REGULAR OPEN SPACE, ACTIVE TRANSPORTATION, AND SUSTAINABILITY COMMISSION MEETING AGENDA

City Hall - Council Chambers
4381 Broadway, Ste. 201, American Canyon
September 4, 2024
6:30 PM

Chair: Tara McClinton-Horner
Vice Chair: Scott Artis
Commissioners: Barry Christian, Sean Hughes, Nance Matson
Youth Commissioner: Vacant

Tonight's meeting is a limited public forum. American Canyon promotes respectful and responsible behavior among its meeting participants, whether they are present in person or remotely. Using offensive language or remarks that promote, foster, or perpetuate discrimination based on race, creed, color, age, religion, gender marital status, status regarding public assistance, national origin, physical or mental disability or sexual orientation/gender identification, as well as any other category protected by federal, state or local laws will not be tolerated. In the case of an occurrence, the speaker will be immediately disconnected from the microphone.

PUBLIC PARTICIPATION
Open Space, Active Transportation and Sustainability Commission and other public meetings will be conducted in person. This meeting is also available via Zoom, is broadcast live to residents on Napa Valley TV, on our website and on YouTube.

Zoom Link: Click here. **Webinar ID:** 880 2614 8375; Passcode: 123456. **Phone in to Zoom:** 408-638-0968

Oral comments, during the meeting: Oral comments can be made in person during Open and Closed Session or through Zoom in Open Session only. On Zoom use the "raise your hand" tool during any public comment period. To avoid confusion, hands raised outside of Public Comment periods will be lowered.

Written comments: Submit written comments by the eComments link, located on the Meetings & Agendas page of our website. eComments are available to council members in real time. To allow for Council review of comments, eComments will close at 3:00 pm on the day of the meeting.

The above identified measures exceed all legal requirements for participation in public comment, including those imposed by the Ralph M. Brown Act. For more information, please call the Office of the City Clerk at (707) 647-4369 or email cityclerk@cityofamericancanyon.org.

AGENDA MATERIALS: Agenda materials are published 72 hours prior to the mee-ng and are available to the public via the City's website at www.americancanyon.gov.

AMERICANS WITH DISABILITIES ACT: Materials will be provided in appropriate alternative formats to comply with the Americans with Disabilities Act. Please send a written request to City Clerk at 4381 Broadway, Suite 201, American Canyon, CA 94503 or by email to cityclerk@cityofamericancanyon.org. Include your name, address, phone number and brief description of the requested materials, as well as your preferred alternative format or auxiliary aid, at least three calendar days before the meeting.

6:30 P.M. REGULAR MEETING

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

PRESENTATIONS

There are no Presentation items.

PUBLIC COMMENT - ITEMS NOT ON THE AGENDA

This time is reserved for members of the public to address the Open Space, Active Transportation and Sustainability Commission on items within their subject matter jurisdiction. Comments are limited to 3 minutes. Comments for items on the agenda will be taken when the item is called in open session. The Commission is prohibited by law from taking any action on matters discussed that are not on the agenda, and no adverse conclusions should be drawn if the Commissioners do not respond to public comment at this time.

AGENDA CHANGES

CONSENT CALENDAR

1. Minutes of August 7, 2024

Recommendation: Approve the minutes of the Regular Open Space, Active Transportation and Sustainability Commission of August 7, 2024.

BUSINESS

2. Capital Project Updates

Recommendation: Capital Project updates on Newell Open Space Improvements, Green Island Road Class I Trail, and Wetlands Edge Enhancement.

MANAGEMENT AND STAFF ORAL REPORTS

ADJOURNMENT

CERTIFICATION

I, Nicolle Hall, Deputy City Clerk for the City of American Canyon, do hereby declare that the foregoing agenda of the Open Space, Active Transportation, and Sustainability Commission was posted in compliance with the Brown Act prior to the meeting date.

_____

Nicolle Hall, Deputy City Clerk

CITY OF AMERICAN CANYON

REGULAR OPEN SPACE, ACTIVE TRANSPORTATION AND SUSTAINABILITY COMMISSION MEETING

ACTION MINUTES

August 7, 2024

7:30 P.M. REGULAR MEETING

CALL TO ORDER

The Open Space, Active Transportation and Sustainability Commission meeting was called to order at 7:30 p.m.

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was recited.

ROLL CALL

Present: Commissioner Barry Christian, Commissioner Sean Hughes, Commissioner Nance Matson, Chair Tara McClinton-Horner
Excused: Vice Chair Scott Artis

PRESENTATIONS

There were no presentations.

AGENDA CHANGES

There were no agenda Changes.

PUBLIC COMMENT - ITEMS NOT ON THE AGENDA

Chair McClinton-Horner called for public comments. Written comments: none. Oral comments: none. The public comment period was closed.

CONSENT CALENDAR

Action: Motion to approve the minutes of the Open Space, Active Transportation and Sustainability Commission meeting of May 1, 2024, as amended to correct an administrative error, made by Commissioner Sean Hughes, seconded by Commissioner Nance Matson, and CARRIED by roll call vote.

Ayes: Commissioner Barry Christian, Commissioner Sean Hughes, Commissioner Nance Matson, Chair Tara McClinton-Horner
Nays: None
Abstain: None
Excused: Vice Chair Scott Artis

1. Minutes of May 1, 2024

Action: Approved the minutes of the Open Space, Active Transportation and Sustainability Commission meeting of May 1, 2024.

BUSINESS

2. Clarke Ranch - Fuel Reduction and Replanting

The commission received a Clarke Ranch - Fuel Reduction and Replanting staff report from City Manager Jason Holley with Andrew Pineda, West Coast Arborist, Inc. available for questions. Chair Tara McClinton-Horner opened public comments. Written comments: Scott Thomason; Yvonne Baginski; Jeanette Goyetche. Oral comments: Yvonne Baginski was called to speak; Karen Fritz was called to speak. The public comment period was closed. Chair McClinton-Horner reopened public comment. Karen Fritz was called to speak. The public comment period was closed.

MANAGEMENT AND STAFF ORAL REPORTS

City Manager Jason Holley provided an oral report regarding future commission recruitments.

ADJOURNMENT

The meeting was adjourned at 9:08 p.m.

CERTIFICATION

Respectfully Submitted,

Taresa Geilfuss, City Clerk

TITLE
Capital Project Updates

RECOMMENDATION
Capital Project updates on Newell Open Space Improvements, Green Island Road Class I Trail, and Wetlands Edge Enhancement.

CONTACT
Ron Ranada, P.E., Senior Civil Engineer
Erica Ahmann Smithies, P.E., Public Works Director

BACKGROUND & ANALYSIS
Newell Open Space Improvements (PR13-0200)
The Project consists of asphalt paving, ADA and other access improvements to the parking lot and trailhead on the Newell Open Space Preserve. Work includes, but is not limited to, mobilization, stormwater pollution prevention, traffic control, concrete curb and gutter, sidewalk, driveway approach, pedestrian crossings, ADA improvements, Aggregate Base trail, asphalt paving, and striping on the Newell Open Space parking lot in American Canyon.

Status: Project is out to bid

Green Island Road Class I Trail (TR 16-0700)
The project will construct approximately 4,200 lineal feet of an 8-foot-wide new Class 1 multi-use trail on Green Island Road between Commerce Boulevard and Paoli Loop. Work in general will include construction management, clearing and grubbing, grading, aggregate base, portland cement concrete, and signage.

Status: Design complete, bid package is being finalized

Wetlands Edge Enhancement (PR19-0100)
The project consists in general the addition of a modular bathroom, shade structure, landscaping, irrigation, utilities, and trail improvements at the southwest corner of Eucalyptus Drive and Wetlands Edge Road.

Status: Design complete, bid package is being finalized

COUNCIL PRIORITY PROGRAMS AND PROJECTS

Outdoors and Recreation: "Expand opportunities for use of outdoor recreation and an active and healthy lifestyle."

ENVIRONMENTAL REVIEW

The item tonight is informational only. The City Council will conduct an environmental review prior to undertaking any discretionary action.

ATTACHMENTS:

1. Newell Open Space Preserve
2. Green Island Road Widening and Class I Trail
3. Wetlands Edge Park Landscape Plans

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-642-2444
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS

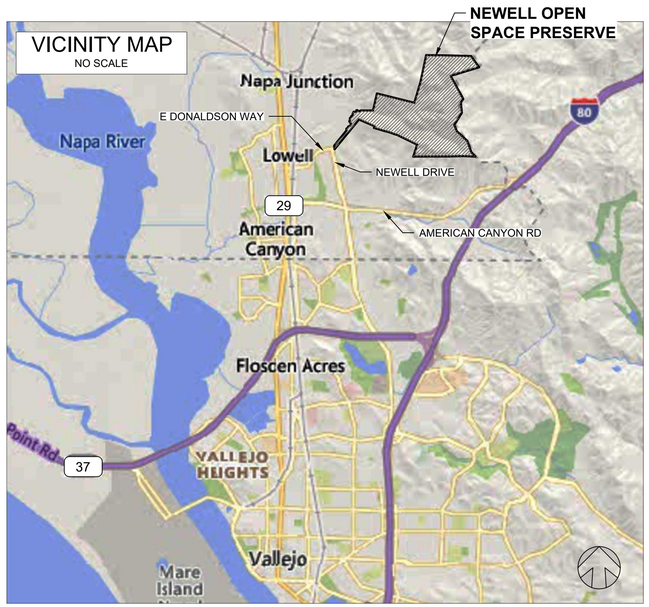
CITY OF AMERICAN CANYON

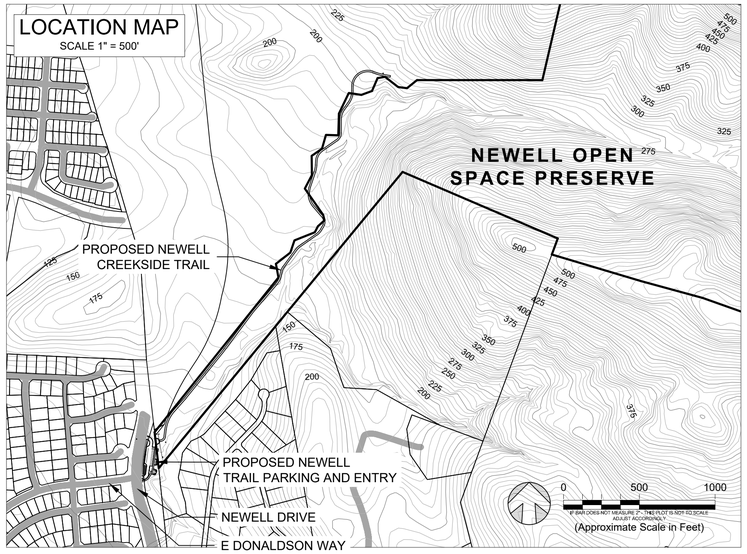
DEPARTMENT OF PARKS AND RECREATION

PLANS FOR CONSTRUCTION OF

NEWELL OPEN SPACE PRESERVE

TRAIL AND PARKING IMPROVEMENTS





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GENERAL NOTES

1. DESIGN INTENT: THESE PLANS AND SPECIFICATIONS REPRESENT THE DESIGN INTENT OF QUESTA ENGINEERING CORPORATION (THE ENGINEER), AS APPROVED BY THE OWNER, THE CITY OF AMERICAN CANYON (THE CITY). THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS SHOWN ON THESE PLANS AND SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS AND ASSOCIATED RISK AND EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A COPY OF THE APPROVED PLANS AND SPECIFICATIONS AND ANY ADDENDA AT THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY UNFORESEEN CIRCUMSTANCES OR CONDITIONS THAT WOULD ALTER THESE PLANS AND SPECIFICATIONS OR MODIFICATIONS TO THE INTENDED DESIGN.

2. COMPOSITE GROUND MAP: THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE MAP. THIS BASE MAP IS COMPILED FROM A SURVEY, AND OTHER DATA AS MADE AVAILABLE TO THE ENGINEER, WHO SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE MAP IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE THE SAME.

3. MATERIALS AND WORKMANSHIP: ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE NAPA COUNTY PUBLIC WORKS DEPARTMENT ENGINEERING STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, AND THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS UNLESS OTHERWISE NOTED. ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

4. PRE-CONSTRUCTION MEETING: A PRE-CONSTRUCTION MEETING SHALL BE ARRANGED BY THE CONTRACTOR AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF WORK. THE MEETING SHALL BE ATTENDED BY THE OWNER, CONTRACTOR (INCLUDING SITE FOREMAN AND KEY PERSONNEL), ENGINEER, AND REPRESENTATIVES OF ANY INVOLVED REGULATORY AGENCIES. PROSPECTIVE PARTICIPANTS SHALL BE NOTIFIED OF THE MEETING A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE MEETING. THE PURPOSE OF THE MEETING IS TO REVIEW THE WORK PLAN AND PROVIDE CLARIFICATIONS, REVIEW JOB REQUIREMENTS, AND DISCUSS CONDITIONS OF ANY PERMITS. SPECIAL ATTENTION WILL BE PAID TO ANY WETLANDS, SOIL EROSION AND WATER QUALITY PROTECTION REQUIREMENTS. NOTICE FOR THE CONTRACTOR TO PROCEED WITH WORK SHALL BE PROVIDED AT COMPLETION OF THE PRE-CONSTRUCTION MEETING.

5. RESOURCE PROTECTION: THE CONTRACTOR IS ADVISED OF THE PRESENCE OF SENSITIVE RESOURCES LOCATED NEAR PROJECT WORK AREAS. THE TRAIL ALIGNMENT, FENCING, STAGING AREAS AND ALL OTHER PROJECT FACILITIES HAVE BEEN CAREFULLY LOCATED TO AVOID PHYSICAL DISTURBANCE OF SENSITIVE RESOURCES. THE LIMITS OF WORK ARE SHOWN ON THE DRAWINGS. ALL CONTRACTOR ACTIVITIES, INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION ACTIVITIES, VEHICLE MAINTENANCE, AND MATERIALS AND EQUIPMENT STORAGE AND STAGING, MUST BE STRICTLY CONFINED TO THE WORK AREAS SHOWN ON THE DRAWINGS. THE LIMITS OF WORK WILL BE CAREFULLY LOCATED IN THE FIELD BY THE CONTRACTOR AND ENGINEER OF RECORD, AND ALL WORK LIMIT AREAS WILL BE PROTECTED BY STRAW WATTLES, CONSTRUCTION BARRIER FENCING, OR SILT FENCING AS SHOWN ON THE DRAWINGS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PENALTIES AND ALL REPAIRS AND MITIGATIONS IMPOSED DUE TO BREACH OF PROTOCOL AND UNAUTHORIZED INTRUSION INTO SENSITIVE RESOURCE AREAS.

6. COMPLETION SCHEDULE: CONTRACTOR SHALL PROVIDE THE CITY WITH A PROJECT CONSTRUCTION COMPLETION SCHEDULE WITHIN 72-HOURS OF AWARD OF CONTRACT AND REVIEW THIS SCHEDULE AND ANY CHANGES AT PRE-CONSTRUCTION MEETING. SITE IMPROVEMENTS, INCLUDING TRAIL CONSTRUCTION MUST BE COMPLETED PRIOR TO THE DATE SPECIFIED IN THE CONTRACT DOCUMENTS.

7. UTILITIES: CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY COMPANIES IN THE PROJECT AREA A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR MUST INVESTIGATE AND VERIFY THE LOCATION OF ANY EXISTING UTILITIES WITHIN THE PROJECT AREA. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY, LOCATE, AND PROTECT ALL UTILITIES. ANY UTILITIES PLOTTED ON THE PLANS ARE CONSIDERED TENTATIVE AND APPROXIMATIONS AND THEREFORE, NO WARRANTY EXPRESSED OR IMPLIED IS MADE AS TO THE COMPLETENESS OR CORRECTION OF THEIR LOCATION. THE UTILITY COMPANIES ARE THOUGHT TO BE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ON-CALL PROGRAM. THE CONTRACTOR SHALL NOTIFY U.S.A. 72-HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK AT 1-800-227 2600, 7:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. EXISTING PUBLIC UTILITIES SHALL BE KEPT IN SERVICE AT ALL TIMES. UTILITIES THAT INTERFERE WITH THE WORK TO BE PERFORMED SHALL BE PROTECTED AS REQUIRED BY THE CITY, PG&E, AT&T, AND ALL OTHER AFFECTED AGENCIES.

8. DAMAGE AND PROTECTION OF EXISTING FACILITIES: CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FACILITIES, AND ANY OTHER IMPROVEMENTS FROM DAMAGE RESULTING FROM CONTRACTOR'S WORK, INCLUDING ALL UTILITIES, PUBLIC AND PRIVATE. CONTRACTOR SHALL EXERCISE CARE TO AVOID EXCESSIVE DAMAGE TO EXISTING PUBLIC PROPERTY, INCLUDING STREETS, PARKING AREAS, NATIVE TREES, SHRUBS, WETLANDS, AND OTHER PROPERTY IMPROVEMENTS. IF CONTRACTOR CAUSES DAMAGES TO SUCH ITEMS, THEY SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT IN LIKE NUMBER, KIND, CONDITION AND SIZE. THE COST OF REPAIRS AND REPLACEMENT OF DAMAGED PROPERTY SHALL BE AT THE CONTRACTOR'S EXPENSE. ANY SUCH COSTS MAY BE DEDUCTED BY THE CITY FROM MONIES DUE CONTRACTOR UNDER THIS CONTRACT.

9. JOB SITE CONDITIONS, TRAFFIC CONTROL AND CONTRACTOR RESPONSIBILITY: CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, TRAFFIC CONTROL, AND ACCESS TO AND FROM ADJOINING DRIVEWAYS AND STREETS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY AND THE ENGINEER (QUESTA ENGINEERING CORPORATION) HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR THE ENGINEER. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS AS SET FORTH BY THE FEDERAL DEPARTMENT OF LABOR AND/OR THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY (CalOSHA) PRIOR TO EXCAVATION OF ANY TRENCH GREATER THAN FIVE (5) FEET IN DEPTH.

ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALTRANS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE OF WORK ZONES. ALL SIGNS SHALL BE APPROPRIATELY CONSTRUCTED WITH REFLECTIVE MATERIAL ON A BACKING OF METAL OR FABRIC (NO WOOD OR PLASTIC ALLOWED) AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROVIDE PROPER VISIBILITY, PER SECTION 12 OF THE CALTRANS SPECIAL PROVISIONS.

10. CLARIFICATION, CHANGE ORDERS, AND ADDITIONAL WORK: SHOULD ANY CONTRACTOR OR SUBCONTRACTOR FIND ANY DEFICIENCIES, ERRORS, CONFLICTS, OR OMISSIONS IN THESE PLANS AND SPECIFICATIONS, OR SHOULD THERE BE ANY DOUBT AS TO THEIR MEANING OR INTENT, THEN THE CONTRACTOR SHALL NOTIFY JOINTLY, THE CITY AND THE DESIGN ENGINEER (QUESTA ENGINEERING CORPORATION) FOR A WRITTEN CLARIFICATION, ADDENDUM, ETC. SHOULD THE CONTRACTOR FAIL TO DO SO BEFORE SUBMITTING AN INVOICE FOR ADDITIONAL WORK, THE CONTRACTOR CANNOT CLAIM ADDITIONAL COMPENSATION FOR WORK REQUIRED TO COMPLETE THE PROJECT. THE EXCEPTION IS EMERGENCY WORK AS DEFINED IN THE CALTRANS STANDARDS.

THE CITY OR ENGINEER OF RECORD, ACTING ON BEHALF OF THE CITY, MAY REQUIRE PLAN REVISIONS DUE TO UNFORESEEN CIRCUMSTANCES AND CONFLICTS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY, JOINTLY THE CITY AND THE ENGINEER OF RECORD OF ANY SUCH WORK THAT IS ADDITIONAL AND SUBMIT A WRITTEN COST-ESTIMATE FOR SUCH WORK. "EXTRA WORK" AND WRITTEN CHANGE ORDERS WILL BE EXECUTED UPON THE RECOMMENDATION OF THE ENGINEER.

11. PAYMENTS: PAYMENT SHALL BE BASED ON COMPLETED CONTRACTOR'S BID SHEET AND ISSUED WRITTEN CHANGE ORDERS. THE ENGINEER OF RECORD SHALL VERIFY FIELD MEASUREMENTS AND CONTRACTOR QUANTITY ESTIMATES, WHERE APPLICABLE, AND UNLESS OTHERWISE NOTED.

12. MISCELLANEOUS: WRITTEN DIMENSIONS ALWAYS TAKE PRECEDENCE OVER SCALED DIMENSIONS IF THERE IS A CONFLICT. THE CONTRACTOR SHALL JOINTLY CONTACT THE CITY AND QUESTA ENGINEERING CORPORATION TO OBTAIN ADDITIONAL CLARIFICATION. NO DEVIATION OR SUBSTITUTION SHALL BE ALLOWED WITHOUT OBTAINING PRIOR WRITTEN APPROVAL FROM THE ENGINEER.

APPROVED FOR CONFORMANCE TO CITY OF AMERICAN CANYON ENGINEERING STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AND APPURTENANT CONDITIONS OF APPROVAL

Erica Ahmann Smithies — 08/15/2024 (DATE)

ERICA L. AHMANN SMITHIES, P.E., C65468
PUBLIC WORKS DIRECTOR / CITY ENGINEER
CITY OF AMERICAN CANYON

NEWELL OPEN SPACE PRESERVE
TRAIL AND PARKING IMPROVEMENTS
City of American Canyon, CA
Department of Parks and Recreation

QUESTA ENGINEERING CORP
Civil Environmental & Water Resources
(510) 236-6114
FAX (510) 236-2423
questa@questaec.com
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

REGISTERED PROFESSIONAL ENGINEER — SIDNEY A. TEMPLE — 59695 — 12-31-25 EXPIRES — CIVIL — STATE OF CALIFORNIA

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Checked: JP
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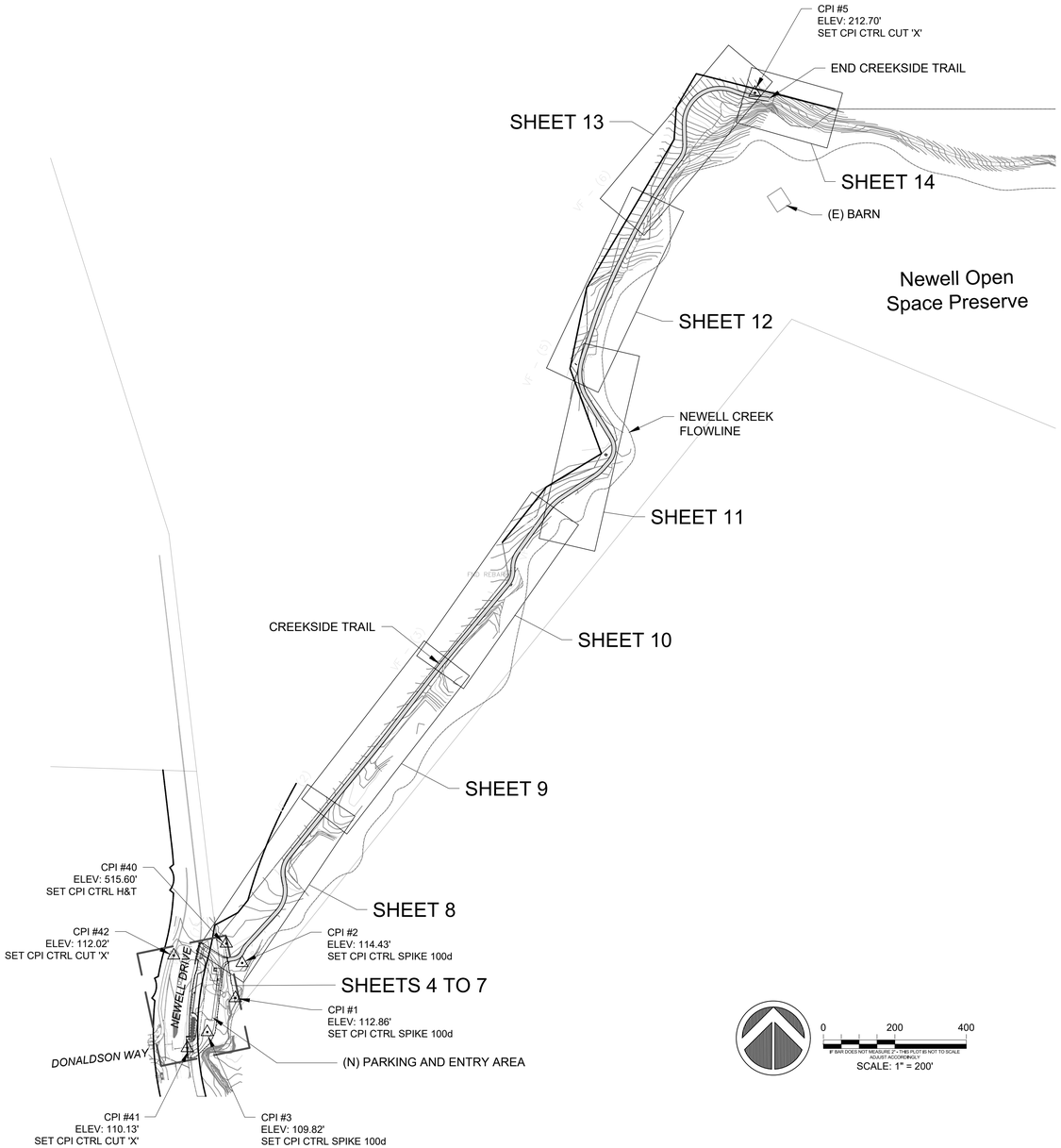

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SCALE: 1" = 200'

BENCHMARK

CONTROL POINT NUMBER 40. ELEVATION 115.599 FEET. BASED ON COR STATIONS P261 AND P199. NAVD 88.

