 16p, 8p, 16p Duplex)
- 6 – Picket, Steel, 1" x 4'
- 3 – Pulley, Rescue (2" or 4")
- 1 – Shovel, Scoop, "D" Handle
- 1 – Shovel, Long Handle, Square Point
- 2 – Square, (Tri or Speed)
- 2 – Strap, Pick Off, w/"D" & "V" Rings
- 3 – Tape Measure, 25'
- 2 – Tape, Duct

- 1 – Trauma Kit
- 1 – Webbing Kit, (6 ea: 1"x5', 1"x12', 1"x15', 1"x20')
- 1 – Backpack, Thermo-Gel
- 1 – Nozzle/Eductor, Thermo-Gel
- 2 – Bucket, 5 Gal, Thermo-Gel



SCORING SHEET for **APPLICATION TO PURCHASE FIRE VEHICLE**

JURISDICTION (NAME & ADDRESS):	FIRE CHIEF OR DESIGNATED REPRESENTATIVE:
NAME	NAME
STREET ADDRESS	TITLE
CITY COUNTY ZIP	CONTACT PH #:

PLEASE CHECK ONE BOX FOR EACH OF THE FOLLOWING EIGHT QUESTIONS:

**OFFICE
USE
ONLY**

1. APPLICANT'S JURISDICTION IS PRIMARILY:	☐ RURAL AREA ☐ URBAN AREA	
2. APPLICANT'S JURISDICTION ENCOMPASSES THE FOLLOWING NUMBER OF PEOPLE:	☐ 1 TO 5,000 ☐ 5,001 TO 10,000 ☐ 10,001 TO 20,000 ☐ OVER 20,001	
3. APPLICANT CURRENTLY HAS THE FOLLOWING NUMBER OF FIRE ENGINES IN SERVICE:	☐ 0 TO 2 ☐ 3 TO 5 ☐ 6 TO 8 ☐ MORE THAN 8	
4. TYPE OF AGENCY PROVIDING FIRE PROTECTION SERVICE: (If "other", please specify)	☐ VOLUNTEER FIRE COMPANY (H&S Code 14825) ☐ FIRE DISTRICT - All Volunteer ☐ FIRE DISTRICT - Paid & Volunteer ☐ FIRE DISTRICT - All Paid ☐ OTHER	
5. DOES THE APPLICANT HAVE THE ABILITY TO ADEQUATELY SERVICE AND MAINTAIN THE VEHICLE?	☐ YES ☐ NO	
6. DOES THE APPLICANT HAVE FACILITIES TO HOUSE THE VEHICLE?	☐ YES ☐ NO	
7. APPLICANT'S REVENUE SOURCE IS: (If non-tax supported, explain mechanism for generating revenue)	☐ TAX SUPPORTED ☐ NON-TAX SUPPORTED	
8. METHOD OF PAYMENT:	☐ CASH PURCHASE	

NOTICE TO APPLICANT:

Submission of this application to the California Governor's Office of Emergency Services confers no commitment on either the applicant or the California Governor's Office of Emergency Services to purchase or sell any vehicle.

BY: _____ DATE: _____
(Fire Chief or Designated Representative)

SEND COMPLETED APPLICATION TO:

California Governor's Office of Emergency Services
Fire and Rescue Division
3650 Schriever Ave
Mather, CA 95655



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Sutter County Planning Commissioner Appointment
Contact Information:	Kevin Valente, AICP, Contract Planner
Location:	Citywide
Background:	Per the Sutter County Ordinance Code Section 72-020 (d) the Live Oak City Council shall nominate the seventh member of the Sutter County Planning Commission from among the members of the Live Oak Planning Commission.
Analysis:	On February 7, 2023, the Live Oak Planning Commission nominated Planning Commissioner Jerry Stewart to represent the City of Live Oak on the Sutter County Planning Commission for the year 2023. As per the By-Laws of Sutter County Planning Commission, Commissioner Stewart's appointment must also be confirmed by the Live Oak City Council. Therefore, Planning staff is recommending the Live Oak City Council confirm the appointment of Live Oak Planning Commissioner Jerry Stewart to represent the City of Live Oak on the Sutter County Planning Commission.
Fiscal Impacts:	None.
Recommendation:	Confirm the appointment of Live Oak Planning Commissioner Jerry Stewart to the Sutter County Planning Commission.



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Live Oak 2022 Housing Element Annual Progress Report
Contact Information:	Kevin Valente, AICP, Planning Director
Location:	Citywide
Background:	California requires each jurisdiction to prepare a Housing Element as part of its General Plan in order to ensure that all jurisdictions are planning for the projected housing demand throughout California. California Government Code Section 65400 requires that an Annual Progress Report ("APR") be prepared on the status and progress of implementation of the Housing Element and submitted to the City Council, the State Office of Planning and Research (OPR), and the California Department of Housing and Community Development (HCD) each year. The contents of the report are specified in state law, and include detailed reporting on planning approvals, building permits, and program implementation as specified in the Housing Element. The Live Oak 2022 Housing Element Annual Progress Report can be found in Attachment 1.
Analysis:	In the 2022 calendar year, 37 building permits were issued for residential projects, and 56 building permits were finalized for residential projects. All of the residential building permits issued and finalized were for single-family detached houses associated with the Garden Glen project.
Fiscal Impacts:	None.
Recommendation:	Receive and file the 2022 Housing Element Annual Progress Report.
Attachments:	

[Attachment 1_2022 Live Oak Housing Element APR](#)

Please Start Here

General Information	
Jurisdiction Name	Live Oak
Reporting Calendar Year	2022
Contact Information	
First Name	Kevin
Last Name	Valente
Title	Contract Planning Director
Email	kvalente@liveoakcity.com
Phone	9163726100
Mailing Address	
Street Address	9955 Live Oak Boulevard
City	Live Oak
Zipcode	95953

Optional: Click here to import last year's data. This is best used when the workbook is new and empty. You will be prompted to pick an old workbook to import from. Project and program data will be copied exactly how it was entered in last year's form and must be updated. If a project is no longer has any reportable activity, you may delete the project by selecting a cell in the row and typing ctrl + d.

[Click here to download APR Instructions](#)

Click here to add rows to a table. If you add too many rows, you may select a cell in the row you wish to remove and type ctrl + d.

3_6_23

Note: "+" indicates an optional field
Cells in grey contain auto-calculation formulas

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Jurisdiction	Live Oak	
Reporting Year	2022	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT Housing Element Implementation

This table is auto-populated once you enter your jurisdiction name and current year data. Past year information comes from previous APRs.
Please contact HCD if your data is different than the material supplied here

Table B														
Regional Housing Needs Allocation Progress														
Permitted Units Issued by Affordability														
		1		2									3	4
Income Level		RHNA Allocation by Income Level	Projection Period - 06/30/2021- 05/14/2021	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Units to Date (all years)	Total Remaining RHNA by Income Level
Very Low	Deed Restricted	73	-	-	-	-	-	-	-	-	-	-	-	73
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-	-	
Low	Deed Restricted	44	-	-	-	-	-	-	-	-	-	-	-	44
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-	-	
Moderate	Deed Restricted	87	-	-	-	-	-	-	-	-	-	-	-	87
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-	-	
Above Moderate		208	-	3	37	-	-	-	-	-	-	-	40	168
Total RHNA		412												
Total Units			-	3	37	-	-	-	-	-	-	-	40	372
Progress toward extremely low-income housing need, as determined pursuant to Government Code 65583(a)(1).														
		5											6	7
		Extremely low-income Need		2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Units to Date	Total Units Remaining
Extremely Low-Income Units*		37	-	-	-	-	-	-	-	-	-	-	-	37

*Extremely low-income housing need determined pursuant to Government Code 65583(a)(1). Value in Section 5 is default value, assumed to be half of the very low-income RHNA. May be overwritten.

Note: units serving extremely low-income households are included in the very low-income RHNA progress and must be reported as very low-income units in section 7 of Table A2. They must also be reported in the extremely low-income category (section 13) in Table A2 to be counted as progress toward meeting the extremely low-income housing need determined pursuant to Government Code 65583(a)(1).

Please note: For the last year of the 5th cycle, Table B will only include units that were permitted during the portion of the year that was in the 5th cycle. For the first year of the 6th cycle, Table B will only include units that were permitted since the start of the planning period. Projection Period units are in a separate column.

Please note: The APR form can only display data for one planning period. To view progress for a different planning period, you may login to HCD's online APR system, or contact HCD staff at apr@hcd.ca.gov.

ANNUAL ELEMENT PROGRESS REPORT

Housing Element Implementation

Jurisdiction		Live Oak	
Reporting Year		2022	
		(Jan. 1 - Dec. 31)	
Table D			
Program Implementation Status pursuant to GC Section 65583			
Housing Programs Progress Report			
Describe progress of all programs including local efforts to remove governmental constraints to the maintenance, improvement, and development of housing as identified in the housing element.			
1	2	3	4
Name of Program	Objective	Timeframe in H.E	Status of Program Implementation
1	Although the vacant land survey conducted as part of the housing element preparation, identified sufficient amount of vacant land to accommodate housing for all income groups for the city's share of the Regional Housing Needs Allocation (RHNA), the city will do the following to ensure the hosuing accomodation remains for the entire planning period: - The city will prepare applications for state planning grants and applications for state and federal project development grants to collect as much funding as possible. - Inform property owners and developers of regulatory and financial incentives through direct contacts with affordable housing providers in Live Oak, the distribution of a brochure explaining the city's residential property development standards at the city's permit counter and post of information on the city's web site, and mail to owners of recorded vacant and underutilized properties. - Use the flexible application of the zoning ordinance, including approval of minor variations from, or exceptions to, zoning standards (such as minimum lot dimension, parking, yard, or set- back requirements), when necessary, to permit financially feasible residential development. - The city will continue to conduct proactive outreach and assistance to non-profit service providers and developers, prioritizing funding for housing developments affordable to special needs households and offering financial incentives or regulatory concessions to encourage a variety of housing types. The city will identify, and if necessary rezone, sufficient sites to accommodate the shortfall and ensure "no net loss" in capacity to accommodate the remaining housing need for lower income households for the entire planning period.	31-Dec-23	The City of Live Oak is currently preparing the environmental review analysis for the rezone of approximately 8.87 acres for high density residential.

2	Investigate ways to encourage residential infill development on vacant and under-utilized lots in older sections of the city. Use the city's GIS system to provide information to the public concerning the supply of vacant and underutilized lots in the city, including commercial and retail sites with opportunities for mixed use and second floor residential. Apply for funding for state and federal planning and development grants to develop these sites to assist in accommodating a portion of the city's RHNA.	Ongoing	The City of Live Oak is currently preparing the environmental review analysis for the rezone of approximately 8.87 acres for high density residential.
3	In compliance with State law, the city will review the zoning code and amend as necessary to allow small residential care facilities serving six or fewer clients in all residential zones without a conditional use permit.	31-Dec-22	The City is using LEAP grant funding to review and amend the zoning code as necessary for compliance with new State laws.
4	Consistent with Assembly Bill (AB) 1866, the city will continue to support the use and construction of second units on single family residential lots to provide additional affordable housing options. The city will create and distribute brochures containing information about the benefits of building second units and the city's permitting process.	Ongoing	The City adopted an ADU ordinance to further support the construction of secondary units.
5	Annually, the city will work with the Sutter County Social Services & Welfare Department and regional non-profit organizations providing services for the homeless to find ways Live Oak can assist in addressing homelessness in the region. Explore alternative housing options for the homeless or people in danger of becoming homeless, such as shared housing. In addition, the city will provide information on homeless services, including emergency shelters, transitional housing, and food banks on the city's website and on brochures available at city hall.	Ongoing	The City is currently working with Habitat for Humanity to provide additional housing options for individuals that are at high risk of becoming homeless.
6	The city will encourage the use of density bonuses in accordance with the State Density Bonus Law. These incentives may include, but are not limited to reductions in zoning standards, different development standards and design criteria, mixed-use zoning, or expedited staff review and permit processing.	Ongoing	The City encourages developers to use density bonuses.

7	Encourage the construction of 3- and 4-bedroom units when subsidized affordable multi-family projects are proposed within the city. The city will coordinate with the Sutter County Housing Authority to encourage inclusion of larger rental units. The city will ensure that development standards do not impede the development of larger uses, including parking, open space requirements, and other requirements.	Ongoing	The City has been working with the Regional Housing Authority on the Kristen Court Apartments project that includes 3- and 4- bedroom units.
8	Participate in financing programs and agreements such as mortgage credit and bond financing to provide assistance to first time lower and moderate-income homebuyers. In addition, the city will determine the feasibility of participating in a consortium with other public agencies to take advantage of tax-exempt bond financing. Assist the funding of these programs through the submission of HOME applications. Feasibility will be based on the amount of funding that could be used within the city in relation to the cost of participation and the attractiveness of these certificates to first-time homebuyers. By 2022, the city will identify existing public agency consortiums and determine the most feasible group in which to participate. The availability of these programs will continue to be publicized locally through brochures and quarterly newsletters available on the city's website and city hall, as well as, education of local finance agencies and real estate offices. Credit certificate allocations are available at a countywide level on a first-come first serve basis.	Ongoing	The Regional Housing Authority purchased the Centennial Arms property and extended affordability until October 20, 2041. The City has also worked with the Housing Authority to secure \$2 million in HOME for construction of the Maple Park Phase 1 Development, which began renting 56 new units affordable to families at 30 to 60 percent of the area median income in January 2013. The unit numbers were accounted under the 2012 year as the building permits were pulled in 2012. In 2015 building permits (34 units) were obtained for Phase II Senior apartments for low income housing, along with \$4.5 million in HOME funds from the City.
9	Provide assistance in preparing funding applications for affordable housing projects proposed by or with the Sutter County Housing Authority. By 2022, the city will also consider providing staff support in providing needed information for funding requests to increase the likelihood of receiving state or federal funding. To promote its application assistance efforts, a representative of the city will meet annually, and additionally during the year as needed, with the housing authority to determine their interest in, and plans for, constructing affordable housing in Live Oak. Based on the clients to be served by proposed projects and the type of housing and services to be incorporated into funding requests, the city will assist the housing authority in identifying the most appropriate state and/or federal funding sources.	Ongoing	The City works with the Housing Authority and non-profit housing on any potential development of vacant properties. In 2020 the City worked with the Housing Authority on Phase II of Kristen Court, low-income apartments and starting the process for Phase III of Kristen Court.

10	The city will meet with representatives of each of the locally/regionally-based lending institutions to determine their interest in funding community development and housing activities, including participation in Federal Home Loan Bank Board affordable housing programs. For participating lenders, the city will serve as a liaison between the institution and housing providers seeking funding sources for their projects.	Ongoing	The City works with the Housing Authority and non-profit housing on any potential development of vacant properties. In 2020 the City worked with the Housing Authority on Phase II of Kristen Court, low-income apartments and starting the process for Phase III of Kristen Court.
11	The city will seek the assistance of the Consolidated Housing Authority of Sutter County and non-profit housing organizations to identify and secure funding sources to develop vacant properties and to rehabilitate and convert non-residential buildings to residential use.	Ongoing	The City works with the Housing Authority and non-profit housing on any potential development of vacant properties. In 2020 the City worked with the Housing Authority on Phase II of Kristen Court, low-income apartments and starting the process for Phase III of Kristen Court.
12	Seek public funding options that would help subsidize impact fees for affordable housing projects. Provide impact fee credits, or delay payment of development impact fees for affordable housing development until the certificates of occupancy is issued, instead of at issuance of a building permit.	Ongoing	The City provided at least \$175,000 in fee credits as funding support for Phase II of the Maple Park development.
13	The city will prioritize service for affordable housing. The city provides water and wastewater service. Although this is not currently planned, it is possible in the future that the city could contract with another water or sewer service provider. If this happens, the city will provide a copy of the adopted housing element to such water and wastewater service providers and ensure that they are aware of their legal requirement to prioritize service for affordable housing. Refer to Government Code Section 65589.7 in the conditions of approval for subdivisions that require “will-serve” letters from sewer and water districts.	Ongoing	Currently, the City provides water and wastewater services. If in the future a contract with another water or sewer service provider happens, the City will provide the service provider with a copy of the Housing Element and ensure that they are aware of their legal requirement to prioritize service for affordable housing.

14	To comply with the state Employee Housing Act (Health and Safety Code Sections 17021.5 and 17021.6), the city will review the zoning code and amend as necessary. Health and Safety Code Section 17021.5 requires the zoning codes to treat employee/farmworker housing that serves six or fewer persons as a single-family structure and permitted in the same manner as other single-family structures of the same type in the same zone in all zones allowing single-family residential uses. Section 17021.6 requires that employee/farmworker housing consisting of no more than 12 units or 36 beds be treated as an agricultural use and permitted in the same manner as other agricultural uses in the same zone.	31-Dec-23	The City is using LEAP grant funding to review and amend the zoning code as necessary for compliance with new State laws.
15	The city shall continue code enforcement to expedite the removal of illegal or unsafe dwellings, to eliminate hazardous site or property conditions, and resolve chronic building safety problems. In addition, the city will, on a request basis, arrange for inspections of residential properties where building code violations may be present and may need to be corrected. The city will seek funding to pay for the relocation expenses of low-income residents displaced as a result of the condemnation or required vacation of dwelling units due to code violations. The city will follow the requirements of state law regarding the demolition or conversion of dwelling units occupied by lower-income households within the city.	Ongoing	The City operates a Code Enforcement Program. In 2022, there were a couple of code enforcement actions taken on substandard dwellings.
16	Annually, the city will coordinate with the Sutter County Housing Authority and property owners of privately-owned, government-subsidized affordable housing projects with the specific commitment of maintaining affordability status of properties in the long term, as well as, the compliance with noticing requirements, and the coordination with qualified entities to purchase properties and provide education and support to tenants. In addition, the city will contact property owners of such affordable housing projects at least one year in advance of the date where properties could convert to market rate. The city, in collaboration with the housing authority, will describe options for maintaining affordability status. If the owner expresses an interest in selling or converting their properties, the city will contact the housing authority to determine interest in acquisition and operation of such properties, or to get assistance in seeking another interested investor or nonprofit housing corporation to acquire and continue operating the rental development for low-income households. The city will, in coordination with the housing authority, assist in identifying and applying for funds to maintain the affordability of rental units.	Ongoing	The City works with the Housing Authority and non-profit housing on any potential development of vacant properties. In 2022 the City worked with the Housing Authority on Phase III of Kristen Court, low-income apartments.

17	The city shall display multi-lingual fair housing posters in prominent locations in city buildings and facilities throughout the city, as well as distribute educational materials to property owners, apartment managers, and tenants every two years throughout the planning period.	Ongoing	The City provides public information on fair housing laws in English and Spanish at City Hall. Fair housing information is available at all public hearings including City Council hearings. The City provides information and referral services (including a point of contact) for equal housing complaints that are brought to the City.
18	The city shall continue to work with the local fair housing council to provide fair housing services to the residents and property owners for resolving fair housing complaints. The city shall continue to refer fair housing complaints to the California Rural Legal Assistance (CRLA), or similar organization.	Ongoing	The City provides public information on fair housing laws in English and Spanish at City Hall. Fair housing information is available at all public hearings including City Council hearings. The City provides information and referral services (including a point of contact) for equal housing complaints that are brought to the City.
19	The city shall develop a plan to Affirmatively Further Fair Housing (AFFH). The AFFH Plan shall take actions to address significant disparities in housing needs and in access to opportunity for all persons regardless of race, religion, sex, marital status, ancestry, national origin, color, familial status, or disability, and other characteristics protected by the California Fair Employment and Housing Act (Part 2.8 (commencing with Section 12900) of Division 3 of Title 2), Section 65008, and any other State and federal fair housing and planning law. The AFFH Plan will strive to achieve the following: - Create opportunities for lower income residents in high resource areas; - Increase services and amenities to improve access to opportunity in low resource areas; and - Establish formal procedures for providing reasonable accommodations.	31-Dec-23	The City is currently exploring grant funding options to prepare the AFFH Plan.
20	The city will continue to implement state requirements for energy conservation in new residential projects and encourage retrofits of existing units. Provide materials/access to utility-sponsored programs that educate residents on ways to reduce energy usage or costs.	Ongoing	The City meets the requirements for State Law energy efficiency home improvement and new home construction through plan checks.
21	After the city adopts the draft Accessory Dwelling Unit (ADU) Ordinance in 2022, the city will monitor permitted ADUs and affordability by the fourth year of the planning period and take appropriate action such as adjusting assumptions or rezoning within six months of the adoption of the ADU Ordinance.	Ongoing	The City has adopted an ADU ordinance to further support the construction of second units, and currently tracks all ADU within the City.

Jurisdiction	Live Oak	
Reporting Year	2022	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

Building Permits Issued by Affordability Summary		
Income Level		Current Year
Very Low	Deed Restricted	0
	Non-Deed Restricted	0
Low	Deed Restricted	0
	Non-Deed Restricted	0
Moderate	Deed Restricted	0
	Non-Deed Restricted	0
Above Moderate		37
Total Units		37

Note: Units serving extremely low-income households are included in the very low-income permitted units totals

Units by Structure Type	Entitled	Permitted	Completed
SFA	0	0	0
SFD	0	37	56
2 to 4	0	0	0
5+	0	0	0
ADU	0	0	0
MH	0	0	0
Total	0	37	56

Housing Applications Summary	
Total Housing Applications Submitted:	0
Number of Proposed Units in All Applications Received:	0
Total Housing Units Approved:	0
Total Housing Units Disapproved:	0

Use of SB 35 Streamlining Provisions	
Number of Applications for Streamlining	0
Number of Streamlining Applications Approved	0
Total Developments Approved with Streamlining	0
Total Units Constructed with Streamlining	0

Units Constructed - SB 35 Streamlining Permits			
Income	Rental	Ownership	Total
Very Low	0	0	0
Low	0	0	0
Moderate	0	0	0
Above Moderate	0	0	0
Total	0	0	0

Cells in grey contain auto-calculation formulas



City of Live Oak Report to City Council

Meeting Date: April 5, 2023

Title: Purchase of a New Water Utility Service Truck

Contact Information: Ron Walker, Public Works Director

Background: The City's water utility truck has had mechanical problems for the past several years and is at an age where some of the must-have repair parts are no longer being offered by the manufacturer.

Staff contacted three local vehicle dealerships (Larry Geweke Ford, Gridley Country Ford, and Wheeler Chevrolet Cadillac) to solicit bids for a 3/4 Ton, 2-wheel drive, regular cab, all standard equipment pickup truck with a utility box, and V8 motor.

1. Larry Geweke Ford, Yuba City -----
\$48,447.14

2. Gridley Country Ford, Gridley ----- \$
No-Bid

3. Wheeler Chevrolet Cadillac, Yuba City ----- \$ No-
Bid

Staff recommends the City Council authorize the purchase of a new utility service truck to be used in the Water Department from the lowest bidder, Larry Geweke Ford, for \$48,447.14.

Fiscal Impacts: Item was included in the Fiscal Year 2022-23 Annual Budget and approved by the Finance Department.

Recommendation: Authorize the purchase of a new water utility service truck to be used in the Water Department from Larry Geweke Ford for \$48,447.14.

Attachments:

[Quote](#)



871 E ONSTOTT RD
YUBA CITY, CA 95991
(530)821-2121

Invoice No.

46379

QUOTE**Customer**

Name CITY OF LIVE OAK
Address 9955 LIVE OAK BLVD
City LIVE OAK State CA ZIP 95953
Phone

Misc

Date 3/22/2023
Order No. 46379
Rep
FOB

Qty	Description	Unit Price	TOTAL
1	2022 FORD F250 REG CAB 4X2 CAB CHASSIS RETAIL		\$45,455.00
1	DEALER NET INVOICE		\$43,132.00
1	SCELZI SERVICE BODY		\$9,765.00
1	SUB TOTAL		\$53,897.00
1	GOVERNMENT PRICE CONCESSION		(\$8,400.00)
1	SUB TOTAL		\$44,497.00
1	GEWEKE 1.5 PERCENT		
1	NET PRICE		\$46,164.00

TIRE FEE \$8.75

Payment

Check

Tax Rate(s)

7.25%

\$3,274.39

Comments

Name

CC #

Expires

TOTAL**\$48,447.14**

Office Use Only

Contact

Thank you
Paul Ford
530-682-7695

DEALER 72C408

VIN 1FDBF2A60NEF91264

	Suggested Retail Price	Invoice Amount
F25H 4X2 STYLESIDE PICKUP/142	39445 00	37473 00
2022 MODEL YEAR		
Z1 OXFORD WHITE		
AS MEDIUM EARTH GRAY VINYL		
PREFERRED EQUIPMENT PKG.600A		
.XL TRIM		
572 .AIR CONDITIONING -- CFC FREE	NC	NC
.AM/FM STEREO MP3/CLK		
996 .6.2L EFI V-8 ENGINE	NC	NC
44S 6-SPEED AUTOMATIC TRANS G	NC	NC
X37 3.73 RATIO REGULAR AXLE	NC	NC
90L POWER EQUIPMENT GROUP	1100 00	1001 00
66D PICKUP BOX DELETE	625 00-	569 00-
JOB #1 ORDER		
153 FRONT LICENSE PLATE BRACKET	NC	NC
17S STX APPEARANCE PACKAGE	2010 00	1829 00
.LT275/65R18E BSW ALL SEASON		
.CRUISE CONTROL		
.BRIGHT GRILLE		
.SILVER CAST ALUM WHEELS-18"		
19Z 4G LTE WI-FI HOTSPOT REMOVAL	20 00-	18 00-
10000# GVWR PACKAGE		
425 50 STATE EMISSIONS	NC	NC
43C 110V/400W OUTLET	NC	NC
512 SPARE TIRE AND WHEEL	295 00	269 00
52B TRAILER BRAKE CONTROLLER	300 00	273 00
TELESCPNG TT MIRR-POWR/HTD SIG		
JACK		
63R REAR STAB BAR W/ AUX SPRINGS	125 00	114 00
66S UPFITTER SWITCHES	165 00	150 00
67D 200AMP(6.2L)/240CMP(6.7L) ALTR	NC	NC
872 REAR VIEW CAMERA & PREP KIT	415 00	377 00
913 SYNC 3	450 00	410 00
TOTAL OPTIONS/OTHER	4215 00	3836 00
TOTAL VEHICLE & OPTIONS/OTHER	43660 00	41309 00
DESTINATION & DELIVERY	1795 00	1795 00
TOTAL FOR VEHICLE	45455 00	
FUEL CHARGE		28 16
SHIPPING WEIGHT 5468 LBS.		
TOTAL	45455 00	43132 16

This invoice may not reflect the final cost of the vehicle in view of the possibility of future rebates, allowances, discounts and incentive awards from Ford Motor Company to the dealer.

Sold to Geweke Ford 871 East Onstott Rd. Yuba City		72C408 CA 95991		Order Type 59	Ramp Code RA84	Batch ID R534	Price Love 275
Ship to (if other than above) Scelzi Enterprises 2316 E. Annadale Ave. Fresno		86533 CA 93706		Date Inv. Prepared 10 21 22		Item Number 72-2863	Transit Days 34
Invoice & Unit Identification NO. 1FDBF2A60NEF91264		Final Assembly Point KENTUCKY		Finance Company and/or Bank Ford Motor Credit 000001			
HB	Invoice Total	A & Z Plan	D Plan	X Plan	FPA	AA	
873	43132.16	41552.16	41652.16	43234.63		654.00	

This invoice to be used for the billing of vehicles only

Dealer's copy

Scelzi Enterprises, Inc.
 Truck Body Manufacturing

 P.O. Box 12066
 Fresno, CA. 93776

Phone # 559-237-5541 Fax # 559-496-3202

Invoice

Date	Invoice #
10/25/2022	250961

Bill To
LARRY GEWEKE FORD 871 E. ONSTOTT RD YUBA CITY, CA 95991

Ship To
WILL CALL

P.O. Number	Terms	Rep	Delivery Date	Via	F.O.B.	Work Order	
	Net 10	DO	10/25/2022	WILL CALL	ORIGIN	250961	
Model	SBCR 98	Serial	102274272	VIN	NEF91264 P	Attn	PAUL BROWN

Qty	Item Code	Description	Price Each	Amount
0	Body Info	Body Info: - Model: SBCR-98-79-49-38-VO - Serial Number: 102274272 - Key Number: W81 - Key Qty: 4.00 - Finish: Painted - Color: Z1 - Oxford White	0.00	0.00
0	Chassis Info	Chassis Info: - VIN: 1FDBF2A60NEF91264	0.00	0.00
1	SBCR-98-79-49-...	SERVICE BODY 98 LONG, 79 WIDE, 49 FLOOR, 38 COMPARTMENT HEIGHT 1EA - ALL LIGHTS LED 1EA - ALUMINUM ON OPEN TOPS 1EA - ALUMINUM TAILGATE CAP	9,679.00	9,679.00
1	BUMPER CRO...	6" DIAMOND PLATE STRAIGHT RAIL BUMPER -POWDER COATED GRAY 1EA - RELOCATE FACTORY HITCH 1EA - 7 PRONG FLAT RV PLUG 12707 1EA - INSTALL FACTORY BACK UP CAMERA	0.00	0.00

A FINANCE CHARGE AT THE RATE OF 2% PER MONTH (24% ANNUALLY)
 WILL BE CHARGED ON PAST DUE ACCOUNTS.
 Merchandise left in shop at a rate of \$5.00 per day for storage - after 30 days will be sold

Total

Purchaser herein releases Scelzi Enterprises from any and all liability related to and arising from any modification of and/or tampering with any product manufactured, installed, and/or repaired by Scelzi Enterprises.
 Should purchaser default in any of the terms hereof, he agrees to pay all costs, including, but not limited to reasonable attorney fees incurred by Scelzi Enterprises seeking enforcement herein of damages for breach or in pursuing any other remedy available to Scelzi Enterprises.
 As the purchaser, I agree to the terms and conditions herein.