BASIS OF BEARINGS

NORTH 76°57'08" WEST BETWEEN FOUND ANGLE IRON FENCE CORNER POST AS SHOWN ON THAT RECORD OF SURVEY FILED FOR RECORD IN BOOK 21 OF SURVEYS, PAGE 69, NAPA COUNTY RECORDS.

LAST SAVED: 8/13/2024 PLOT DATE: 8/13/2024 PLOT STYLE: ——— IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY

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NEWELL OPEN SPACE PRESERVE
TRAIL AND PARKING IMPROVEMENTS

City of American Canyon, CA
Department of Parks and Recreation

QUESTA ENGINEERING CORP
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Environmental
& Water Resources
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FAX (510) 236-2423
questa@questaec.com
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807

REGISTERED PROFESSIONAL ENGINEER
SIDNEY A. TEMPLE
59695
12-31-25
EXPIRES
CIVIL
STATE OF CALIFORNIA

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CONTROL AND KEYMAP

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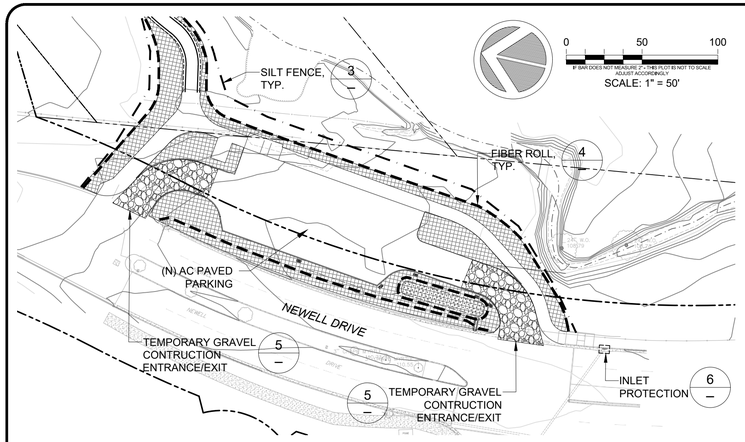
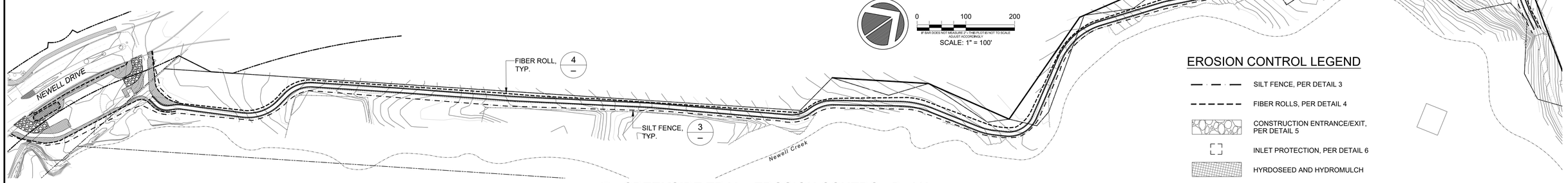


1 ENTRY AREA EROSION CONTROL PLAN

Scale: 1" = 50'

EROSION CONTROL NOTES

1. GRADING, EROSION CONTROL PRACTICES, AND SEDIMENT CONTROL PRACTICES SHALL MEET THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK AND SHALL BE ADEQUATE TO PREVENT TRANSPORTATION OF SEDIMENT FROM THE SITE TO ANY OFFSITE AREA TO THE SATISFACTION OF THE ENGINEER.
2. CLEARING, EXCEPT THAT NECESSARY TO ESTABLISH SEDIMENT CONTROL DEVICES, SHALL NOT BEGIN UNTIL ALL SEDIMENT CONTROL DEVICES HAVE BEEN INSTALLED AND HAVE BEEN STABILIZED.
3. SUFFICIENT EROSION AND SEDIMENT CONTROL SUPPLIES SHALL BE AVAILABLE ON SITE DURING THE RAINY SEASON (OCTOBER THROUGH APRIL) TO PROTECT AREAS SUSCEPTIBLE TO EROSION DURING RAIN EVENTS. CONTRACTORS SHALL BE PREPARED YEAR-ROUND TO DEPLOY EROSION AND SEDIMENT TREATMENT CONTROL PRACTICES.
4. SOIL DISTURBANCE WORK SHALL BE CONDUCTED DURING DRY WEATHER.
5. THE CONTRACTOR SHALL PROVIDE A SWPPP PRIOR TO THE COMMENCEMENT OF WORK.
6. THE CONTRACTOR SHALL PROVIDE ADEQUATE MATERIALS MANAGEMENT, INCLUDING COVERING, SECURING, AND SEGREGATING POTENTIALLY TOXIC MATERIALS (ASPHALT, HERBICIDES, PESTICIDES, FERTILIZER, GREASE, OILS, FUEL, PAINTS, STAINS, SOLVENTS, WOOD PRESERVATIVES, ETC.), AND PROVIDING SECONDARY CONTAINMENT FOR HAZARDOUS MATERIALS.
7. THE CONTRACTOR SHALL PROVIDE TRAINING AND EQUIPMENT TO CONTAIN SPILLS OF OIL AND OTHER HAZARDOUS MATERIALS.
8. PAVING OPERATIONS SHALL BE CONDUCTED IN A MANNER THAT PROPERLY DISPOSES OF WASTES AND IN WHICH MEASURES TO CONTROL RUN ON AND PREVENT RUNOFF FROM AREAS BEING PAVED ARE IMPLEMENTED.
9. SANITARY FACILITIES OF SUFFICIENT NUMBER AND SIZE TO ACCOMMODATE CONSTRUCTION CREWS SHALL BE LOCATED AWAY FROM STORM DRAIN INLETS AND DRAINAGE FACILITIES, AND ANCHORED TO PREVENT BEING BLOWN OVER OR TIPPED BY VANDALS. THE FACILITIES SHALL BE MAINTAINED IN GOOD WORKING ORDER AND EMPTIED AT REGULAR INTERVALS BY A LICENSED SANITARY WASTE HAULER.
10. SOIL STABILIZATION SHALL BE COMPLETED WITHIN FIVE DAYS OF CLEARING OR INACTIVITY IN CONSTRUCTION.
11. CONTRACTOR SHALL AVOID DISTURBING LAND IN SENSITIVE AREAS AND TO PRESERVE EXISTING VEGETATION WHEREVER POSSIBLE.
12. MAJOR GRADING OPERATIONS SHALL BE SCHEDULED DURING DRY MONTHS WHEN PRACTICAL, AND SHALL ALLOW ADEQUATE TIME AS SPECIFIED IN REGULATORY PERMITS BEFORE RAINFALL BEGINS TO STABILIZE THE SOIL WITH EROSION CONTROL MATERIALS.
13. SEEDING AND MULCHING SHALL BE DONE AFTER GRADING IS COMPLETE. CONTRACTOR SHALL WAIT TO SEED AND MULCH UNTIL OCT 1 TO LIMIT BIRD PREDATION
14. IF SEEDING OR ANOTHER VEGETATIVE EROSION CONTROL METHOD IS USED, THE VEGETATIVE COVER SHALL BECOME ESTABLISHED WITHIN A TIME-FRAME APPROVED BY THE ENGINEER, OR THE ENGINEER MAY REQUIRE THE SITE TO BE RE-SEEDED OR A NON-VEGETATIVE OPTION EMPLOYED.
15. SPECIAL TECHNIQUES THAT MEET THE DESIGN CRITERIA OUTLINED IN THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK ON STEEP SLOPES OR IN DRAINAGE WAYS SHALL BE USED TO ENSURE STABILIZATION.
16. SOIL STOCKPILES MUST BE STABILIZED AND/OR SECURELY COVERED AT THE END OF EACH WORKDAY.
17. IN AREAS WHERE PERMANENT RE-SEEDING AND PLANTING IS NOT ESTABLISHED AT THE CLOSE OF THE CONSTRUCTION SEASON, ADDITIONAL CONTROL MEASURES SHALL BE USED, SUCH AS A HEAVY MULCH LAYER OR ANOTHER METHOD THAT DOES NOT REQUIRE GERMINATION, TO ENSURE SOIL STABILIZATION AT THE SITE.
18. WHERE RUNOFF NEEDS TO BE DIVERTED FROM ONE AREA AND CONVEYED TO ANOTHER, EARTH DIKES, DRAINAGE SWALES, SLOPE DRAINS OR OTHER SUITABLE PRACTICE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK.
19. TECHNIQUES SHALL BE EMPLOYED TO PREVENT THE BLOWING OF DUST OR SEDIMENT FROM THE SITE.
20. TECHNIQUES THAT DELIVER UPLAND RUNOFF PAST DISTURBED SLOPES SHALL BE EMPLOYED WHEN DETERMINED NECESSARY BY THE PROJECT ENGINEER.
21. LINEAR SEDIMENT BARRIERS SHALL BE PLACED BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, DOWN-SLOPE OF EXPOSED SOIL AREAS, AROUND SOIL STOCKPILES, AND AT OTHER APPROPRIATE LOCATIONS ALONG THE SITE PERIMETER.
22. STREET SWEEPING SHALL BE CONDUCTED ON AN AS NEEDED BASIS TO REMOVE SEDIMENT FROM STREETS AND ROADWAYS AND TO PREVENT THE SEDIMENT FROM ENTERING STORM DRAINS OR RECEIVING WATERS.
23. EVERY STORM DRAIN INLET WITH THE POTENTIAL TO RECEIVE SEDIMENT-LADEN RUNOFF SHALL BE PROTECTED IN ACCORDANCE WITH THE DESIGN CRITERIA SET FORTH IN THE MOST RECENT VERSION OF THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICE HANDBOOK. INLET PROTECTION SHALL BE INSPECTED AND MAINTAINED FREQUENTLY.
24. SEDIMENT BASINS OR SEDIMENT TRAPS SHALL BE INSTALLED ON PROJECTS WHERE SEDIMENT-LADEN WATER MAY ENTER THE DRAINAGE SYSTEM OR WATERCOURSES AND IN ASSOCIATION WITH DIKES, TEMPORARY CHANNELS, AND PIPES USED TO CONVEY RUNOFF FROM DISTURBED AREAS.
25. OTHER MEASURES, SUCH AS TRACK-OUT PREVENTION DEVICES, OR AS REQUIRED BY THE ENGINEER IN ORDER TO ENSURE THAT SEDIMENT IS NOT TRACKED ONTO PUBLIC STREETS BY CONSTRUCTION VEHICLES OR WASHED INTO STORM DRAINS.

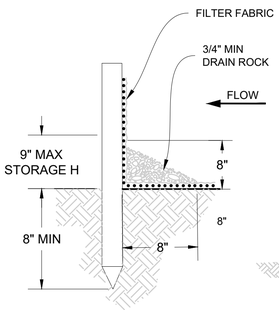


2 CREEKSIDE TRAIL EROSION CONTROL PLAN

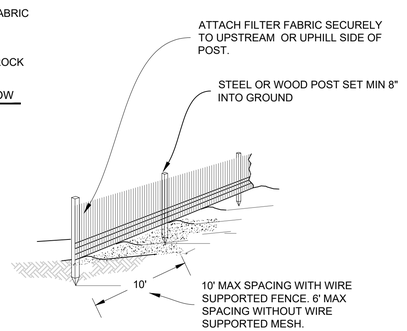
Scale: 1" = 50'

EROSION CONTROL LEGEND

- SILT FENCE, PER DETAIL 3
- FIBER ROLLS, PER DETAIL 4
- CONSTRUCTION ENTRANCE/EXIT, PER DETAIL 5
- INLET PROTECTION, PER DETAIL 6
- HYRDOSEED AND HYDROMULCH



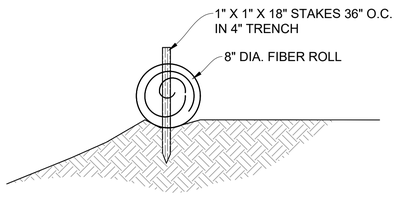
SECTION VIEW



SPACING AND LAYOUT

3 TEMPORARY SILT / ESA FENCE

NTS

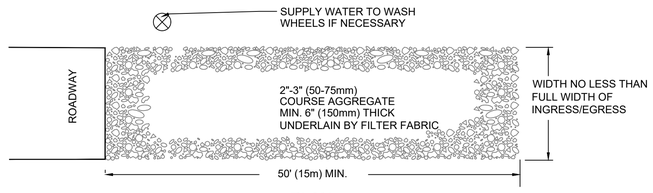


NOTES:

1. PLACE THE LOOSE EDGE OF THE FIBER ROLLS INTO A 4-INCH DEEP TRENCH AND SECURE WITH A SINGLE ROW OF STAPLES INSTALLED ON 12-INCH CENTERS
2. POSITION THE FIBER ROLLS INTO THE TRENCH ADJACENT TO THE SIDEWALK/BACK OF CURB/BACK OF V-DITCH
3. DRIVE WOODEN 18-INCH STAKES THROUGH THE ROLL ON APPROXIMATELY 3-FOOT CENTERS TO SECURE IN PLACE
4. USE COCONUT ROLLS FOR PERMANENT PLACEMENT

4 FIBER ROLL

NTS



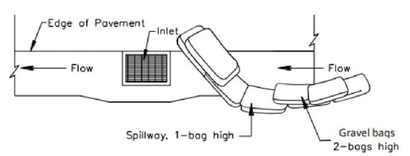
PLAN

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

5 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

NTS



TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:

1. INTENDED FOR SHORT-TERM USE.
2. USE TO INHIBIT NON-STORM WATER FLOW.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.
6. PROTECTION CAN BE EFFECTIVE EVEN IF IT IS NOT IMMEDIATELY ADJACENT TO THE INLET PROVIDED THAT THE INLET IS PROTECTED FROM POTENTIAL SOURCES OF POLLUTION.

6 DI PROTECTION TYPE 3

NTS

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REGISTERED PROFESSIONAL ENGINEER SIDNEY A. TEMPLE 59695 12-31-25 EXPIRES CIVIL STATE OF CALIFORNIA

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Design: MH/OR/CH
Drawn: OR
Checked: JP
Appr'd: ST

EROSION CONTROL PLAN

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 3 OF 19

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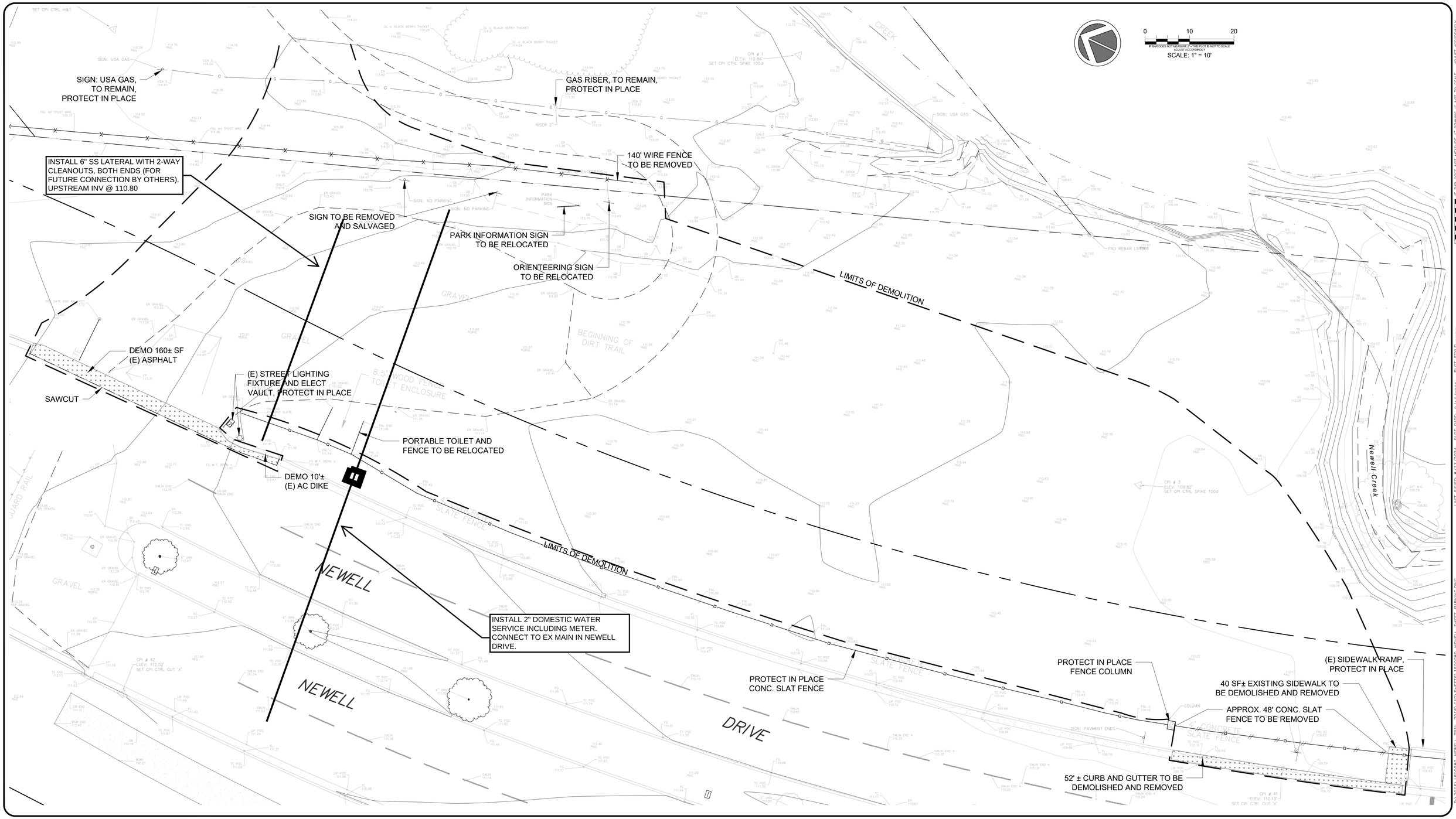

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PARKING & ENTRY - DEMO & UTILITY PLAN

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Sheet: 4 OF 19

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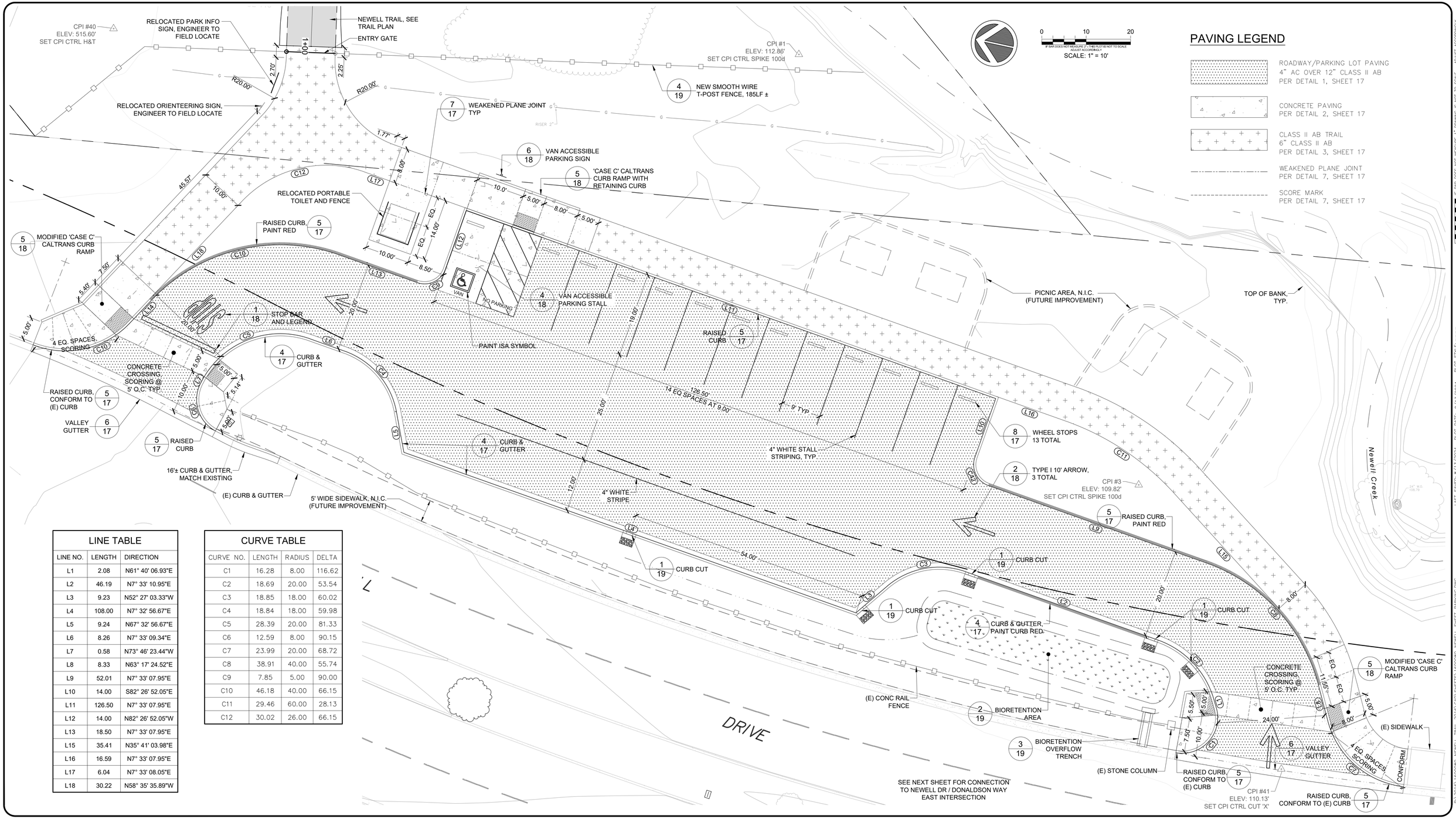

PAVING LEGEND

- ROADWAY/PARKING LOT PAVING
  4" AC OVER 12" CLASS II AB
  PER DETAIL 1, SHEET 17
- CONCRETE PAVING
  PER DETAIL 2, SHEET 17
- CLASS II AB TRAIL
  6" CLASS II AB
  PER DETAIL 3, SHEET 17
- WEAKENED PLANE JOINT
  PER DETAIL 7, SHEET 17
- SCORE MARK
  PER DETAIL 7, SHEET 17

LINE TABLE

LINE NO.	LENGTH	DIRECTION
L1	2.08	N61° 40' 06.93"E
L2	46.19	N7° 33' 10.95"E
L3	9.23	N52° 27' 03.33"W
L4	108.00	N7° 32' 56.67"E
L5	9.24	N67° 32' 56.67"E
L6	8.26	N7° 33' 09.34"E
L7	0.58	N73° 46' 23.44"W
L8	8.33	N63° 17' 24.52"E
L9	52.01	N7° 33' 07.95"E
L10	14.00	S82° 26' 52.05"E
L11	126.50	N7° 33' 07.95"E
L12	14.00	N82° 26' 52.05"W
L13	18.50	N7° 33' 07.95"E
L15	35.41	N35° 41' 03.98"E
L16	16.59	N7° 33' 07.95"E
L17	6.04	N7° 33' 08.05"E
L18	30.22	N58° 35' 35.89"W

CURVE TABLE

CURVE NO.	LENGTH	RADIUS	DELTA
C1	16.28	8.00	116.62
C2	18.69	20.00	53.54
C3	18.85	18.00	60.02
C4	18.84	18.00	59.98
C5	28.39	20.00	81.33
C6	12.59	8.00	90.15
C7	23.99	20.00	68.72
C8	38.91	40.00	55.74
C9	7.85	5.00	90.00
C10	46.18	40.00	66.15
C11	29.46	60.00	28.13
C12	30.02	26.00	66.15

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PARKING & ENTRY - LAYOUT

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Sheet: 5 OF 19

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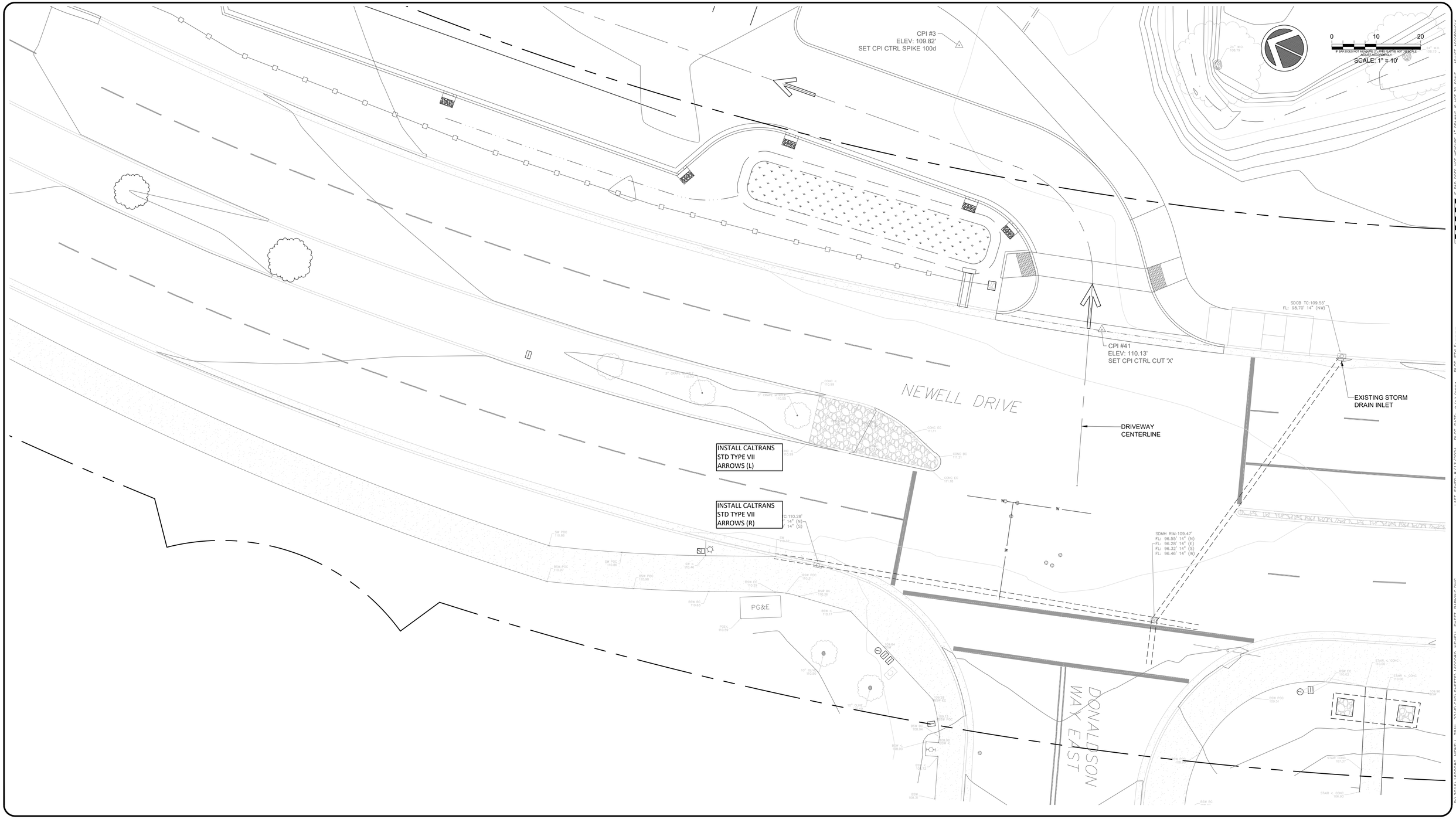

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NEWELL - DONALDSON

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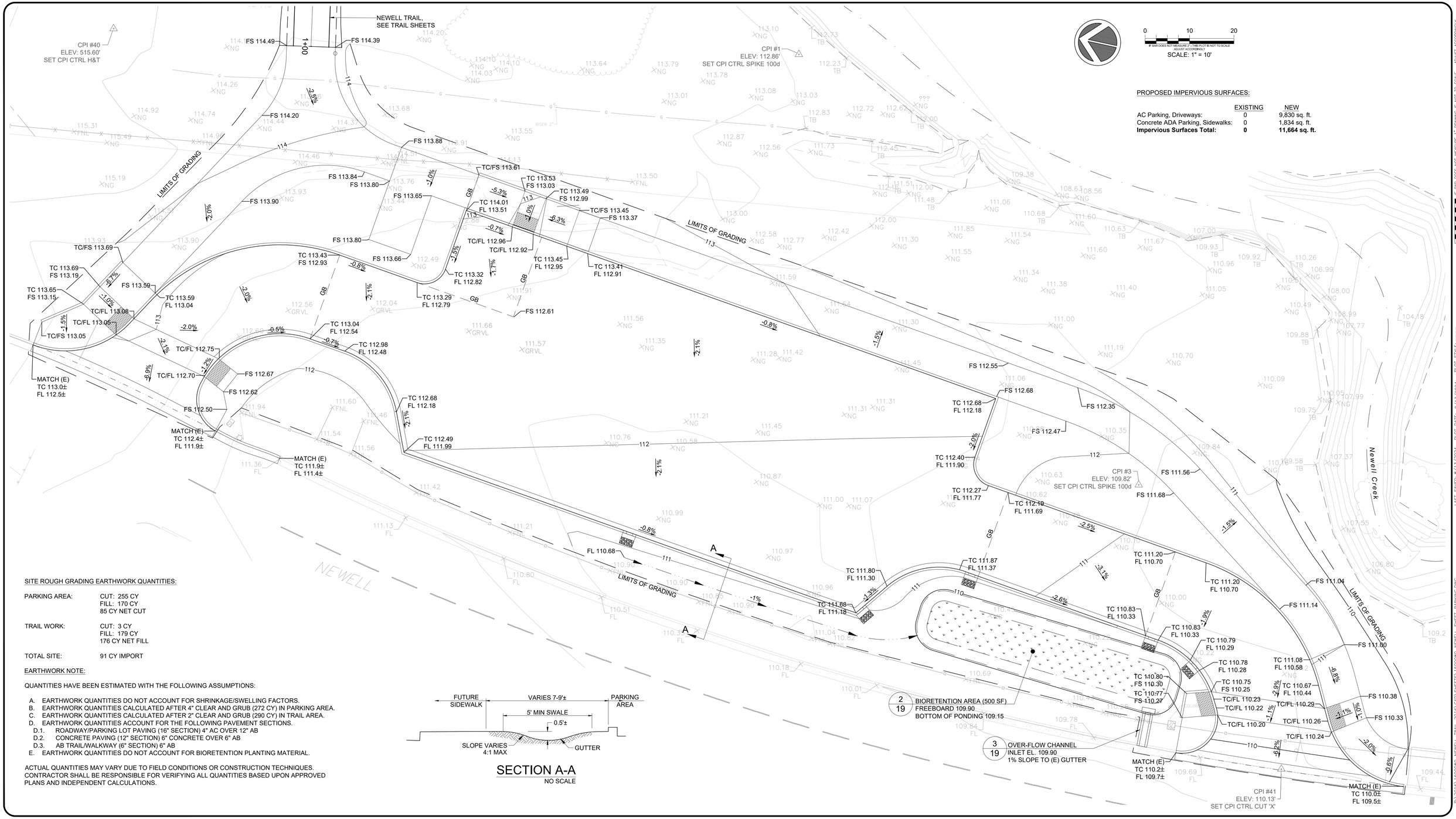

PROPOSED IMPERVIOUS SURFACES:

	EXISTING	NEW
AC Parking, Driveways:	0	9,830 sq. ft.
Concrete ADA Parking, Sidewalks:	0	1,834 sq. ft.
Impervious Surfaces Total:	**0**	**11,664 sq. ft.**

SITE ROUGH GRADING EARTHWORK QUANTITIES:

PARKING AREA:	CUT: 255 CY FILL: 170 CY 85 CY NET CUT
TRAIL WORK:	CUT: 3 CY FILL: 179 CY 176 CY NET FILL
TOTAL SITE:	91 CY IMPORT

EARTHWORK NOTE:

QUANTITIES HAVE BEEN ESTIMATED WITH THE FOLLOWING ASSUMPTIONS:

A. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR SHRINKAGE/SWELLING FACTORS.
B. EARTHWORK QUANTITIES CALCULATED AFTER 4" CLEAR AND GRUB (272 CY) IN PARKING AREA.
C. EARTHWORK QUANTITIES CALCULATED AFTER 2" CLEAR AND GRUB (290 CY) IN TRAIL AREA.
D. EARTHWORK QUANTITIES ACCOUNT FOR THE FOLLOWING PAVEMENT SECTIONS.
D.1. ROADWAY/PARKING LOT PAVING (16" SECTION) 4" AC OVER 12" AB
D.2. CONCRETE PAVING (12" SECTION) 6" CONCRETE OVER 6" AB
D.3. AB TRAIL/WALKWAY (6" SECTION) 6" AB
E. EARTHWORK QUANTITIES DO NOT ACCOUNT FOR BIORETENTION PLANTING MATERIAL.

ACTUAL QUANTITIES MAY VARY DUE TO FIELD CONDITIONS OR CONSTRUCTION TECHNIQUES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES BASED UPON APPROVED PLANS AND INDEPENDENT CALCULATIONS.

SECTION A-A
NO SCALE

2/19 BIORETENTION AREA (500 SF)
FREEBOARD 109.90
BOTTOM OF PONDING 109.15

3/19 OVER-FLOW CHANNEL
INLET EL. 109.90
1% SLOPE TO (E) GUTTER

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PARKING & ENTRY - GRADING

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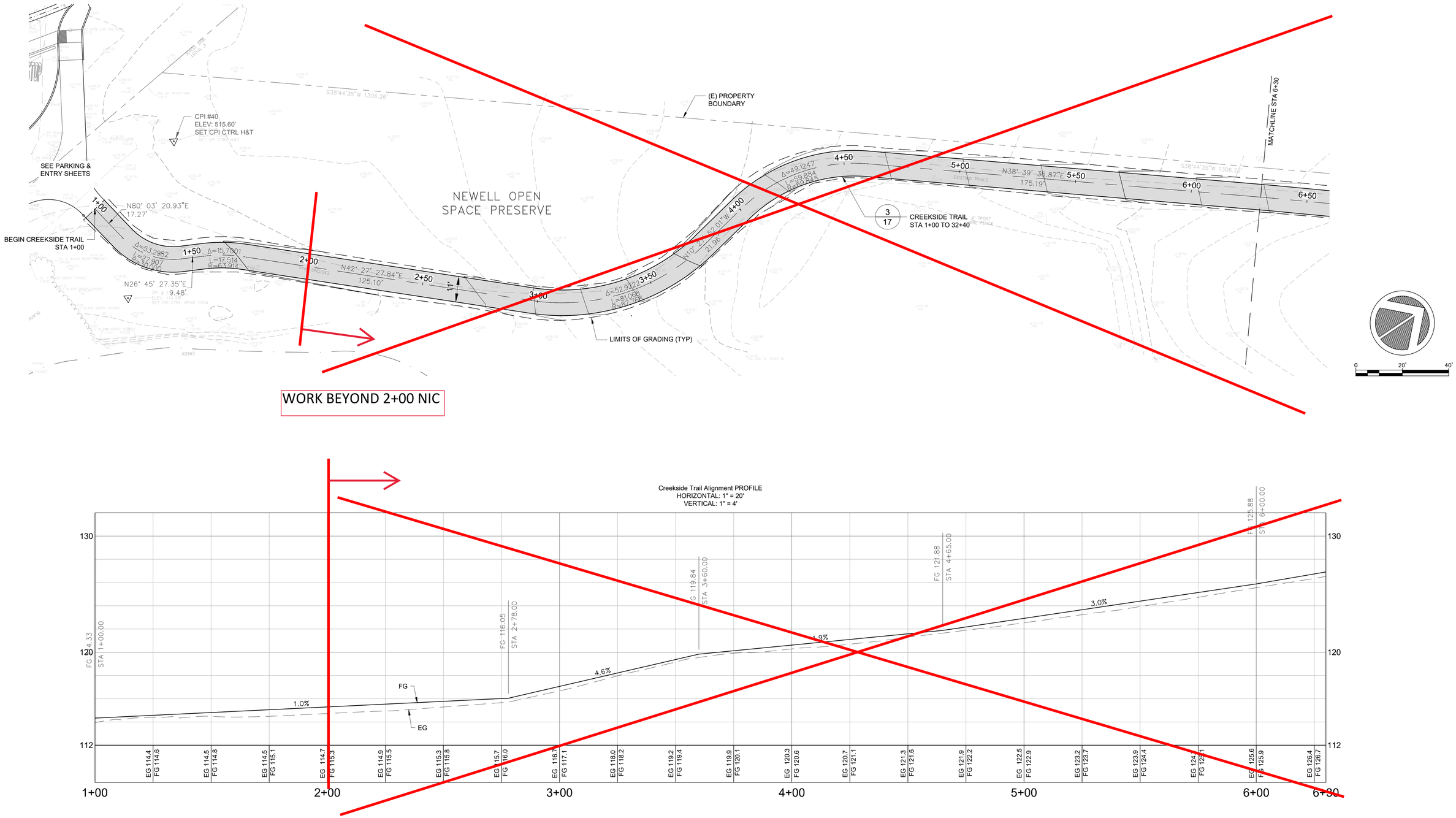

WORK BEYOND 2+00 NIC

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TRAIL PLAN & PROFILE (1)
STA (1+00 TO 6+30)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 8 OF 19

IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY
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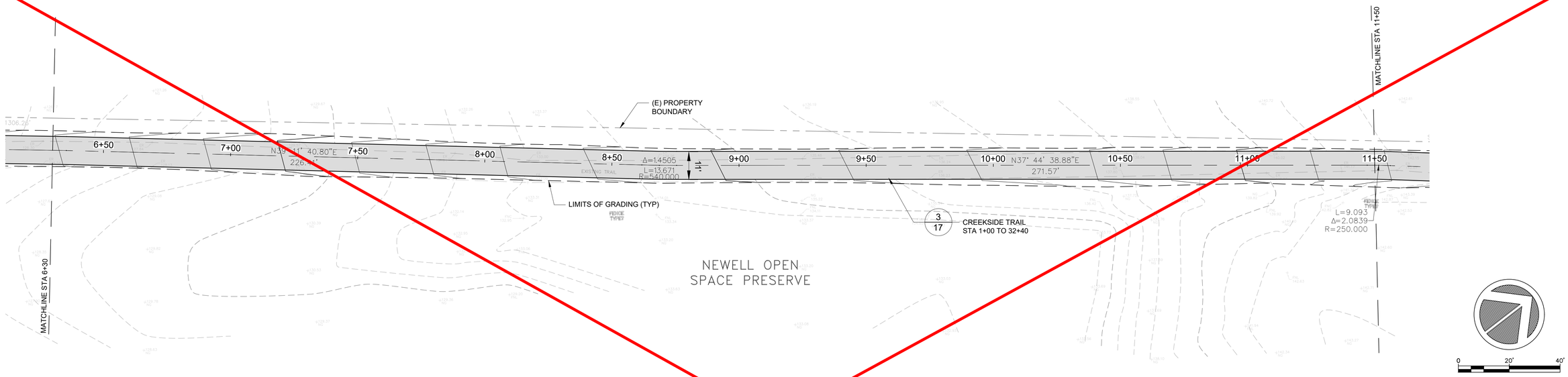

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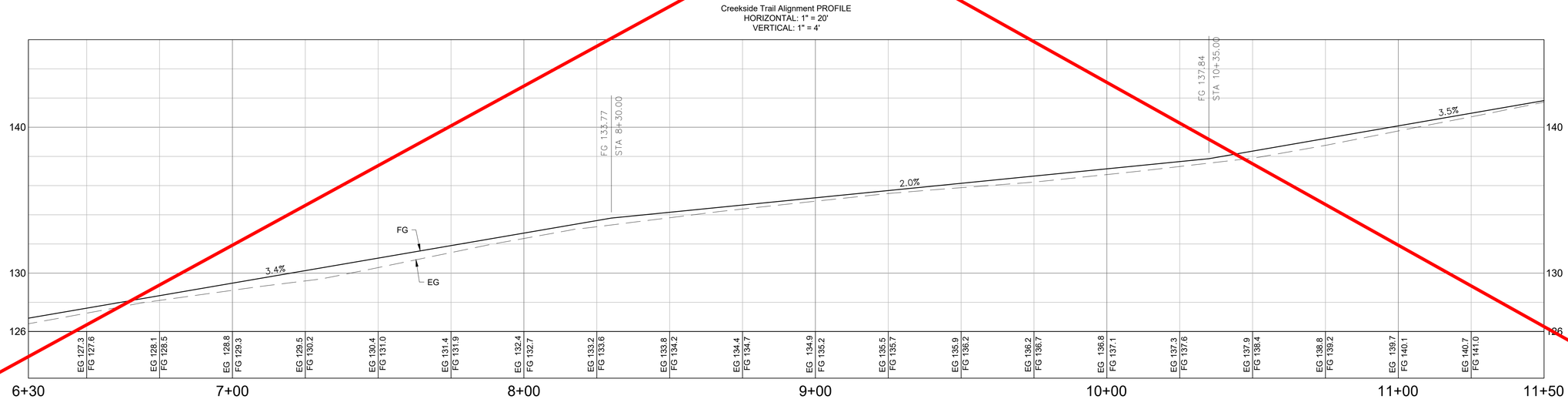

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TRAIL PLAN & PROFILE (2)
STA (6+30 TO 11+50)

Size: D
Project: 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 9 OF 19

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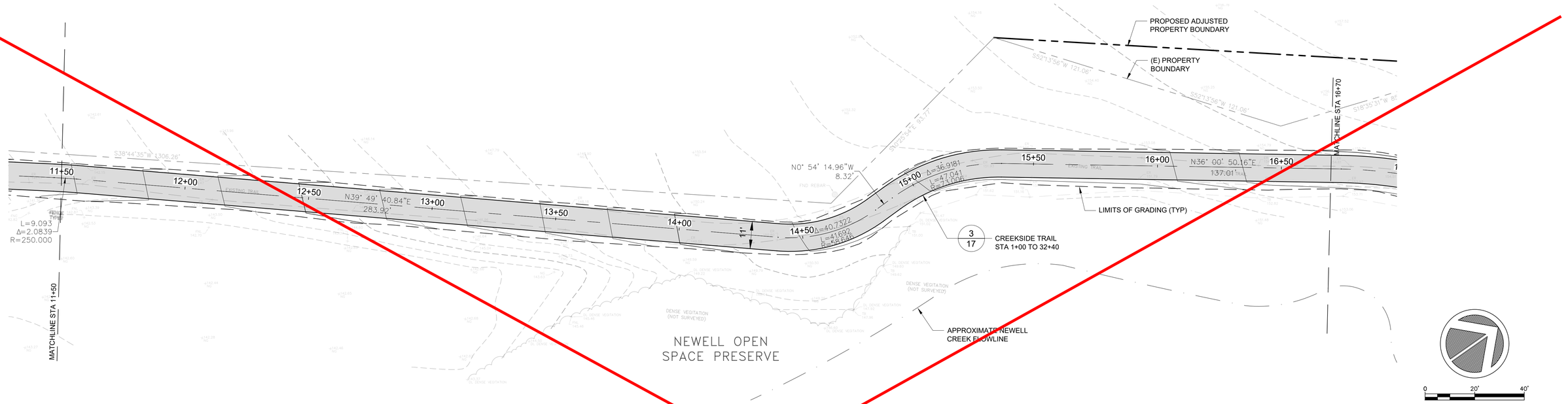

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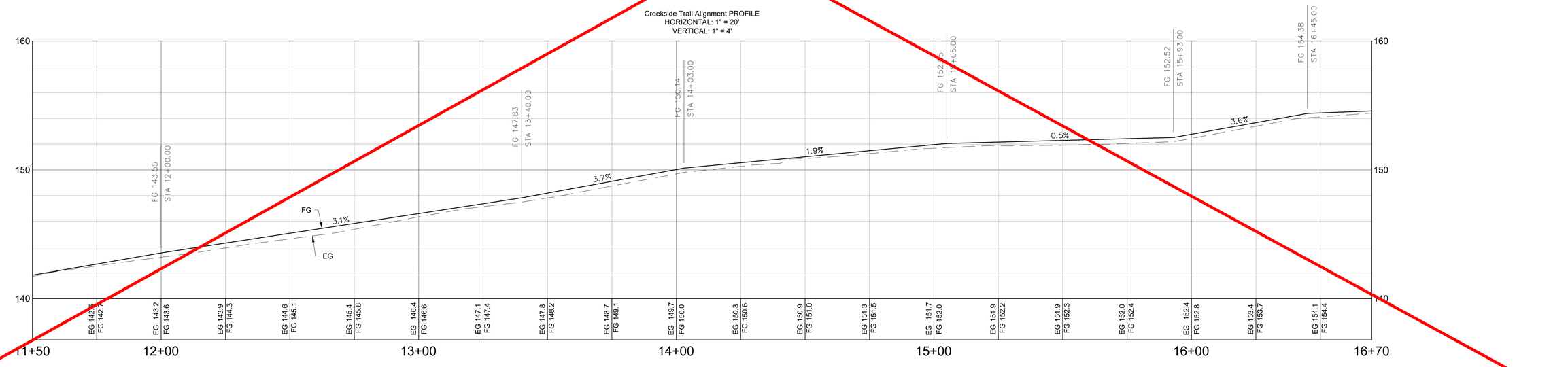

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TRAIL PLAN & PROFILE (3)
STA (11+50 TO 16+70)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 10 OF 19