Payments/Credits
Balance Due

 PLEASE PAY FROM THIS INVOICE NO
 STATEMENT WILL BE RENDERED.

By _____

Scelzi Enterprises, Inc.
 Truck Body Manufacturing

Invoice

 P.O. Box 12066
 Fresno, CA. 93776

Phone # 559-237-5541 Fax # 559-496-3202

Date	Invoice #
10/25/2022	250961

Bill To
LARRY GEWEKE FORD 871 E. ONSTOTT RD YUBA CITY, CA 95991

Ship To
WILL CALL

P.O. Number	Terms	Rep	Delivery Date	Via	F.O.B.	Work Order	
	Net 10	DO	10/25/2022	WILL CALL	ORIGIN	250961	
Model	SBCR 98	Serial	102274272	VIN	NEF91264 P	Attn	PAUL BROWN

Qty	Item Code	Description	Price Each	Amount
1	LADDER RACK...	2" X 2" X 120 WALL FORKLIFT ACCESS -POWDER COATED WHITE	0.00	0.00
1	WEIGHT CERTI...	WEIGHT CERTIFICATE OF COMPLETED UNIT 6780 LBS	45.00	45.00
1	HAZ MAT - HW...	HAZARDOUS WASTE DISPOSAL FEE	41.00	41.00
1	FET - NON	VEHICLE 33000 LBS OR UNDER, NOT SUBJECT TO FET GVWR 10,000	0.00	0.00
1	WILL CALL	CUSTOMER TO PICK UP COMPLETED UNIT IN FRESNO	0.00	0.00

A FINANCE CHARGE AT THE RATE OF 2% PER MONTH (24% ANNUALLY)
 WILL BE CHARGED ON PAST DUE ACCOUNTS.
 Merchandise left in shop at a rate of \$5.00 per day for storage - after 30 days will be sold

Total \$9,765.00

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 Should purchaser default in any of the terms hereof, he agrees to pay all costs, including, but not limited to reasonable attorney fees incurred by Scelzi Enterprises seeking enforcement herein of damages for breach or in pursuing any other remedy available to Scelzi Enterprises.
 As the purchaser, I agree to the terms and conditions herein.

Payments/Credits \$0.00
Balance Due \$9,765.00

 PLEASE PAY FROM THIS INVOICE NO
 STATEMENT WILL BE RENDERED.

By _____



Government Bid Management System (GBMS)

PAULBROWN (P-BROW16)

Purpose:New Bid; State:CA-California; FIN:QH673-CITY OF LIVE OAK; Bid Open Date :03/22/2023; Vehicle Line:22 - F-SERIES SD ; Model Year:2022; Body Code & Name:F2A-F250 4X2 SD R/C; GPC Type:All

State	Model Year	Vehicle Line	Body Code & Name	Option Discounts	GPC Req #	GPC (\$)	Price Level	Bid Open / Reference # Start Date	Reference # Issue Date	FIN	GPC Type	Reference #	Expiration Date
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		8400	215	03/15/2021	03/22/2021		PIGGYBACK	07595N	
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		9454	215	03/15/2021	04/13/2021		PIGGYBACK	Reveal	Download 04/30/2021
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		9253	215	03/15/2021	04/13/2021		PIGGYBACK	Reveal	Download 04/30/2021
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		8753	215	05/03/2021	06/14/2021		PIGGYBACK	Reveal	Download 12/31/2021
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		7100	000	01/19/2021	01/19/2021		LOCAL	Reveal	Download 06/15/2021
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		8553	215	06/11/2021	06/12/2021		LOCAL	Reveal	Download 12/31/2021
CA	2022	22 - F-SERIES SD	F2A - F250 4X2 SD R/C	View		6300	215	01/19/2021	06/16/2021		LOCAL	Reveal	



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Public Works Projects Update
Contact Information:	Ron Walker, Public Works Director
Background:	1. Pennington Road - West Project: City Manager and I met with Mr. Montez de Oca, and Mr. Melendez from Unico Engineering to discuss logistics and the agreement form services which was signed by the City Manager and Mr. Montez de Oca from Unico Engineering on March 28, 2023. Also, I have been in contact with Unico Engineering to discuss community communication throughout the project. 2. P Street lift Station Improvement project: I have been in contact with a representative of the State Water Resources Control Board and was told they have not reviewed the submitted documents yet, and will contact me when they start the process. 3. Wastewater Treatment Plant Solar Project: I have been in contact with a representative of the State Water Resources Control Board and was told they are currently considering a project extension date. 4. Wastewater Treatment Plant Headworks Rehabilitation Project: I have been in contact with a representative of the State Water Resources Control Board and was told they have not reviewed the grant application yet, but hope to get to it within a few weeks. 5. Well 7 and Well 4 Generator Grant Project: This grant application received a Priority 2 ranking according to the California Public Utility Commission's High Fire Threat District Map. If there is any funding left after all Priority 1 applications have been addressed, the State Water Resource Control Board will start on Priority 2 ranked applications.
Fiscal Impacts:	None.
Recommendation:	Received and file.



City of Live Oak Report to City Council

Meeting Date: April 5, 2023

Title: Approval of Sewer Pump Repairs

Contact Information: Ron Walker, Public Works Director

Background: The Sewer Department has three pumps that require repair:

1. Sewer pump serial number 1069011 needs to be repaired at a cost of: \$26,665.89.
2. Sewer pump serial number 1069012 needs to be repaired at a cost of: \$10,293.
3. Sewer pump with a missing serial number needs to be repaired at a cost of: \$15,502.61.

The City has a limited number of spare sewer pumps, so staff normally has a broken pump repaired as soon as possible to help prevent an interruption in service.

Staff recommends City Council approve the sewer pump repairs by Pac Machine Co. of Sacramento, CA. Pac is the Flygt authorized repair shop in our area. The total repair cost for all three pumps is \$52,461.50.

Fiscal Impacts: Repairs were included in the Fiscal Year 2022-23 Annual Budget and approved by the Finance Department. The total repair cost for all three pumps is \$52,461.50.

Recommendation: Approve sewer pump repairs.

Attachments:

[Quote 1](#)

[Quote 2](#)

[Quote 3](#)



8750 23RD Avenue, Sacramento, CA 95826

PH: (916) 387-1336

FAX: (916) 387-1380

5326 Gateway Plaza Dr, Benicia, CA 94510

PH: (707) 746-4940

FAX: (707) 746-1845

1246 Glendale Ave, Sparks, NV 89431

PH: (775) 359-8500

FAX: (775) 359-0818

460 W Silver Street # 101, Elko, NV 89801

PH: (775) 777-1909

FAX: (775) 777-9732

WORK ORDER

Date: 3/16/23

Rec'd by: BRANDON MARTINEZ

[illegible]

Rec'd by:

Date:

Qty	Part #	Description	Total
1	6571708	REPAIR KIT	\$2,747.70
1	7022800	WEAR RING	\$864.00
1	6964832	IMPELLER	\$4,466.70
3	8300456	SCREW	\$17.10
3	7250600	PLUG	\$12.60
1	6419806	SHAFT	\$2,060.10
50'	941982	CABLE	\$2,835.00
1	6419305	STATOR	\$2,627.10
1	6505100	CABLE UNIT	\$117.90
1	6630400	SENSOR	\$402.30
1	6421200	HOUSING COVER	\$1,285.20
3	835358	CLAMP	\$32.40
8	835361	CLAMP	\$223.20
4	835367	CONNECTION	\$43.20
2	835354	SUPPORT	\$18.00
1	835350	PARTITION	\$6.30
1	7345900	LEAD THROUGH	\$66.60
1	6082211	ADAPTER	\$2,011.50
1	6081302	JACKET	\$594.90
1	6081402	DIFFUSER	\$361.80
2	841804	SEAL SLEEVE	\$84.60
1	830455	SCREW	\$27.90
1	INSIDE	SANDBLAST	\$220.00
1	OUTSIDE	SANDBLAST	\$260.00
1	OUTSIDE	E POXY COATING	\$200.00
10	LITERS	DISTILLED WATER	\$180.00
4	LITERS	COOLANT	\$200.00
		Shop Materials	\$100.00
	FREIGHT	Outside Work	\$800.00
		Labor	\$2,200.00
		Total Parts	\$22,066.10
		Tax 7.25%	\$1,599.79
		Total	\$26,665.89



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FAX: (775) 359-0818

460 W Silver Street # 101, Elko, NV 89801

PH: (775) 777-1909

FAX: (775) 777-9732

WORK ORDER

Date: 3/21/23

Rec'd by: BRANDON MARTINEZ

[illegible]

Rec'd by:

Date:

[illegible]



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Adopt Resolution Establishing Salary and Benefits for the Unrepresented Full-Time Employees
Contact Information:	Aaron Palmer, City Manager
Location:	City Wide
Background:	With the conclusion of negotiations with Public Employees Union Local #1, the City then needed to meet with the City's Unrepresented Full-Time employees to negotiate salary and benefit changes.
Analysis:	After discussing the salary and benefit requests of the Unrepresented group with the City Council, the following was agreed to: Four percent (4.0%) cost of living increase. City will pay eighty-five percent (85.0%) of the monthly medical and dental premiums while the employees will pay fifteen percent (15.0%) of the monthly medical and dental premiums. A one-time one thousand dollar (\$1,000.00) bonus. The ability to cash out up to twenty (20) hours of Administrative leave. The ability to cash out a maximum of forty (40) hours of vacation leave while keeping a minimum of forty (40) hours in the employees vacation bank. An annual five-hundred dollar (\$500.00) tuition reimbursement for job related classes or education. Longevity Pay-After completion of fifteen (15) years employees will receive an additional five percent (5.0%) in salary. After completion of twenty (20) years employees will receive another five percent (5.0%) in salary.
Fiscal Impacts:	The cost of the salary and benefits from the attached resolution is approximately \$44,000 for Fiscal Year 2022-23.
Recommendation:	Adopt resolution establishing salary and benefits for the Unrepresented Full-Time Employees.
Attachments:	

[Resolution](#)

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LIVE OAK ESTABLISHING SALARY AND BENEFITS FOR THE
UNREPRESENTED FULL-TIME EMPLOYEES OF THE CITY

WHEREAS, the City Manager has negotiated the salary and benefits with the Unrepresented Full-Time Employees of the City of Live Oak; and

NOW, THEREFORE, the City Council of the City of Live Oak hereby resolves as follows:

Section 1. Members of Unrepresented Group. Classifications of the Unrepresented Group are Management Analyst, Director of Public Works, Director of Parks and Recreation, Chief Building Official, Chief Plant Operator, City Clerk, and Financial Services Supervisor.

Section 2. Salaries. Salaries for the Unrepresented Employees shall be established in accordance with the City's Personnel Rule and Regulations as well as City policies. The salary ranges will be set each year and approved with the annual City budget.

A. All Unrepresented employees will receive a 4% Cost of Living Adjustment effective November 1, 2022.

B. All Unrepresented employees will receive a one-time cash payment of one thousand dollars (\$1,000.00).

Section 3. Vacation, Sick and Administrative Leave Accrual. Unrepresented Employees shall accrue leave as follows:

Vacation Leave. Unrepresented Employees shall accrue Vacation Leave based on the schedule stated in the City's Personnel Rules and Regulations.

Unrepresented Employees may cash out up to a maximum of 40 hours of accrued vacation leave per fiscal year. An employee must have a minimum of 40 hours of vacation leave left in their Vacation Bank after the cash out request.

Sick Leave. Unrepresented Employees shall accrue Sick Leave based on the schedule stated in the City's Personnel Rules and Regulations.

Administrative Leave. Unrepresented Employees shall accrue eighty (80) hours of Administrative Leave during the first pay period in January. Employees may cash out, up to a maximum of, twenty (20) hours of Administrative Leave during the calendar year.

Other Non-vested and Non-accruing Leaves. Other non-vested and non-accruing leaves (e.g., bereavement, military, and jury duty) will continue to be provided in accordance with the City's Personnel Rules and Regulations.

Section 4. Floating Holidays. Unrepresented Employees will receive three (3) Floating Holidays per calendar year. They must be used by December 31st of each year. No carryover of hours is allowed.

Section 5. Retirement. Unrepresented Employees shall be covered by CalPERS Retirement System, under the terms and conditions which are presently in effect.

Section 6. Medical/Dental/Vision Insurance. Effective November 1, 2022, the City shall contribute eighty-five percent (85.0%) toward monthly medical and dental premiums and Employees shall contribute fifteen percent (15.0%) toward monthly medical and dental premiums. The City shall pay 100% for vision insurance.

Section 7. Longevity Pay. Unrepresented Employees will receive an additional five percent (5.0%) at the completion of fifteen (15) years of service. Said Employees will receive an additional five percent (5.0%) at the completion of twenty (20) years of service.

Section 8. Standby Pay. The Chief Plant Operator will receive fifty dollars (\$50.00) per 24-hour shift when on standby.

Section 9. Cell Phone Allowance. Unrepresented Employees will receive a cell phone allowance of one hundred dollars (\$100.00) per month.

Section 10. Training/Education Reimbursement. Unrepresented Employees are eligible to receive up to five hundred dollars (\$500.00) per fiscal year for material/course reimbursement after successful completion of accredited class or course directly related to their job. Employees will reimburse the City if they leave the employ of the City within three (3) years of receiving the training/education.

Section 11. Conditions of Employment. Except as otherwise provided herein, the terms and conditions of employment of Unrepresented Employees shall be those prescribed in the City's Personnel Rule and Regulations as well as City policies.

Section 12. Effective Date and Term. This Resolution shall take effect April 5, 2023, and remain in effect until/unless superseded, in whole or in part.

PASSED AND ADOPTED by the City Council of the City of Live Oak this 5th day of April 2023, by the following vote:

AYES:

NOES:

ABSENT:

NOT VOTING:

APPROVED:

Bob Woten, Mayor

ATTEST:

Clarissa Menchaca, City Clerk



City of Live Oak Report to City Council

Meeting Date: April 5, 2023

Title: Live Oak Planning Commission Organization

Contact Information: Kevin Valente, AICP, Contract Planner

Location: Citywide.

Background: The Live Oak City Council has requested a discussion regarding the current structure of the Live Oak Planning Commission.

The City of Live Oak Planning Commission is comprised of seven members. Six members are appointed by the City Council and one member is appointed by the Sutter County Planning Commission with approval by the Sutter County Board of Supervisors and the Live Oak City Council.

Live Oak Municipal Code (LOMC) Section 2.12.020(A) states, in part, "The planning commission shall consist of seven members appointed by the mayor with the consent of the City Council." Section 2.12.020 (C) states the city will post a notice of possible vacancy to allow the incumbent and other citizens to be considered for appointment or reappointment.

The City of Live Oak Planning Commissioners each serve staggered, four-year terms.

Analysis:

The current structure of the Live Oak Planning Commission is common among other rural communities in California. The Yuba City Planning Commission is organized the same as the City of Live Oak, including the appointment of a Sutter County representative.

Larger jurisdictions may organize the Planning Commission differently, such as the City of Sacramento. The City of Sacramento Planning and Design Commission consists of thirteen members, nine of which are appointed by City Council members, including the mayor. However, unlike Live Oak, each individual Council member selects one Planning Commissioner for their term. This is because each Council member represents a specific district of the City. The remaining four Planning Commissioners in Sacramento are recommended for appointment by the personnel and public employees committee.

It should be noted that any organizational change to the Live Oak Planning Commission would require City Council approval of an Ordinance amending Chapter 2.12 of the LOMC.

Fiscal Impacts:

None.

Recommendation:

Discuss the current organizational structure of the Live Oak Planning Commission.



City of Live Oak Report to City Council

Meeting Date:	April 5, 2023
Title:	Discussion and Possible Action Regarding the City's Entry Signs
Contact Information:	Aaron Palmer, City Manager
Location:	City Wide
Background:	The City in 2016 ordered two entry signs. These signs would be part of the Highway 99 Project and would be placed at each end of the City. Each sign is approximately 12 feet wide by 24 feet tall. The signs were manufactured by Arrow Sign Company at a cost of \$74,851.68. Area at the north end of the City was secured for the southbound sign. However, the area at the south end of the City for the northbound sign could not be used due to the location of a PG&E gas pipeline.
Analysis:	At this time there still is no appropriate place to install the northbound entry sign. Staff is looking for direction on alternatives to sign placement or the use of the signs to mark other areas or facilities of the City.
Fiscal Impacts:	None.
Recommendation:	Discussion and possible action regarding the City's entry signs.
Attachments:	

[Entry Signs Plan Layout](#)
[Live Oak Art and Shop Drawings](#)
[Signs Image](#)
[North Location](#)
[South Location](#)
[Northbound Sign Placement](#)

LIVE OAK ENTRY SIGNS

LIVE OAK, CA

GENERAL NOTES

- THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF ENGINEER.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES.
- THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS FAILURE TO DO SO.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
- THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE.
- ANY EXTRA CONSTRUCTION STAKING NECESSITATED SOLELY BY THE CONTRACTOR'S NEGLIGENCE WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND EXPENSES BASIS AND PAID FOR BY THE CONTRACTOR.
- STATIONING HEREON IS ALONG CONSTRUCTION CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
- ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
- LENGTHS OF SANITARY SEWERS AND STORM DRAINS ARE HORIZONTAL DISTANCES FROM CENTER TO CENTER OF STRUCTURES, ROUNDED OFF TO THE NEAREST FOOT.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.
- THE CONSTRUCTION OF ALL GRAVITY UNDERGROUND LINES (SANITARY SEWERS AND STORM DRAINS) SHALL BEGIN AT THE MOST DOWNSTREAM END, UNLESS OTHERWISE SPECIFICALLY APPROVED BY ENGINEER OR BY THE CITY.
- ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER OR UTILITY AGENCY REPRESENTATIVE, AT THE CONTRACTOR'S SOLE EXPENSE.
- ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY REPRESENTATIVE INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THIS WORK SHALL BE DONE AT NO EXPENSE TO THE UTILITY COMPANY. THE OWNER SHALL PAY THE COST OF ALL SUCH RELOCATION WORK INCLUDING FEES, BONDS, PERMITS, ETC.
- IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 50 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
- THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS, IS NEITHER SPECIFIED NOR RECOMMENDED. ANY PARTY INSTALLING OR USING ANY PARTY SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT.
- THE CONTRACTOR SHALL MEET AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT CITY ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PUBLIC SAFETY AND SAFETY OF EXISTING STRUCTURES. THE CONTRACTOR SHALL PROVIDE ADEQUATE BARRICADES, TRAFFIC CONTROLS, SHORINGS, BRACING AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE SPECS AND LOCAL SAFETY ORDINANCES.
- ALL APPLICABLE REQUIREMENTS OF THE CALIFORNIA CONSTRUCTION AND GENERAL INDUSTRY SAFETY ERRORS, THE OCCUPATIONAL SAFETY AND HEALTH ACT AND THE CONSTRUCTION SAFETY ACT SHALL BE MET.
- ALL CONSTRUCTION PROCEDURES SHALL CONFORM TO CAL-OSHA STANDARDS. ANY DEVIATION MUST BE APPROVED BY CAL-OSHA PRIOR TO CONSTRUCTION.
- ALL SITE WORK SHALL CONFORM TO CALTRANS AND CITY OF LIVE OAK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL LANDSCAPE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT CITY ORDINANCES AND STANDARD PLANS AND WITH STATE STANDARD SPECIFICATIONS. THE LANDSCAPE IMPROVEMENTS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE PUBLIC WORKS AND PLANNING DEPARTMENTS. INSPECTIONS SHALL BE SCHEDULED WITH THE PUBLIC WORKS DEPARTMENT AND PLANNING DEPARTMENT AT LEAST TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO REQUIRED INSPECTION.
- PRIOR TO THE START OF CONSTRUCTION, THE DEVELOPER AND/ OR CONTRACTOR SHALL CONTACT THE CITY'S PUBLIC WORKS DEPARTMENT AND REQUEST A PRE-CONSTRUCTION CONFERENCE.
- ALL REVISIONS TO THIS PLANS MUST BE APPROVED BY THE CITY ENGINEER AND OR PROJECT PLANNER PRIOR TO CONSTRUCTION OF THE REVISION.
- RECORD DRAWINGS ON REPRODUCIBLE LANDSCAPE PLANS, INCLUDING ALL CHANGES MADE DURING CONSTRUCTION SHALL BE PROVIDED TO THE CITY ENGINEER AT THE COMPLETION OF THE PROJECT.
- CITY ACCEPTANCE SHALL BE MADE AT THE CONCLUSION OF NINETY DAY (90) MAINTENANCE PERIOD, PROVIDED ALL CORRECTIVE WORK HAS BEEN COMPLETED. IF ALL CORRECTIVE WORK HAS NOT BEEN COMPLETED, THE MAINTENANCE PERIOD SHALL CONTINUE UNTIL SAID WORK HAS BEEN COMPLETED.
- ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF CITY ACCEPTANCE UNLESS SPECIFIED OTHERWISE.

LAYOUT NOTES

- CONTRACTOR SHALL VERIFY ALL UTILITIES, GRADES, EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. ALL DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- ALL WRITTEN DIMENSIONS SUPERCEDE ALL SCALED DISTANCES AND DIMENSIONS. DIMENSIONS SHOWN ARE FROM THE FACE OF THE BUILDING, WALL, BACK OF CURB, EDGE OF WALK, PROPERTY LINE, OR CENTERLINE OF COLUMN UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL DIMENSIONS AT BUILDING ARE TO FACE OF BUILDING. ALL DIMENSIONS AT ROADWAY ARE TO FACE OF CURB.
- ALL ANGLES ARE 45 DEGREE, 90 DEGREE, OR 135 DEGREE UNLESS OTHERWISE NOTED.
- ALL CURVES AND ALL TRANSITIONS BETWEEN CURVES AND STRAIGHT EDGES SHALL BE SMOOTH.
- ALL RETURN RADII AND CURB DATA ARE TO FACE OF CURB.
- WHENEVER BOTTOM OF WALL (BW) ELEVATION IS GIVEN, IT IS FINISH PAVEMENT OR GRADE ELEVATION AT FACE OF WALL.
- BUILDING LAYOUT AND LOCATION, SIDEWALK, CURB AND GUTTER, GRADING AND DRAINAGE IS BASED ON DRAWINGS PREPARED BY THE ARCHITECT AND THE CIVIL ENGINEER.
- REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION, SECTIONS, REINFORCEMENT, AND PREPARATION. IN CASE OF DISCREPANCY THE GEOTECHNICAL REPORT SHALL GOVERN.
- ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
- ANY AND ALL WORK WITHIN CITY/CALTRANS RIGHT OF WAY SHALL CONFORM TO ALL CITY/CALTRANS STANDARD DETAILS AND SPECIFICATIONS.
- ALL EXISTING ITEMS TO REMAIN SHALL BE PROTECTED AS REQUIRED. ANY DAMAGED ITEMS SHALL BE FULLY REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE FULL SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH OPERATIONS.
- ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
- ALL PATTERNS, LINE TYPES, AND SYMBOLS SHOWN WITHIN THE PLAN SET REFERENCE THE LAYOUT LEGEND AND ARE PART OF THE SCOPE OF WORK. CALLOUTS ARE SHOWN FOR CLARIFICATION OF WORK, BUT DO NOT INDICATE EVERY AND ALL INSTANCES OF SUCH WORK. THE CONTRACTOR SHALL REQUEST CLARIFICATION TO ANY ITEMS (INCLUDING BUT NOT LIMITED TO PAVING, WALLS, FINISHES, COLORS, FENCING, FOUNTAINS, POTS, AND SITE FURNITURE) NOT CLEARLY IDENTIFIED TO BE PART OF THE SCOPE OF WORK PRIOR TO BID.
- SEE CIVIL ENGINEER'S PLANS FOR ADDITIONAL INFORMATION.

NAME: ROLLS, ANDERSON & ROLLS CIVIL ENGINEERS
STREET ADDRESS: 115 YELLOWSTONE DRIVE
CITY: CHICO, CA 95973
PHONE: (530) 895-1422

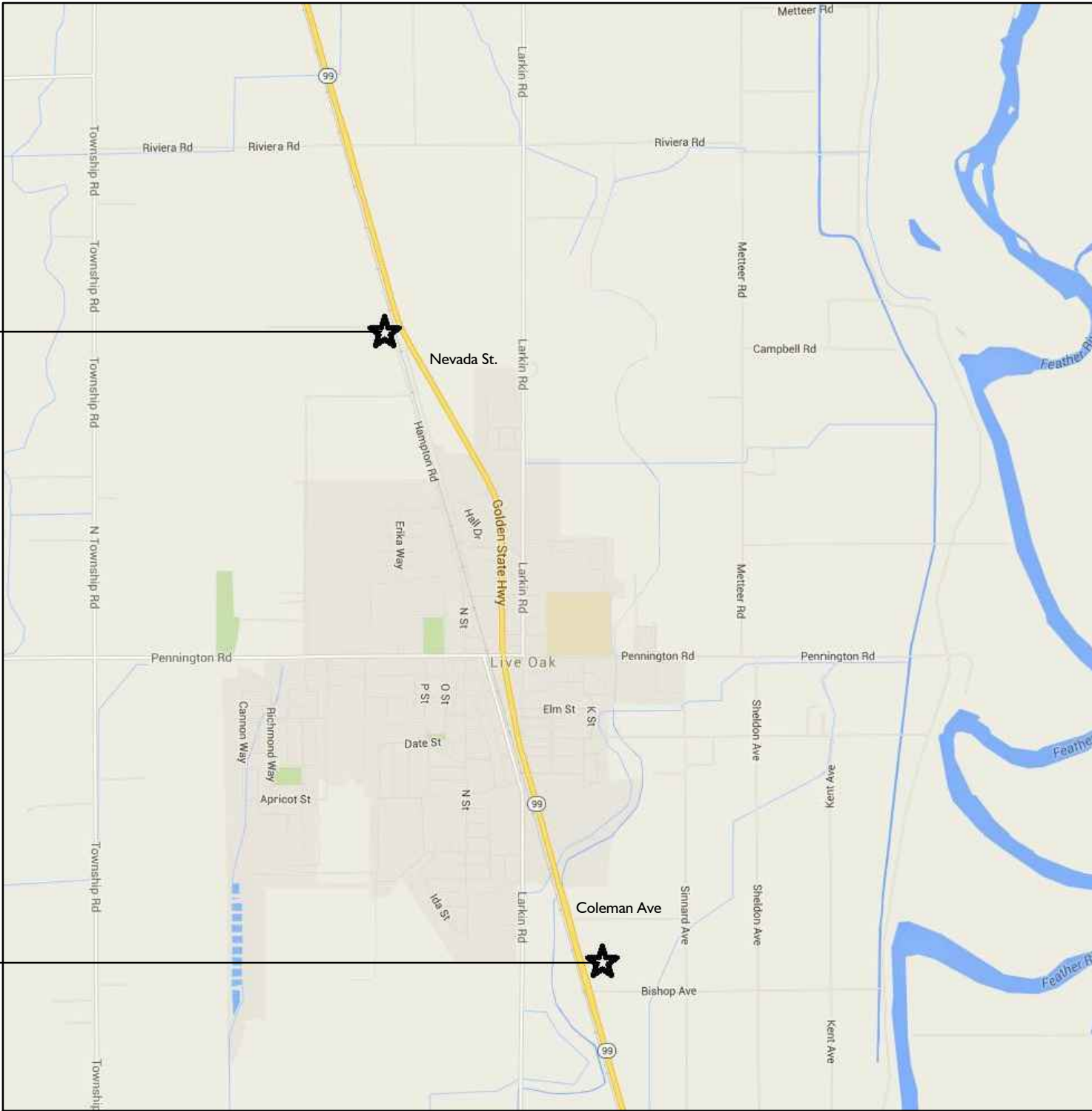
SHEET INDEX

- | | | |
|------|---|----------------------------------|
| L0.1 | - | LAYOUT NOTES AND LEGEND |
| L1.1 | - | LAYOUT PLAN |
| L2.1 | - | DETAILS |
| L2.2 | - | DETAILS |
| L2.3 | - | DETAILS |
| L2.4 | - | DETAILS |
| L2.5 | - | STRUCTURAL DETAILS & CALCULATION |