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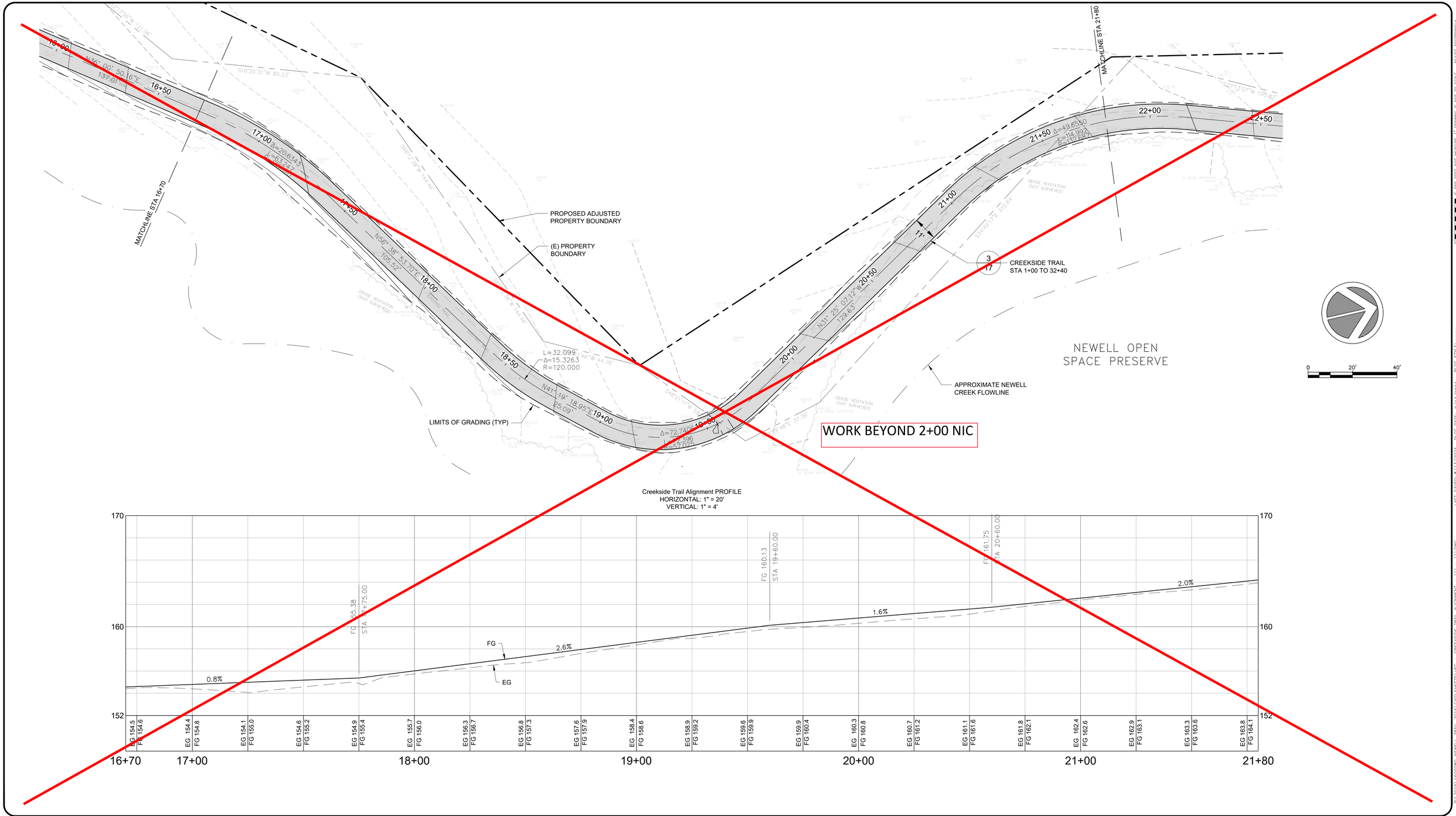

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TRAIL PLAN & PROFILE (4)
STA (16+70 TO 21+80)

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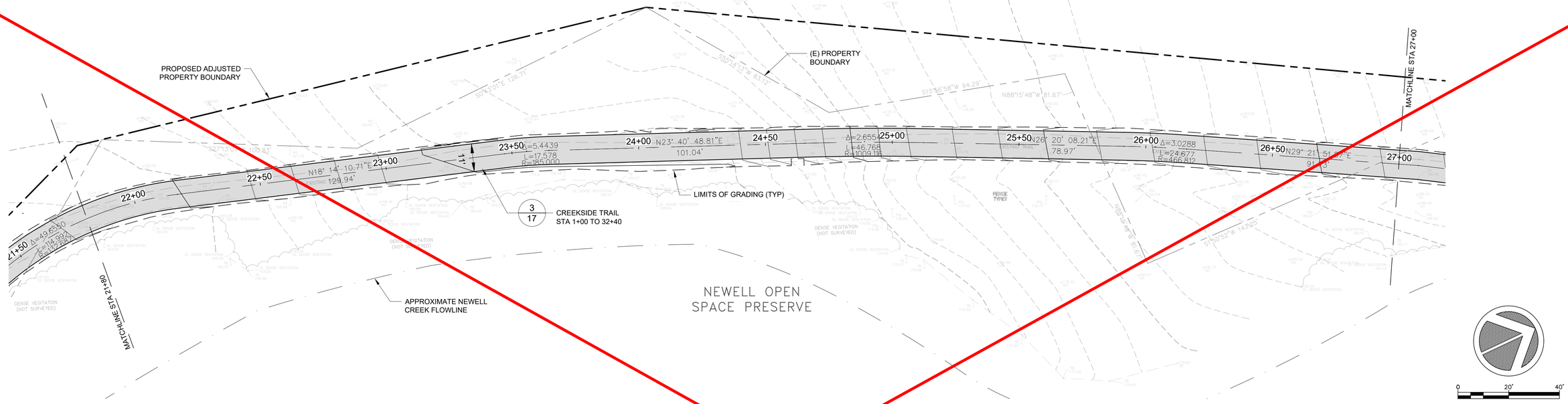
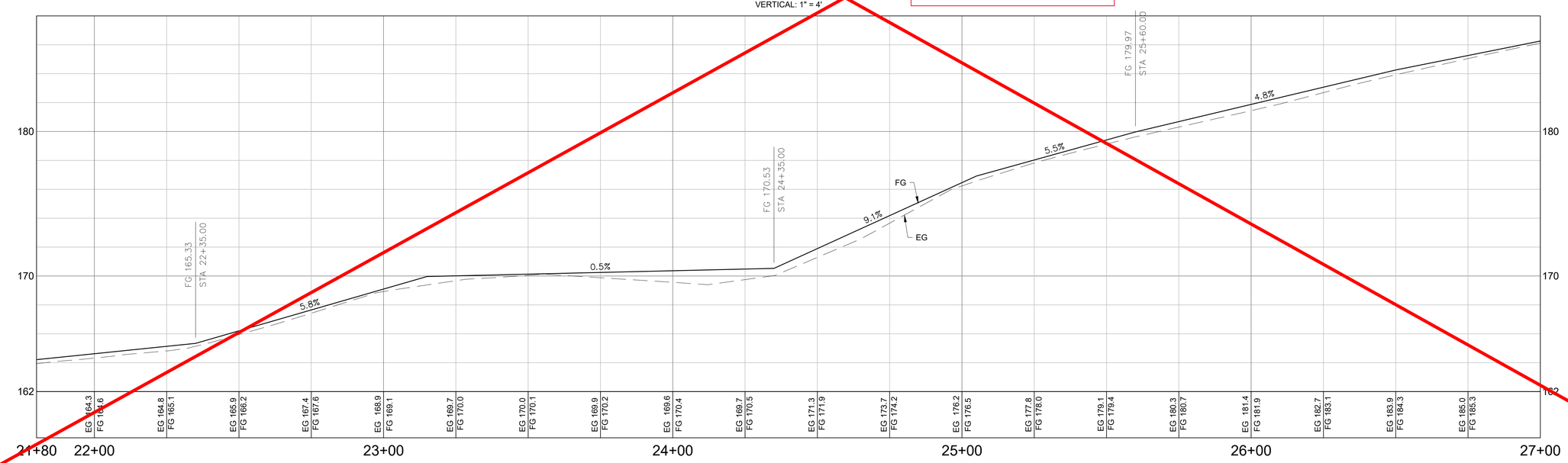


WORK BEYOND 2+00 NIC



NEWELL OPEN SPACE PRESERVE
TRAIL AND PARKING IMPROVEMENTS

City of American Canyon, CA
Department of Parks and Recreation

QUESTA ENGINEERING CORP
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questa@questaec.com
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REGISTERED PROFESSIONAL ENGINEER
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59695
12-31-25
EXPIRES
STATE OF CALIFORNIA

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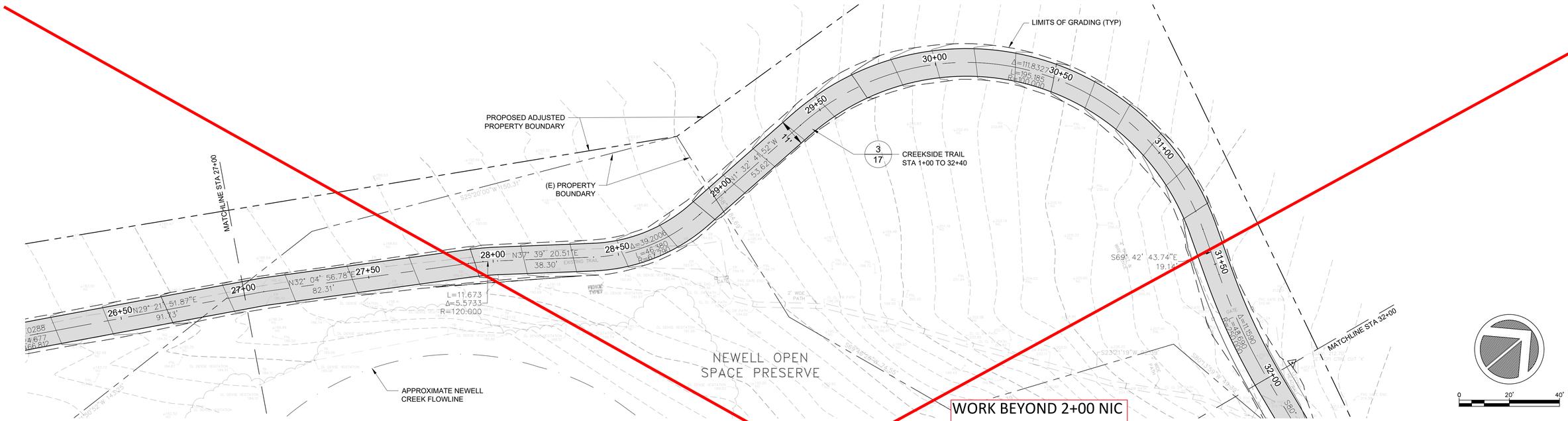
Design: MH/OR/CH
Drawn: OR
Checked: JP
Appr'd: ST

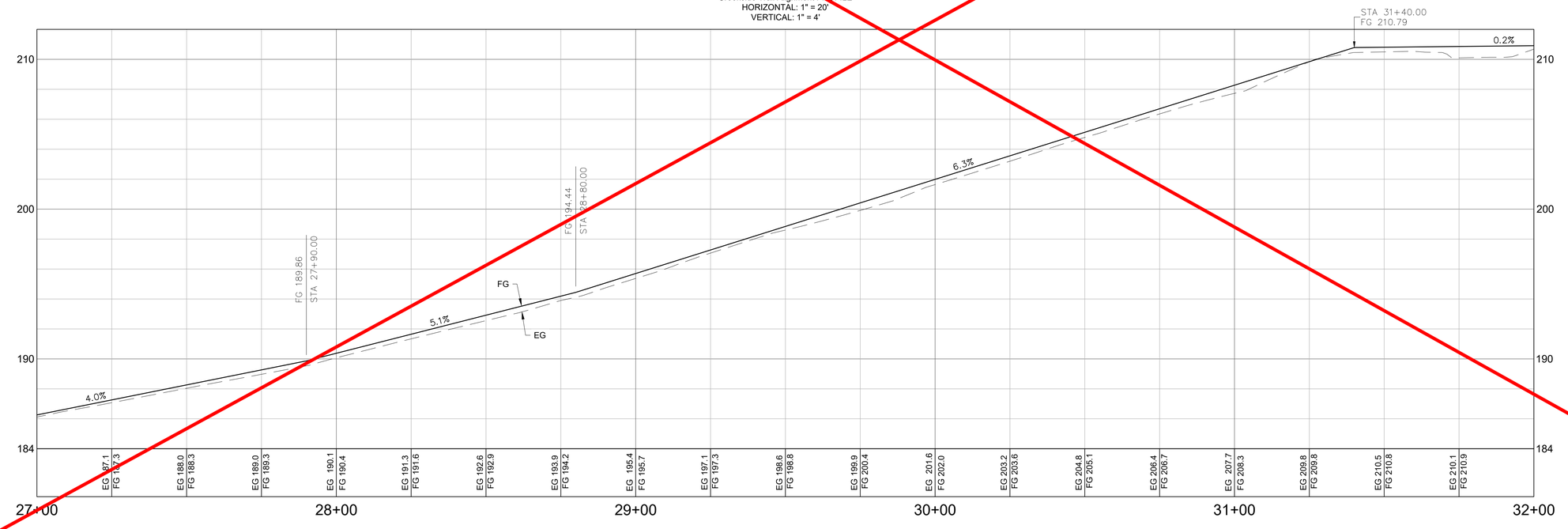
TRAIL PLAN & PROFILE (5)
STA (21+80 TO 27+00)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 12 OF 19

IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY
LAST SAVED: 8/13/2024 PLOT DATE: 8/13/2024 PLOT STYLE: ---
P:\2016\1600080_NEWELL_TRAIL_2016\CAD\SHEETS\VFG - CREEKSIDE TRAIL ALIGNMENT - (1) - (1).DWG



Creekside Trail Alignment PROFILE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 4'



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TRAIL PLAN & PROFILE (6)
STA (27+00 TO 32+20)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 13 OF 19

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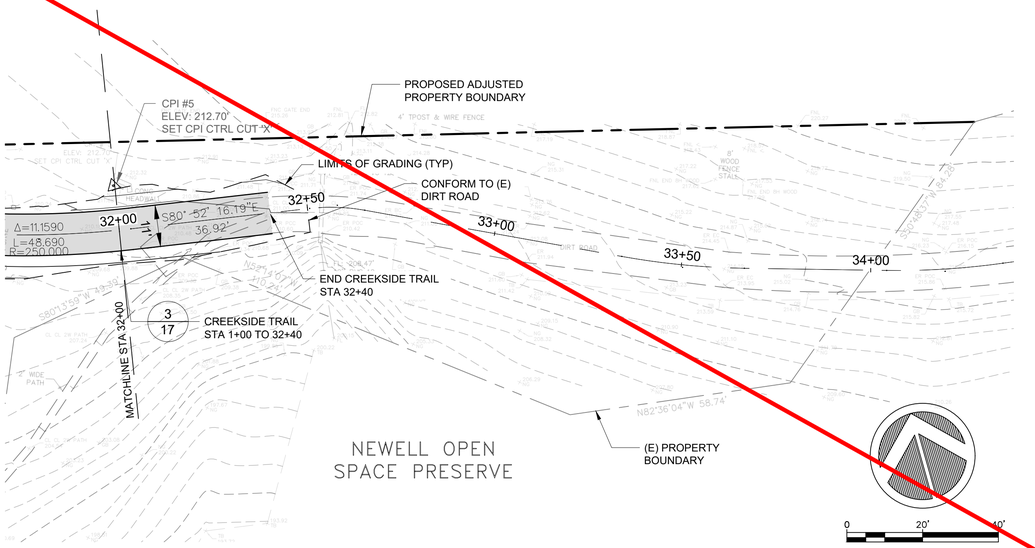
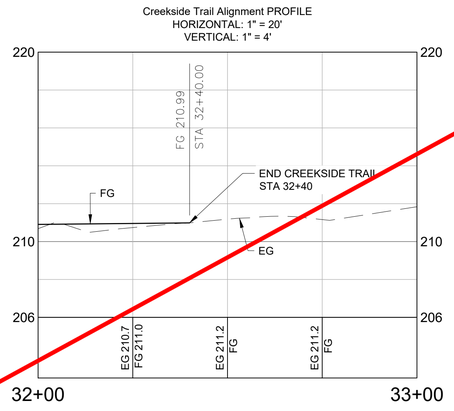


WORK BEYOND 2+00 NIC



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TRAIL PLAN & PROFILE (7)
STA (32+20 TO 32+40)

Size: D
Project: 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 14 OF 19

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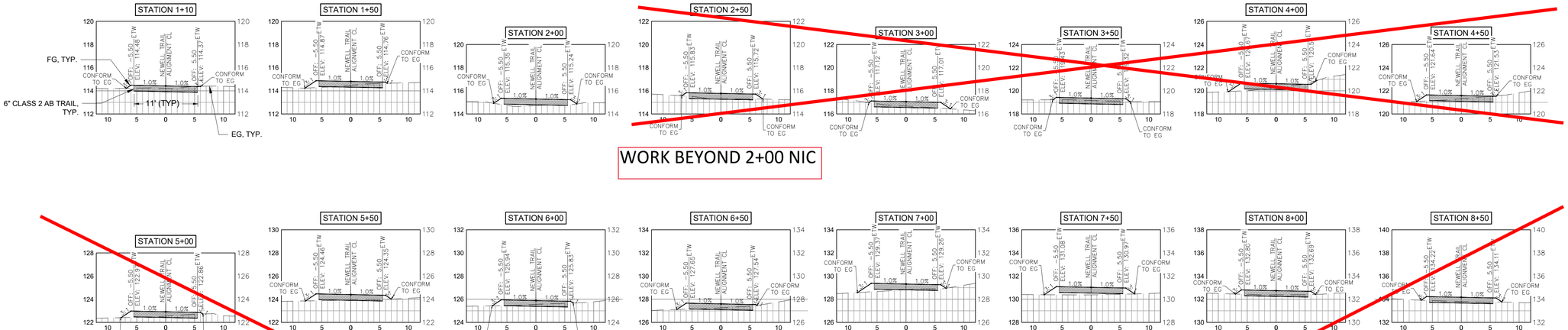

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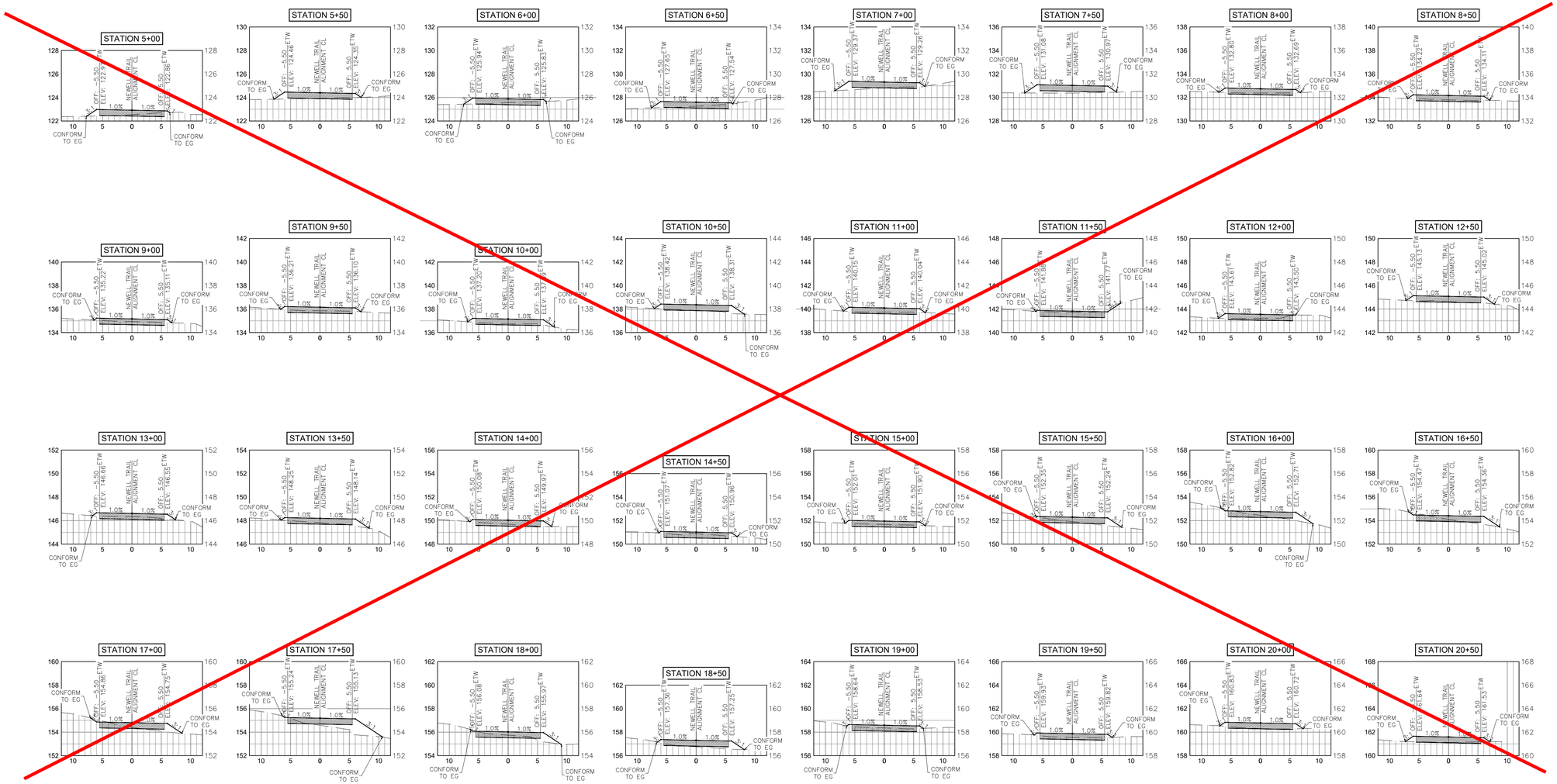

SECTIONS

SCALE: HORIZ 1" = 10'
VERT 1" = 5'

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TRAIL SECTIONS (1)
STA (1+10 TO 20+50)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 15 OF 19

IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY

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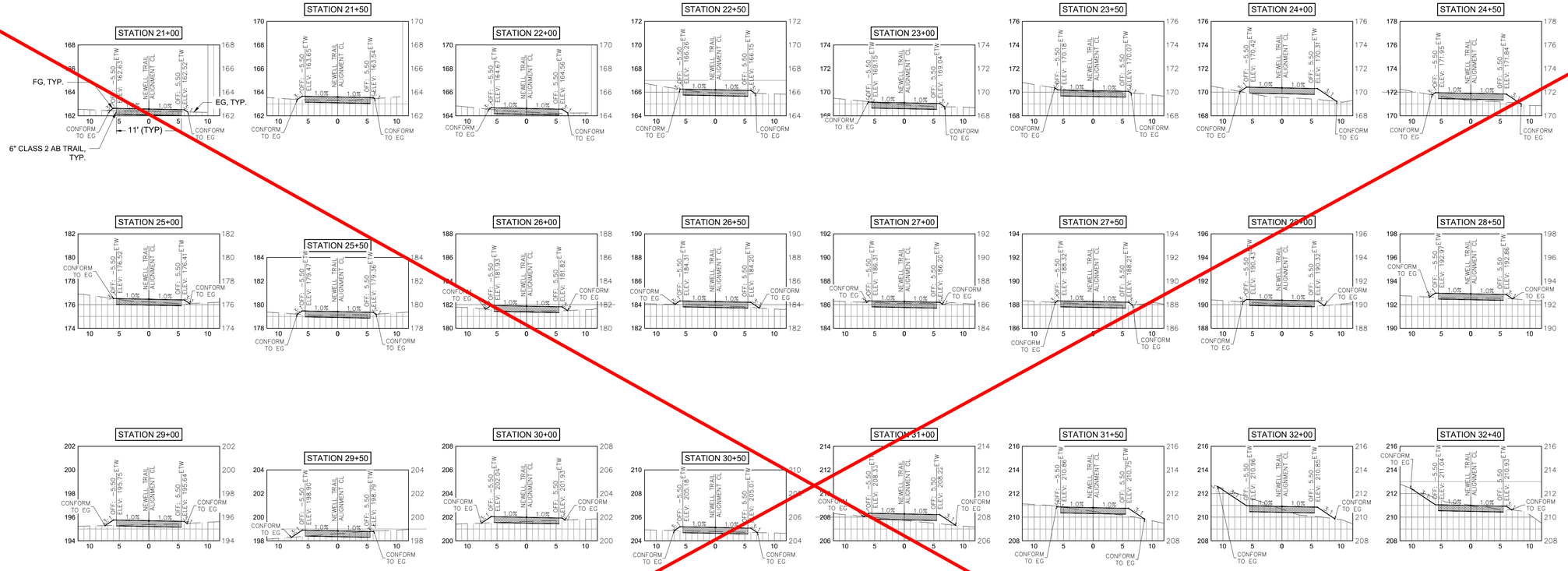

SECTIONS

SCALE: HORIZ 1" = 10'
VERT 1" = 5'

WORK BEYOND 2+00 NIC

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TRAIL SECTIONS (2)
STA (21+00 TO 32+40)

Size: D
Project: 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 16 OF 19

IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY

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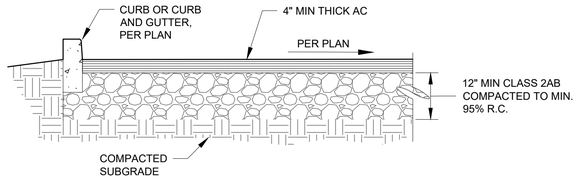
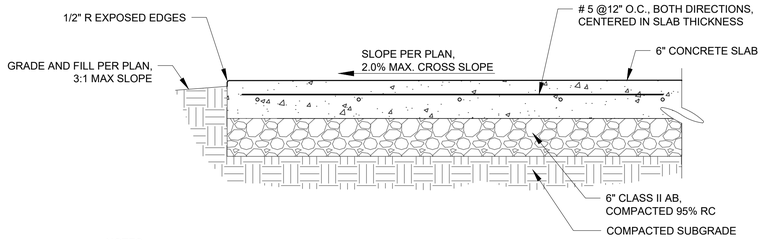


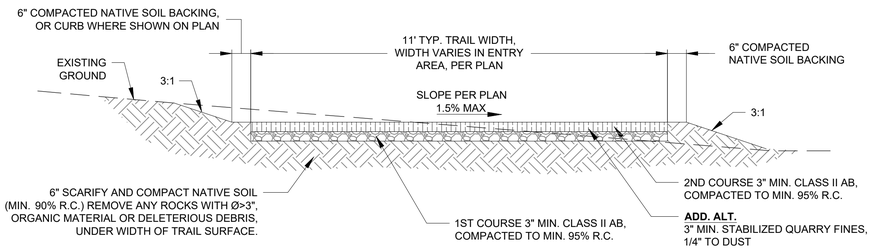
1 AC PAVING
Scale = NTS



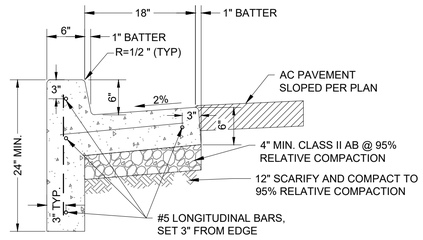
NOTES:

1. CONCRETE PAVING DETAIL SHALL BE APPLIED ONLY TO ADA PARKING STALL, CONCRETE DRIVEWAY CROSSWALKS, AND PORTABLE RESTROOM PAD.