LAYOUT LEGEND

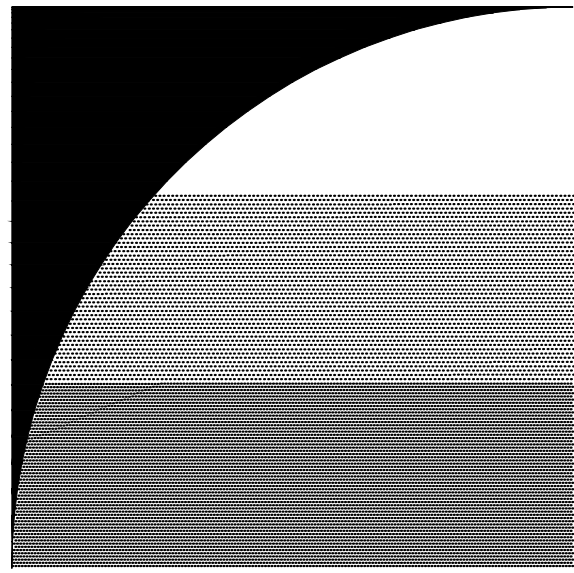
	SIGN SEE DETAIL 1, SHEET L2.1
	EXPANSION JOINT LOCATE AS SHOWN, AT ALL JOINTS BETWEEN PAVING & WALLS, AND AT ALL CHANGES IN PAVING MATERIAL. 20' O.C MAXIMUM
	SCORELINE
	TREAD
	TO BE DETERMINED
	SPACING
	POINT OF BEGINNING
	FACE OF BUILDING
	TYPICAL
	EQUAL
	CONTINUOUS
	MEDIUM BROOM
	MEDIUM SANDBLAST
	SEE CIVIL DRAWINGS
	SEE ARCHITECTURAL DRAWINGS
	SEE STRUCTURAL DRAWINGS
	SIMILAR
	RADIUS - ALL RADII GIVEN FOR WALLS ARE DIMENSIONED TO OUTSIDE OF WALLS.
	ALIGN
	CENTER LINE
	PROPERTY LINE
	EQUAL
	RIGHT-OF-WAY
	EXISTING EDGE OF PAVEMENT
	PLANTING AREA

LOCATION



LOCATION A

LOCATION B



GATES + ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING • URBAN DESIGN

2671 CROW CANYON RD, SAN RAMON, CA 94583
T 925.736.8176 www.dgates.com

LIVE OAK ENTRY SIGNS

LIVE OAK, CA

ISSUE:	DESCRIPTION:	DATE:
ISSUE 1	SUBMITTAL	12/03/15
ISSUE 2	2 SUBMITTAL	02/17/16
ISSUE 3	3 SUBMITTAL	03/01/16
ISSUE 4	4TH SUBMITTAL	04/20/16
ISSUE 5	5TH SUBMITTAL	08/09/16
ISSUE 6	6TH SUBMITTAL	11/16/16
ISSUE 7	7TH SUBMITTAL	01/23/17
ISSUE 8	8TH SUBMITTAL	03/31/17
ISSUE 9	FINAL SUBMITTAL	11/14/17

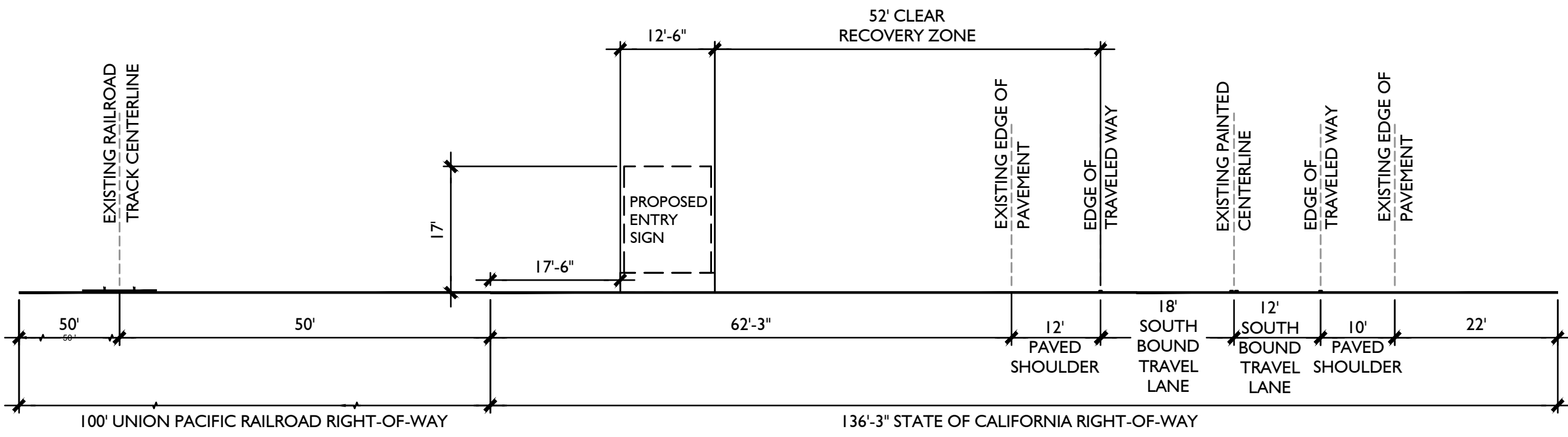


PROJECT NUMBER: 4718
DRAWN: MM
CHECK: AD
DATE: 11/14/2017
SCALE:

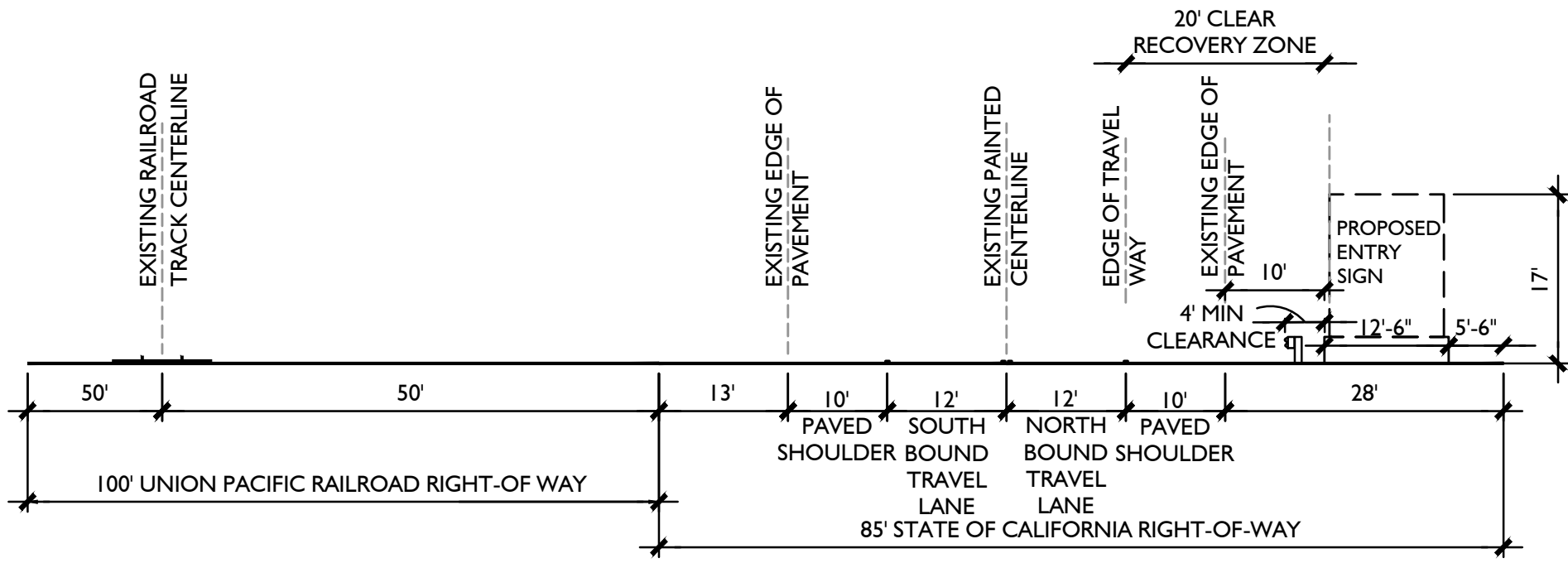


LAYOUT NOTES AND LEGEND

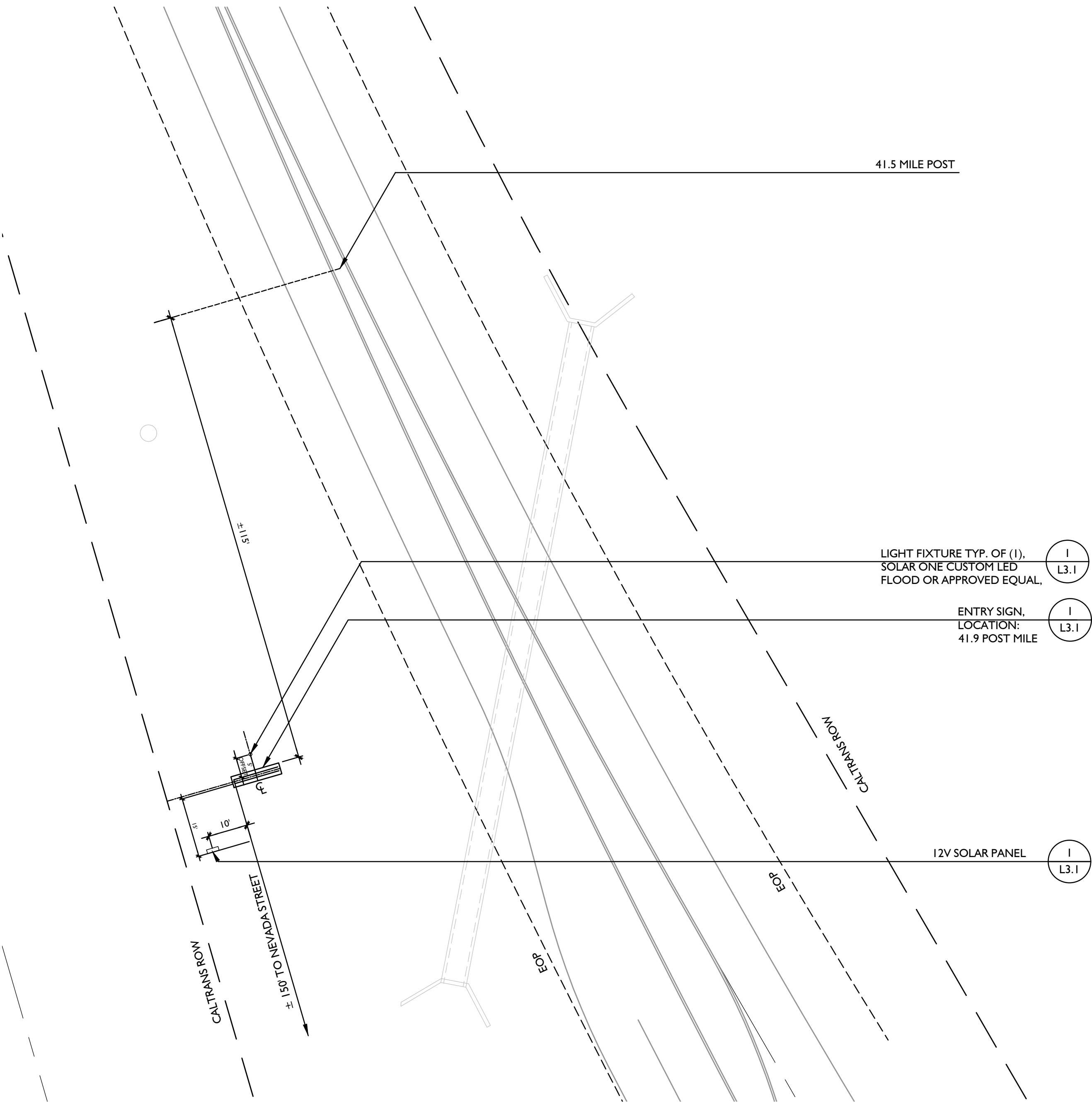
L0.1



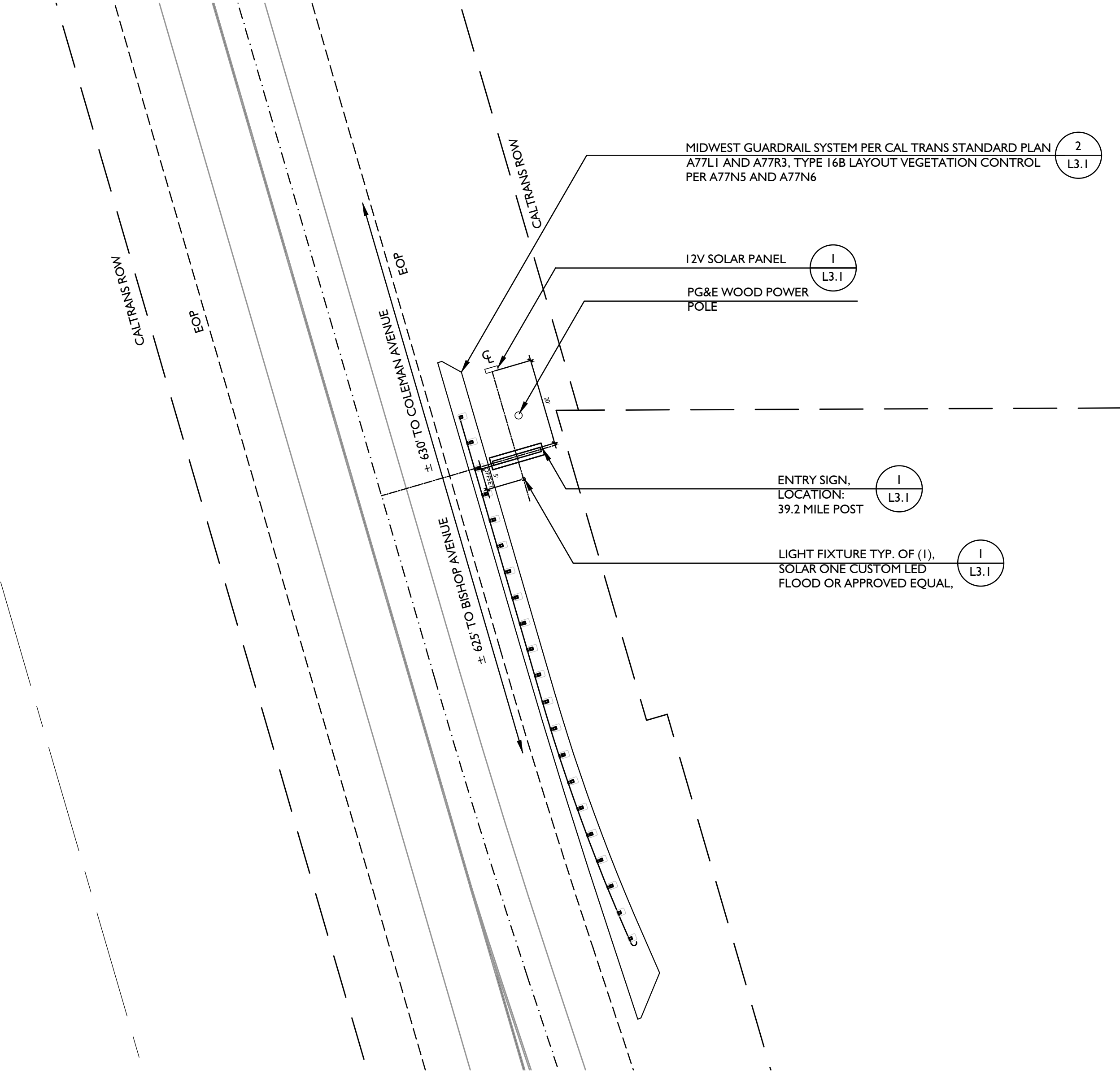
SECTION SCALE 1"= 16'-0"
LOCATION A



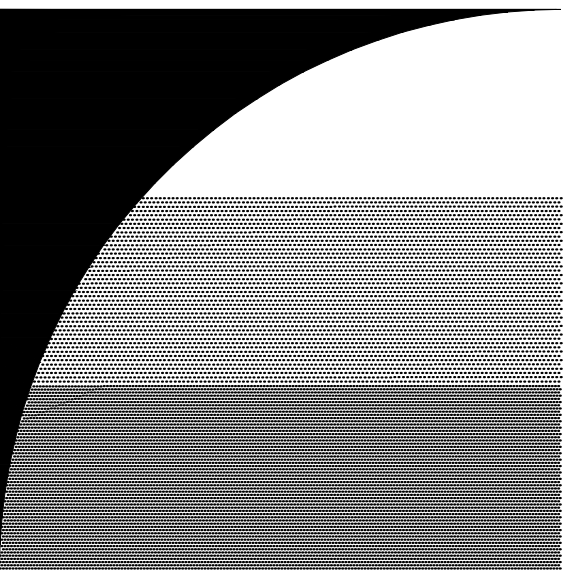
SECTION SCALE 1"= 16'-0"
LOCATION B



PLAN VIEW SCALE 1"=20'-0"
LOCATION A



PLAN VIEW SCALE 1"=20'-0"
LOCATION B



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LANDSCAPE ARCHITECTURE
LAND PLANNING • URBAN DESIGN

2671 CROW CANYON RD. SAN RAMON, CA 94583
T 925.736.8176 www.dgates.com

LIVE OAK ENTRY SIGNS

LIVE OAK, CA

ISSUE:	DESCRIPTION:	DATE:
ISSUE 1	SUBMITTAL	12/03/15
ISSUE 2	2 SUBMITTAL	02/17/16
ISSUE 3	3 SUBMITTAL	03/01/16
ISSUE 4	4TH SUBMITTAL	04/20/16
ISSUE 5	5TH SUBMITTAL	08/09/16
ISSUE 6	6TH SUBMITTAL	11/16/16
ISSUE 7	7TH SUBMITTAL	01/23/17
ISSUE 8	8TH SUBMITTAL	03/31/17
ISSUE 9	FINAL SUBMITTAL	11/14/17

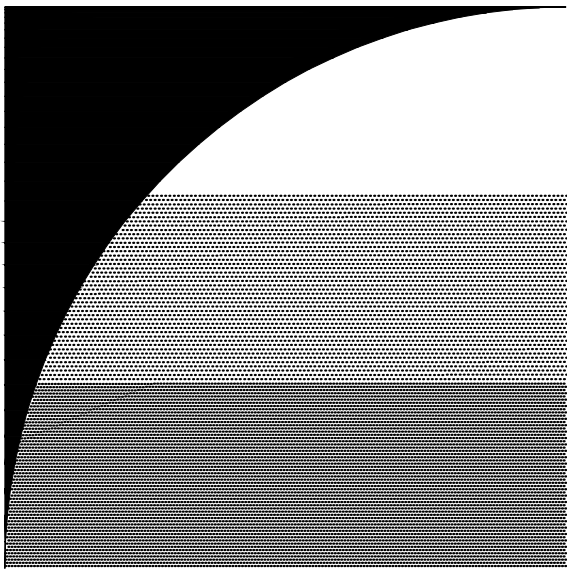


PROJECT NUMBER: 4718
DRAWN: MM
CHECK: AD
DATE: 11/14/2017

SCALE:
0 10' 20' 40'

LANDSCAPE LAYOUT

L.I.I



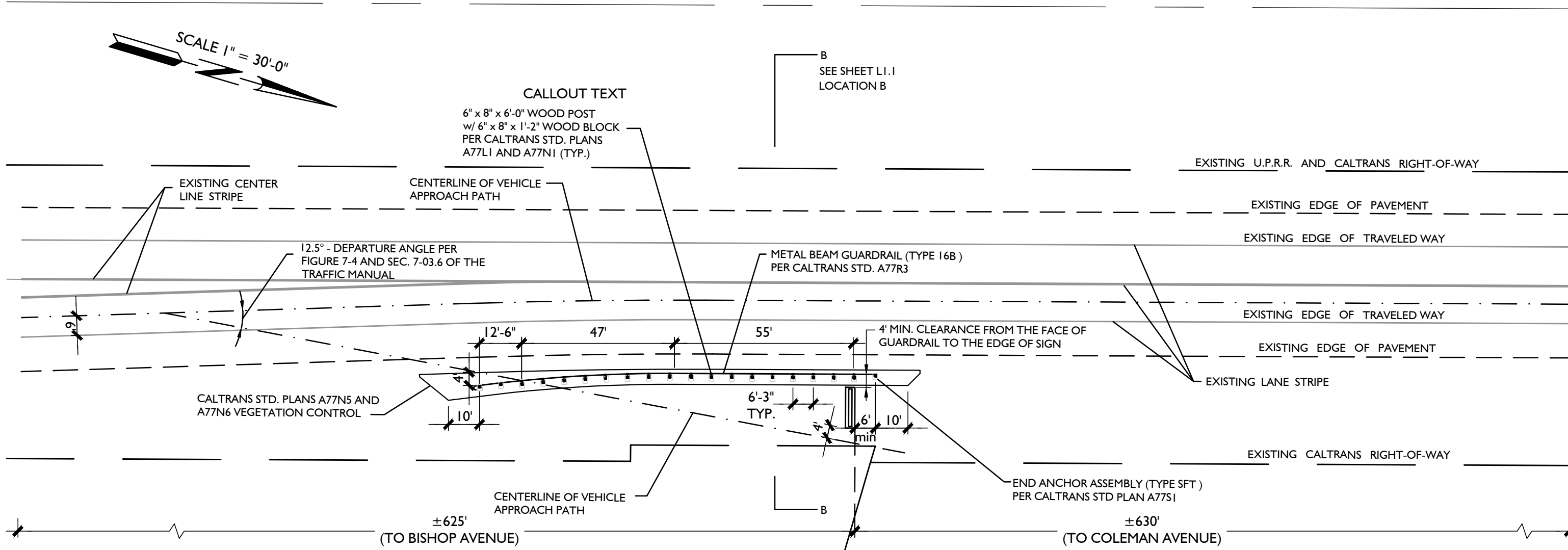
GATES +ASSOCIATES

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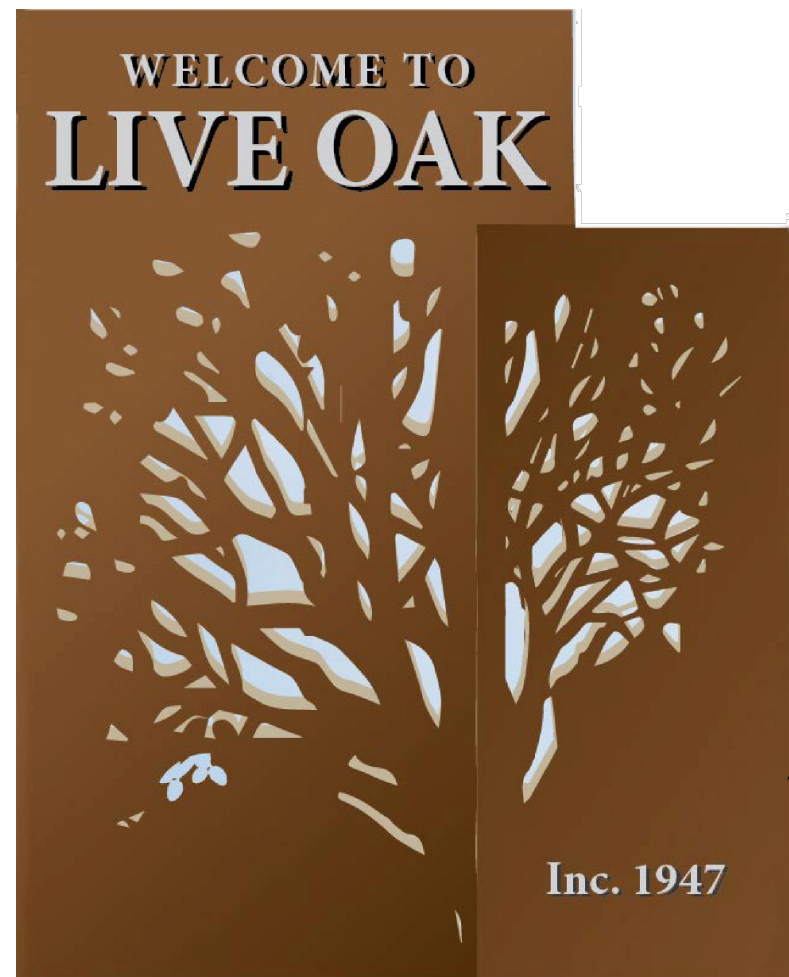
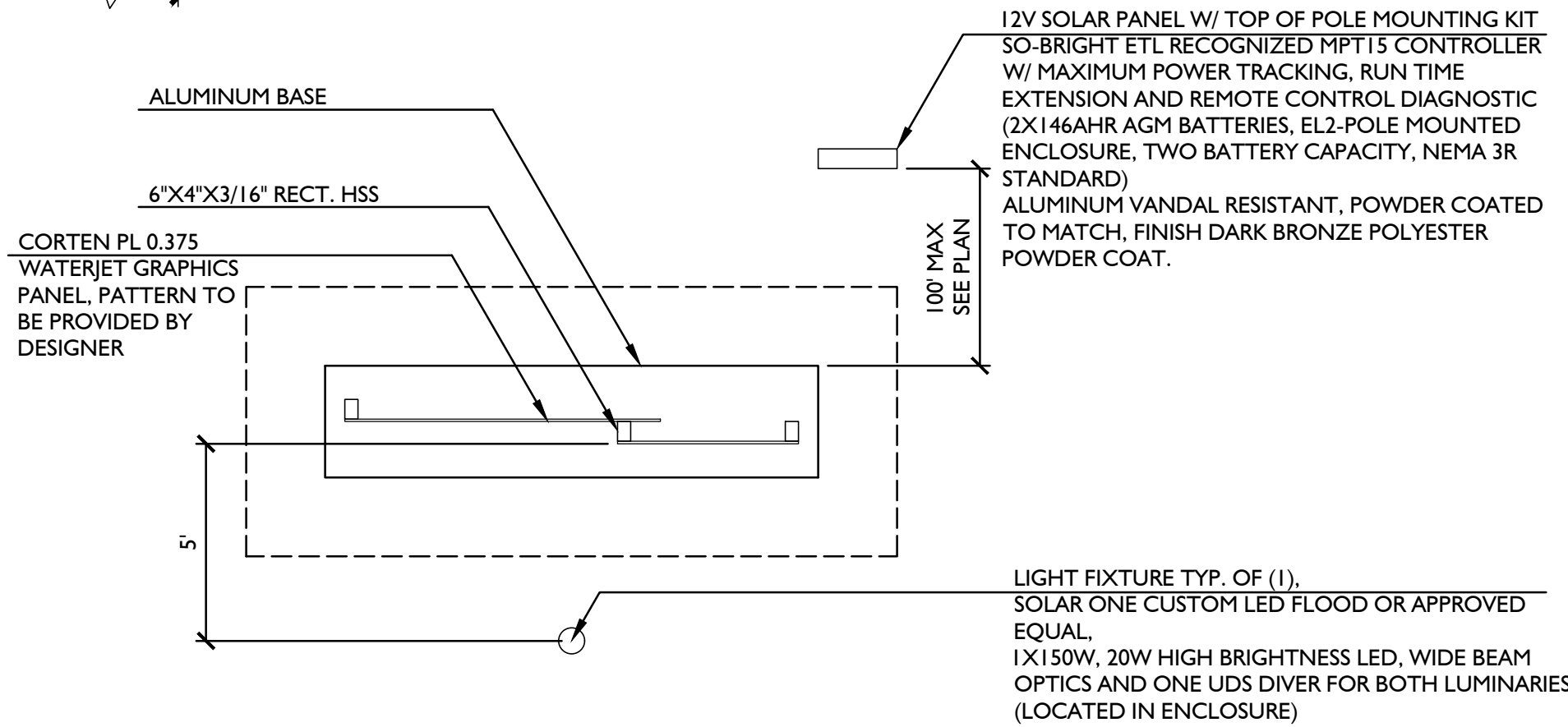
LIVE OAK ENTRY SIGNS

LIVE OAK, CA



2 MIDWEST GUARDRAIL

SCALE: 1" = 30'-0"



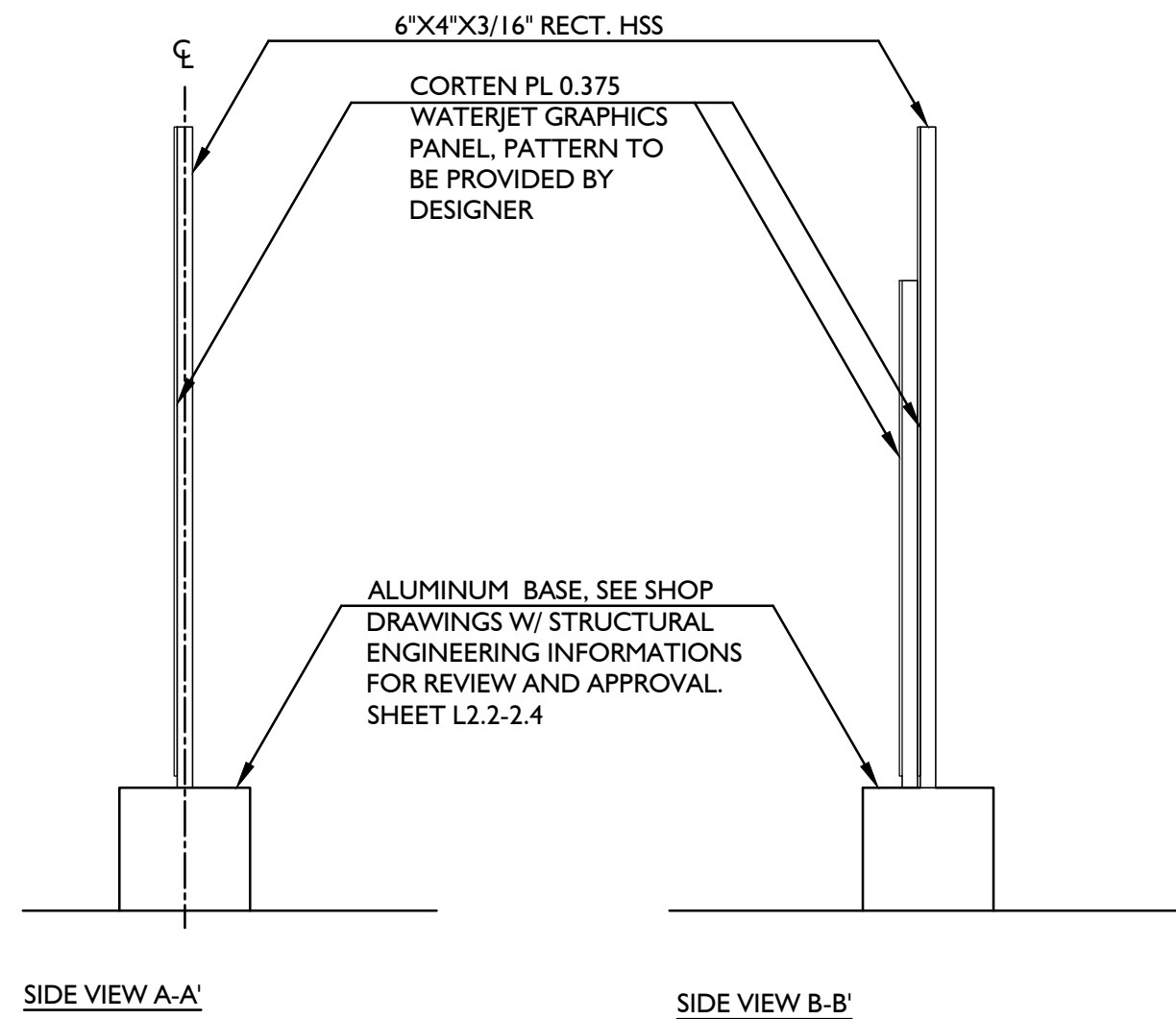
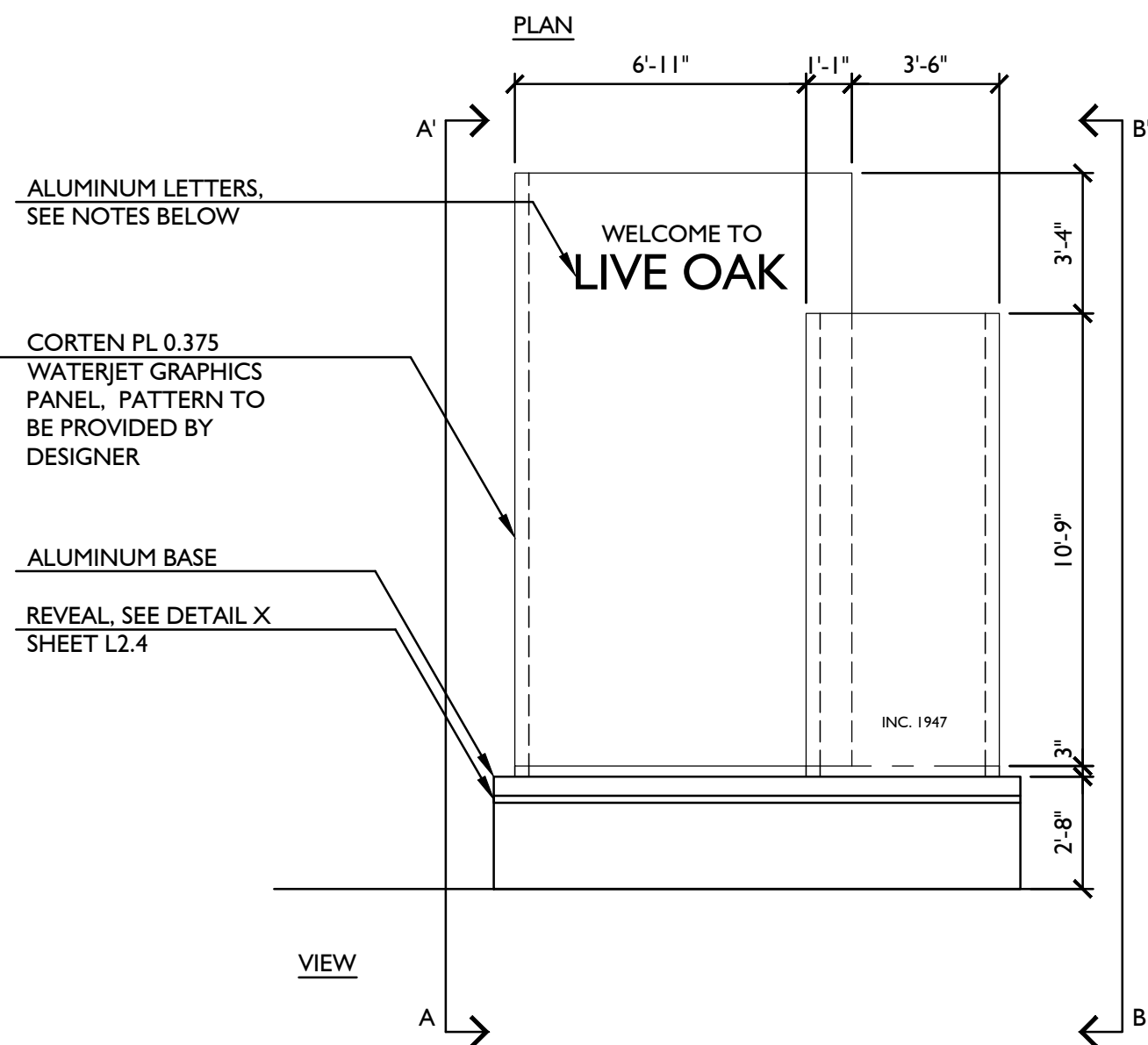
CORTEN PANEL PATTERN
NOTE: GRAPHIC WILL BE PROVIDED BY DESIGNER IN ELECTRONIC VERSION FOR LASER CUT



LIGHT FIXTURE DETAIL
LIGHT FIXTURE TYP. OF (2),
SOLAR ONE CUSTOM LED FLOOD OR APPROVED
EQUAL.
1X150W, 20W HIGH BRIGHTNESS LED, WIDE BEAM
OPTICS AND ONE UDS DIVER FOR BOTH LUMINARIES
(LOCATED IN ENCLOSURE)



SOLAR PANEL DETAIL
12V SOLAR PANEL W/ TOP OF POLE MOUNTING KIT
50-BRIGHT ETL RECOGNIZED MPT15 CONTROLLER
W/ MAXIMUM POWER TRACKING, RUN TIME
EXTENSION AND REMOTE CONTROL DIAGNOSTIC
(2X146AHR AGM BATTERIES, EL2-POLE MOUNTED
ENCLOSURE, TWO BATTERY CAPACITY, NEMA 3R
STANDARD)
ALUMINUM VANDAL RESISTANT, POWDER COATED
TO MATCH, FINISH DARK BRONZE POLYESTER
POWDER COAT.



NOTES:
1. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND STRUCTURAL
CALCULATIONS FOR APPROVAL
2. LETTERS: 'LIVE OAK' - ALUMINUM, 2" THICK, 13 3/8"-TALL, BRUSHED
ALUMINUM FACE, DRILL STAINLESS STEEL MOUNTING STUDS 1/2" INTO
3/4"-THICK CORTEN WITH A 1/4" STAINLESS STEEL SPACER, EPOXY.
NON-ILLUMINATED. FONT: MINION PRO.
LETTERS: 'WELCOME TO' - ALUMINUM, 1 1/2" THICK, 5 3/8"-TALL, BRUSHED
ALUMINUM FACE, DRILL STAINLESS STEEL MOUNTING STUDS 1/2" INTO
3/4"-THICK CORTEN WITH A 1/4" STAINLESS STEEL SPACER, EPOXY.
NON-ILLUMINATED. FONT: MINION PRO.
LETTERS: 'INC. 1947' ALUMINUM, 1" THICK, 5 1/8"-TALL, BRUSHED
ALUMINUM FACE, DRILL STAINLESS STEEL MOUNTING STUDS 1/2" INTO
3/4"-THICK CORTEN WITH A 1/4" STAINLESS STEEL SPACER, EPOXY.
NON-ILLUMINATED. FONT: MINION PRO.

ISSUE:	DESCRIPTION:	DATE:
ISSUE 1	SUBMITTAL	12/03/15
ISSUE 2	2 SUBMITTAL	02/17/16
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ISSUE 4	4TH SUBMITTAL	04/20/16
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ISSUE 6	6TH SUBMITTAL	11/16/16
ISSUE 7	7TH SUBMITTAL	01/23/17
ISSUE 8	8TH SUBMITTAL	03/31/17
ISSUE 9	FINAL SUBMITTAL	11/14/17



PROJECT NUMBER: 4718
DRAWN: MM
CHECK: AD
DATE: 11/14/2017
SCALE:

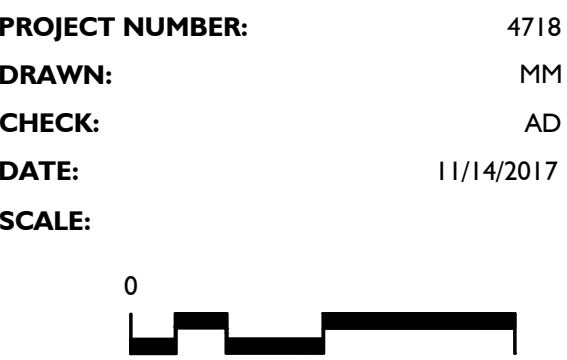
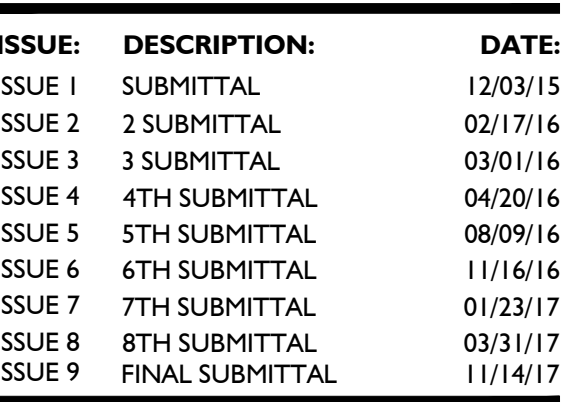


DETAILS

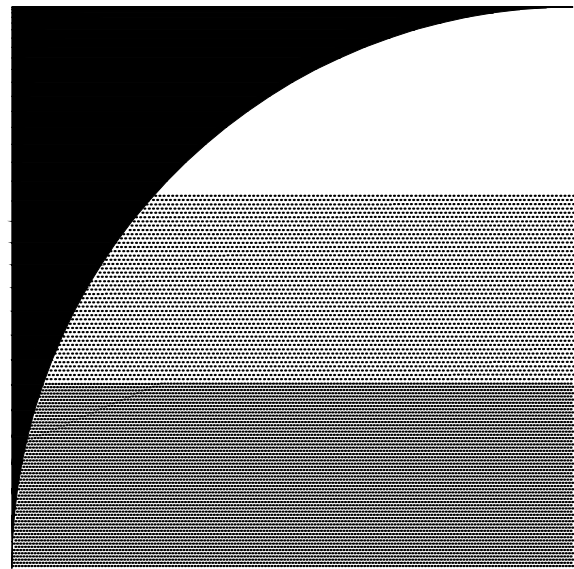
L2.1



LIVE OAK, CA



L2.2



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+ASSOCIATES

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LIVE OAK
ENTRY SIGNS

LIVE OAK, CA

ISSUE:	DESCRIPTION:	DATE:
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ISSUE 8	8TH SUBMITTAL	03/31/17
ISSUE 9	FINAL SUBMITTAL	11/14/17



PROJECT NUMBER: 4718
DRAWN: MM
CHECK: AD
DATE: 11/14/2017
SCALE:



DETAILS

L2.3

- of -



FINAL APPROVAL

Work on this job has been stopped at this point and will not be resumed until this drawing is signed and set back to Arrow Sign Company.

Please review this drawing carefully.
This is the final proof.

I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.

Approved by: _____

Date: _____

Job Name: LIVE OAK
Address:
City: LIVE OAK, CA
Date: 8/4/16
Sales: STEVE JONES
Designer: MICHAEL BENNETT
Design No.: 150625
Filename: LIVE OAK
Drawing No.: A1.3

Rev.	Date	DESCRIPTION
A	3/7/17	REV. SIGN CONST.

This is an original unpublished drawing prepared for you by Arrow Sign Co. in a sign program designed for your business. It is not to be shown to anyone outside of your organization or to be reproduced, copied or exhibited in any fashion.

Electrical Requirements

Circuit number	Amp Load	Voltage

The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.



FINAL APPROVAL

Work on this job has been stopped at this point and will not be resumed until this drawing is signed and set back to Arrow Sign Company.

Please review this drawing carefully.
This is the final proof.

I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.

Approved by: _____

Date: _____

Job Name: LIVE OAK
Address:
City: LIVE OAK, CA
Date: 8/4/16
Sales: STEVE JONES
Designer: MICHAEL BENNETT
Design No.: 150625
Filename: LIVE OAK
Drawing No.: A1.2

Rev.	Date	DESCRIPTION
A	3/7/17	REV. BASE CONST.

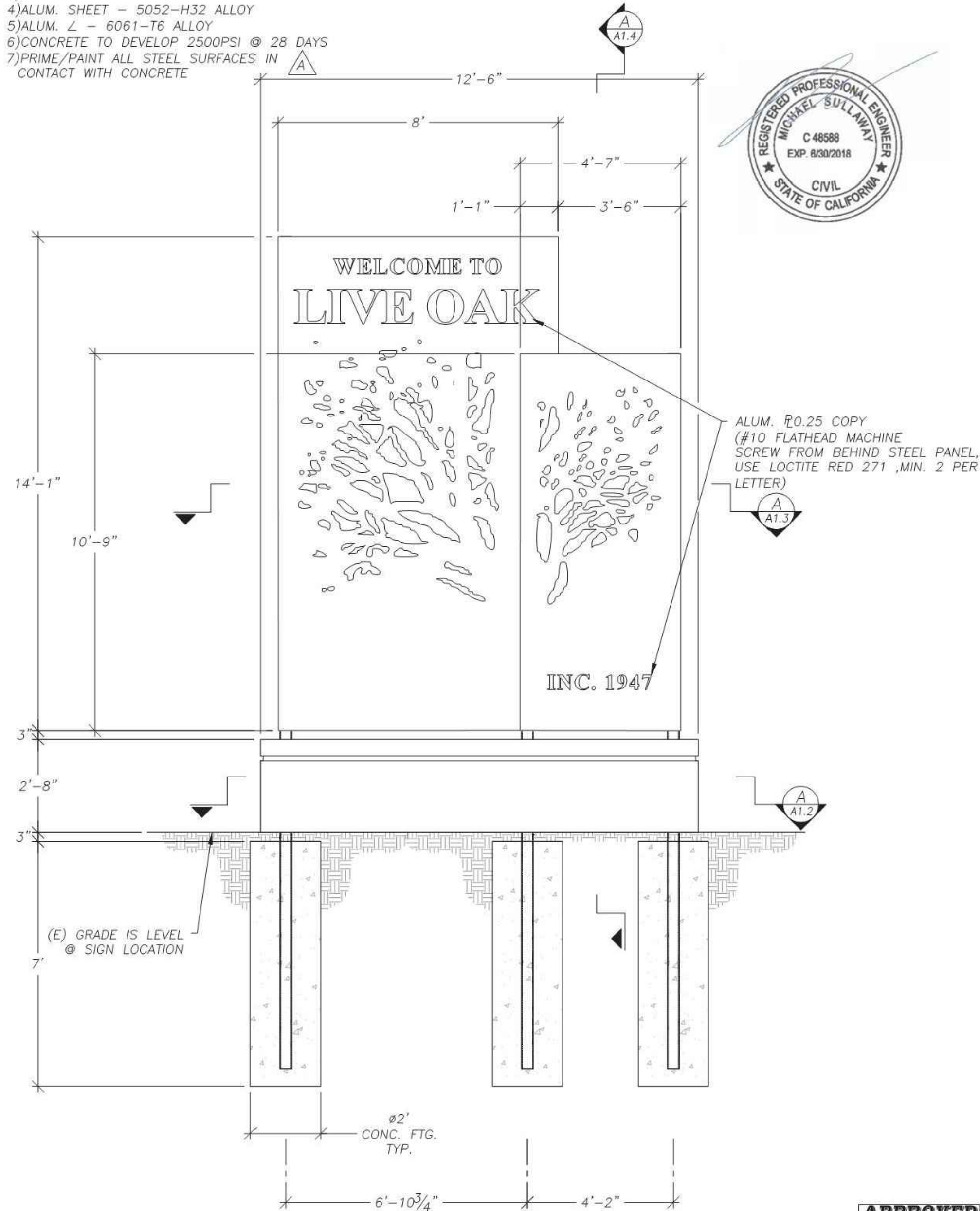
This is an original unpublished drawing prepared for you by Arrow Sign Co. in a sign program designed for your business. It is not to be shown to anyone outside of your organization or to be reproduced, copied or exhibited in any fashion.

Electrical Requirements

Circuit number	Amp Load	Voltage

The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.

- GENERAL NOTES:
1) CONSTRUCTION CONFORMS TO AASHTO LTS-6
2) STEEL TUBE - "CORTEN" ASTM A587
3) STEEL PLATE - "CORTEN" ASTM A588
4) ALUM. SHEET - 5052-H32 ALLOY
5) ALUM. L - 6061-T6 ALLOY
6) CONCRETE TO DEVELOP 2500PSI @ 28 DAYS
7) PRIME/PAINT ALL STEEL SURFACES IN CONTACT WITH CONCRETE



SIGN A ELEVATION

SCALE: 3/8"=1'



1051 46th Avenue
Oakland, CA 94601
Phone 510-533-7693
Fax 510-533-0815
Lic #314794

Job Name: LIVE OAK
Address:
City: LIVE OAK, CA
Date: 8/4/16
Sales: STEVE JONES
Designer: MICHAEL BENNETT
Design No.: 150625
Filename: LIVE OAK
Drawing No.: A1.1

Rev.	Date	DESCRIPTION
A	1/11/17	ADD GEN. NOTE
B	3/7/17	REV SIGN CONST.
C	4/11/17	CODE PER AASHTO

Electrical Requirements
Circuit number
Amp Load
Voltage

FINAL APPROVAL

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Please review this drawing carefully.
This is the final proof.

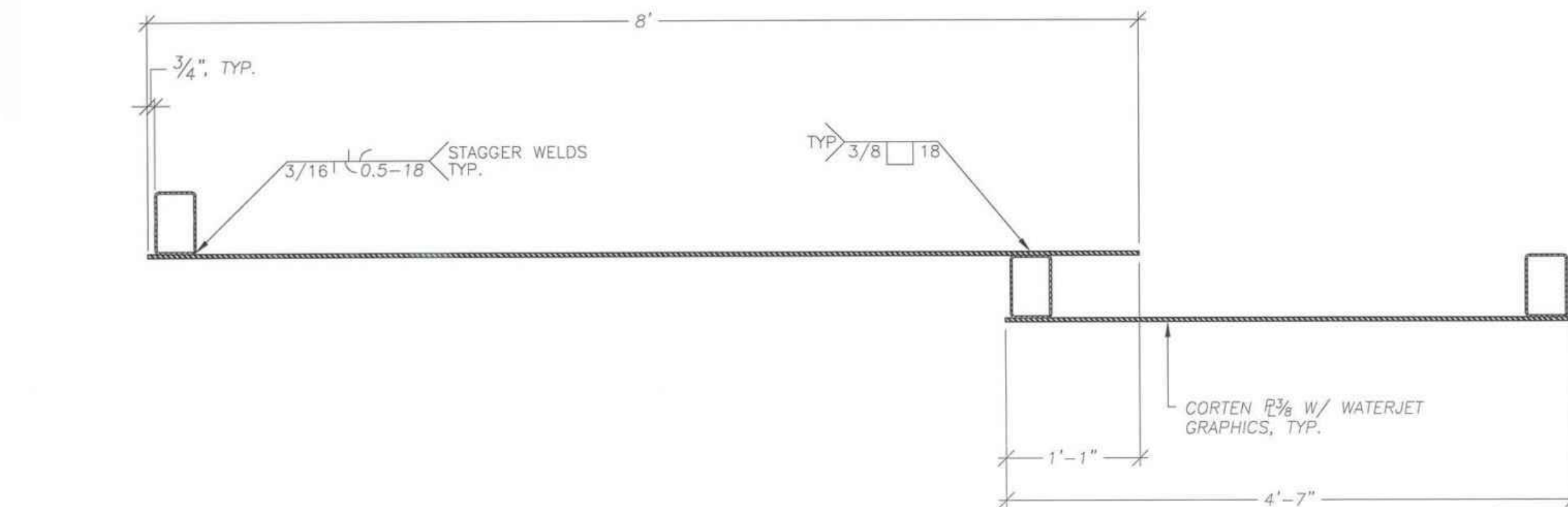
I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.

Approved by: _____

Date: _____

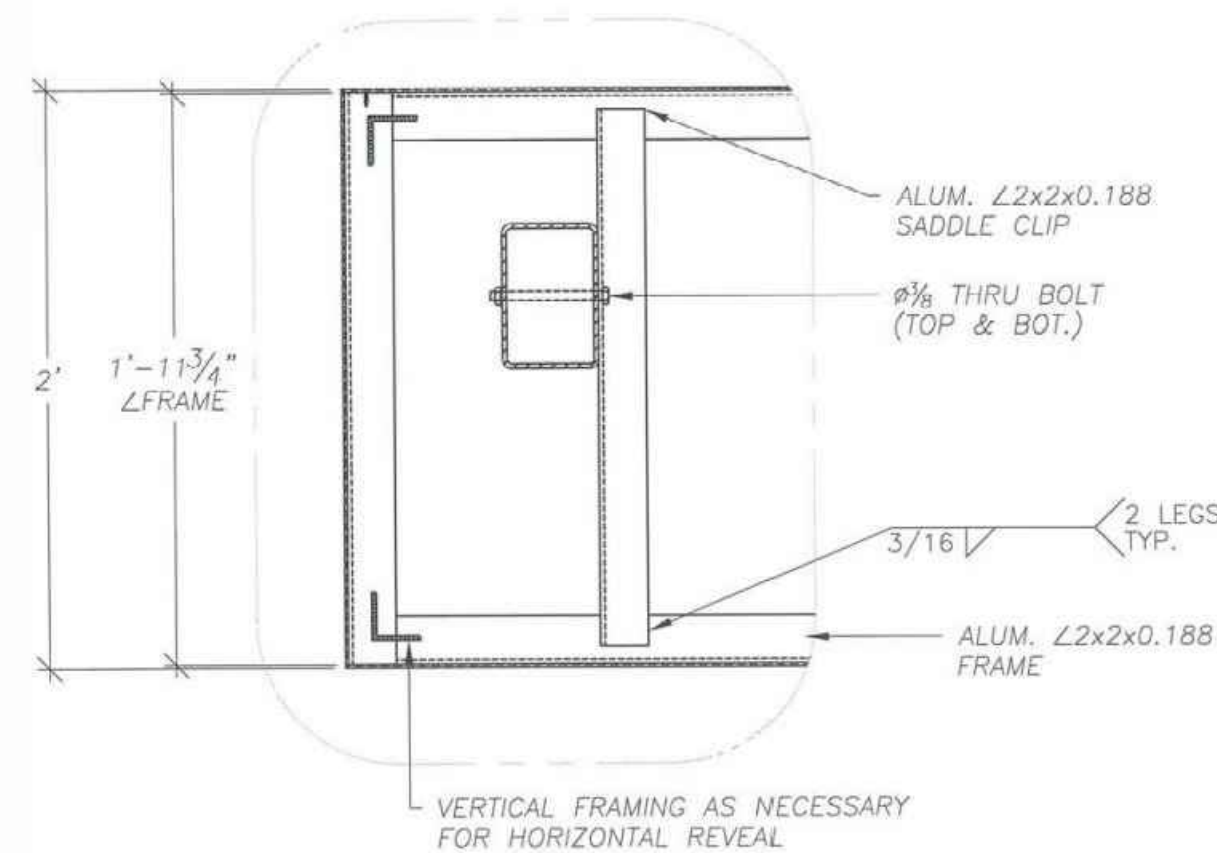


The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.



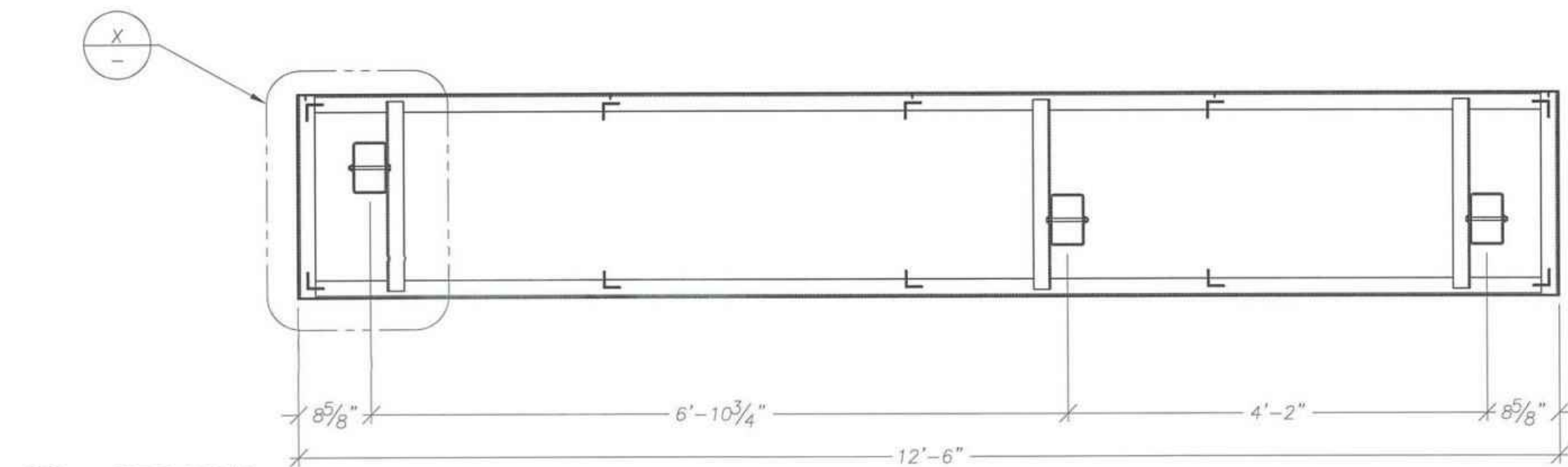
SECTION A

SCALE: 1"=1'



DETAIL X

SCALE: 1 1/2"=1'



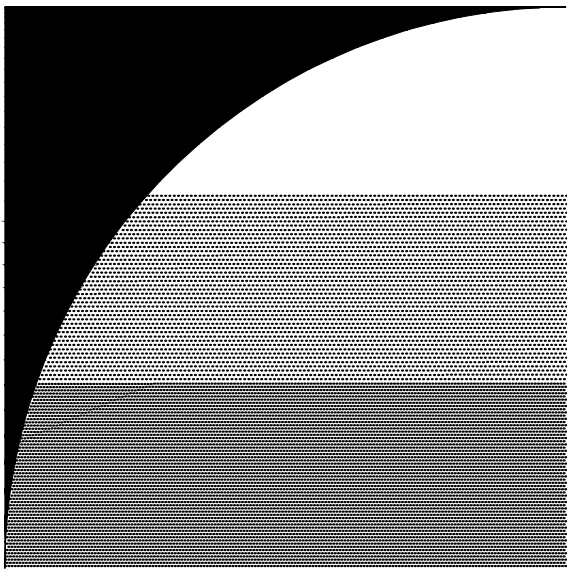
SECTION A

SCALE: 3/4"=1'



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Oakland, CA 94601
Phone 510-533-7693
Fax 510-533-0815
Lic #314794

The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.