2 CONCRETE PAVING
Scale = NTS



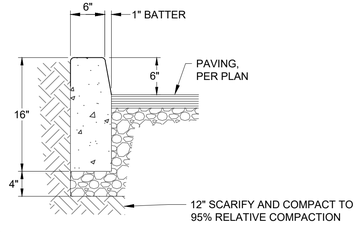
3 AB TRAIL PAVING
Scale = NTS



NOTES:

1. CONCRETE SHALL BE CLASS A, 3000 P.S.I. MINIMUM, WITH 1 1/2 LBS. POLYPROPYLENE FIBERS PER CUBIC YARD.
2. ALL CORNERS SHALL BE FINISHED WITH A 1/2 INCH RADIUS.
3. BROOM FINISH CURB AND GUTTER PARALLEL TO FLOWLINE.
4. EXPANSION JOINTS SHALL BE CONSTRUCTED AT INTERVALS OF 20 FEET MAXIMUM, U.O.N.
5. EXPANSION JOINTS SHALL BE INSTALLED IN THE CURB AND GUTTER AT ALL CURB RETURNS.

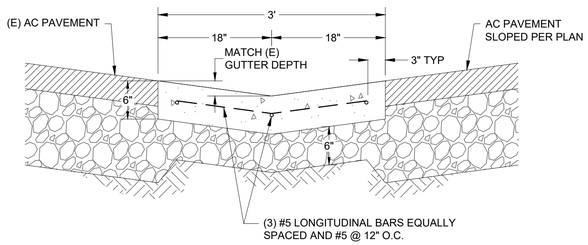
4 CURB AND GUTTER
Scale = NTS



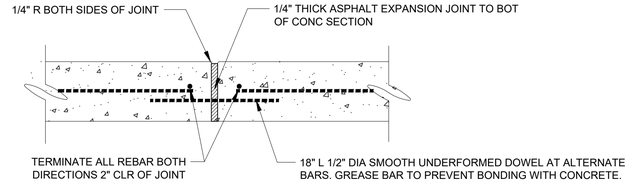
NOTES:

1. CONCRETE SHALL BE CLASS A, 3000 P.S.I. MINIMUM, WITH 1 1/2 LBS. POLYPROPYLENE FIBERS PER CUBIC YARD.
2. ALL CORNERS SHALL BE FINISHED WITH A 1/2 INCH RADIUS.
3. BROOM FINISH CURB AND GUTTER PARALLEL TO CURB FACE.
4. EXPANSION JOINTS SHALL BE CONSTRUCTED AT INTERVALS OF 20 FEET MAXIMUM, U.O.N.

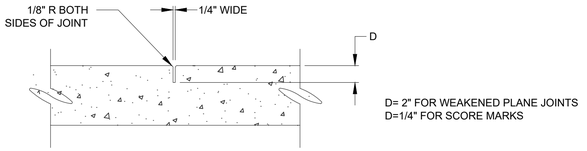
5 RAISED CURB
Scale = NTS



6 VALLEY GUTTER
Scale = NTS



A EXPANSION JOINT (EJ)

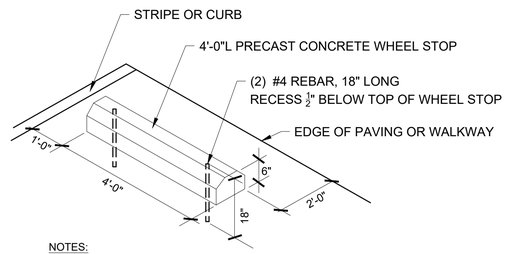


B CRACK CONTROL JOINT

CONCRETE JOINT NOTES:

1. SEE PLANS FOR JOINT LOCATIONS.
2. EXPANSION JOINTS SHALL EXTEND THROUGH THE FULL DEPTH OF THE ENTIRE WALKWAY OR CURB.

7 CONCRETE JOINTS - TYPICAL SECTIONS
Scale = NTS



NOTES:

1. CONCRETE WHEEL STOPS AND REBAR SHALL BE SUPPLIED BY THE CONTRACTOR.
2. WHEELS STOPS SHALL BE PRECAST CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
3. WHEELS STOP SHALL BE REINFORCED WITH A MINIMUM OF TWO #4 BARS OR FOUR #3 BARS.
4. ANCHOR WITH TWO 18" LONG #4 BARS, MIN., 9" FROM END FACES.
5. WHEELS STOPS IN ADA PARKING AREAS SHALL BE PAINTED BLUE.

8 WHEEL STOP
Scale = NTS

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SITE IMPROVEMENT DETAILS (1)

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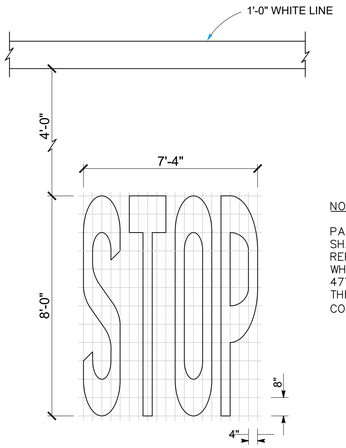
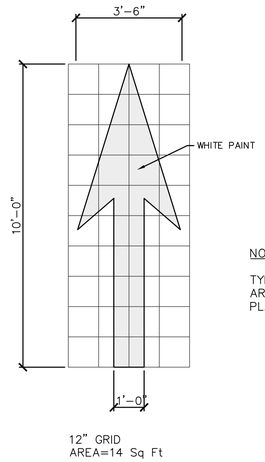
Scale: AS SHOWN
Date: 2-16-24
Sheet: 17 OF 19



NOTE:

PAVEMENT MARKING PAINT SHALL BE WATER BASED, REFLECTORIZED, RAPID DRY WHITE TRAFFIC PAINT, PERVO 4773AR OR EQUAL, AVAILABLE THROUGH PERVO PAINT COMPANY, (800) 892-3647.

1 STOP BAR AND LEGEND
Scale = NTS

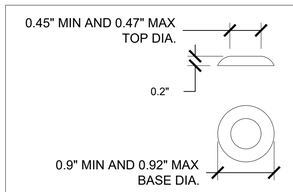


NOTE:

TYPE 1 CALTRANS ARROW SHOWN ON STD PLAN A24A

12" GRID
AREA=14 Sq Ft

2 TYPE I 10'-0" ARROW
Scale = NTS



3 TRUNCATED DOMES
Scale = NTS

SIGN R100B (CA)

INSERT PHONE NO.
(707) XXX-XXXX
LEAVE ADDRESS BLANK

A ADA TOW-AWAY SIGN

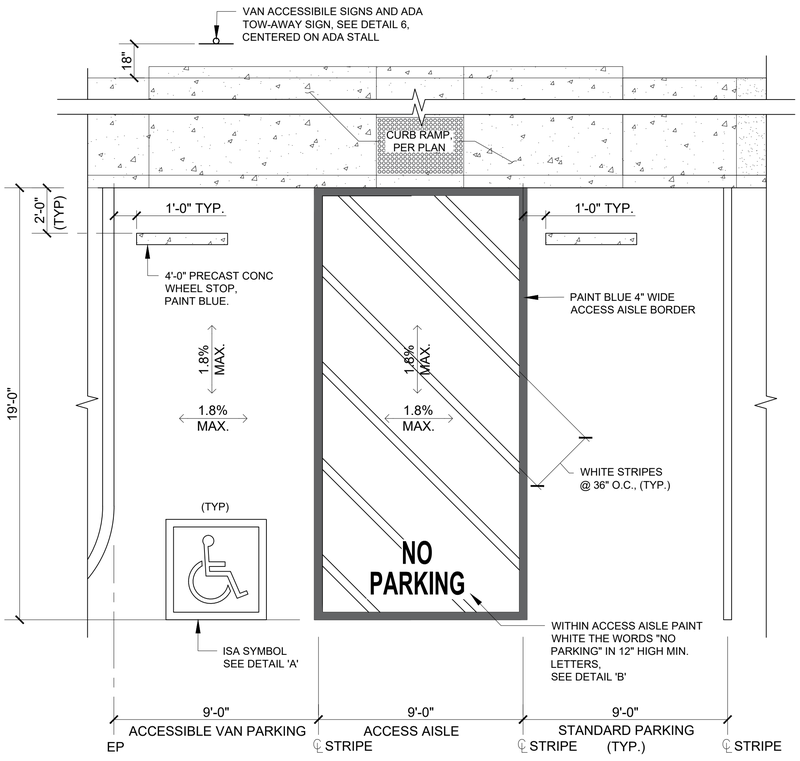
SIGN R99C (CA)

SIGN R7-8B

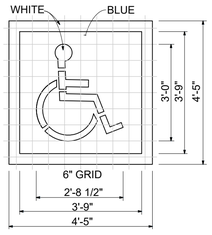
"VAN ACCESSIBLE" SIGN R7-8B SHALL BE MOUNTED BELOW THE R99C (CA) SIGN, AT VAN ACCESSIBLE PARKING STALL ONLY

THE BOTTOM OF THE SIGN SHALL BE A MINIMUM OF 72" ABOVE THE SURROUNDING SURFACE. EXCEPT SIGNS LOCATED WITHIN AN ACCESSIBLE ROUTE SHALL BE A MINIMUM OF 80" INSTEAD.

B VAN ACCESSIBLE SIGNS



4 VAN ACCESSIBLE PARKING STALL
Scale = NTS

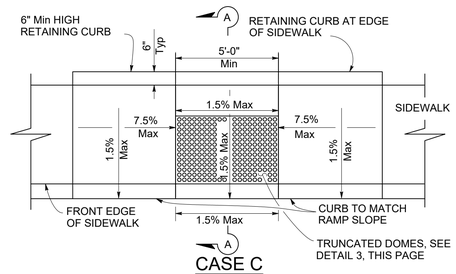


A INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING

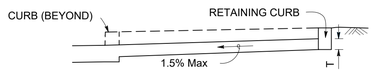
B NO PARKING LETTERS

NOTES:

1. PARKING TO COMPLY WITH CBC 2013 SECTION 11B-502
2. PARKING SPACES AND ACCESS AISLES SHALL BE AT THE SAME LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1.8% IN ANY DIRECTION.
3. SEE SIGN PLAN FOR LOCATION OF ACCESSIBILITY SIGNS AND SIGN POSTS.



CASE C

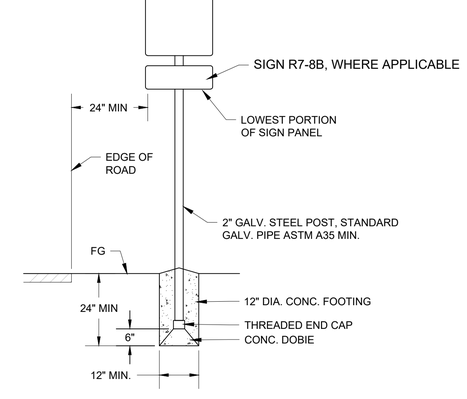


SECTION A-A

NOTES:

1. THE DETECTABLE WARNING SURFACE WILL BE A RECTANGLE AS SHOWN AT BACK OF CURB. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP EXCEPT A MAXIMUM GAP OF 1 INCH IS ALLOWED ON EACH SIDE OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE CALTRANS STANDARD SPECIFICATIONS.
2. SIDEWALK AND RAMP THICKNESS "T", SHALL BE 3 1/2" MINIMUM.
3. THE SURFACE OF THE CURB RAMP AND DETECTABLE SURFACE MATERIAL SHALL BE STABLE, FIRM AND SLIP RESISTANT. THE CONCRETE CURB RAMPSURFACE SHALL BE BROOM FINISHED TRANSVERSE TO THE AXIS OF THE RAMP AND SHALL BE SLIGHTLY ROUGHER THAN THE FINISH ON THE ADJACENT SIDEWALK SURFACE.
4. THE BOTTOM OF THE RAMP SHALL BE FLUSH WITH THE ACCESS AISLE.
5. A LEVEL LANDING OF 4 FEET DEEP MINIMUM, 2% MAXIMUM SLOPE IN EACH DIRECTION, SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP TO ALLOW SAFE EGRESS FROM THE RAMP SURFACE. THE WIDTH OF THE LEVEL LANDING SHALL BE THE WIDTH OF THE RAMP.

5 CURB RAMP
Scale = NTS



C SIGN INSTALLATION

NOTES:

1. CENTER SIGNS ON PARKING STALLS, EXCEPT FOR SIGN R100B
2. INSTALL SIGN R100B WITH 24" MIN CLEARANCE FROM EDGE OF PAVEMENT.
3. SET SIGN ELEVATION 80" MIN. ABOVE SURROUNDING SURFACE TO BOTTOM OF LOWEST SIGN.
4. VERIFY SIGN LOCATION WITH ENGINEER PRIOR TO INSTALLATION.

6 ACCESSIBLITY PARKING SIGNS
Scale = NTS

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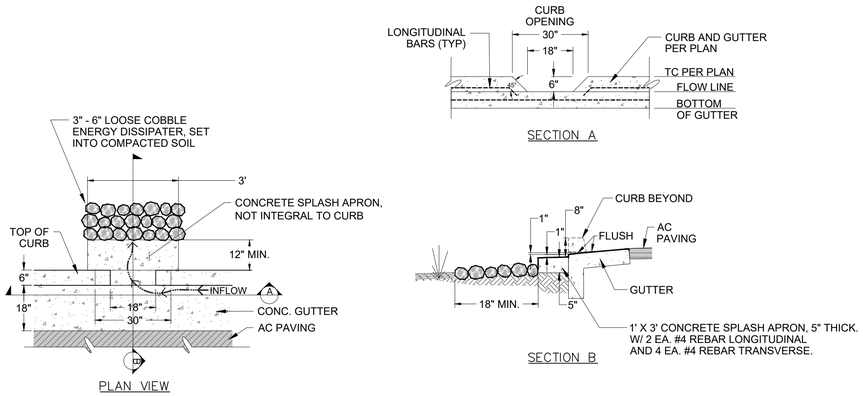
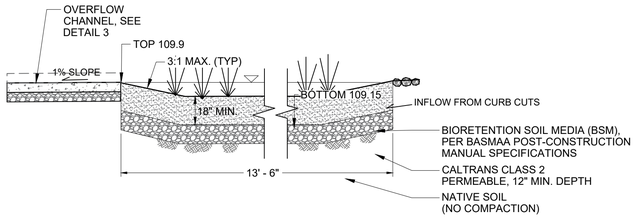
Date: 2-16-24
Sheet: 18 OF 19



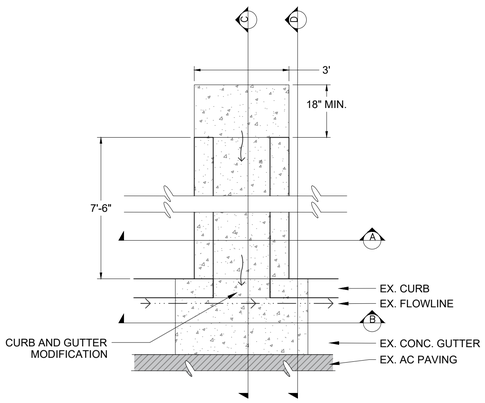
1 CURB CUT (INLET)

Scale = NTS



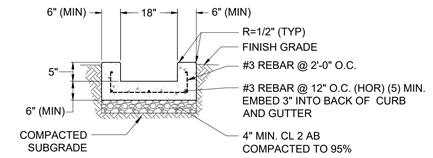
2 BIORETENTION AREA, TYPICAL SECTION

Scale = NTS

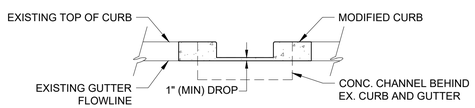


NOTES:

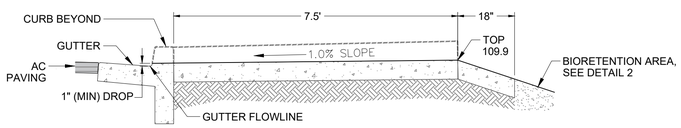
1. MATCH GUTTER SLOPE UP AND DOWNSLOPE.
2. BOND NEW CURB AND GUTTER TO EXISTING CURB AND GUTTER WITH EPOXY AND DOWEL CONNECTION.
3. APPLY BONDING AGENT AT ALL TRENCH DRAIN CONSTRUCTION COLD JOINTS.



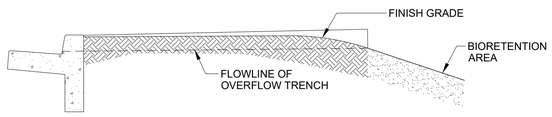
SECTION A
CONCRETE CHANNEL



SECTION B
FACE OF CURB CUT OUTLET



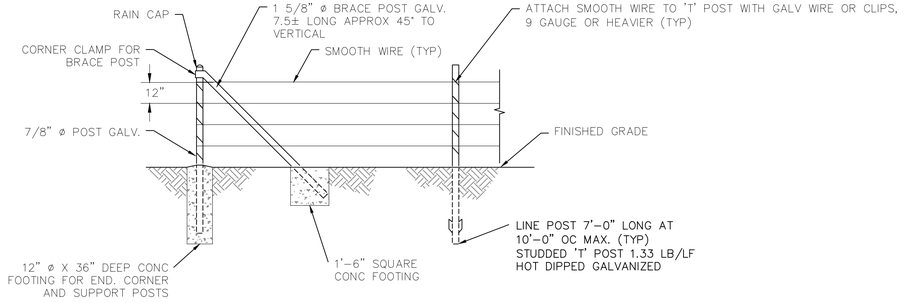
SECTION C
TRENCH THROUGH FLOWLINE



SECTION D
ADJACENT FINISH GRADE

3 BIOTENTION OVERFLOW TRENCH

Scale = NTS



SMOOTH WIRE FENCE NOTES:

1. ALL POSTS, BRACES AND FITTINGS SHALL BE HOT DIPPED GALVANIZED.
2. CONCRETE SHALL BE COMMERCIAL CONCRETE, 5 SACK MIX.
3. WIRE SHALL BE SMOOTH, 6 GAUGE AND GALVANIZED.
4. BRACE POSTS ARE REQUIRED ON EACH SIDE OF SUPPORT POSTS AT CORNER.
5. SUPPORT POSTS REQUIRED AT ENDS AND CORNERS.
6. SUPPORT POSTS SHALL BE LOCATED 100' O.C. MAX FOR STRAIGHT RUNS, WITH BRACE POSTS ON EACH SIDE OF SUPPORT POSTS, AND ALL TURNS AND ANGLES.
7. 'T' POSTS SHALL WEIGH 1.33 POUNDS PER LINEAR FOOT AND BE HOT DIPPED GALVANIZED. 'T' POSTS SHALL BE DRIVEN TO THE DEPTH INDICATED ON DRAWING IN ALL SOILS, HOWEVER NO BENT OR DAMAGED POSTS SHALL BE ACCEPTED.

4 4-STRAND SMOOTH WIRE T-POST FENCE

Scale = NTS

NEWELL OPEN SPACE PRESERVE

TRAIL AND PARKING IMPROVEMENTS

City of American Canyon, CA
Department of Parks and Recreation

QUESTA ENGINEERING CORP
Civil
Environmental
& Water Resources
P.O. Box 70356 1220 Brickyard Cove Road Point Richmond, CA 94807
(510) 236-6114
FAX (510) 236-2423
questa@questaec.com

REGISTERED PROFESSIONAL ENGINEER SIDNEY A. TEMPLE 59695 12-31-25 EXPIRES CIVIL STATE OF CALIFORNIA

Sht:	Rev:	Date:	By:	Description:	App'd:

Design: MH/OR/CH
Drawn: OR
Checked: JP
Appr'd: XXX

SITE IMPROVEMENT DETAILS (3)

Size D | Project 1600080
Scale: AS SHOWN
Date: 2-16-24
Sheet: 19 OF 19

P:\2016\1600080_NEWELL_TRAIL_2016\CAD\SHEETS\1600080_NEWELL_SHEET_DETAILS_SITE.DWG ---------- PLOT DATE: 8/13/2024 PLOT STYLE: ---------- LAST SAVED: 8/13/2024 IF BAR DOES NOT MEASURE 1" DRAWING IS NOT TO SCALE - ADJUST ACCORDINGLY

Plot Scale/Monday, February 8, 2021 9:02:18 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200ds0001.dwg

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2–5	TYPICAL CROSS SECTIONS
6–24	LAYOUT
25–34	PROFILE
35–43	CONSTRUCTION DETAILS
44–53	EROSION CONTROL PLAN
54	EROSION CONTROL QUANTITIES
55–62	DRAINAGE PLAN
63–64	DRAINAGE PROFILES
65	DRAINAGE QUANTITIES
66–76	UTILITY PLAN
77	CONSTRUCTION AREA SIGNS
78–93	STAGE CONSTRUCTION
94–124	TRAFFIC HANDLING PLAN
125–140	PAVEMENT DELINEATION AND SIGN PLAN
141	PAVEMENT DELINEATION AND SIGN QUANTITIES
142–144	SUMMARY OF QUANTITIES
145–147	STREET LIGHTING PLAN
148	ELECTRICAL DETAILS

CITY OF AMERICAN CANYON

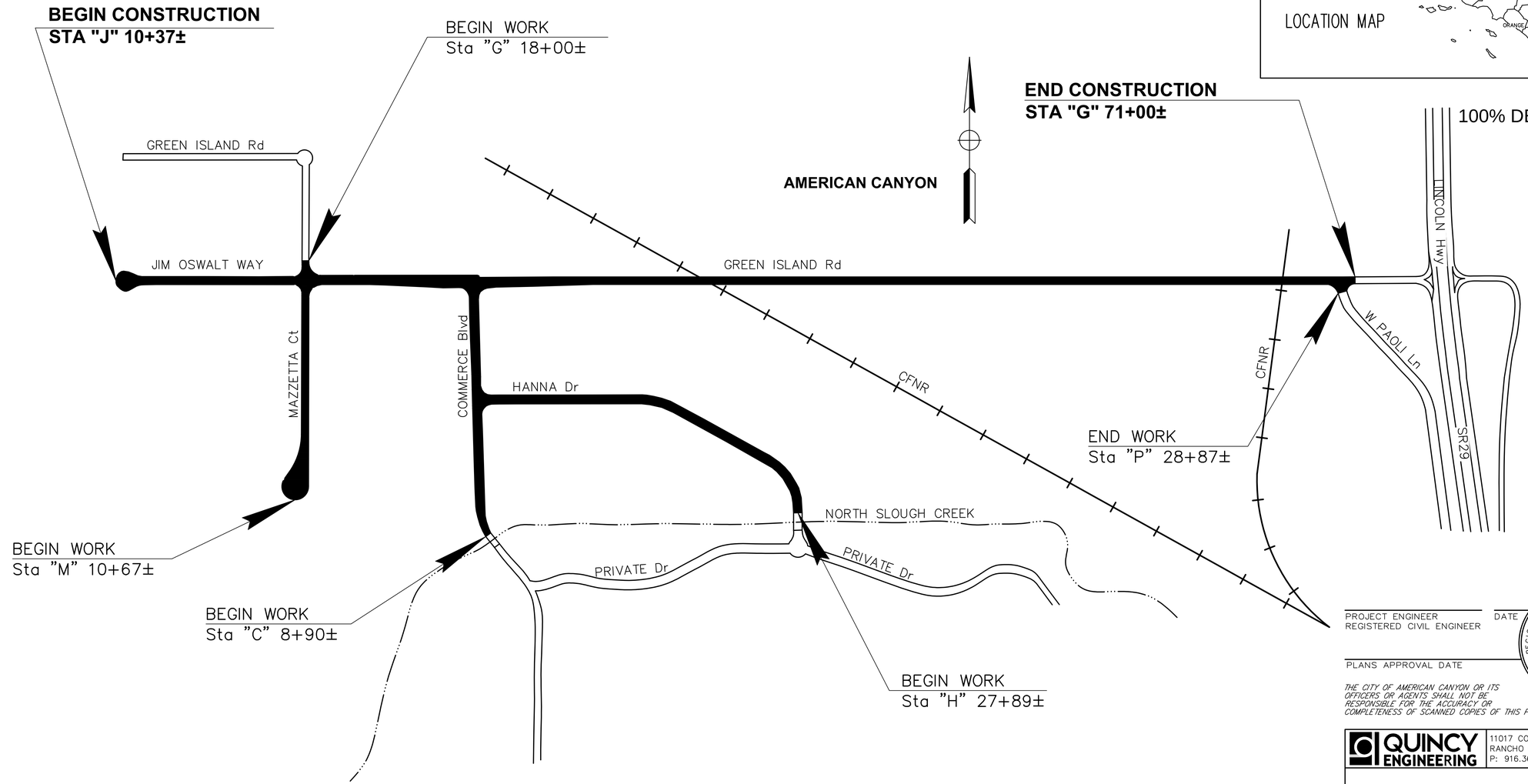
DEPARTMENT OF PUBLIC WORKS

PROJECT PLANS FOR

GREEN ISLAND ROAD RECONSTRUCTION AND WIDENING PROJECT (TR1b-100)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
4	Nap	--	-- / --	1	148

LOCATION MAP



PROJECT ENGINEER
REGISTERED CIVIL ENGINEER — DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ENGINEER_STAMP
No. PE_NO
Exp. EXP_DATE
CIVIL
STATE OF CALIFORNIA

THE CITY OF AMERICAN CANYON OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

QUINCY ENGINEERING
11017 COBBLEROCK DRIVE, SUITE 100
RANCHO CORDOVA, CA 95670
P: 916.368.9181

CONTRACT No.	--
PROJECT ID	--

DATE
DESCRIPTION
APPROVED
REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TITLE SHEET

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	NO SCALE
PROJECT NO.	A48-100
DRAWING NO.	T-1

1 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
T-1 TITLE SHEET

NOTES:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS ARE SHOWN ON THE PROFILE AND SUPERELEVATION SHEETS.
3. 4' WIDE FULL DEPTH HMA SECTION TO BE CENTERED ALONG 10" PG&E GAS LINE. CONTRACTOR TO FIELD VERIFY LOCATION OF GAS LINE PRIOR TO CONSTRUCTION.

ABBREVIATIONS:

COAC – CITY OF AMERICAN CANYON

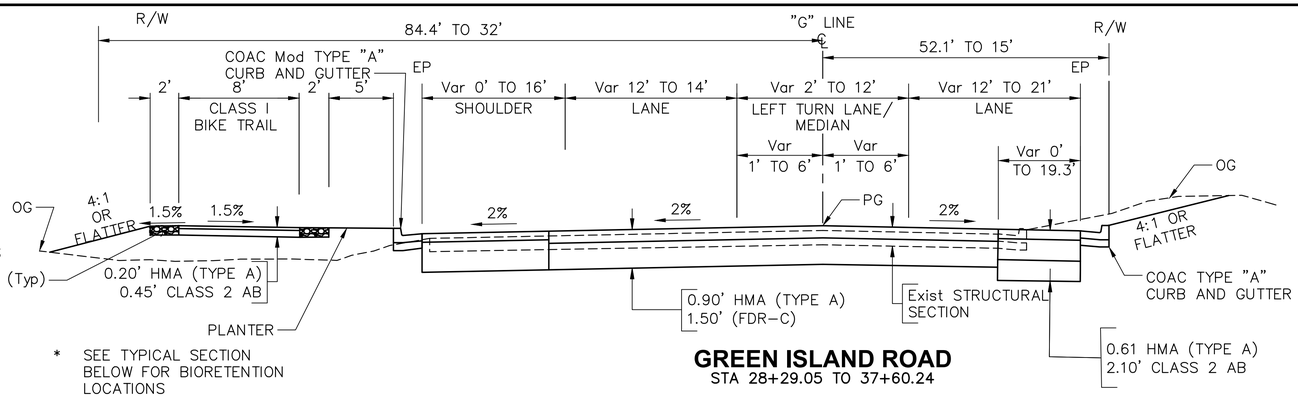
FDR–C – FULL DEPTH RECLAMATION CEMENT

DESIGN DESIGNATION (GREEN ISLAND Rd, JIM OSWALT Blvd):

ADT (2016) = 1,248
ADT (2068) = 8,368
V = 45 MPH
TI = 11.5

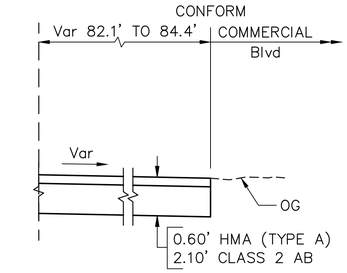
DESIGN DESIGNATION (MAZZETA Ct, HANNA Dr, COMMERCE Blvd):

ADT (2016) = 1,248
ADT (2068) = 8,368
V = 25 MPH
TI = 9.5

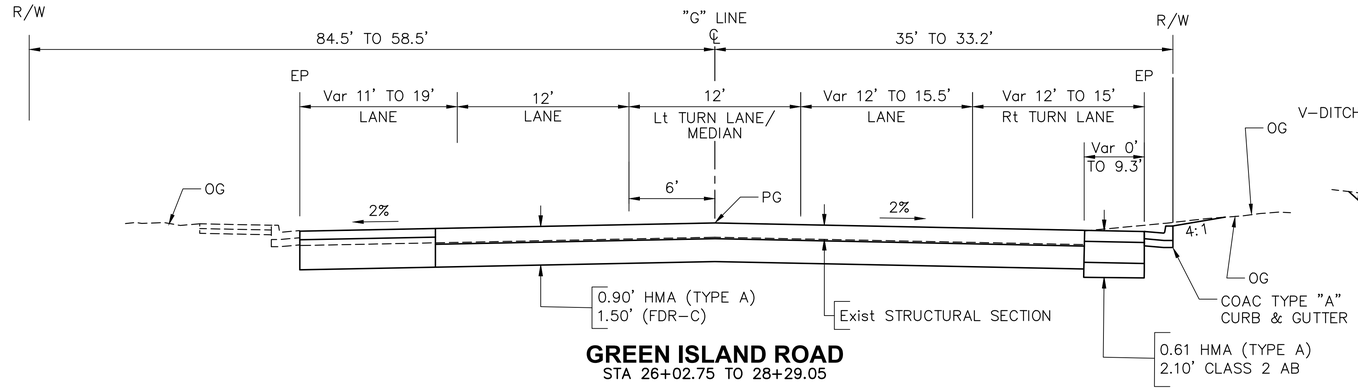


* SEE TYPICAL SECTION BELOW FOR BIORETENTION LOCATIONS

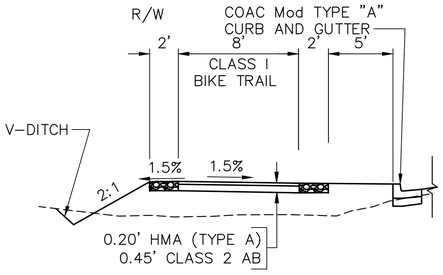
GREEN ISLAND ROAD
STA 28+29.05 TO 37+60.24



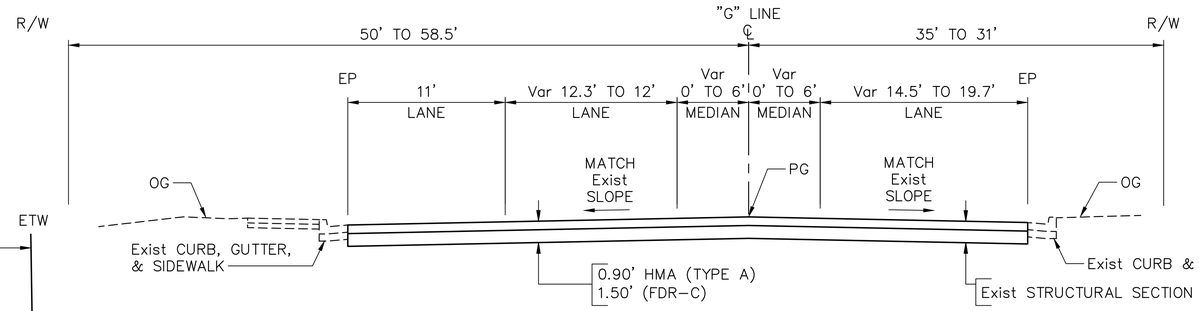
GREEN ISLAND ROAD
STA 27+93.53 TO 28+34.44



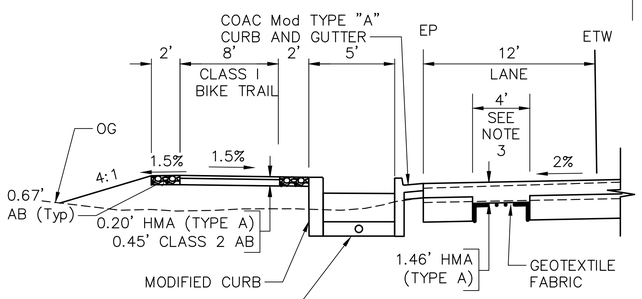
GREEN ISLAND ROAD
STA 26+02.75 TO 28+29.05



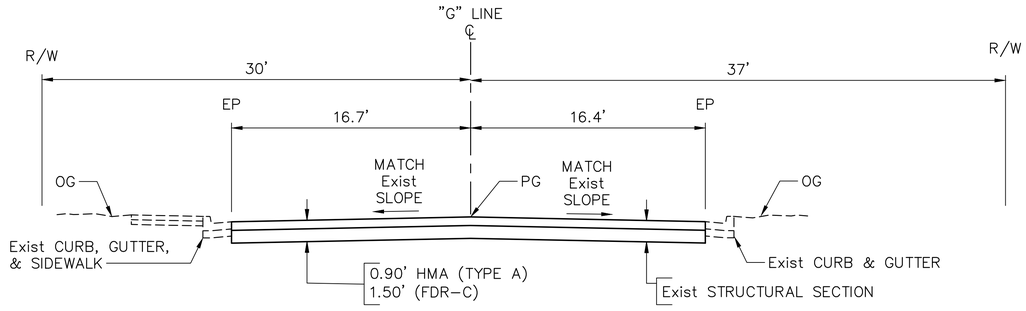
GREEN ISLAND ROAD
STA 33+80 TO 34+80



GREEN ISLAND ROAD
STA 20+00.00 TO 26+02.75



*** GREEN ISLAND ROAD**
VARIES SEE LAYOUTS FOR LOCATIONS



GREEN ISLAND ROAD
STA 19+05.85 TO 20+00.00

DATE
APPROVED
DESCRIPTION
REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TYPICAL CROSS SECTIONS

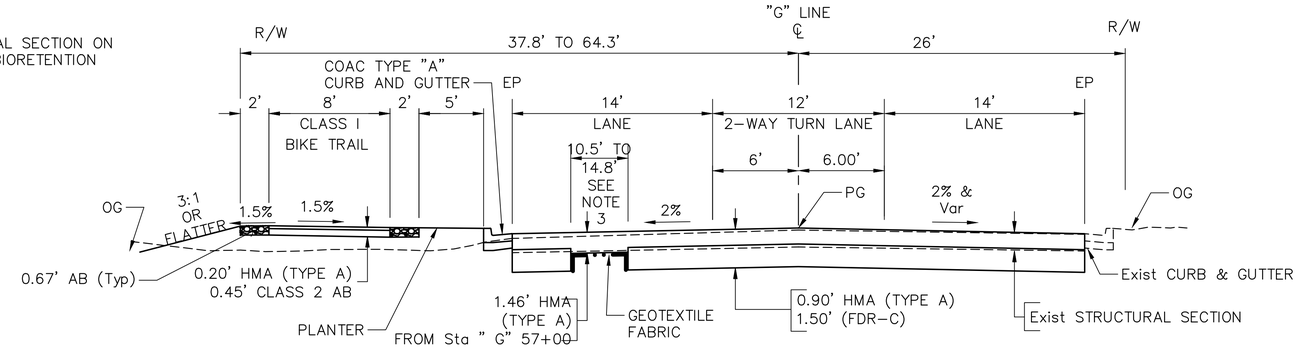
DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: NTS
PROJECT NO. A48–100
DRAWING NO. **X-1**

2 OF 148 SHEETS

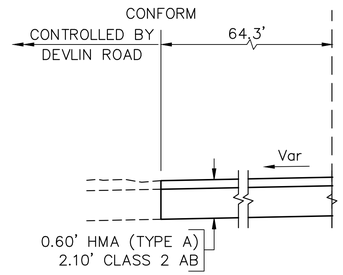
ORIGINAL SCALE: 0 1 2 3 4 INCHES
X–1 TITLE SHEET

Plot Date/Monday, February 8, 2021 9:02:53 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200rcs001.dwg

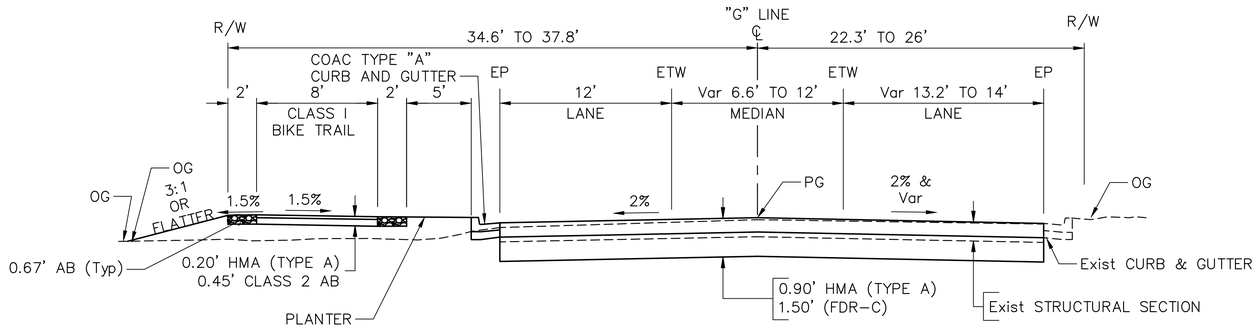
* SEE TYPICAL SECTION ON X-1 FOR BIORETENTION LOCATIONS



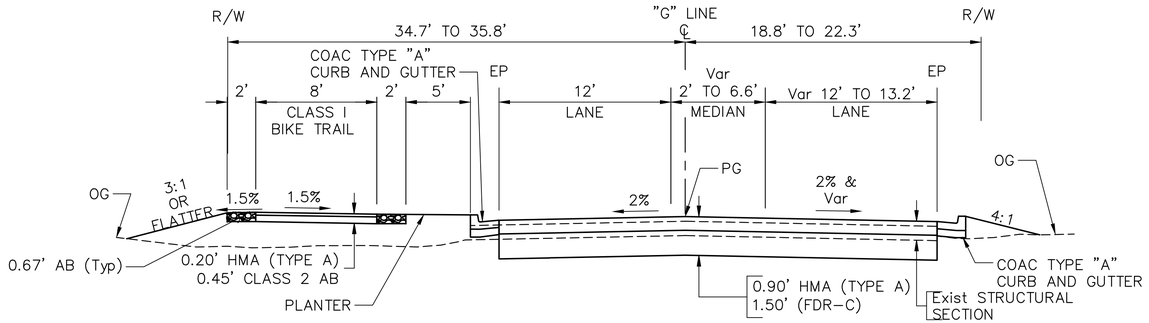
GREEN ISLAND ROAD
STA 41+84.48 TO 66+09.97



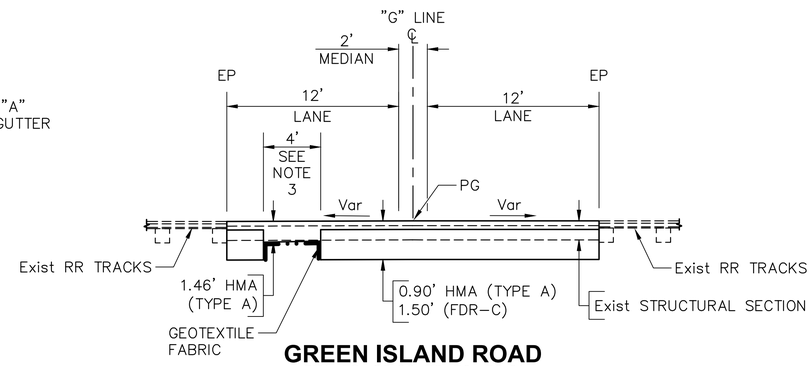
GREEN ISLAND ROAD
STA 44+09.38 TO 44+76.92



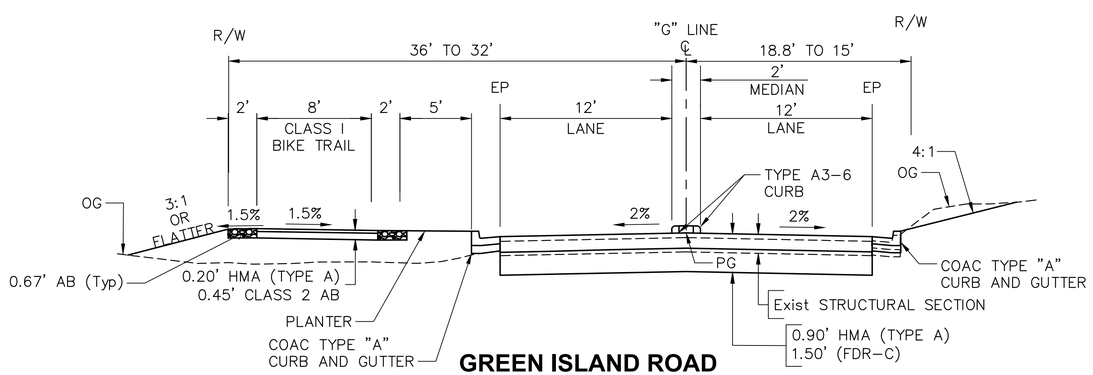
GREEN ISLAND ROAD
STA 41+00.00 TO 41+84.48



GREEN ISLAND ROAD
STA 40+32.55 TO 41+00.00



GREEN ISLAND ROAD
STA 38+62.60 TO 39+36.21



GREEN ISLAND ROAD
STA 37+60.24 TO 38+62.60
STA 39+36.21 TO 40+32.55

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TYPICAL CROSS SECTIONS

CITY OF AMERICAN CANYON
INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	NTS
PROJECT NO.	A48-100
DRAWING NO.	X-2

3 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES TITLE SHEET X-2

Plot Date/Time: Monday, February 8, 2021 9:02:27 AM
Plot Scale:1" = 1'-0"
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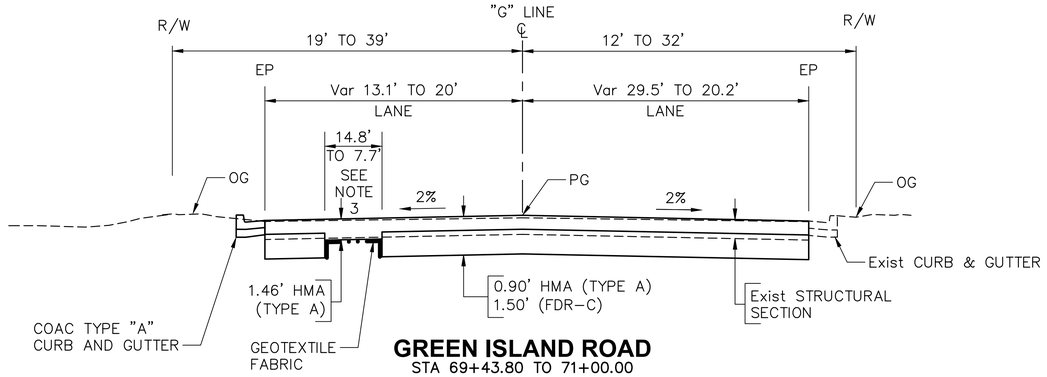
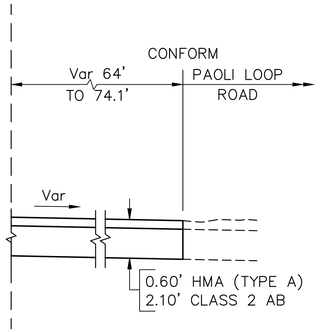
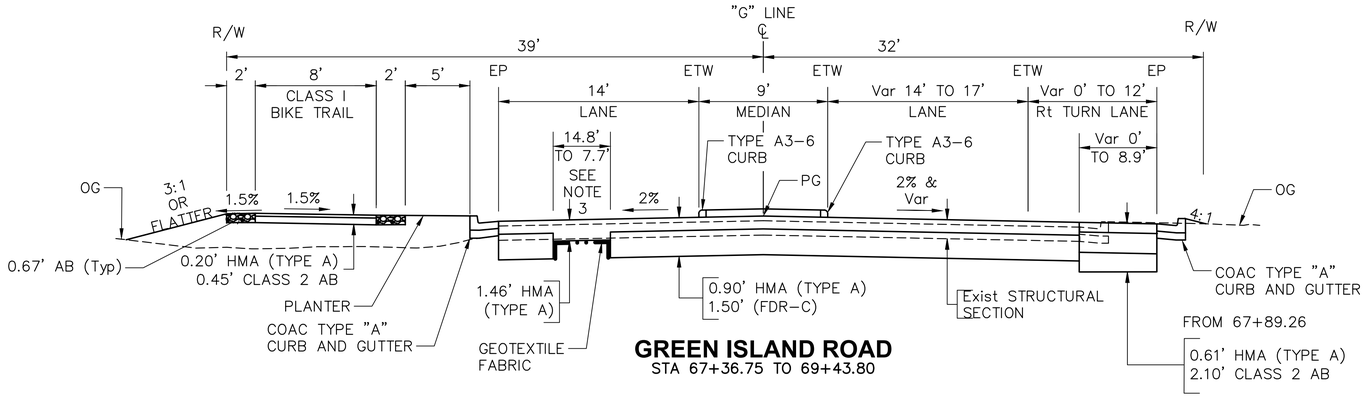
* SEE TYPICAL SECTION ON X-1 FOR BIORETENTION LOCATIONS