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LIVE OAK
ENTRY SIGNS

LIVE OAK, CA

ISSUE:	DESCRIPTION:	DATE:
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ISSUE 9	FINAL SUBMITTAL	11/14/17



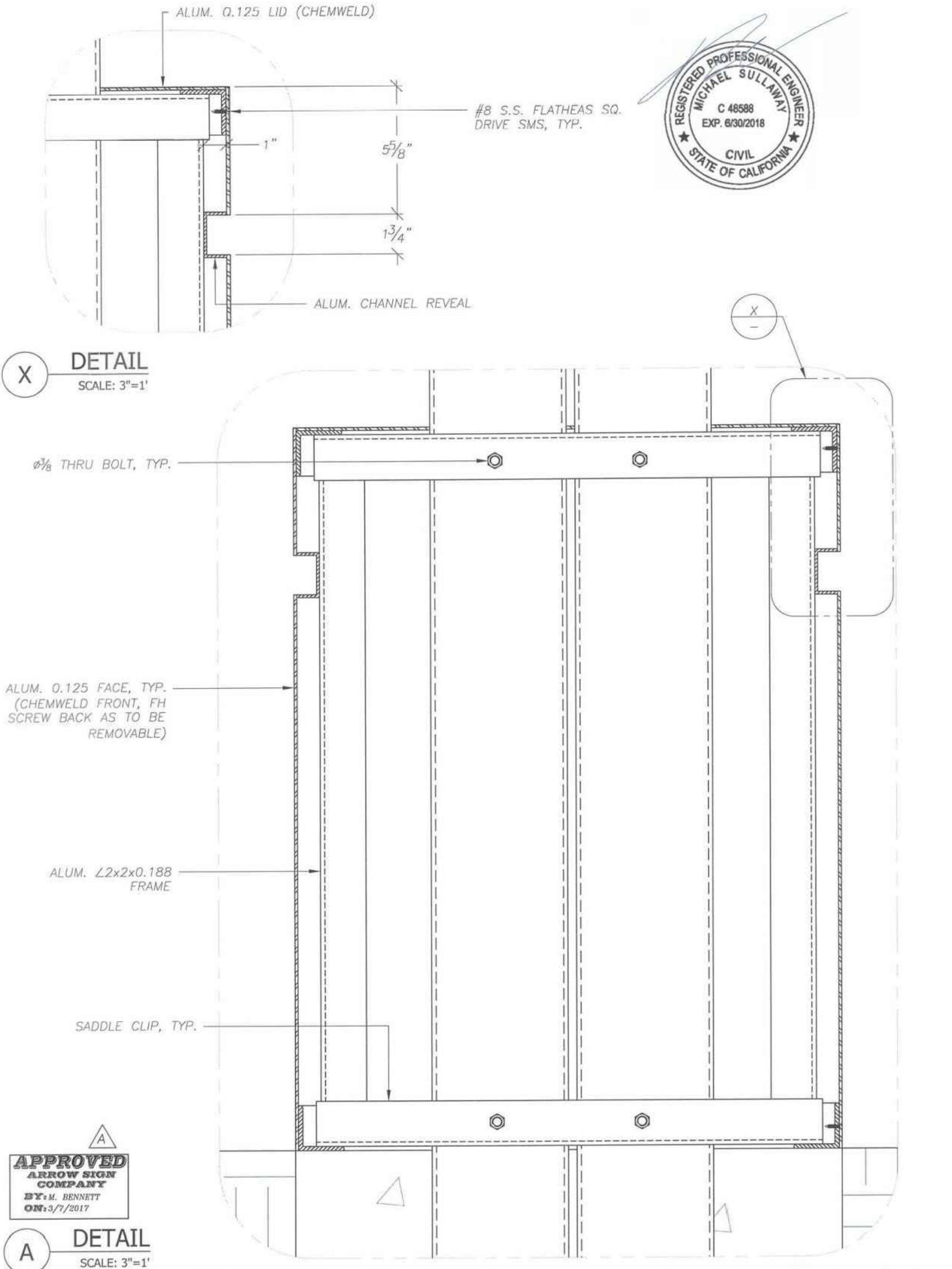
PROJECT NUMBER: 4718
DRAWN: MM
CHECK: AD
DATE: 11/14/2017
SCALE:



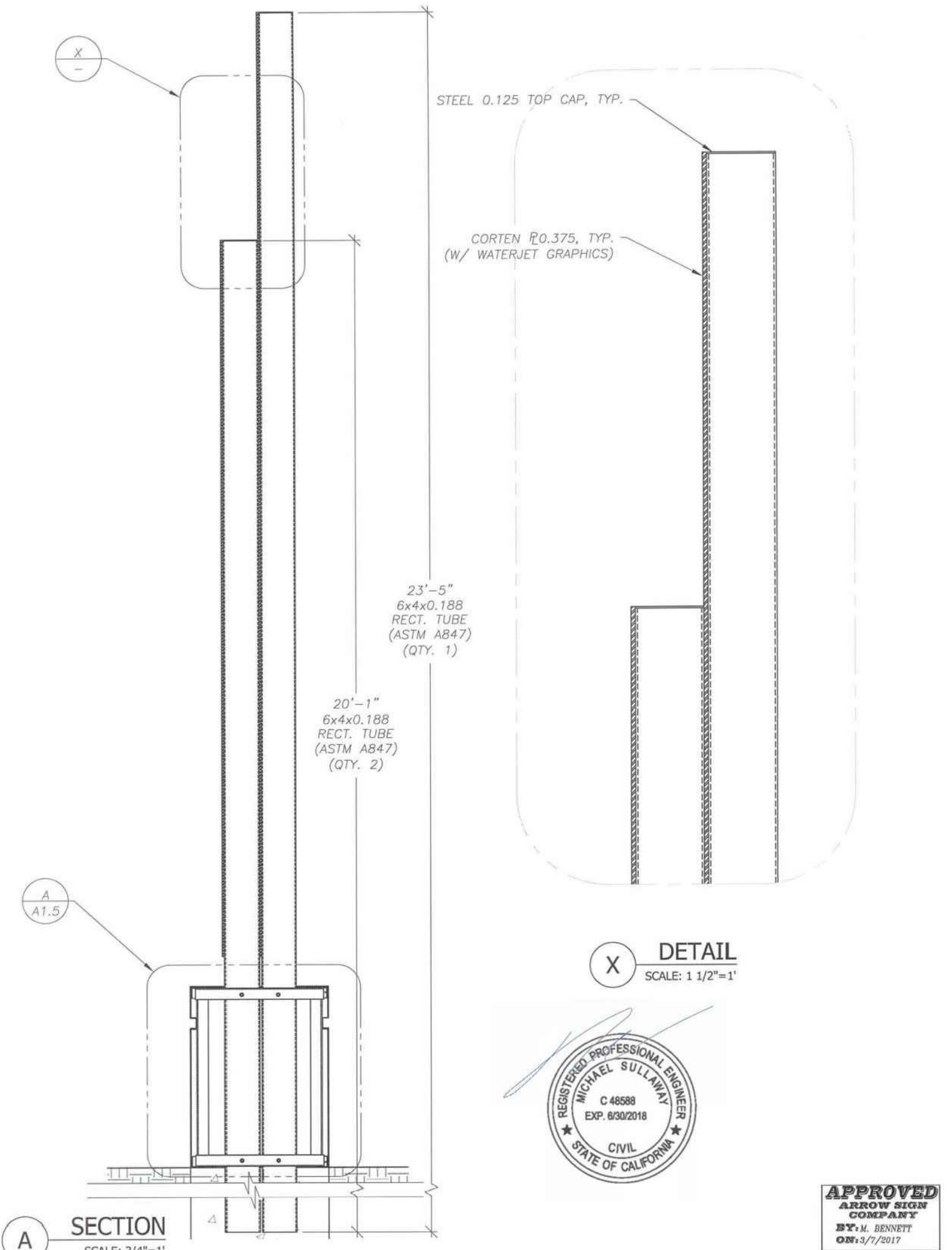
DETAILS

L2.4

- of -



Rev.	Date	DESCRIPTION	Electrical Requirements	FINAL APPROVAL
A	1/11/17	ADD CAP @ BOT.	Circuit number Amp Load Voltage	Work on this job has been stopped at this point and will not be resumed until this drawing is signed and set back to Arrow Sign Company. Please review this drawing carefully! This is the final proof. I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal. The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others. Approved by: _____ Date: _____
B	3/7/17	REV. BASE CONST.		



Rev.	Date	DESCRIPTION	Electrical Requirements	FINAL APPROVAL
A	3/7/17	REV. SIGN CONST.	Circuit number Amp Load Voltage	Work on this job has been stopped at this point and will not be resumed until this drawing is signed and set back to Arrow Sign Company. Please review this drawing carefully! This is the final proof. I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal. The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others. Approved by: _____ Date: _____

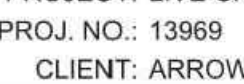
1051 46th Avenue
Oakland, CA 94601
Phone 510-533-7693
Fax 510-533-0815
Lic #314794



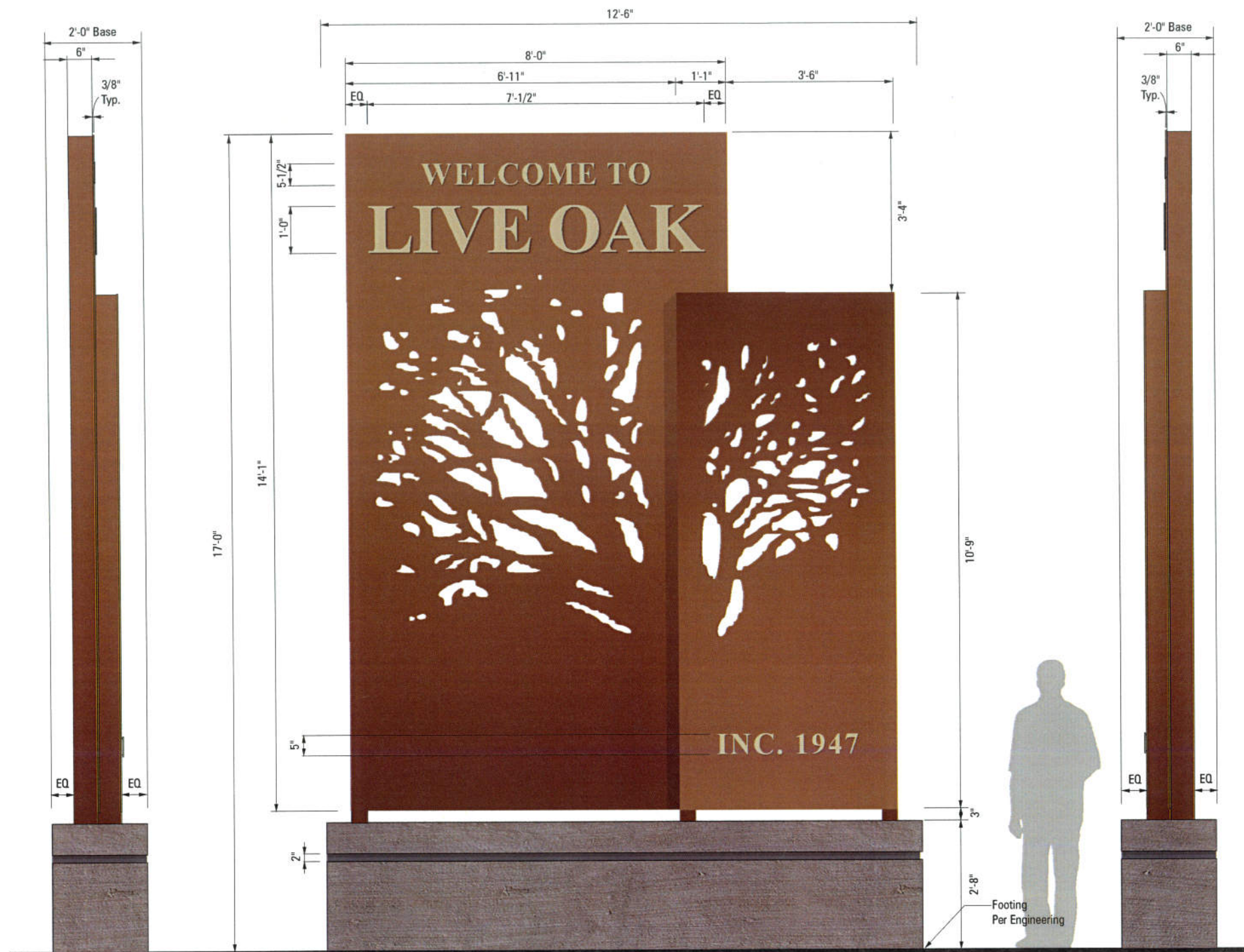
LIVE OAK, CA

	10815 Rancho Bernardo Rd., SD, CA 92127 projectmanager@sullawayeng.com Phone: 858-317-5150 Fax: 858-777-3534 www.sullawayeng.com
PROJECT: LIVE OAK	DATE: 4/21/2017
PROJ. NO.: 13969	ENGINEER: OE
CLIENT: ARROW SIGN COMPANY	

PIER FOOTING WITH EMBEDDED POLE USING AASHTO LOAD COMBINATIONS LFRD FACTORED REACTIONS <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">M</td> <td style="width: 15%; border: 1px solid black; text-align: center;">16.81 k-ft</td> <td style="width: 10%;">Moment at grade</td> <td style="width: 15%;">44.24 k-ft x38%</td> </tr> <tr> <td>V</td> <td style="border: 1px solid black; text-align: center;">2</td> <td>Shear at grade</td> <td>5.28 k x38%</td> </tr> <tr> <td>B</td> <td style="border: 1px solid black; text-align: center;">6</td> <td colspan="2">Footing diameter (or diagonal)</td> </tr> </table> SOIL CLASS: 5 <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">s</td> <td style="width: 15%;">100 psf/ft</td> <td style="width: 10%;">Lateral bearing per IBC Table 1806.2</td> <td style="width: 15%;"></td> </tr> <tr> <td>s'</td> <td>267 psf/ft</td> <td>Increased per IBC 1806.1 & 1806.3.4</td> <td></td> </tr> </table> PIER DEPTH: 6 ft. - 11 in 7 ft.-0" ok PIER DIAMETER: 2 ft. - 0 in	M	16.81 k-ft	Moment at grade	44.24 k-ft x38%	V	2	Shear at grade	5.28 k x38%	B	6	Footing diameter (or diagonal)		s	100 psf/ft	Lateral bearing per IBC Table 1806.2		s'	267 psf/ft	Increased per IBC 1806.1 & 1806.3.4		EQUIVALENT ASD REACTIONS <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">M</td> <td style="width: 15%;">10.09 k-ft</td> <td style="width: 10%;">Moment at grade (0.6*W)</td> <td style="width: 15%;"></td> </tr> <tr> <td>V</td> <td>1.2 k</td> <td>Shear at grade</td> <td></td> </tr> <tr> <td>w</td> <td>1.3</td> <td>Per IBC 1605.3.2</td> <td></td> </tr> <tr> <td>P</td> <td>1560 lb</td> <td>Lateral Wind Force</td> <td></td> </tr> </table> COMPUTATION PER IBC 1807.3.2.1 <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">h</td> <td style="width: 15%;">8.41 ft</td> <td style="width: 10%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>d</td> <td>6.907 ft</td> <td></td> <td></td> </tr> <tr> <td>S1</td> <td>614.7 psf</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>2.969 ft</td> <td></td> <td></td> </tr> </table>	M	10.09 k-ft	Moment at grade (0.6*W)		V	1.2 k	Shear at grade		w	1.3	Per IBC 1605.3.2		P	1560 lb	Lateral Wind Force		h	8.41 ft			d	6.907 ft			S1	614.7 psf			A	2.969 ft		
M	16.81 k-ft	Moment at grade	44.24 k-ft x38%																																																		
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A	2.969 ft																																																				

		10815 Rancho Bernardo RD., SD, CA 92127 projectmanager@sullawayeng.com	
PROJECT: LIVE OAK PROJ. NO.: 13969 CLIENT: ARROW SIGN COMPANY		DATE: 4/21/17 ENGINEER: OE	
v3.1 building code; CBC 2016		units; pounds, feet unless noted otherwise	
Applied Wind Loads; from AASHTO LRFD Specifications for Highway Signs			
Pz	=	0.00256 * Kz * Kd * G * V ² * Cd	
Kz	=	0.86	Article 3.8.4 z = 16.9 ft
Kd	=	0.85	Article 3.8.5
G	=	1.14	Article 3.8.6
V	=	110 mph	C3.8 & Figure 3.8-1a: Typical-Risk 700 Year MRI
Cd	=	1.12	Article 3.8.7
As	=	182.5 ft ²	
F	=	28.94 psf	c.g. = 8.38 ft above grade
F	=	As * Pz	
F	=	5.28 kips @ c.g.	
Mgrade	=	44.24 kip-ft	
Vgrade	=	5.28 kips	

L2.5



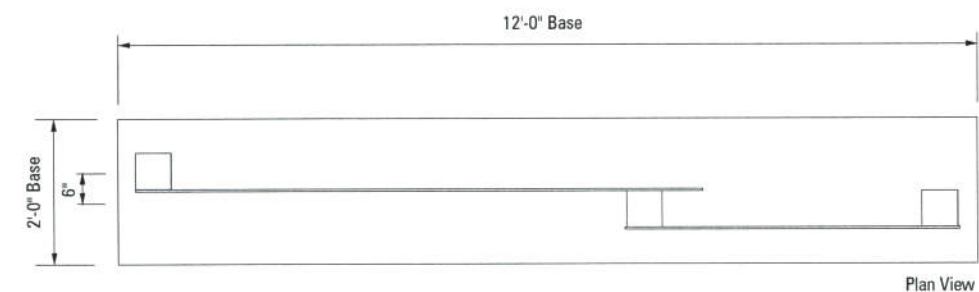
A B SIGN ELEVATION SCALE: 3/8" = 1'-0"

SPECIFICATION

Manufacture and install two (2) single-faced flood illuminated monument signs

ITEM	DESCRIPTION	VENDOR	SPECIFICATION
Faces	3/8" Corten		Tree Image to be Waterjet Cut
Post	6" x 4" Corten tube		Corten
Copy	1/4" Aluminum	Matthews	Sandlewood Metallic MP20051
Base	Aluminum	Kelly Moore	KM4579-2 Ghost Town w/Textcote Finish

Note: Customer Vector Art Required Prior to Production.



1051 46th Avenue
Oakland, Ca 94601
T. 510.533.7693
F. 510.533.0815
www.arrowsigncompany.com

Project

Live Oak
Live Oak, Ca

Date:

06/22/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

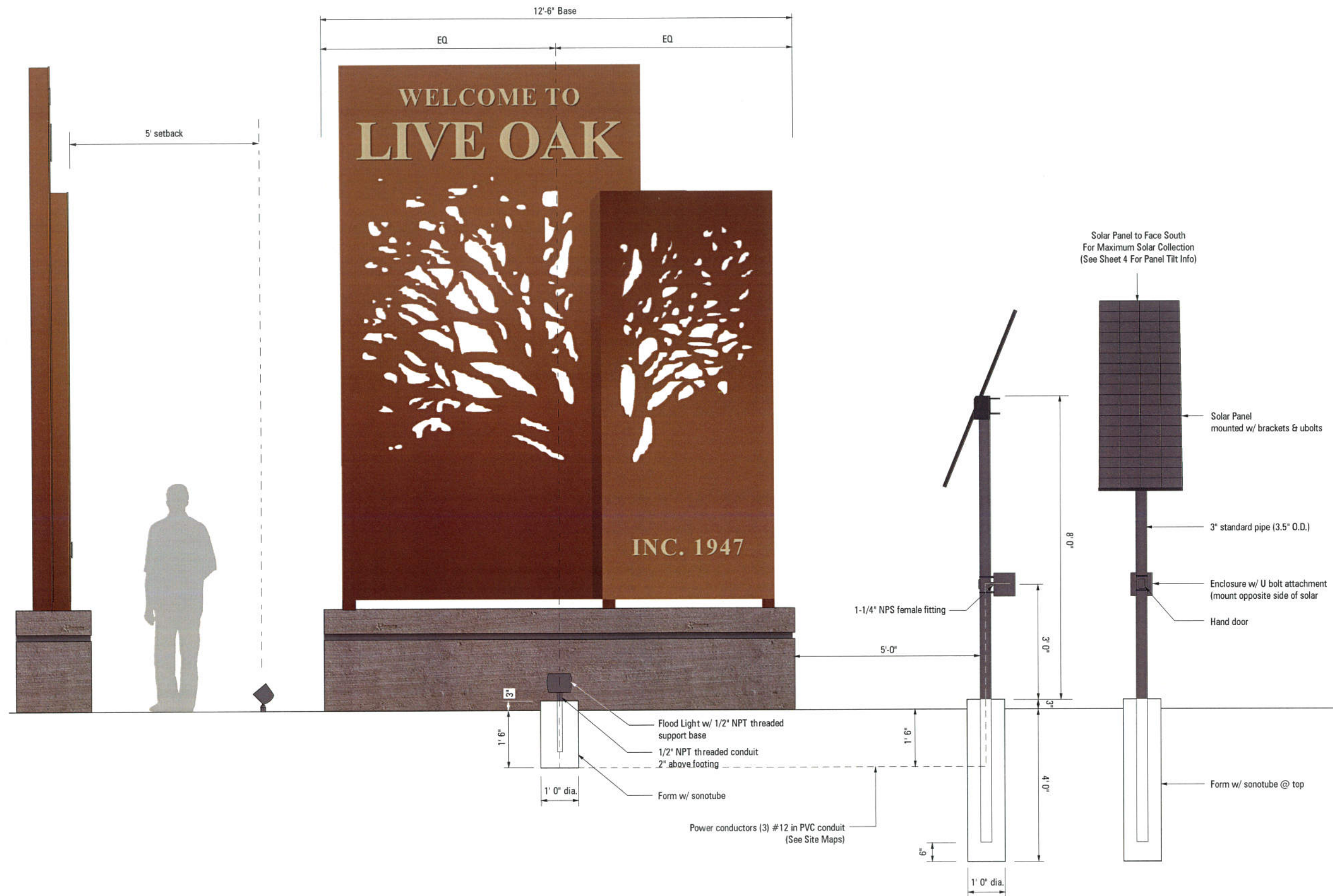
Rev.	Date	Description
A	2/23/17	Added New Cut Sheet
B	3/02/17	Added B to Specs (For Signs A/B)
C	3/07/17	Revise base size, Chg. post to corten

Customer Approval

This drawing is a representation of colors and may not accurately depict final color of product. Refer to paint swatch or material samples for color reference.

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150625



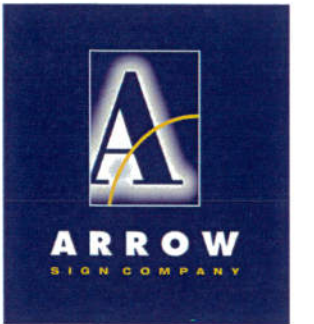
A B SIDE ELEVATION

SCALE: 3/8" = 1'-0"

A B FRONT ELEVATION

Install Solar Light Fixture as Shown

SCALE: 3/8" = 1'-0"



1051 46th Avenue
Oakland, Ca 94601
T. 510.533.7693
F. 510.533.0815
www.arrowsigncompany.com

Final Approval

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Approved: _____ Date: _____

Project

Live Oak
Live Oak, Ca

Date:

06/225/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

Rev.	Date	Description
A	8/01/16	Updated Measurements
B	8/02/16	Added Flood Light Spacing
C	9-9-16	Revise size of base
D	2-23-17	Updated Drawing And Fixture Setback
E	2-24-17	Updated Flood Fixture Quantity
F	3-02-17	Updated Solar Info
G	3-07-17	Revise base size, Add footing

Customer Approval

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150625



LPF1 Small LED Flood Light

The Solar Small Flood Light LED luminaire (LPF1) is designed for many applications. Its state-of-the-art long life LED technology provides energy efficient lighting for landscapes, accenting signage or displays, facades and many other lighting applications. Replacing equivalent 70W or above HID lamps small flood light is offered in standard neutral white of 4000K. The LPF1 comes standard with a 1/2" NPT knuckle mount to allow for wide range of aiming and adjustability.

PROJECT: G0076 - Live Oak Monument

PRODUCT MATRIX

SAMPLE CATALOG NUMBER: LPF1-M512



Pick Driver based on Desired Input Volatge
See IES files for details on light patterns

PRODUCT FEATURES

Housing: Die-cast housing houses both the LED and fixture assemblies. Design incorporates integrated heatsinking to maximize thermal performance and reliability.

Operating Temperature: -40 °C to 40 °C (-40 °F to 104 °F)

LEDs: A single Chip On Board (COB) LED and provides 89 lm/W efficacy at the system level. Standard color temperature is 4000K with minimum of 80 CRI.

Optical System: Luminaire consists of a specular vacuum metalized reflector that provides a very uniform and highly efficient all purpose flood distribution, suitable for use in wide range of applications.

LED Thermal Management: Housing design integrates thermal heatsinking between the optical and driver assemblies, allowing for passthrough convective cooling which promotes airflow for improved and maximum heat dissipation. This results in maximized performance and reliability of critical components to ensure long LED system life.

IP ratings: IP66 rated optcal chamber.

Driver: PWM Dimmable Driver. Powered from 12 or 24VDC.

Mounting: Standard with a 1/2" NPT knuckle mount to allow for wide range of aiming and adjustability.

Finish: Each luminaire recieves a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powder coat finish. Standard finish on all LPF1 luminaires is Textured Dark Bronze.

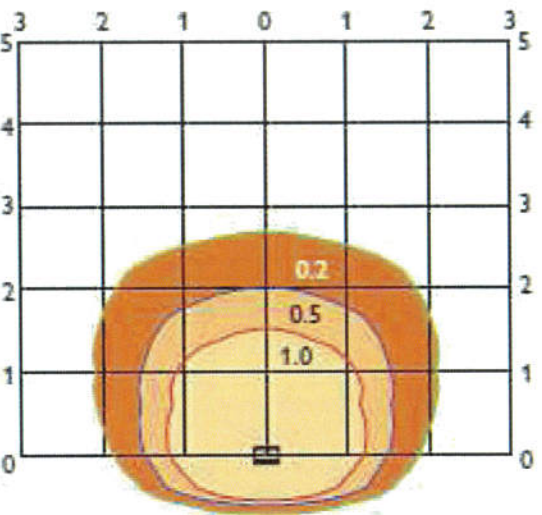
Certificates and Compliances: UL/cUL listed per UL 1598, suitable for wet locations.

Warranty: 5-yr limited warranty. See SolarOne warranties for details and restrictions.

Perfortmance Specifications

Beam Specs	Flood (FL)
Initial Lumen (4K and 5K)	1,773
Average Wattage	20W
Lumen/Watt	89
NEMA Beam	6Hx6V
50% beam (horizontalxvertical)	100°x100°
10% beam (horizontalxvertical)	124°x128°
Max Candela	748 cd

Photometrics



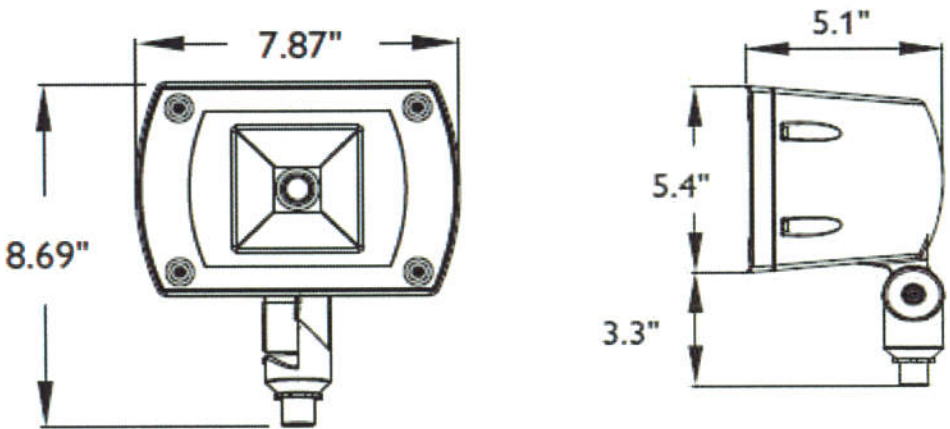
Mounting Height (ft)	15	12	10	8	6
Multiplier	0.38	0.66	1.0	1.6	2.6

Notes:

Grid is in multiples of mounting height and values shown are in footcandles. Values shown are based on initial lumens

LPF1 20W, 10 feet mounting height, 30° tilt

Dimensions



Weight: 4.8 lbs (2.18 kg)

EPA: 0.27 sq. ft



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Design:

☐ Randy Tucker

File Name/Location:

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Rev.	Date	Description
A	2/23/17	Added New Cut Sheet

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150625



TP/TPT Solar Panel Kits

SolarOne's TP and TPT Series Solar Panel Kits are designed to charge the batteries in SolarOne's standard Power Centers. The Solar Kits include arrays from 60W to 380W plus the hardware mount the array to the top of a pole. Solar panels are high-quality poly and mono (see specs) crystalline technology with aluminum frames and standard MC4 plugs. Mounting kits are polyester powder coated aluminum with stainless steel hardware. All kits are designed to mount to a 3.5in OD tenon and poles should have a 3/4 NPS fitter for routing the solar panel wire.