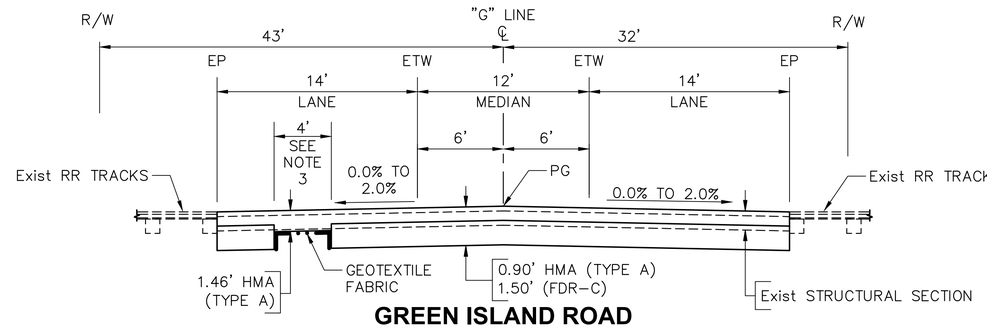
GREEN ISLAND ROAD
STA 69+43.80 TO 71+00.00



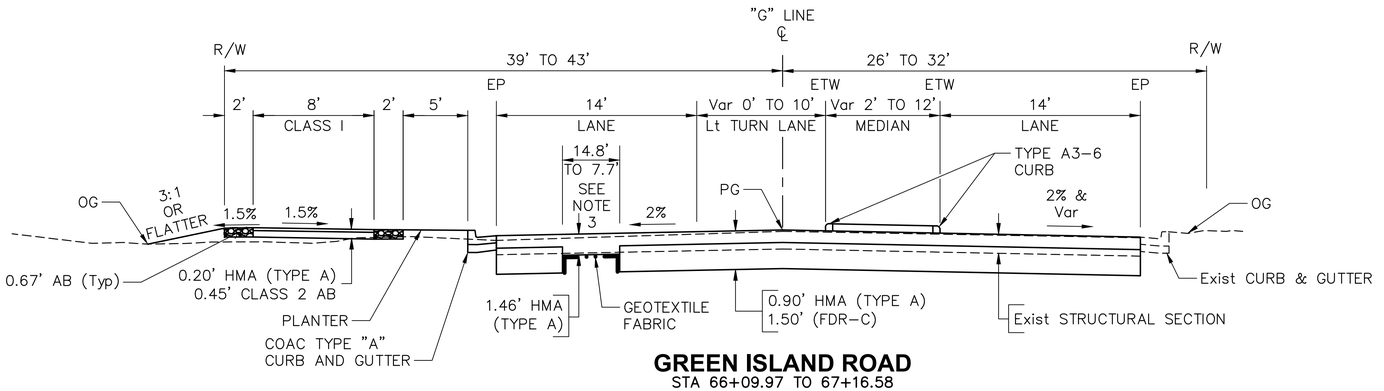
GREEN ISLAND ROAD
STA 69+97.57 TO 70+32.66



GREEN ISLAND ROAD
STA 67+36.75 TO 69+43.80



GREEN ISLAND ROAD
STA 67+16.58 TO 67+36.75



GREEN ISLAND ROAD
STA 66+09.97 TO 67+16.58

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TYPICAL CROSS SECTIONS

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: NTS
PROJECT NO. A48-100
DRAWING NO. X-3

4 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
TITLE SHEET
X-3

Plot Date/Time: Monday, February 8, 2021 9:03:00 AM
Plot Scale: 1" = 1'-0"
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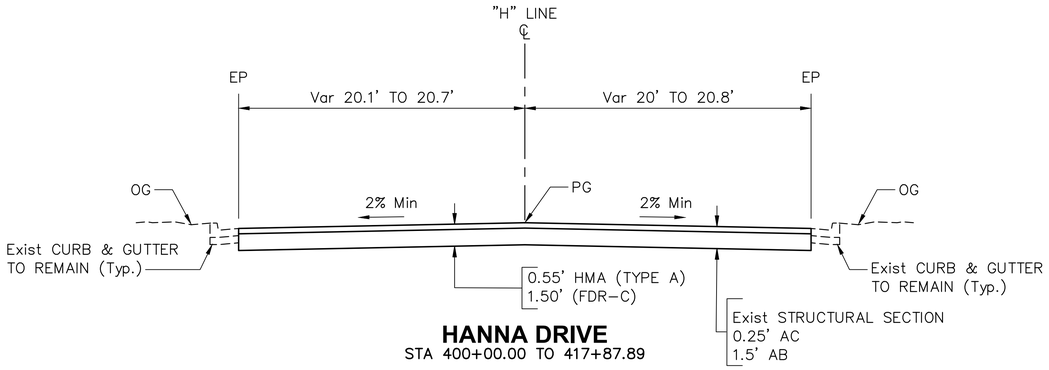
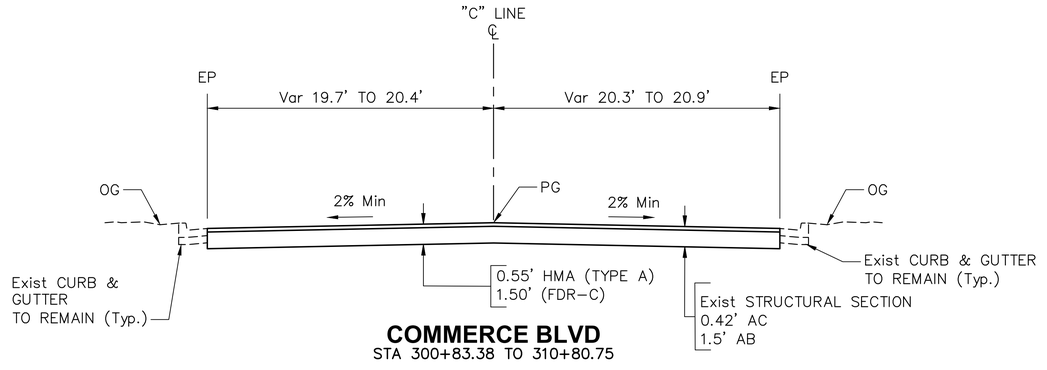
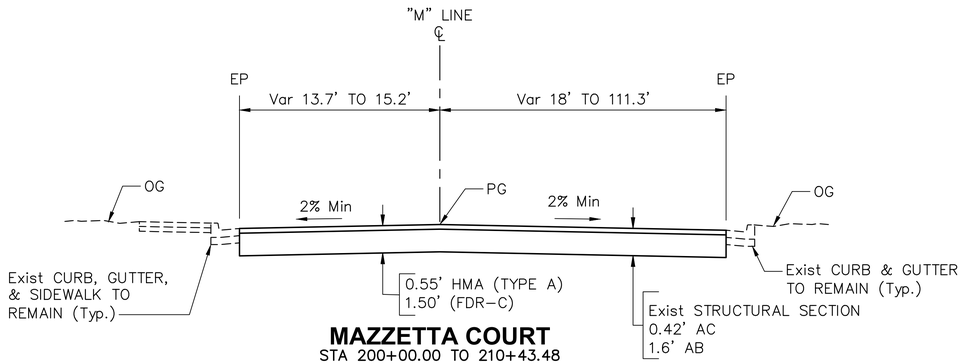


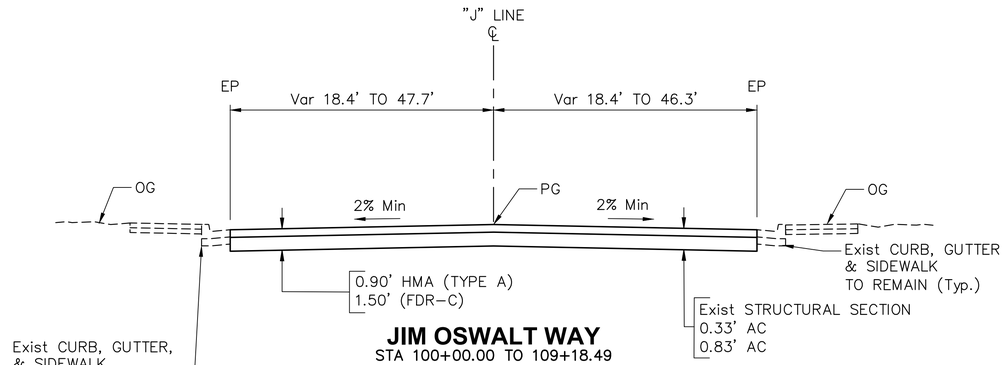
HANNA DRIVE
STA 400+00.00 TO 417+87.89



COMMERCE BLVD
STA 300+83.38 TO 310+80.75



MAZZETTA COURT
STA 200+00.00 TO 210+43.48



JIM OSWALT WAY
STA 100+00.00 TO 109+18.49

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TYPICAL CROSS SECTIONS

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	NTS
PROJECT NO.	A48-100
DRAWING NO.	X-4

5 OF 148 SHEETS

TITLE SHEET
ORIGINAL SCALE: 0 1 2 3 4 INCHES
X-4

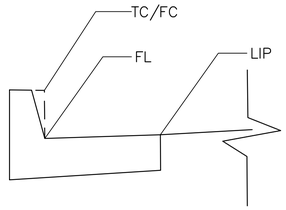
Plot Date/Time:Monday, February 8, 2021 9:03:03 AM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200cad001.dwg

NOTES:

1. FOR COMPLETE R/W, SEE R/W RECORD MAPS.
2. CURB DATA, INCLUDING STATION, OFFSET AND RADIUS IS CALLED OUT FROM FLOW LINE.
3. CURB RAMPS ARE CALLED OUT AT THE CENTER OF THE RAMP AT THE FACE OF THE CURB.
4. SEE DETAILS ON CD-3 AND CD-4 FOR BIORETENTION FACILITY DETAIL AND CURB CUT INLET AT BIORETENTION FACILITY.
5. SEE CD-4 FOR MODIFIED COAC TYPE "A" CURB & GUTTER AND MODIFIED COAC TYPE "C" CURB.
6. SEE CONSTRUCTION DETAIL SHEETS FOR CURB RAMPS, MEDIAN AND DRIVEWAY DETAILS AND ELEVATIONS.
7. ADJUST UTILITY COVER BY LOWERING TO ALLOW MILLING WITHOUT DAMAGING UTILITY ASSETS AND RE-ADJUST UTILITY COVER BY RAISING TO NEW FINISH GRADE ELEVATIONS. SEE UTILITY SHEETS FOR ADDITIONAL INFORMATION.
8. REFER CALTRANS STD PLANS FOR DETAILS NOT SHOWN.
9. USE $\frac{1}{2}$" LIP AT ALL DRIVEWAY CURBCUTS. REFER COAC STANDARD PLANS 3.10 AND 3.11 FOR DRIVEWAY DETAILS NOT SHOWN HERE.

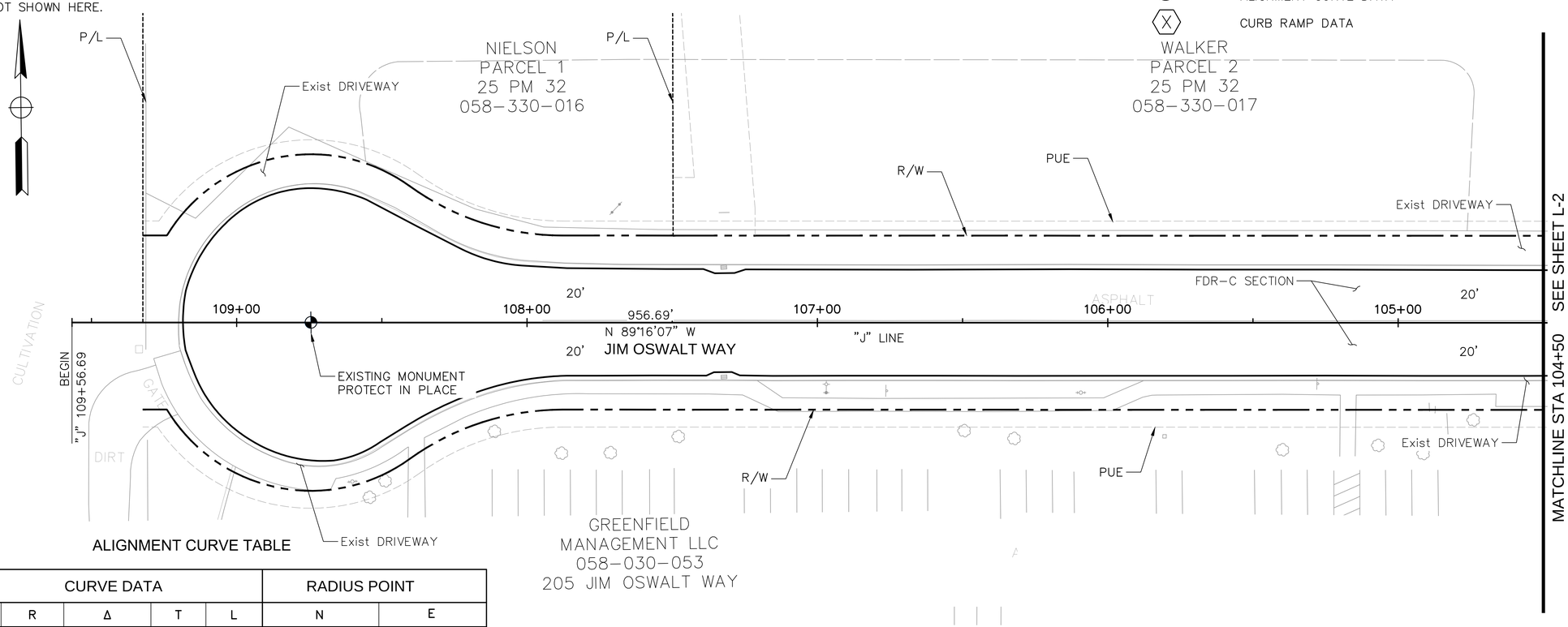
ABBREVIATIONS:

PUE	PUBLIC UTILITY EASEMENT
UPRR	UNION PACIFIC RAILROAD
FDR-C	FULL DEPTH RECLAMATION CEMENT



LEGEND:

- PAVEMENT WIDENING
- FULL DEPTH RECLAMATION
- 1.45' HMA(TYPE A) STRUCTURAL SECTION
- ------ C ----------C--- TOE OF CUT
- -----F ----------F----- TOP OF FILL
- REMOVE TREE
- CURVE DATA
- ALIGNMENT CURVE DATA
- CURB RAMP DATA



ALIGNMENT CURVE TABLE

CURVE DATA					RADIUS POINT	
NO.	R	Δ	T	L	N	E
C1	1500.00	1° 34' 28"	20.61	41.22	6482782.783	1831573.370
C2	1494.00	1° 34' 28"	20.53	41.06	6483562.152	1834538.411
C3	614.50	3° 19' 15"	17.81	35.62	6484054.835	1833652.549
C4	614.50	3° 19' 15"	17.81	35.62	6484290.331	1832432.944
C5	614.50	3° 09' 42"	16.96	33.91	6484562.197	1833658.573
C6	614.50	3° 09' 42"	16.96	33.91	6484716.281	1832435.006
C7	180.00	43° 03' 42"	71.02	135.28	6487734.672	1832965.794
C8	275.00	43° 11' 51"	108.87	207.33	6483643.252	1831976.066
C9	400.00	29° 07' 39"	103.92	203.35	6484131.843	1832079.755
C10	275.00	59° 10' 41"	156.15	284.03	6484629.380	1831938.872

CURB RAMP TABLE

No.	STATION	OFFSET	CASE
1	"G" 20+46.18	34.89' Lt	CALTRANS A
2	"G" 20+46.90	28.55' Rt	CALTRANS C
3	"G" 20+25.42	47.69' Rt	CALTRANS C
4	"G" 69+65.59	22.00 Lt	CALTRANS F

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **L-1**
6 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
L-1

Plot Date/Time: Monday, February 8, 2021 9:04:22 AM
Plot Scale=1' = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CAD Files\A48200ec001.dwg

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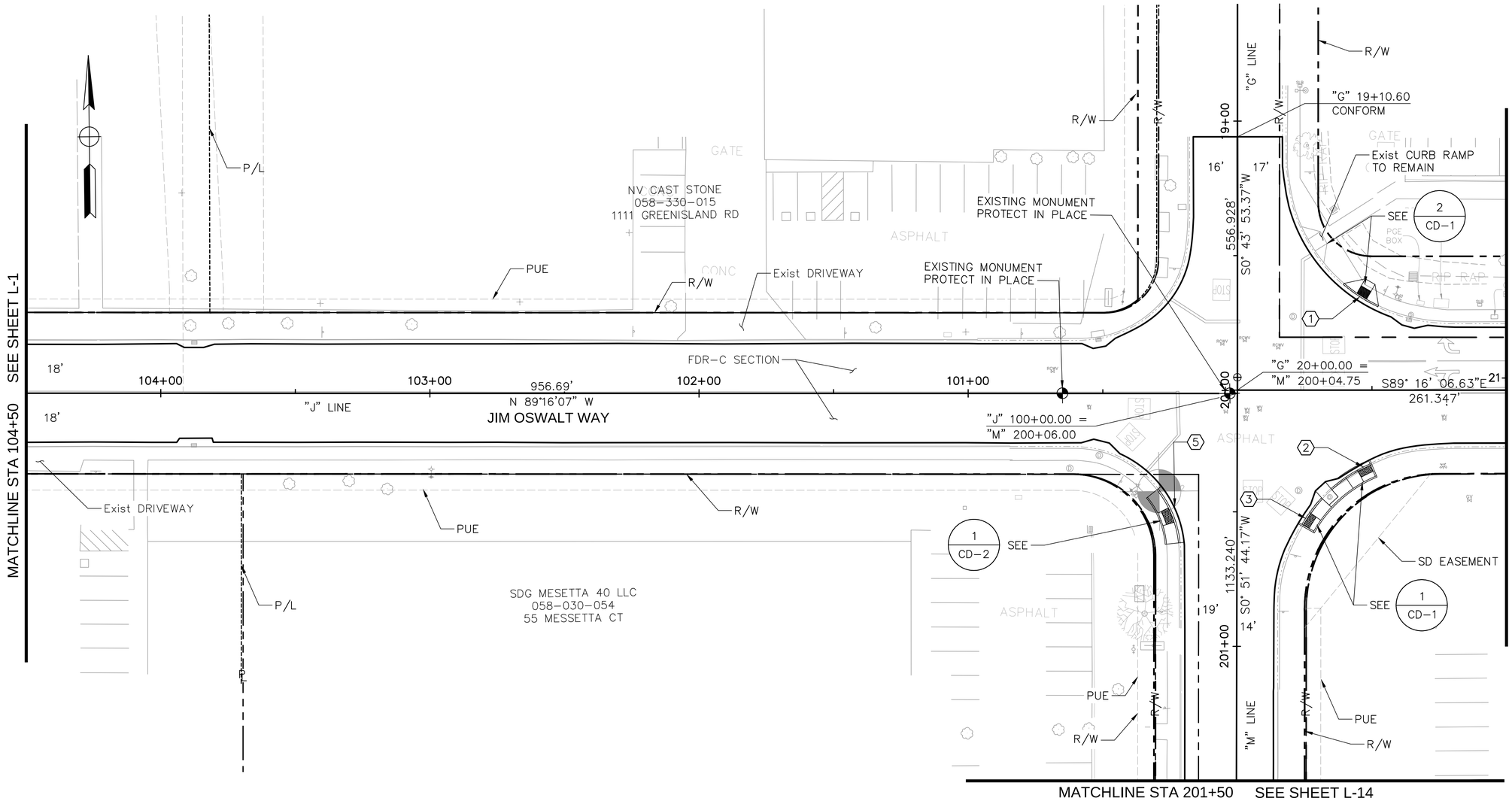


REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

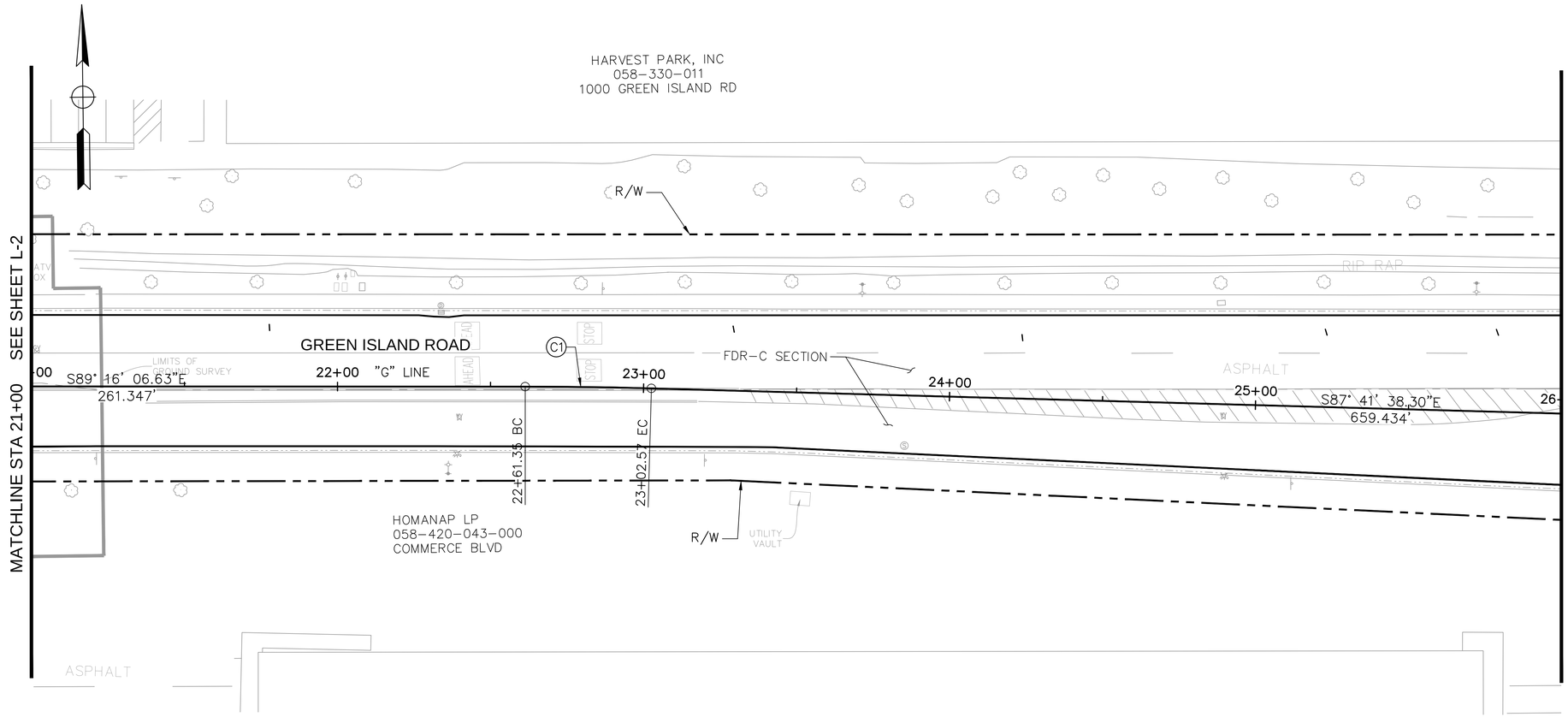
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-2**

7 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
L-2



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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