PROJECT: **G0076 - Live Oak Monument**

PRODUCT MATRIX

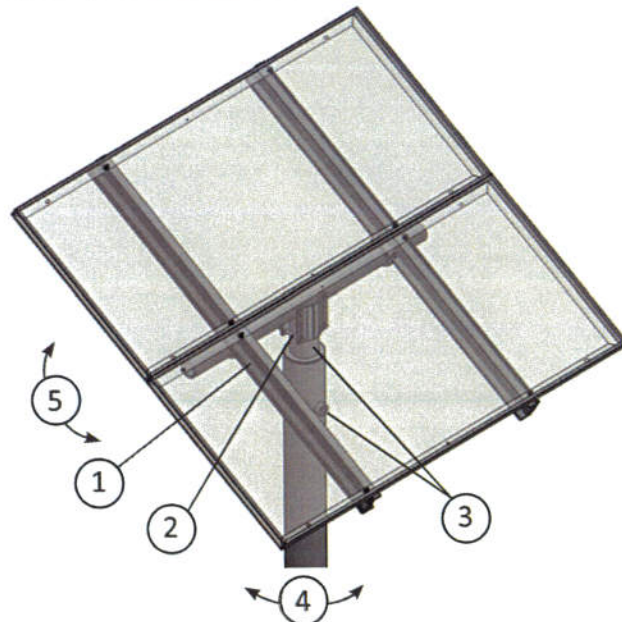
SAMPLE CATALOG NUMBER: 1P100J-

1P100A		TP3
SOLAR PANELS		MOUNT SERIES
P60A - one 60W panel	1P150A- one 150W panel	TP - Small Style
1P100A - one 100W panel	2P150A- two 150W panels, 300W	TPT - Large Style
2P100A - two 100W panels, 200W	1P190P- one 190W panel	
1P100J - one 100W monocrystal panel	2P190P- two 190W panels, 380W	
2P100J - two 100W monocrystal panels, 200W	1P270- one 270W panel	
1P140K - one 140W panel		
2P140K - two 140W panels, 280W		

Mount kits are sized to fit panels. See table on page 2 for specific mounting kits.
Panel selection may change based on availability

PRODUCT FEATURES

- 1. Aluminum.** The mounting kit is constructed from strong 6061 and 6005 aluminum alloys.
- 2. Stainless Hardware.** All hardware for the mounting kit is Stainless Steel.
- 3. Standard Attachment.** All mounts are designed to work with the same 3.5in OD pole tenon. Tenon should be about 6in tall. 3/4in NPS fitter should be welded to pole near the top for solar panel wires.
- 4. 360 degree Horizontal Rotation.** The panel rotates around the top of the pole and can be aimed south (to maximize solar energy collection) regardless of the orientation of the pole.
- 5. 90 Vertical Rotation.** The panel is normally tilted at an angle equal to the site's latitude + 15 degrees for maximum energy collection in the winter.
- 6. MC4 Quick Connectors.** SolarOne provides all the required cables to wire the solar array to the controller. Industry standard MC4 connectors are used for the solar array for quick, weatherproof installation.
- 7. Polyester Powder Coat.** All mounting kits are painted with durable TGIC polyester powder coat to match the other components in the system. Standard and custom colors available. Marine grade finish available for extreme environments.



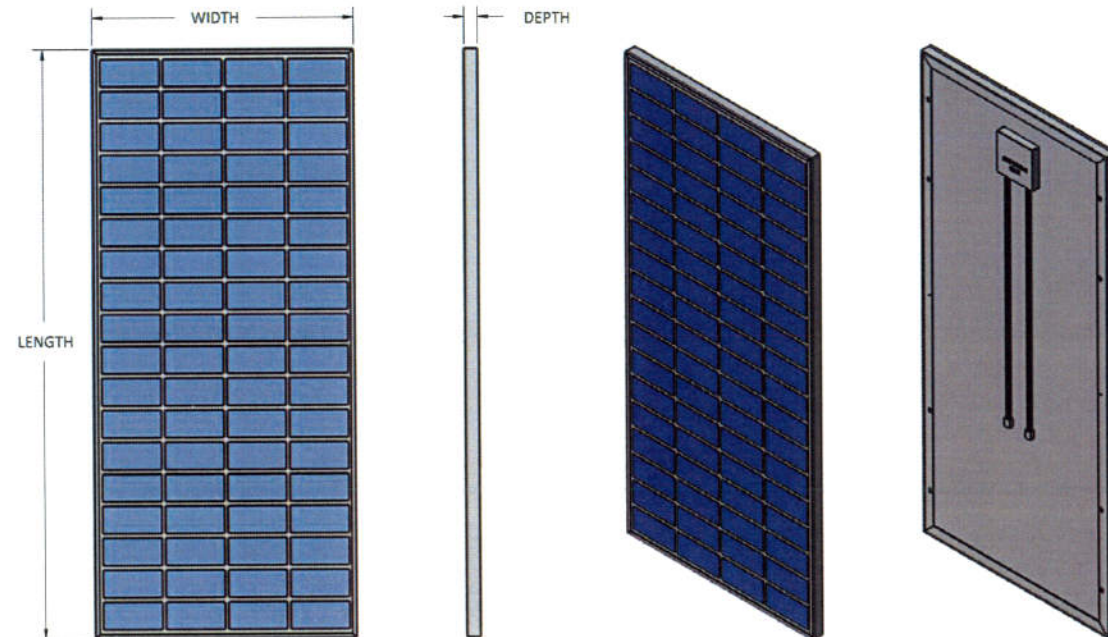
8. Sized for Your Location. SolarOne will select the right array based on the absolute minimum solar resource for your location. This ensures your system is sized to provide reliable performance all year long. Having a wide selection of arrays allows us to provide the best performance and lowest cost for your project.

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SOLAR SPECIFICATIONS

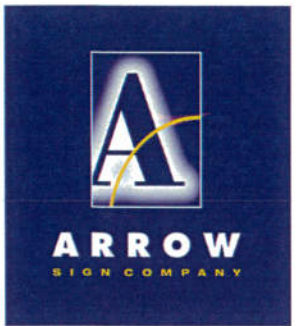
Solar Panel	Overall Panel Dimensions length x width x depth	Top of Pole Mount Kit	EPA at 45 deg (for reference only, use exact tilt for pole calculations)	Solar Weight	Mount Weight	Pole Tenon	Certification
60W	26.57 x 25.75 x 1.38 in 674 x 654 x 35 mm	TP1	3.9 sq-ft 0.36 sq-m	12.57 lbs 5.7 kg	9.2 lbs 4.2 kg	3.5 in OD 89 mm OD	UL 1703
100W	39.9 x 26.3 x 1.38 in 1013 x 668 x 35 mm	TP3	5.2 sq-ft 0.48 sq-m	19.8 lbs 9.0 kg	11.0 lbs 5.0 kg	3.5 in OD 89 mm OD	UL, Hazardous Environment
100W mono	40.8 x 20.7 x 2.1 in 1036 x 526 x 53 mm	TP3	4.2 sq-ft 0.39 sq-m	16.3 lbs 7.4 kg	11.0 lbs 5.0 kg	3.5 in OD 89 mm OD	IEC 61215
150W (A)	59.1 x 26.6 x 1.97 in 1500x 675 x 50 mm	TP4	7.3 sq-ft 0.68 sq-m	26.7 lbs 12.1 kg	11.2 lbs 5.1 kg	3.5 in OD 89 mm OD	UL 1703 /Hazardous C1D- Class 1, Division 2
140W (K)	59.1 x 26.3 x 1.8 in 1501 x 668 x 46 mm	TP4	7.7 sq-ft 0.65 sq-m	26.5 lbs 12.0 kg	11.2 lbs 5.1 kg	3.5 in OD 89 mm OD	UL 1703
270W	77x39.1x2in 1956x992x50mm	TPT17	14.78 sq-ft 1.37 sq-m	51 lbs 23.1 kg	21.6 lbs 9.8 kg	3.5 in OD 89 mm OD	ETL per UL 1703/CE/TUV
190W	62.2 x 31.8 x 1.6 in 1580 x 808 x 40 mm	TP13	9.7 sq-ft 0.90 sq-m	34.2 lbs 15.5 kg	12.5 lbs 5.7 kg	3.5 in OD 89 mm OD	ETL per UL 1703/CE/TUV
2 x 100W	39.9 x 52.6 x 1.38 in 1013 x 1336 x 35 mm	TPT16	10.4 sq-ft 0.96 sq-m	39.6 lbs 18.0 kg	19.5 lbs 8.8 kg	3.5 in OD 89 mm OD	IEC 61215 / UL 1703 / TUV
2 x 100W mono	40.8 x 41.4 x 2.1 in 1036 x 1052 x 53 mm	TP4	8.4 sq-ft 0.78 sq-m	32.6 lbs 14.9 kg	11.2 lbs 5.1 kg	3.5 in OD 89 mm OD	IEC 61215
2 x 150W (A)	59.1 x 53.2 x 1.97 in 1500 x 1351 x 50 mm	TPT16	14.6 sq-ft 1.36 sq-m	53.0 lbs 24.0 kg	19.5 lbs 8.8 kg	3.5 in OD 89 mm OD	UL 1703 /Hazardous C1D- Class 1, Division 2
2 x 140W (K)	59.1 x 52.6 x 1.8 in 1501 x 1336 x 46 mm	TPT16	14.4 sq-ft 1.30 sq-m	53 lbs 24.0 kg	21.6 lbs 9.8 kg	3.5 in OD 89 mm OD	UL 1703
2 x 190W	62.2 x 63.6 x 1.6 in 1580 x 1616 x 40 mm	TPT17	19.4 sq-ft 1.80 sq-m	68.4 lbs 31 kg	21.6 lbs 9.8 kg	3.5 in OD 89 mm OD	ETL per UL 1703/CE/TUV

Contact SolarOne for complete system weight and EPA. Pole must be able to support all equipment that is attached to it.



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☐ Steve Jones

Design:

☐ Randy Tucker

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Rev. Date Description

A 2/23/17 Added New Cut Sheet

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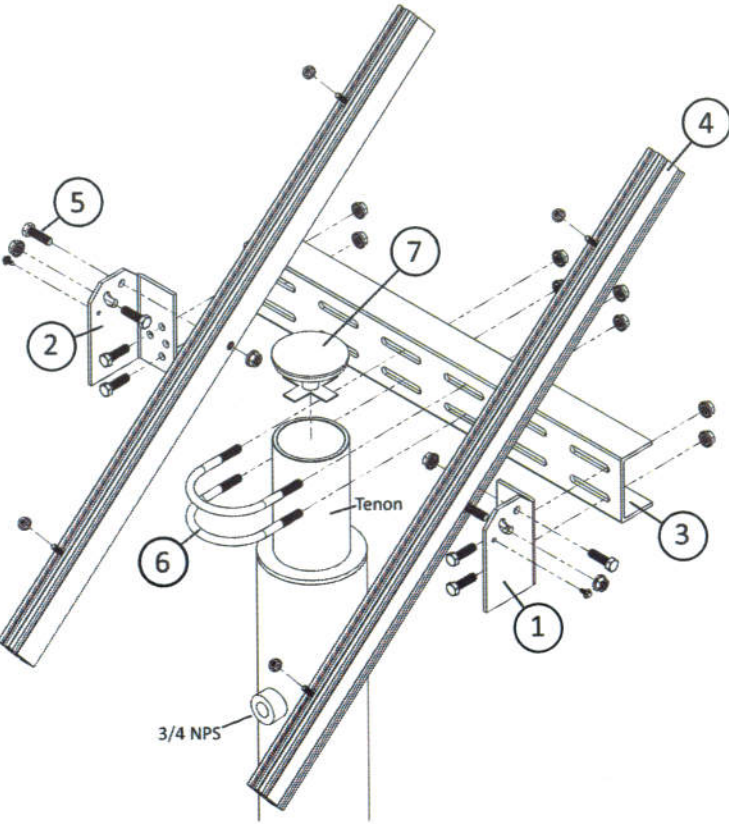
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TP MOUNT DETAIL

The smaller TP kits are designed for solar arrays up to about 11 sq-ft. It mounts to the pole with Ubolts. The tilt is adjustable from 0 degrees (flat) to about 70 degrees.

Item	Description
1	Left Bracket
2	Right Bracket
3	Cross Channel
4	Standard TP Rail Cut to Length (2)
5	Stainless Steel Hardware Kit
6	Stainless Steel Ubolts for 3.5in OD (2)
7	Snap-In Pole Cap for 3.5in OD

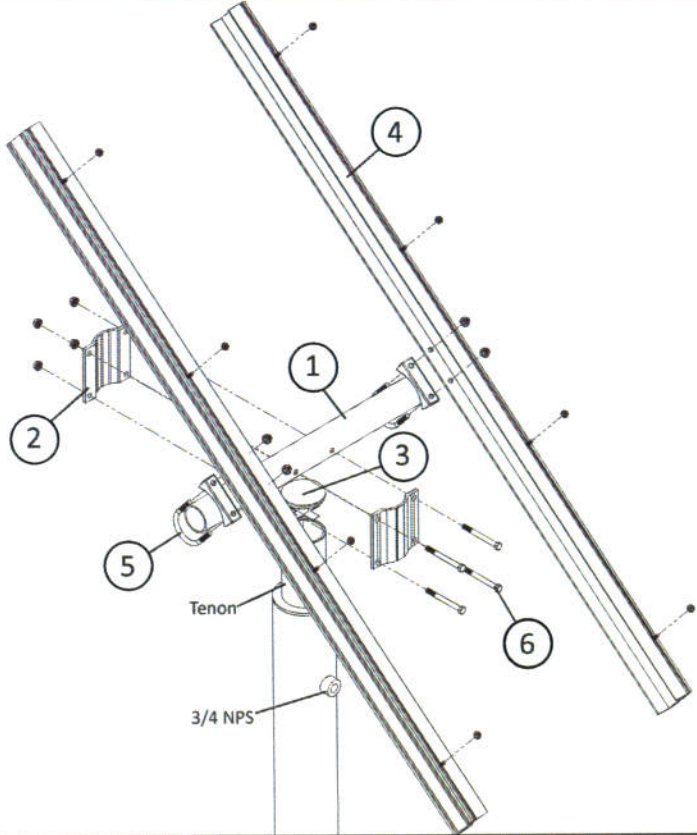


- Pole Requirements**
- 3.5in OD x 6in tall Tenon
 - 3/4 NPS fitter near the top of the pole

TPT MOUNT DETAIL

The larger TPT kits are designed for solar arrays up to about 20 sq-ft. It mounts to a 3.5in OD pole tenon a special 2-part clamp. The tilt is adjustable from 0 degrees (flat) all the way to 90 degrees (vertical).

Item	Description
1	Cross Tube
2	Clamping Plate for 3.5in OD (2)
3	Pole Cap for 3.5in OD
4	Heavy Duty TPT Rail Cut to Length (2)
5	Stainless Steel Ubolts with Collar (2)
6	Stainless Steel Hardware Kit



- Pole Requirements**
- 3.5in OD x 6in tall Tenon
 - 3/4 NPS fitter near the top of the pole

FOR A COMPLETE SOLAR LIGHTING SOLUTION PLEASE SEE:

- Light Fixtures
- Power Centers (side of pole and inground)
- Motion Detectors and other Accessories

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E Series Side of Pole Power Centers

SolarOne's E Series Power Centers mount to the side of a light pole. These assemblies include the system controller, battery storage and any circuit protection required for your solar lighting system. Like all of SolarOne's systems, these power centers use SO-Bright® control technology with a Maximum Power Point Tracking charging circuit, advanced energy management features for the lights and remote control testing and programming. Enclosures are constructed from durable powder coated aluminum with stainless steel hardware. The power center is selected during quoting process to meet your requirements for light output and installation location.

PROJECT: G0076 - Live Oak Monument

PRODUCT MATRIX

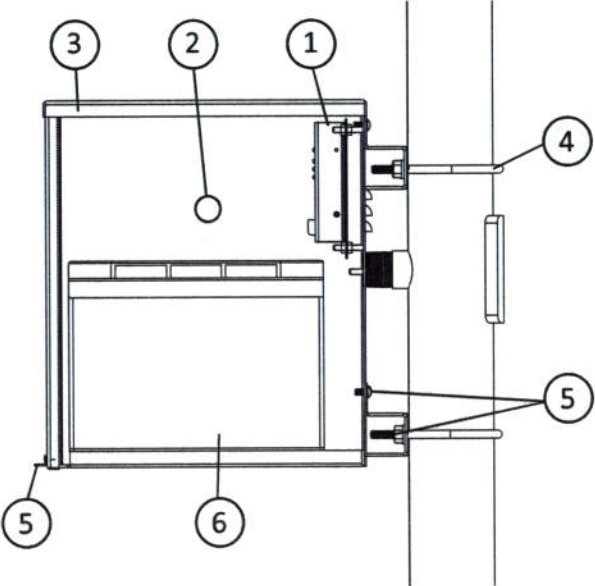
SAMPLE CATALOG NUMBER: EL2-2B118CA-MPT15-12V

EM1	1B146CA	MPT15	12V
ENCLOSURE	BATTERIES	CONTROLLER	SYSTEM VOLTAGE
EM1 - Medium, 1 battery capacity EL2 - Large, 2 battery capacity EX4 - Extra Large, 4 battery capacity EXX4 - Extra Large, 4 battery capacity	1B99TA - 99Ahrs 1B118CA - 118Ahrs 1B111CA - 111Ahrs 1B146CA - 146Ahrs 1B176CA - 176Ahrs 2B99TA - 198Ahrs 2B118CA - 236Ahrs 2B111TA - 222Ahrs 2B146CA - 292Ahrs 2B176CA - 352Ahrs	3B99TA - 297Ahrs 3B118CA - 354Ahrs 3B111TA - 333Ahrs 3B146TA - 438Ahrs 3B176CA - 528Ahrs 4B99TA - 396Ahrs 4B118CA - 472Ahrs 4B111TA - 444Ahrs 4B146CA - 584Ahrs 4B176CA - 704Ahrs	MPT15 - Max Power Tracking 12V 24V

See table on page 3 for available configurations.
See battery datasheets for more detail.

PRODUCT FEATURES

- 1. Maximum Power Point Tracking.** SO-Bright, ETL recognized Max power tracking controller for up to 30% more energy collection in the winter.
- 2. Remote Control.** Most systems come with external IR detector so you can test the system with the So-Bright remote control.
- 3. Aluminum Construction.** Enclosure uses strong 6061 alloy and is built to NEMA 3R standards to keep the weather out. Vents in the back Vented, rear component panel,
- 4. Stainless Hardware.** Flexible ubolt mounting allows the enclosure to mount to almost any pole. Ubolts must be specified specifically to fit your pole
- 5. Vandal Proof.** Bolts can only be accessed by opening the enclosure. Enclosure door has a padlock hasp. Add your own padlock to control access to the enclosure.
- 6. Sealed AGM Batteries.** All batteries are sealed, non-spillable, maintenance-free Absorbed Glass Mat Technology. See the battery datasheets for more details.



7. Polyester Powder Coat. All enclosures are painted with durable TGIC polyester powder coat to match the other components in the system. Standard and custom colors available. Marine grade finish available for extreme environments.

E SERIES SIDE OF POLE POWER CENTERS

DATA SHEET 758-3001-00A



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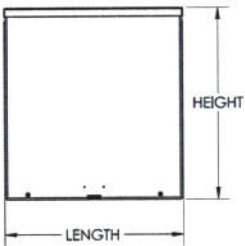
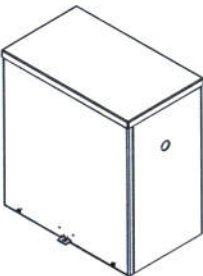
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SPECIFICATIONS EM1, EL2

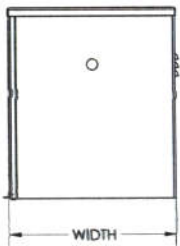
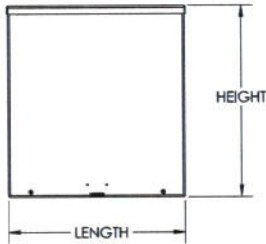
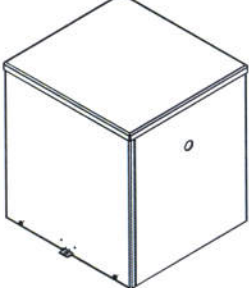
Assembly	Enclosure Dimensions height x length x width	Weight	EPA	Total Battery Capacity
EM1-1B99TA-MPT15-12V	17 x 16 x 9.5 in 432 x 406 x 241 mm	88 lbs 39.9 kg	2 sq-ft 0.19 sq-m	99 Ahrs
EM1-1B118CA-MPT15-12V	17 x 16 x 9.5 in 432 x 406 x 241 mm	87 lbs 39.4 kg	2 sq-ft 0.19 sq-m	118 Ahrs
EM1-1B111TA-MPT15-12V	17 x 16 x 9.5 in 432 x 406 x 241 mm	93 lbs 42.2 kg	2 sq-ft 0.19 sq-m	111 Ahrs
EM1-1B146CA-MPT15-12V	17 x 16 x 9.5 in 432 x 406 x 241 mm	99 lbs 44.9 kg	2 sq-ft 0.19 sq-m	146 Ahrs
EL2-1B176CA-MPT15-12V	17 x 16 x 15 in 432 x 406 x 381 mm	124 lbs 56.2 kg	2 sq-ft 0.19 sq-m	176 Ahrs
EL2-2B99TA-MPT15-12V	17 x 16 x 15 in 432 x 406 x 381 mm	157 lbs 74.2 kg	2 sq-ft 0.19 sq-m	198 Ahrs
EL2-2B118CA-MPT15-12V	17 x 16 x 15 in 432 x 406 x 381 mm	155 lbs 70.3 kg	2 sq-ft 0.19 sq-m	236 Ahrs
EL2-2B111TA-MPT15-12V	17 x 16 x 15 in 432 x 406 x 381 mm	165 lbs 74.8 kg	2 sq-ft 0.19 sq-m	222 Ahrs
EL2-2B146CA-MPT15-12V	17 x 16 x 15 in 432 x 406 x 381 mm	180 lbs 81.6 kg	2 sq-ft 0.19 sq-m	292 Ahrs
EL2-2B99TA-MPT15-24V	17 x 16 x 15 in 432 x 406 x 381 mm	157 lbs 74.2 kg	2 sq-ft 0.19 sq-m	198 Ahrs
EL2-2B118CA-MPT15-24V	17 x 16 x 15 in 432 x 406 x 381 mm	153 lbs 69.4 kg	2 sq-ft 0.19 sq-m	236 Ahrs
EL2-2B111TA-MPT15-24V	17 x 16 x 15 in 432 x 406 x 381 mm	165 lbs 74.8 kg	2 sq-ft 0.19 sq-m	222 Ahrs
EL2-2B146CA-MPT15-24V	17 x 16 x 15 in 432 x 406 x 381 mm	180 lbs 81.6 kg	2 sq-ft 0.19 sq-m	292 Ahrs

Contact SolarOne for complete system weight and EPA. Pole must be able to support all equipment that is attached to it.

EM1 - Medium



EL2 - Large



SolarOne's SO-Bright controllers are the electronic heart of every SolarOne lighting system and have been designed from the ground up to maximize performance and flexibility of solar LED lighting systems. The standard controller offered in the E Series Power Centers is the MPT-15-24.

The MPT controller uses a Max Power Tracking algorithm to charge the batteries during the day. MPT technology matches the power characteristics of the solar panel and battery, ensuring the maximum amount of energy is collected each day for any combination of components, geography, solar resource and temperature. The MPT controller can collect up to 30% more energy in the winter when it is needed the most.

At night, the MPT controller provides advanced lighting functions allowing you to control timing and light levels. Programming your lights, saves energy by providing light when you need it. Our exclusive SO-Bright energy management system is called Runtime Extension (RTE). RTE manages the light brightness and adapts to low-power conditions ensuring your site will never be left in the dark.

SolarOne has years of experience optimizing installations including light placement, optical distribution, and solar and battery sizing. Using our experience and the flexibility of the MPT controller we can design a lighting system to meet your physical and budgetary requirements.

The 10 preset lighting profiles available on the MPT are shown below. Thousands of custom profiles are also available.

PRESET	TIME PM	TIME AM	PEAK	OFFPEAK	RTE	Sunset	Midnight	Sunrise
1								
2					5			
3					5			
4	4 hrs	0 hrs	10	3	5			
5	6 hrs	0 hrs	10	3	5			
6	8 hrs	0 hrs	10	3	5			
7	2 hrs	2 hrs	10	3	5			
8	4 hrs	2 hrs	10	3	5			
9	6 hrs	2 hrs	10	3	5			
10	8 hrs	2 hrs	10	3	5			

POLE REQUIREMENTS

Poles must match the equipment. In all cases, please contact SolarOne for a detailed pole provisioning drawing for your specific project.

Wireway: Pole should have a 1-1/4 Female NPS fitter welded or attached at the height where the enclosure will be installed and 180° opposit the fixture. Typically this is 36" up from the base of the pole for ease of access. Wood poles would normally use external conduit for a wireway.

Handhole: Poles should have a handhole opposite the wireway fitter for easy wire routing.

Bolts: For steel, aluminum or fiberglass poles, SolarOne will provide ubolts to match your pole OD. For wood or concrete poles, SolarOne will provide hex bolts for bolting through the pole.

Solar Panel and Fixture: The solar panel mounting and light fixture have their own requirements for pole provisioning. See those datasheets.



- MPT Charger Delivers Up to 30% more energy in the winter
- Charges agm and gel batteries
- 3-stage, temperature compensated algorithm
- Remote temperature sensor available
- For 12 and 24V systems
- Standard Lighting Profiles offer illumination all night
- Adjustable PM Time and AM Time
- Adjustable Light Levels (peak and off-peak)
- Day-night sensing using solar panel
- Lights won't be fooled by snowfall on solar panels
- Runtime extension options keep the lights on
- Motion Detector input option with adjustable timing
- Testing and error reporting features
- Adjus table low-vol tage disconnect
- Fault-tolerant design. Protected against short-circuits and reverse connections.
- IR remote control included with every order
- Fully programmed at the Factory for your project.
- Field Tested around the world since 2005 with installations from Montreal to Mexico from Germany to UAE.
- Top lighting manufacturers have partnered with SolarOne to use SO-Bright controls to bring solar lighting to their product lineup.
- MPT-15-24 is an ETL Recognized component to UL 1741



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CA Series Deep-Cycle AGM Batteries

SolarOne's CA series batteries use AGM (Absorbed Glass Mat) technology. Sometimes called starved electrolyte batteries, these lead-acid batteries trap electrolyte in a fine fiberglass mesh. AGM's are spill-Proof, maintenance-free and highly recyclable. SolarOne's So-Bright™ controls have been design specifically to meet the charging requirements of CA and other AGM bat-tereis. CA series batteries provide exceptional cycle life when used as part of a SolarOne, Solar-Lighting System.

PROJECT: k Monument Sign

FEATURES

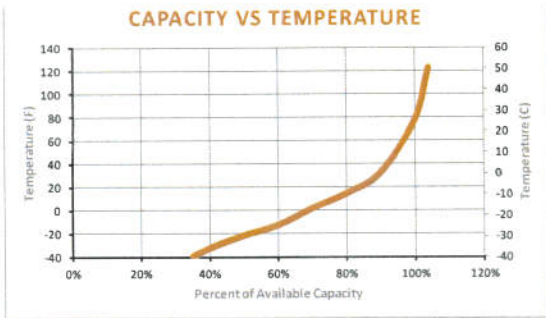
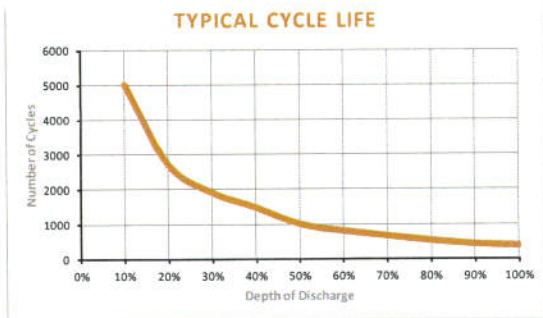
- Sealed, valve-regulated, maintenance-Free AGM Technology
- Immobilized electrolyte, non-spillable
- Operates in any Orientation
- Flat-Top, high-impact copolymer polypropolene Case with molded Lifting Handles
- Copper alloy terminals
- Threaded-insert, recessed terminals to prevent shorts (on most models)
- Self Discharge less than 1% per month
- Install in a location with adequate ventilation
- Absorb Voltage 14.2 to 14.4V. Float Voltage 13.2V
- Tempature Compensation: -24mV for every 1°C above or below 25°C provided by SolarOne's So-Bright controllers
- Operating Temp. -40°F to 160°F (-40°C to +72°C)
- UL Recognized component
- 100% Recycleable



PERFORMANCE

Battery capacity is affected by Temperature and Rate of Discharge. The rate of discharge for solar lighting tends to be about the C100 rate. Available capacity in all AGM batteries is reduced in cold temperatures. See the graph for the TA series batter-ies. SolarOne uses worldwide climate data from NASA to account for the effects of temperature at your location and sizes your system to ensure trouble free operation year round.

Battery life is affected by temperature and by how much the battery is discharged each day (Depth of Discharge). SolarOne follows PV design best practices which calls for a minimum of 4 to 5 days of storage in order to minimize depth of discharge and maximize battery life. This ensures an average daily depth of discharge less than 20%. TA series batteries are rated for over 2700 cycles at 20% DOD. Additional storage may be required depending on the solar resource and temperature in your location.



MADE IN USA

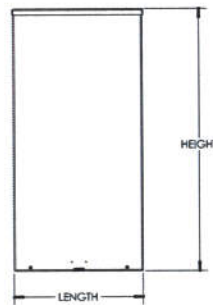
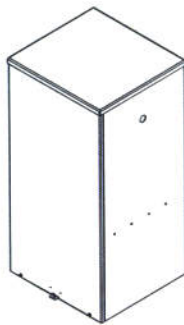
SolarOne®

SPECIFICATIONS EX4, EXX4

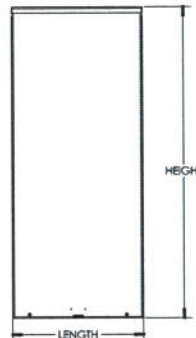
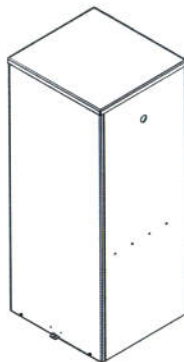
Assembly	Enclosure Dimensions height x length x width	Weight	EPA	Total Battery Capacity
EX4-2B176CA-MPT15-12V	32 x 16 x 15 in 813 x 406 x 381 mm	232 lbs 105 kg	4 sq-ft 0.38 sq-m	352 Ahrs
EX4-2B176CA-MPT15-24V	32 x 16 x 15 in 813 x 406 x 381 mm	232 lbs 105 kg	4 sq-ft 0.38 sq-m	352 Ahrs
EX4-3B99TA-MPT15-12V	32 x 16 x 15 in 813 x 406 x 381 mm	230 lbs 104 kg	4 sq-ft 0.38 sq-m	297 Ahrs
EX4-3B118CA-MPT15-12V	32 x 16 x 15 in 813 x 406 x 381 mm	227 lbs 103 kg	4 sq-ft 0.38 sq-m	354 Ahrs
EX4-3B111TA-MPT15-12V	32 x 16 x 15 in 813 x 406 x 381 mm	245 lbs 111 kg	4 sq-ft 0.38 sq-m	333 Ahrs
EX4-3B146CA-MPT15-12V	32 x 16 x 15 in 813 x 406 x 381 mm	263 lbs 119 kg	4 sq-ft 0.38 sq-m	438 Ahrs
EX4-4B99TA-MPT15-24V	32 x 16 x 15 in 813 x 406 x 381 mm	294 lbs 133 kg	4 sq-ft 0.38 sq-m	297 Ahrs
EX4-4B118CA-MPT15-24V	32 x 16 x 15 in 813 x 406 x 381 mm	290 lbs 132 kg	4 sq-ft 0.38 sq-m	472 Ahrs
EX4-4B111TA-MPT15-24V	32 x 16 x 15 in 813 x 406 x 381 mm	314 lbs 142 kg	4 sq-ft 0.38 sq-m	444 Ahrs
EX4-4B146CA-MPT15-24V	32 x 16 x 15 in 813 x 406 x 381 mm	338 lbs 153 kg	4 sq-ft 0.38 sq-m	438 Ahrs
EXX4-3B176CA-MPT15-12V	38 x 16 x 15 in 965 x 406 x 381 mm	339 lbs 154 kg	5 sq-ft 0.46 sq-m	528 Ahrs
EXX4-4B176CA-MPT15-24V	38 x 16 x 15 in 965 x 406 x 381 mm	436 lbs 198 kg	5 sq-ft 0.46 sq-m	704 Ahrs

Contact SolarOne for complete system weight and EPA. Pole must be able to support all equipment that is attached to it.

EX4 - X Large



EXX4 - XX Large



DATA SHEET 758-4001-00A

FOR A COMPLETE SOLAR LIGHTING SOLUTION PLEASE SEE:

• Light Fixtures • Solar Assemblies (top of pole and side of pole) • Motion Detectors and other Accessories

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F. 510.533.0815
www.arrowsigncompany.com

Project

Live Oak
Live Oak, Ca

Date:

06/225/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

Rev. Date Description

A 2/23/17 Added New Cut Sheet

Customer Approval

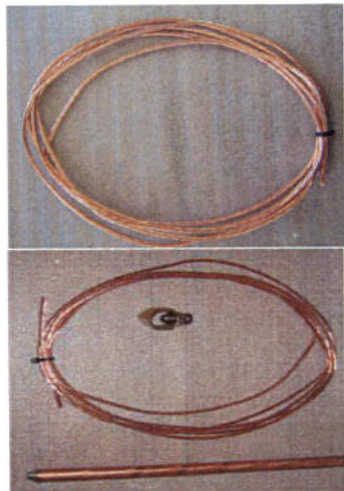
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Grounding EGW & GR

The National Electric Code (NEC Article 690.43) states that equipment grounding (defined as metal parts that, in case of a fault, may become energized) is required for all solar power systems. In addition to equipment grounding, SolarOne also recommends grounding the system negative to minimize damage due to voltage transients (typically induced by a nearby lightning strike). SolarOne equipment includes protections for lightning induced surges, but in order to function most effectively these protections require that the system be grounded (SolarOne is not responsible for damage caused by electrical surges). For additional details on grounding, please ask about SolarOne's white paper on grounding for Solar Lighting systems.

PROJECT: k Monument Sign

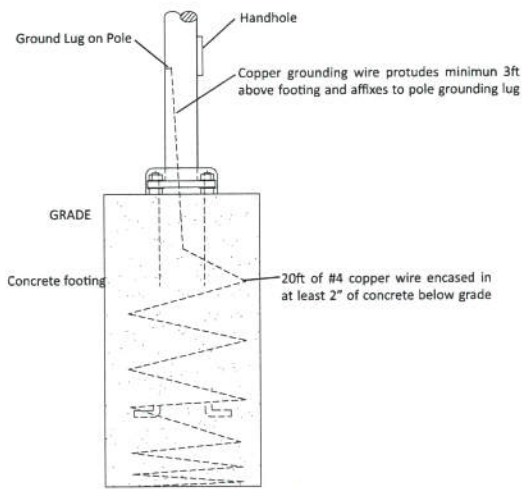
FEATURES

SolarOne offers two standard grounding kits depending on project requirements.

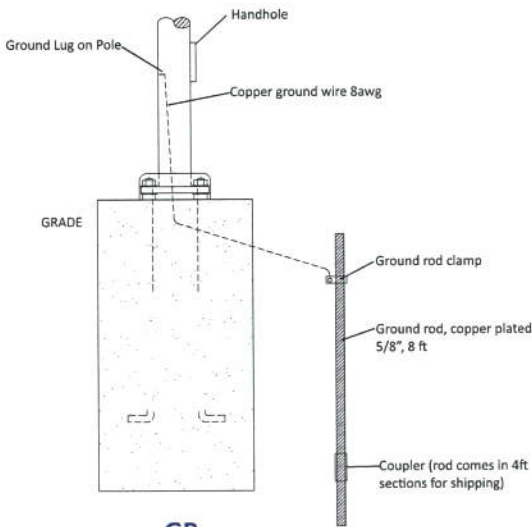
Embedded Ground Wire (EGW): Also known as the concrete-encased electrode, this kit complies with NEC Article 250.52 (A) (3). This is the grounding method SolarOne recommends most often. This method requires encasing at least 20ft of 4awg bare copper wire in the pole foundation below grade. Concrete absorbs moisture and provides a good path to earth. Installation is quick and easy. EGW is 25ft overall length.

Ground Rod Kit (GR): If an Embedded Ground Wire is not feasible a more traditional ground rod may be used. The ground rod is a good choice when there is no concrete footing or a footing has already been installed. The GR Kit includes 8ft, 5/8in OD copper-plated ground rod (sometimes in 2 pieces for shipping), 8ft of 8AWG strand wire, and an acorn nut to connect the wire to the ground rod.

HOW TO INSTALL



EGW



GR

Unwind the ground wire in the foundation hole before the concrete is poured. Leave enough length exposed above the footing to reach the system grounding point. Pour the footing as usual encasing the copper wire in the concrete.

If needed, use the coupler to join two 4ft sections to create an 8ft ground rod. Drive the ground rod as close to the foundation as possible. A sledgehammer is usually effective. Take care not to mushroom the head of the ground rod or the achorn clamp will not fit. A block of wood can be effective. The top of the ground rod should be at grade. Run the ground wire from the ground rod to the grounding point on the pole or the enclosure.

FOR A COMPLETE SOLAR LIGHTING SOLUTION PLEASE SEE:

• LED Light Fixtures • Solar Panel Assembly Kits (pole and roof mount) • Power Centers (side of pole and inground) • Motion Detectors and other Accessories

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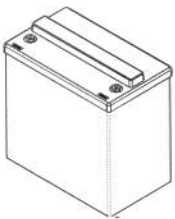
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SPECIFICATIONS

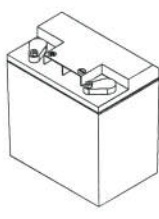
Model	20-Hr Rate ¹ Ahrs	100-Hr Rate ¹ Ahrs	Nominal Voltage	Length in (mm)	Width in (mm)	Height ² in (mm)	Weight lb (kg)
B45CA	42	45	12V	7.71 (196)	5.18 (132)	8.05 (204)	30 (13.6)
B63CA	56	63	12V	8.99 (228)	5.45 (138)	8.82 (224)	40 (18.2)
B118CA	100	118	12V	12.01 (305)	6.60 (168)	8.93 (227)	63 (28.6)
B176CA	153	176	12V	13.46 (342)	6.77 (172)	11.95 (304)	97 (44.0)
B250CA	212	250	12V	20.76 (527)	8.70 (221)	9.77 (248)	127 (57.6)

1. Capacity based on 75°F (25°C) temperature and constant discharge rate down to 10.5V
2. Height to the highest point on the battery

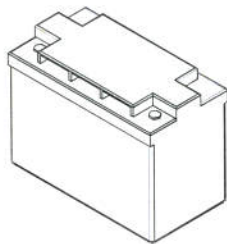
B63CA



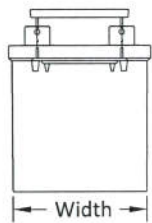
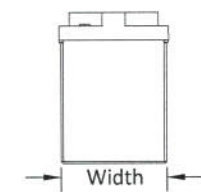
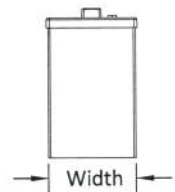
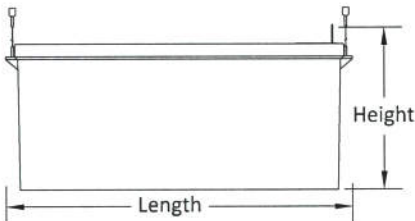
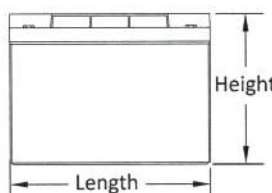
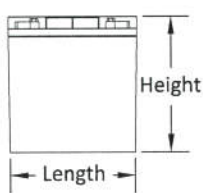
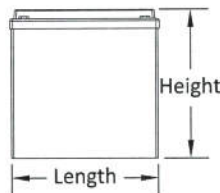
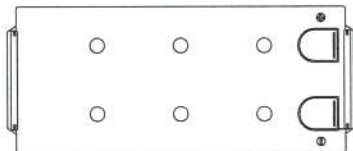
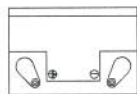
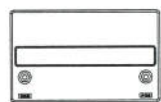
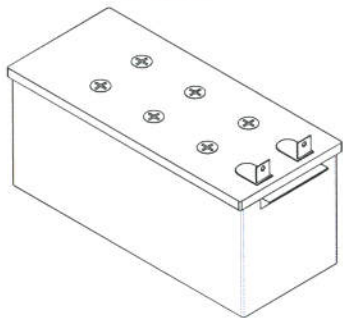
B45CA



B118CA
B146CA
B176CA



B250CA



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Project

Live Oak
Live Oak, Ca

Date:

06/22/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

Rev. Date Description

A 2/23/17 Added New Cut Sheet

Customer Approval

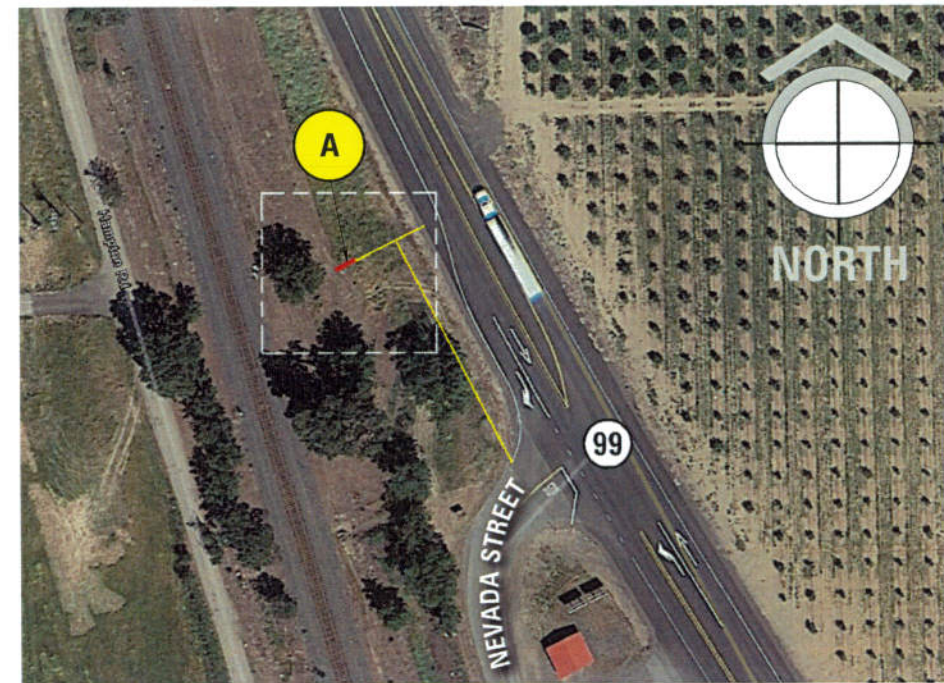
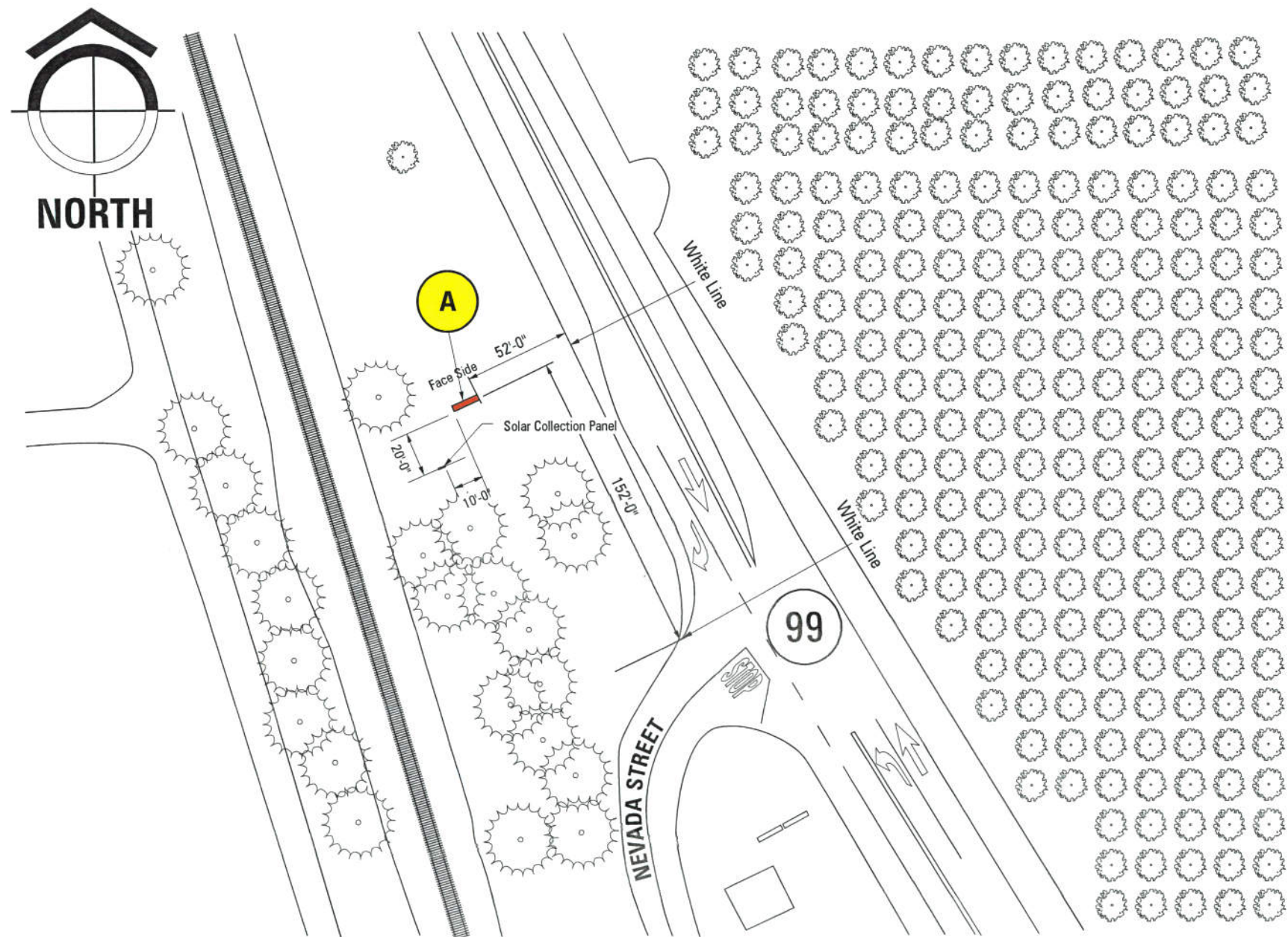
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150625

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Project

Live Oak
Live Oak, Ca

Date:

06/225/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

Rev.	Date	Description
A	3-7-17	Relocate solar

Customer Approval

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Sheet **68**



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Project
Live Oak
Live Oak, Ca

Date:
06/225/15

Sales:
☐ Steve Jones

Design:
☐ Randy Tucker

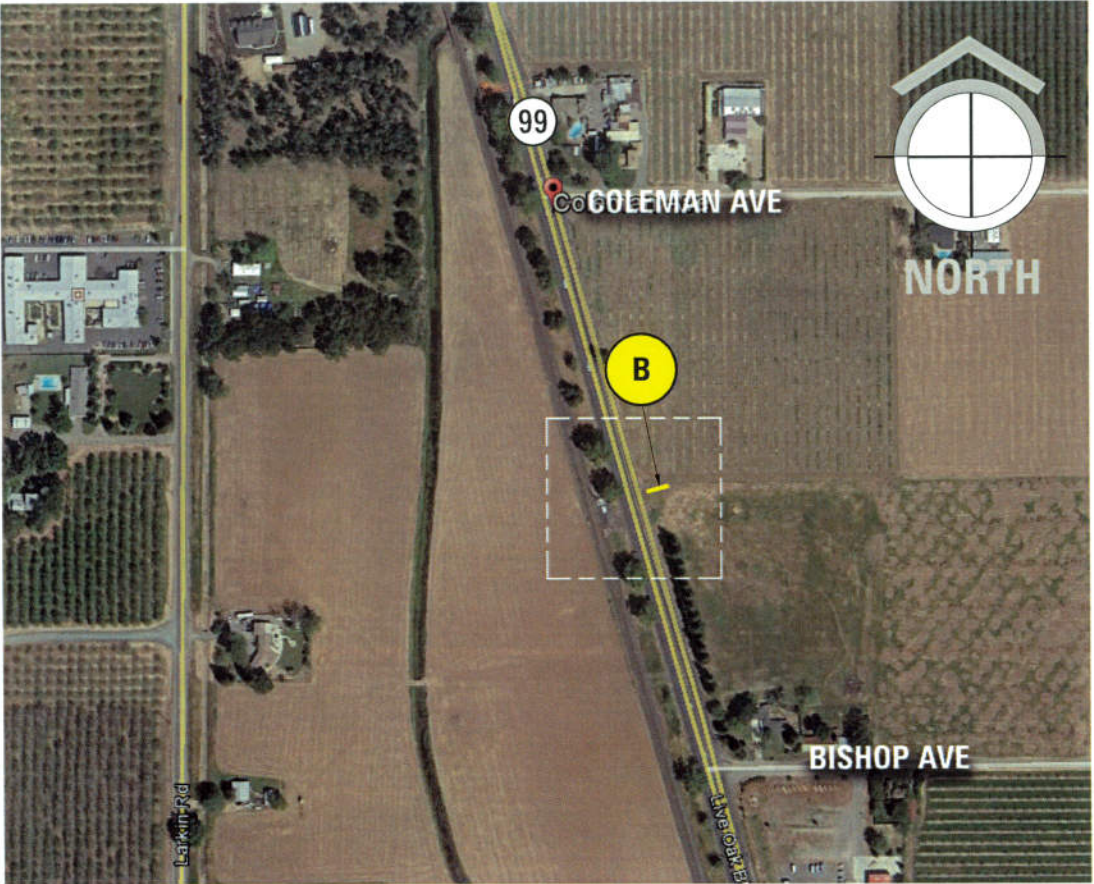
File Name/Location:
2015/L/Live Oak Monument

Rev.	Date	Description
A	3/2/17	Added Solar Panel Install Location
B	3-7-17	Relocate solar

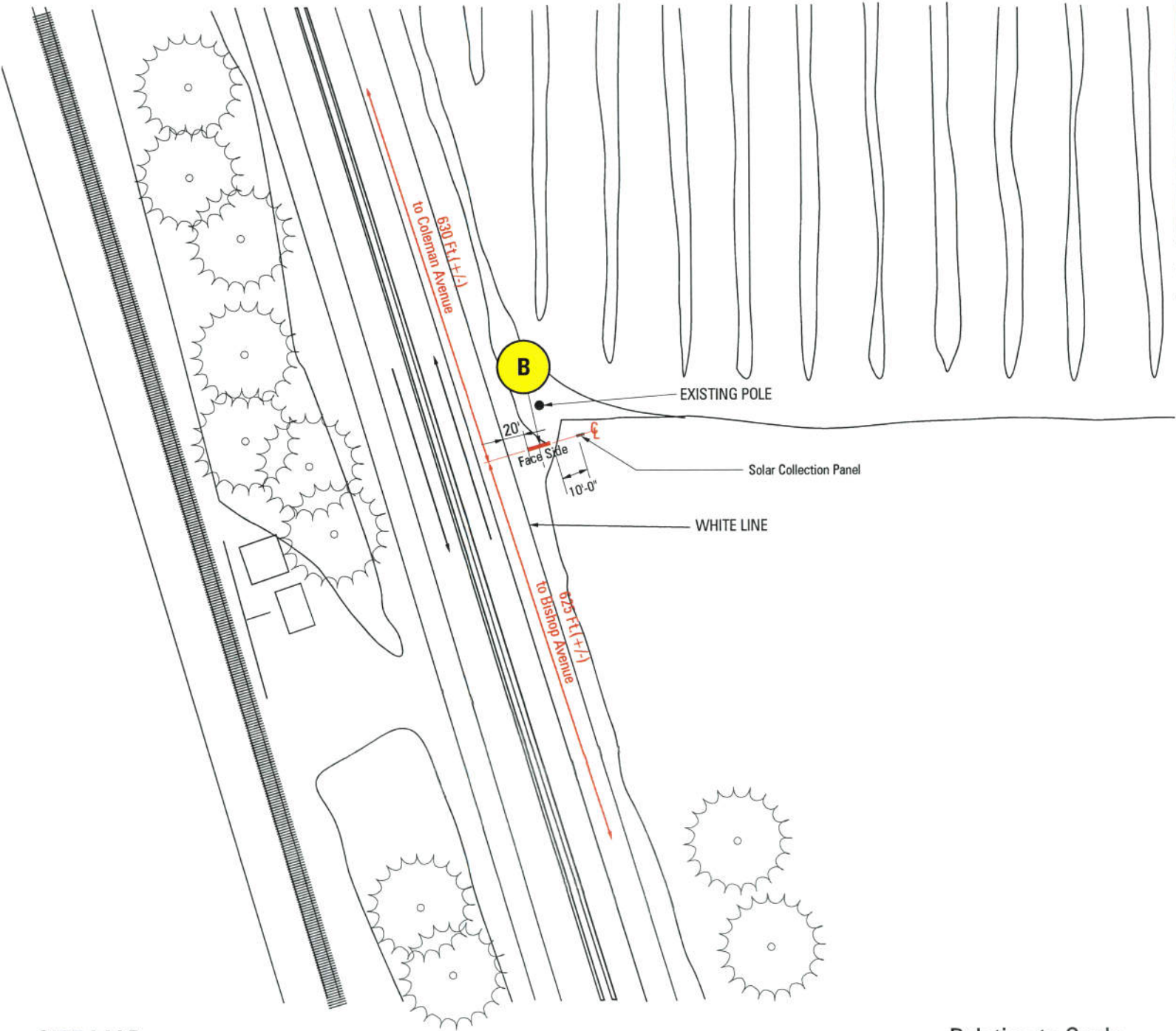
Customer Approval

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VICINITY MAP Relative to Scale



SITE MAP Relative to Scale

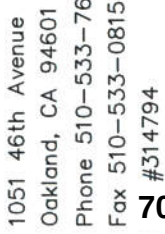
1) CONSTRUCTION CONFORMS TO CBC & CEC 2013

-
- WELCOME TO LIVE OAK**
- INC. 1947**
- (E) GRADE IS LEVEL @ SIGN LOCATION
- Ø2' CONC. FTG. TYP.
- 6'-10³/₄"
- 4'-2"
- 7'
- 2'-8"
- 3"
- 10'-9"
- 14'-1"
- 8'
- 1'-1"
- 4'-7"
- 3'-6"
- 12'-6"
- A
A1.4
- ALUM. SHEET - 5052-H32 ALLOY
ALUM. L - 6061-T6 ALLOY
CONCRETE TO DEVELOP 2500PSI @ 28 DAYS
PRIME/PAIN ALL STEEL SURFACES IN CONTACT WITH CONCRETE



(E) GRADE IS LEVEL
@ SIGN LOCATION

SCALE: 3/8"=1'



Drawing No.: A1.1

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Electrical Requirements		
Circuit number	Amp	Load Voltage
The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.		

fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.

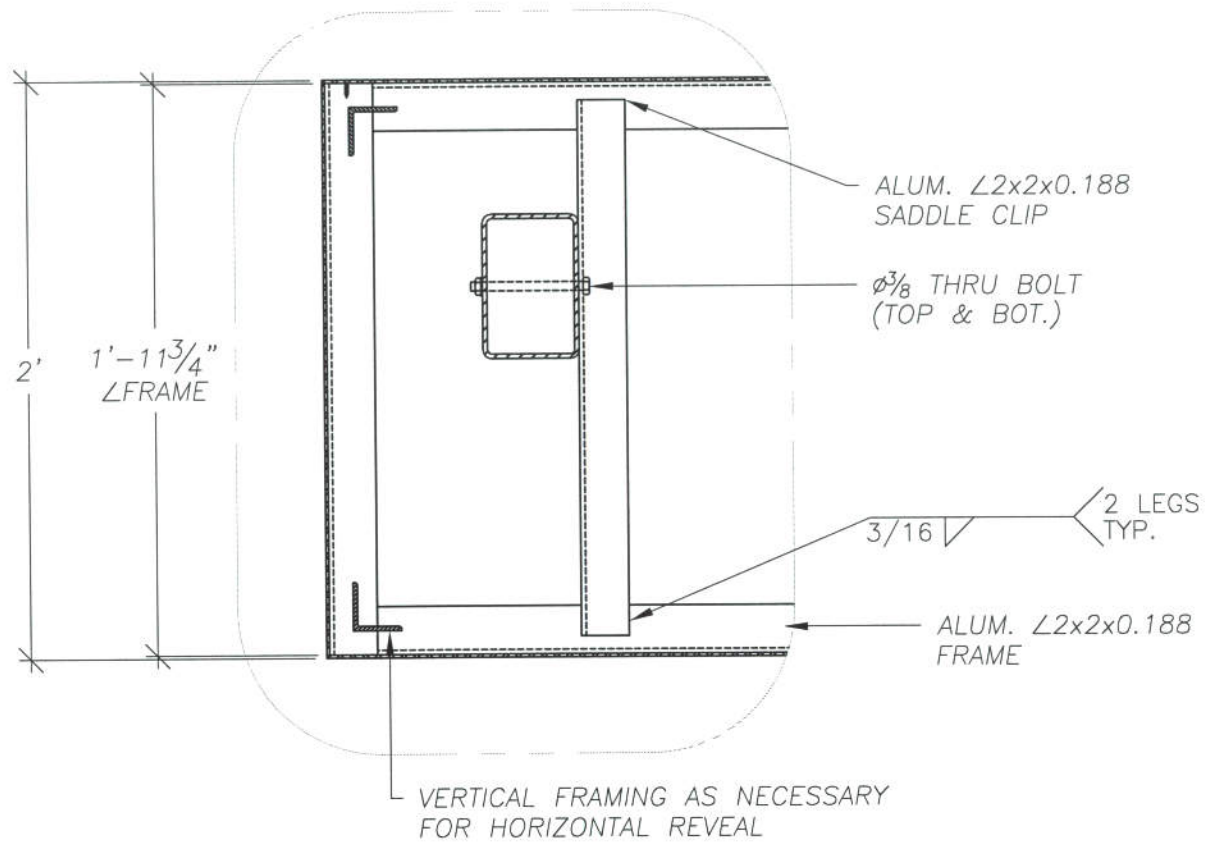
Work on this job has been stopped at this point and will not be resumed until this drawing is signed and set back to Arrow Sign Company.

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This is the final proof.

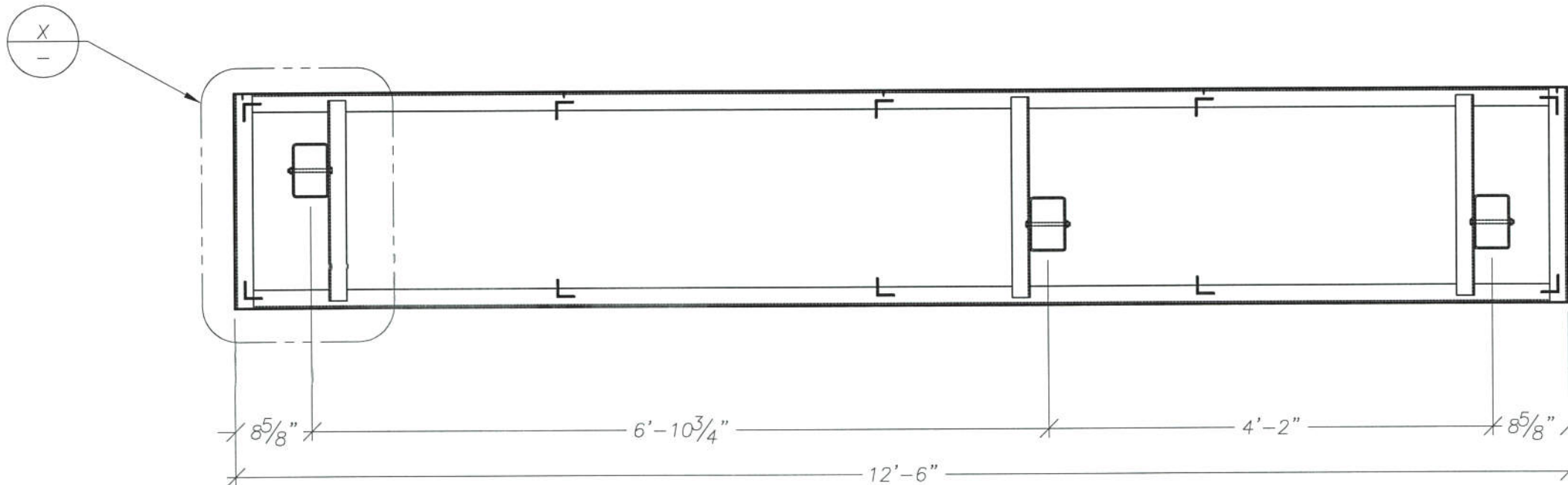
I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.

Approved by:

Date:



X **DETAIL**
SCALE: 1 1/2"=1'



A **SECTION**
SCALE: 3/4"=1'


ARROW
SIGN COMPANY

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 Oakland, CA 94601
 Phone 510-533-7693
 Fax 510-533-0815
 Lic #314794
 www.arrowsigncompany.com

FINAL APPROVAL

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I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.

Approved by: _____

Date: _____

Job Name: LIVE OAK
 Address:
 City: LIVE OAK, CA
 Date: 8/4/16
 Sales: STEVE JONES
 Designer: MICHAEL BENNETT
 Design No.: 150625
 Filename: LIVE OAK
 Drawing No.: A1.2

Rev.	Date	DESCRIPTION
A	3/7/17	REV. BASE CONST.

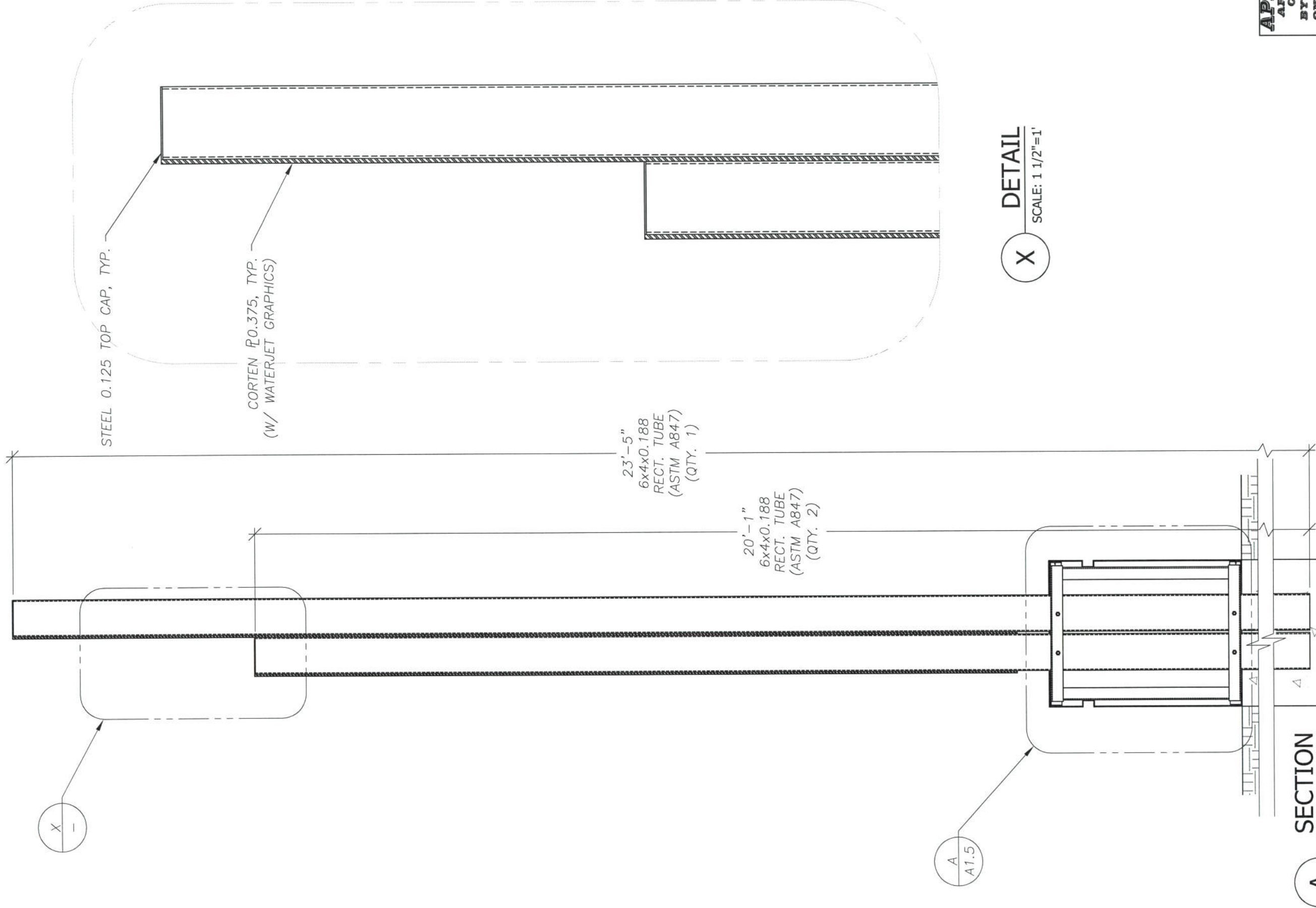
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Electrical Requirements

Circuit number	Amp Load	Voltage

The herein stated electrical requirements, fabrication details and intalation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.

APPROVED
ARROW SIGN
COMPANY
 BY: M. BENNETT
 ON: 3/7/2017



A SECTION
SCALE: 3/4"=1'

X DETAIL
SCALE: 1 1/2"=1'



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Oakland, CA 94601
Phone 510-533-7693
Fax 510-533-0815
#314794

Job Name: LIVE OAK
Address:
City: LIVE OAK, CA
Date: 8/4/16
Sales: STEVE JONES
Designer: MICHAEL BENNETT
Design No.: 150625
Filename: LIVE OAK
Drawing No.: A1.4

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Electrical Requirements

Circuit number	Amp	Load	Voltage
The herein stated electrical requirements, fabrication details and installation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.			

FINAL APPROVAL

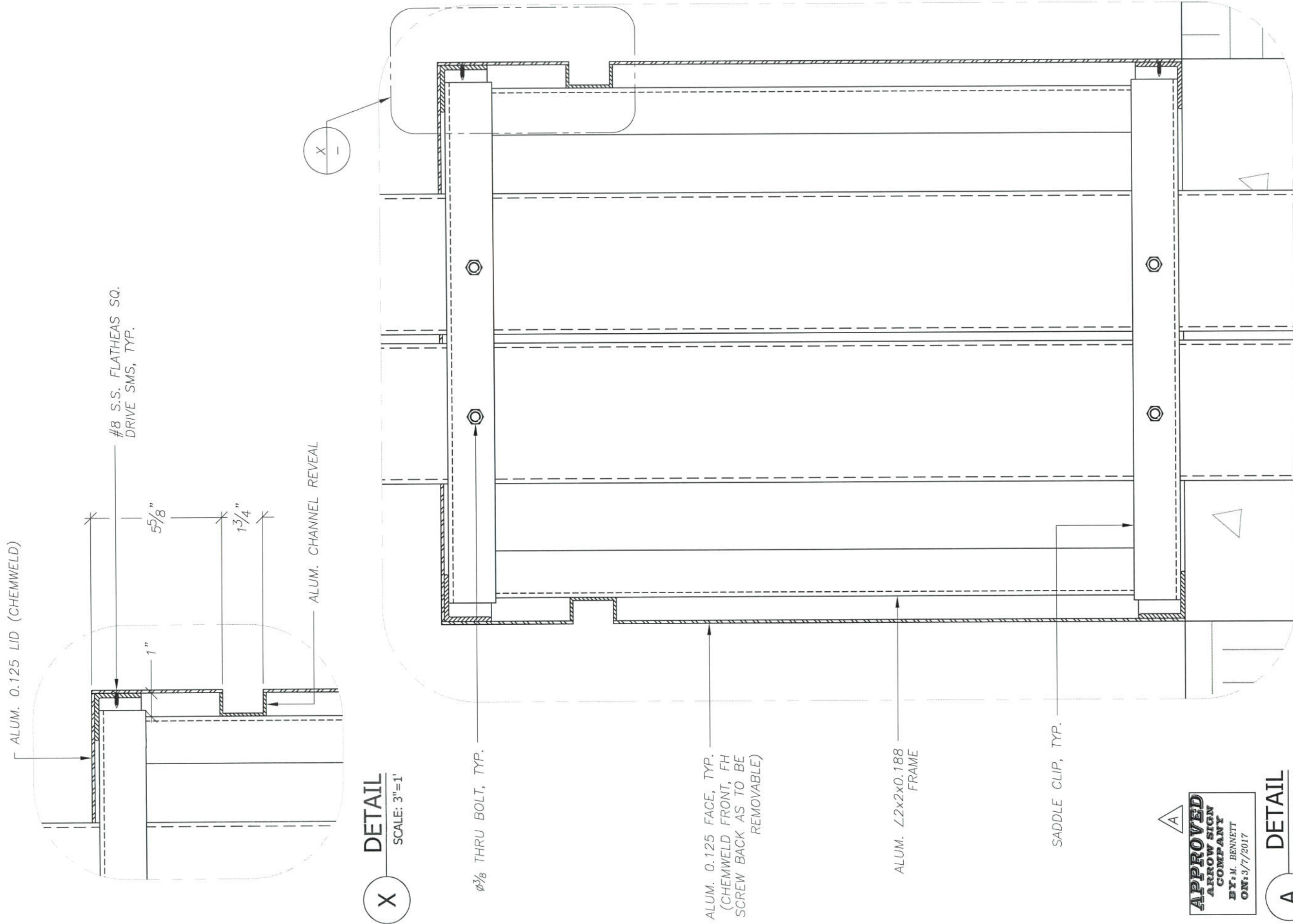
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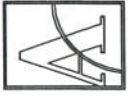
Approved by: _____
Date: _____

APPROVED
ARROW SIGN
COMPANY
BY: M. BENNETT
ON: 8/7/2017



DETAIL
SCALE: 3"=1'

DETAIL
SCALE: 3"=1'



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Oakland, CA 94601
Phone 510-533-7693
Fax 510-533-0815
#314794

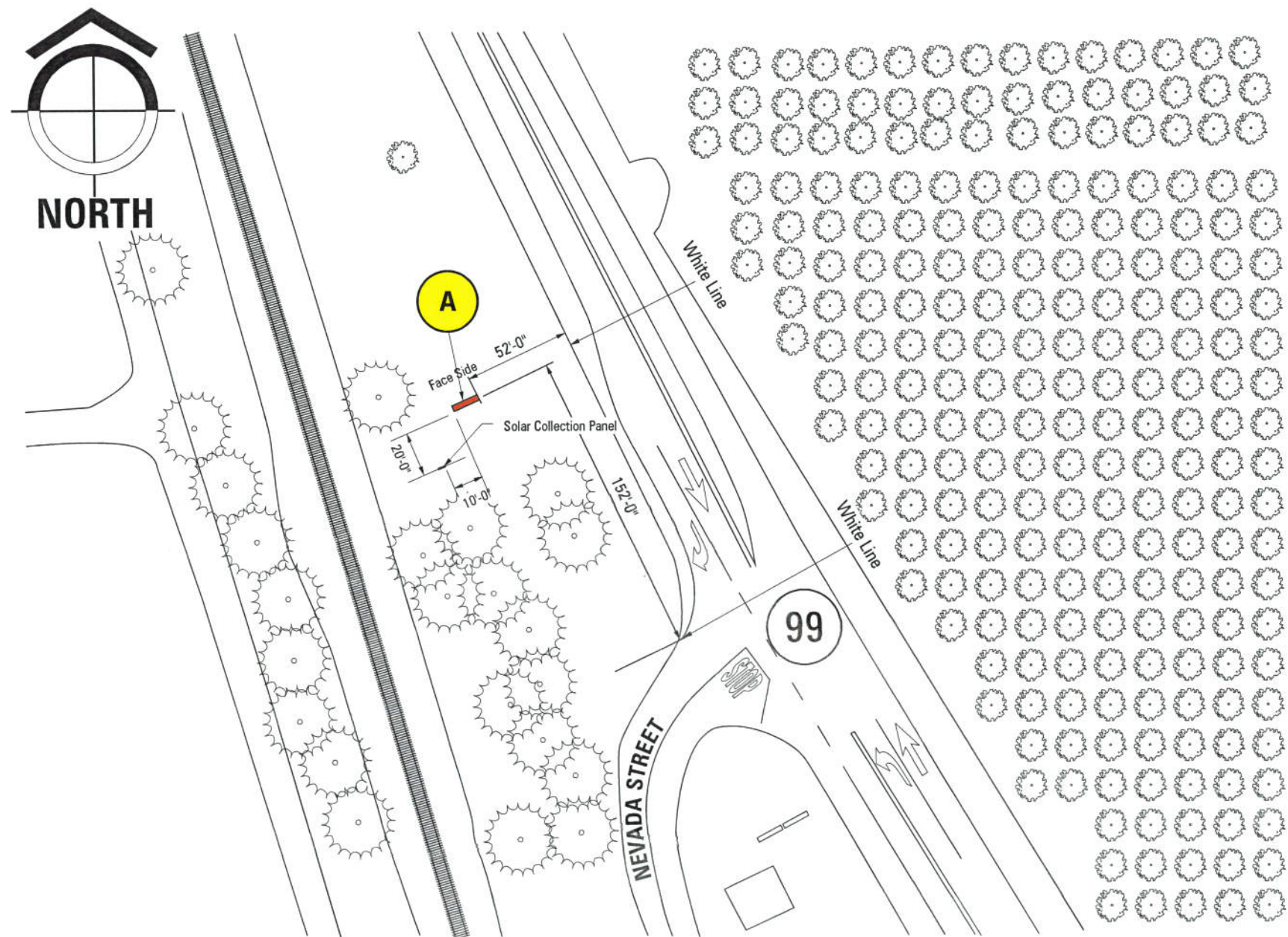
Job Name: LIVE OAK
Address:
City: LIVE OAK, CA
Date: 8/4/16
Sales: STEVE JONES
Designer: MICHAEL BENNETT
Design No.: 150625
Filename: LIVE OAK
Drawing No.: A1.5

Electrical Requirements		
Circuit number	Amp	Load Voltage
The herein stated electrical requirements, fabrication details and intalation methods are approved for construction. Arrow does not provide primary electrical service to sign location. Responsibility by others.		

FINAL APPROVAL
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I have verified the accuracy of all graphics shown with respect to sizes and content. The specifications are correct and represent our order requirements exactly. I authorize release to production according to this approved submittal.
Approved by: _____
Date: _____

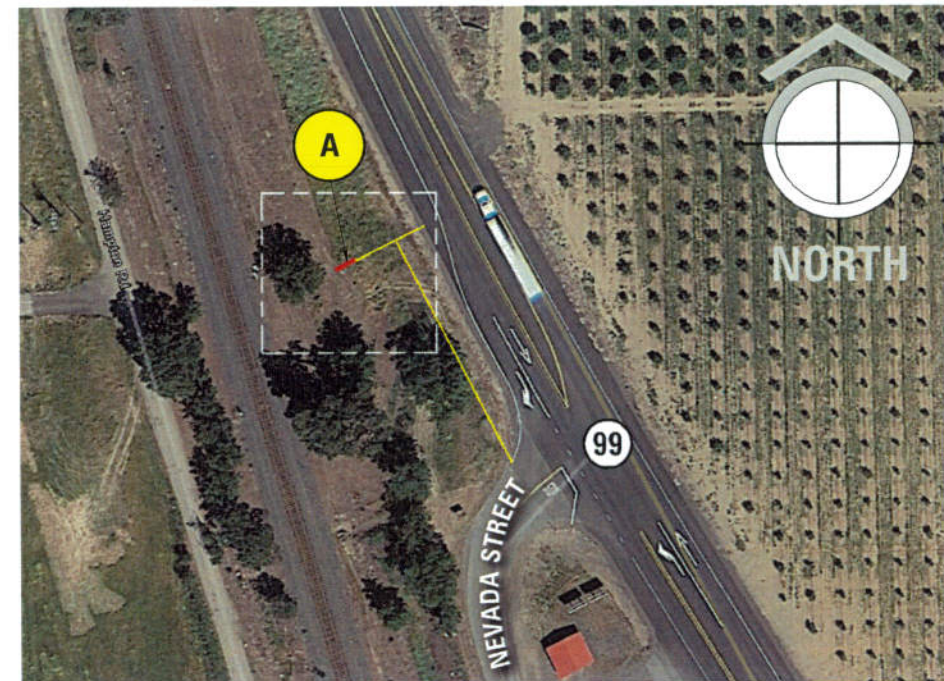
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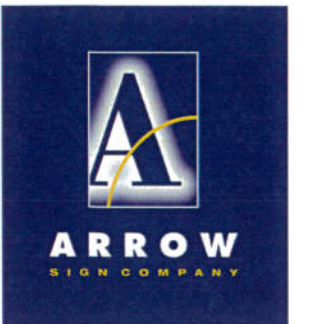
SITE MAP

Relative to Scale



VICINITY MAP

Relative to Scale



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Project

Live Oak
Live Oak, Ca

Date:

06/225/15

Sales:

☐ Steve Jones

Design:

☐ Randy Tucker

File Name/Location:

2015/L/Live Oak Monument

Rev.	Date	Description
A	3-7-17	Relocate solar

Customer Approval

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150625

Sheet 76



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www.arrowsigncompany.com

Project
Live Oak
Live Oak, Ca

Date:
06/225/15

Sales:
☐ Steve Jones

Design:
☐ Randy Tucker

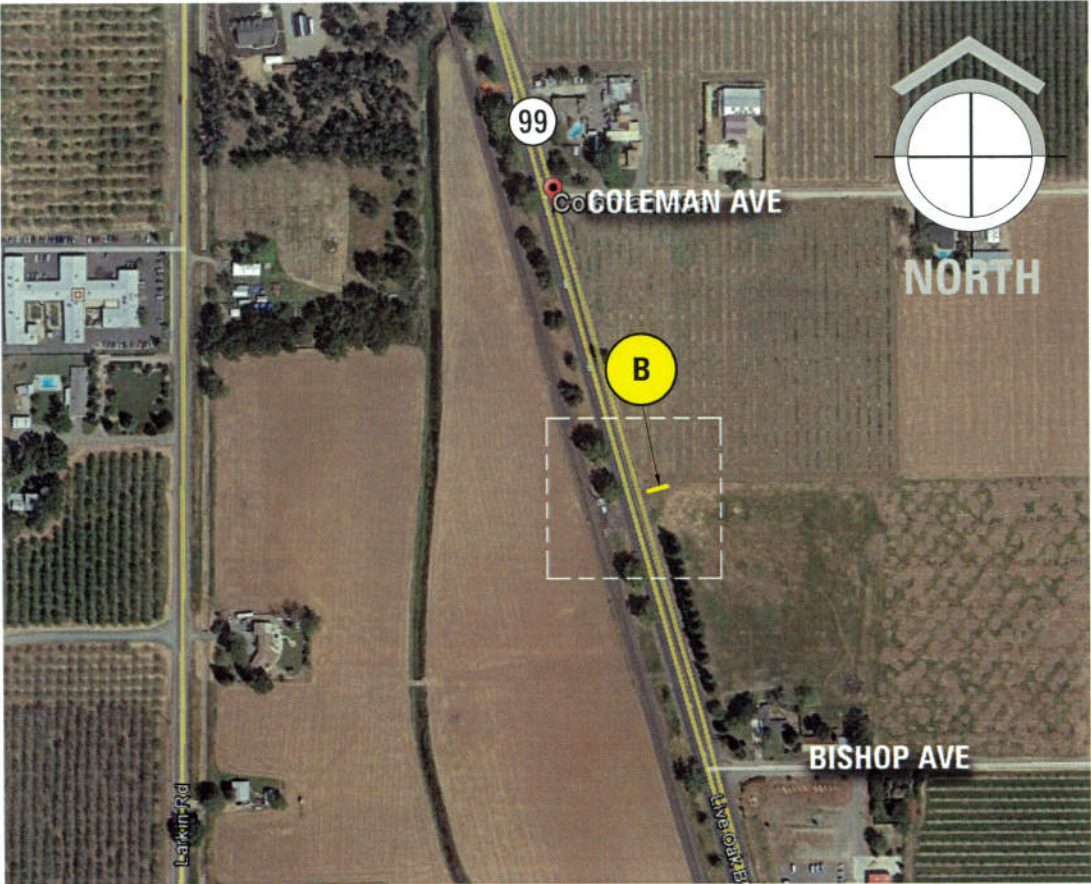
File Name/Location:
2015/L/Live Oak Monument

Rev.	Date	Description
A	3/2/17	Added Solar Panel Install Location
B	3-7-17	Relocate solar

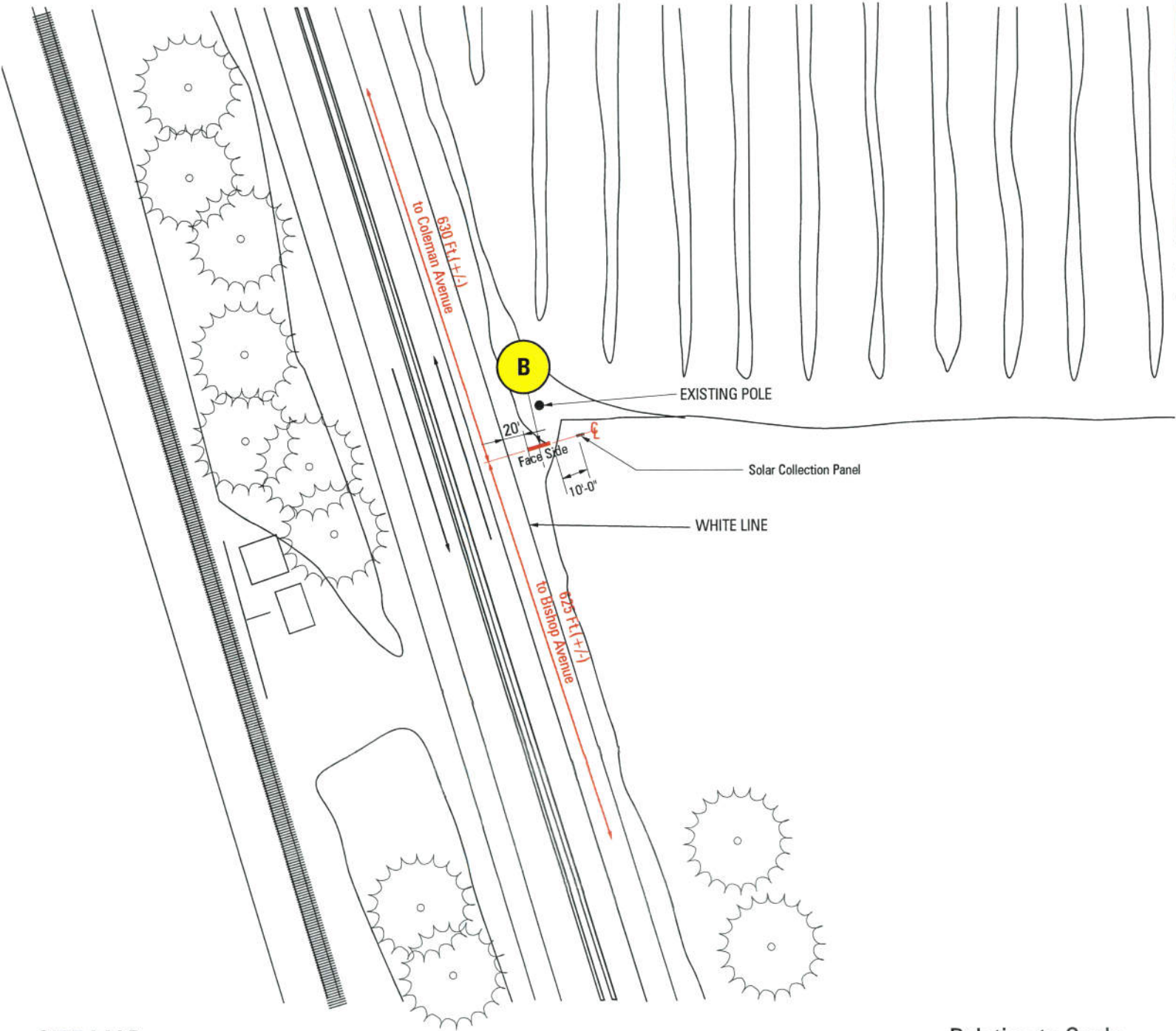
Customer Approval

This drawing is a representation of colors and may not accurately depict final color of product. Refer to paint swatch or material samples for color reference.

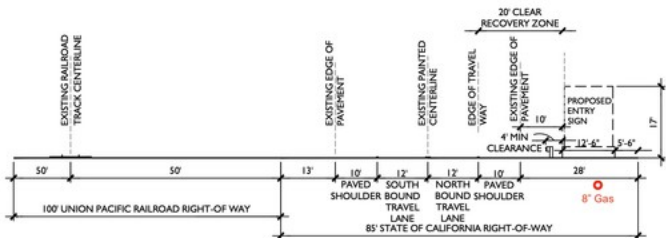
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VICINITY MAP Relative to Scale



SITE MAP Relative to Scale





**City of Live Oak
Report to City Council**

Meeting Date: April 5, 2023

Title: Conference with Real Property Negotiators Pursuant to Government Code
Section 54956.8:
Property Description: 5625 Larkin Road, Live Oak, CA 95953; APN 10-150-
003
City Negotiator: Aaron Palmer
Negotiating Parties: Sutter Buttes Nursery
Negotiations: Price and terms