LAYOUT

AMERICAN CITY OF CANYON INCORPORATED 1992

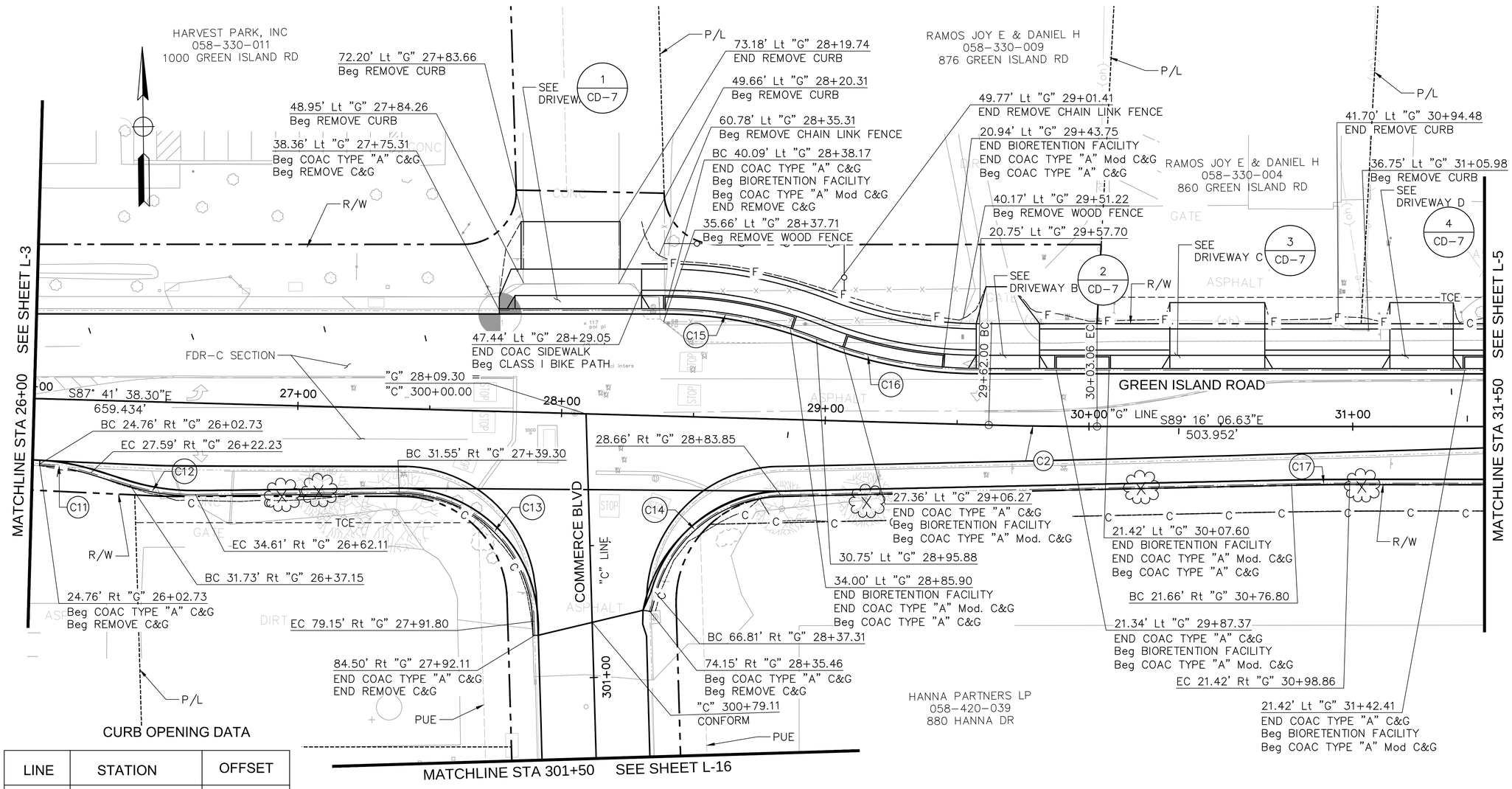
DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-3**

8 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES

GREEN ISLAND RD WIDENING

L-3



CURB OPENING DATA

LINE	STATION	OFFSET
"G"	28+45	40.13' Lt
"G"	28+55	39.64' Lt
"G"	28+65	38.50' Lt
"G"	28+75	36.73' Lt
"G"	28+85	34.21' Lt
"G"	29+07.50	26.98' Lt
"G"	29+17.50	24.50' Lt
"G"	29+27.50	22.65' Lt
"G"	29+37.50	21.41' Lt
"G"	29+92.35	21.38' Lt
"G"	30+02.35	21.42' Lt

Curve Table

Curve #	R	Δ	T	L
C11	78.58	14° 24' 18"	9.93	19.76
C12	81.42	17° 44' 55"	12.71	25.22
C13	50.58	88° 56' 38"	49.66	78.52
C14	50.58	73° 00' 23"	37.43	64.45
C15	156.42	21° 32' 28"	29.76	58.81
C16	167.58	21° 32' 20"	31.87	63.00
C17	1000.08	1° 15' 50"	11.03	22.06

DATE | APPROVED | DESCRIPTION | REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

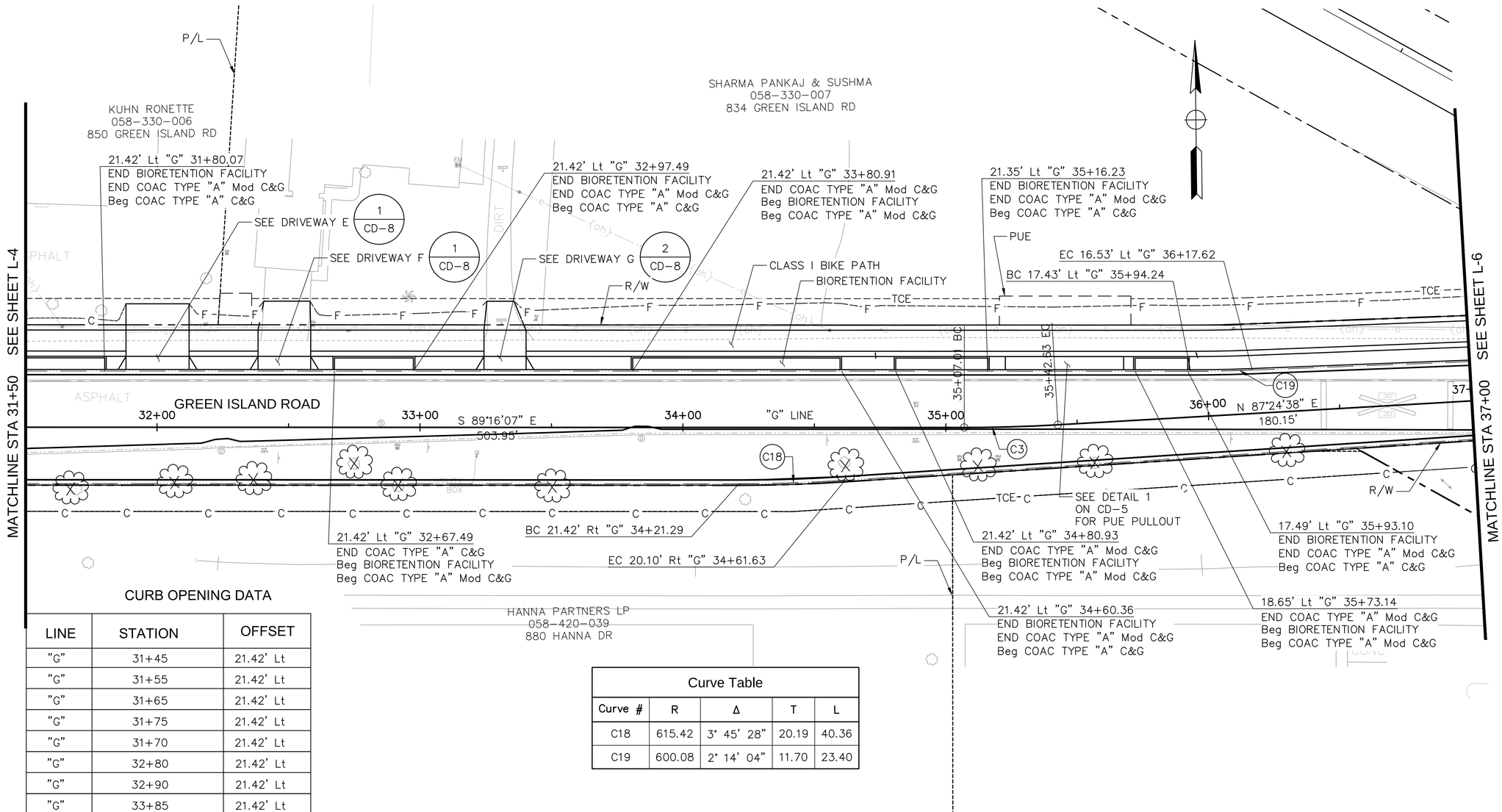
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. L-4
9 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
L-4 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 9:11:42 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CADD Files\A48200ms004.dwg



CURB OPENING DATA

LINE	STATION	OFFSET
"G"	31+45	21.42' Lt
"G"	31+55	21.42' Lt
"G"	31+65	21.42' Lt
"G"	31+75	21.42' Lt
"G"	31+70	21.42' Lt
"G"	32+80	21.42' Lt
"G"	32+90	21.42' Lt
"G"	33+85	21.42' Lt
"G"	33+95	21.42' Lt
"G"	34+05	21.42' Lt
"G"	34+15	21.42' Lt
"G"	34+25	21.42' Lt
"G"	34+35	21.42' Lt
"G"	34+45	21.42' Lt
"G"	34+55	21.42' Lt
"G"	34+83	21.42' Lt
"G"	34+93	21.42' Lt
"G"	35+03	21.42' Lt
"G"	35+13	21.42' Lt
"G"	35+75	21.42' Lt
"G"	35+85	21.42' Lt

Curve Table				
Curve #	R	Δ	T	L
C18	615.42	3° 45' 28"	20.19	40.36
C19	600.08	2° 14' 04"	11.70	23.40

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	L-5

10 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
L-5 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 9:12:51 AM
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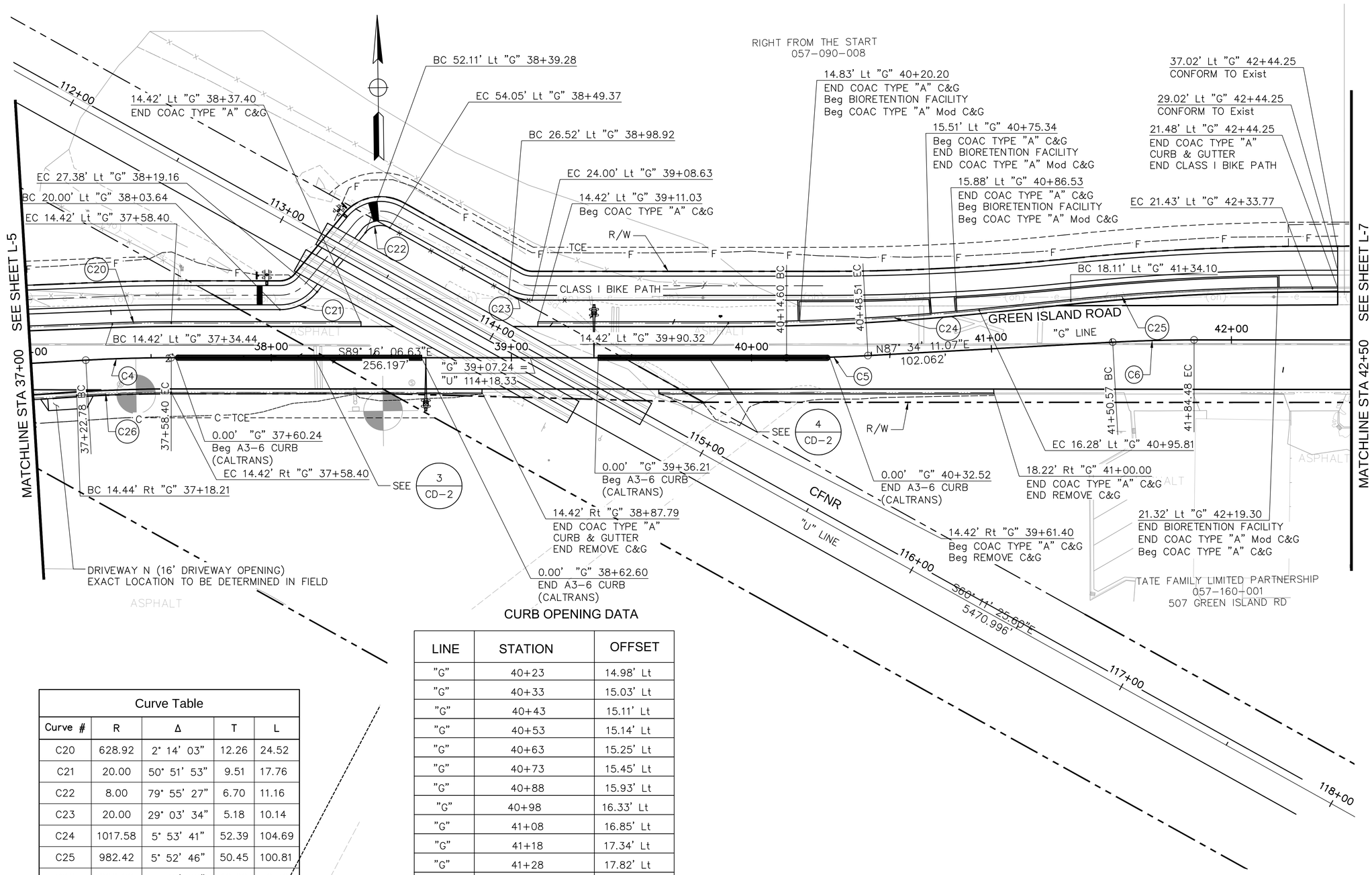

Curve Table				
Curve #	R	Δ	T	L
C20	628.92	2° 14' 03"	12.26	24.52
C21	20.00	50° 51' 53"	9.51	17.76
C22	8.00	79° 55' 27"	6.70	11.16
C23	20.00	29° 03' 34"	5.18	10.14
C24	1017.58	5° 53' 41"	52.39	104.69
C25	982.42	5° 52' 46"	50.45	100.81
C26	600.08	3° 45' 28"	19.69	39.36

CURB OPENING DATA

LINE	STATION	OFFSET
"G"	40+23	14.98' Lt
"G"	40+33	15.03' Lt
"G"	40+43	15.11' Lt
"G"	40+53	15.14' Lt
"G"	40+63	15.25' Lt
"G"	40+73	15.45' Lt
"G"	40+88	15.93' Lt
"G"	40+98	16.33' Lt
"G"	41+08	16.85' Lt
"G"	41+18	17.34' Lt
"G"	41+28	17.82' Lt
"G"	41+38	18.29' Lt
"G"	41+48	18.66' Lt
"G"	41+58	19.00' Lt
"G"	41+68	19.39' Lt
"G"	41+78	19.89' Lt
"G"	41+88	20.38' Lt
"G"	41+98	20.76' Lt
"G"	42+08	21.08' Lt
"G"	42+18	21.34' Lt

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ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **L-6**
11 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
L-6

Plot Date/Time: Monday, February 8, 2021 9:16:52 AM
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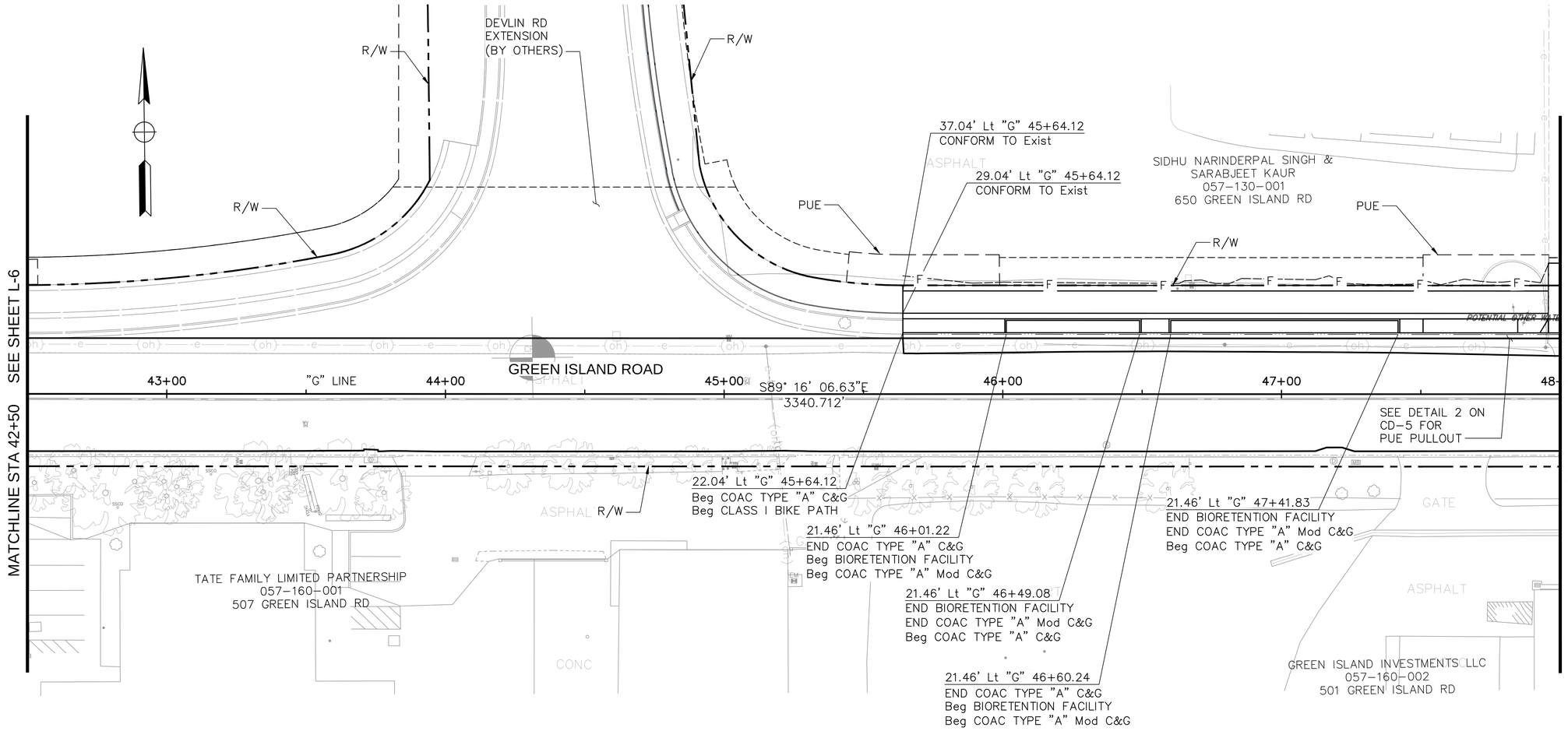

CURB OPENING DATA

LINE	STATION	OFFSET
"G"	46+07.50	21.46' Lt
"G"	46+17.50	21.46' Lt
"G"	46+27.50	21.46' Lt
"G"	46+37.50	21.46' Lt
"G"	46+47.50	21.46' Lt
"G"	46+70	21.46' Lt
"G"	46+80	21.46' Lt
"G"	46+90	21.46' Lt
"G"	47+00	21.46' Lt
"G"	47+10	21.46' Lt
"G"	47+20	21.46' Lt
"G"	47+30	21.46' Lt
"G"	47+40	21.46' Lt

Plot Scale=Monday, February 8, 2021 9:18:04 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\Americon Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200hec007.dwg

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CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

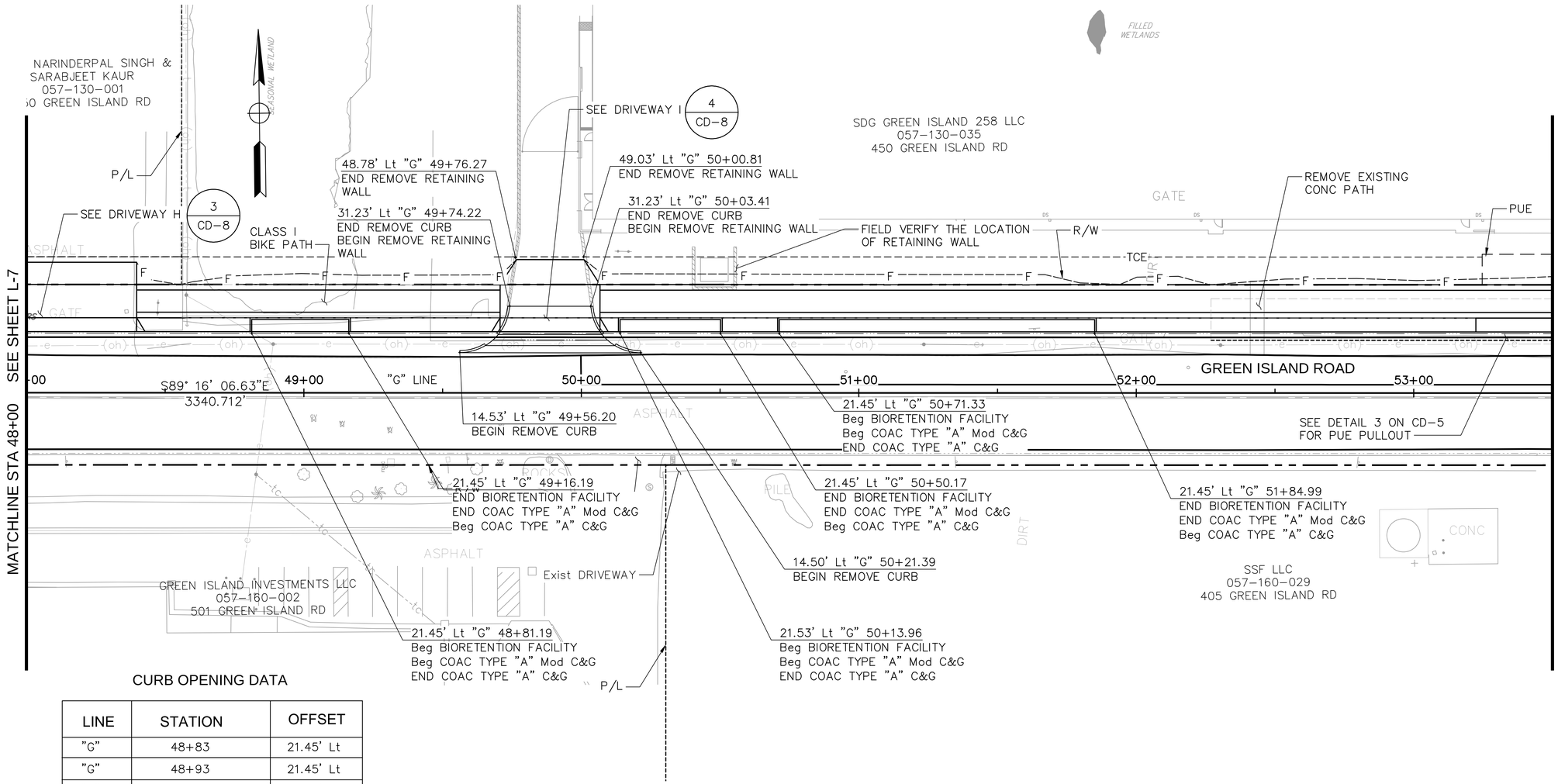
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-7**

12 OF 148 SHEETS

GREEN ISLAND RD WIDENING
ORIGINAL SCALE: 0 1 2 3 4 INCHES
L-7



CURB OPENING DATA

LINE	STATION	OFFSET
"G"	48+83	21.45' Lt
"G"	48+93	21.45' Lt
"G"	49+03	21.45' Lt
"G"	49+13	21.45' Lt
"G"	50+15	21.45' Lt
"G"	50+25	21.45' Lt
"G"	50+35	21.45' Lt
"G"	50+45	21.45' Lt
"G"	50+73	21.45' Lt
"G"	50+83	21.45' Lt
"G"	50+93	21.45' Lt
"G"	51+03	21.45' Lt
"G"	51+13	21.45' Lt
"G"	51+23	21.45' Lt
"G"	51+33	21.45' Lt
"G"	51+43	21.45' Lt
"G"	51+53	21.45' Lt
"G"	51+63	21.45' Lt
"G"	51+73	21.45' Lt

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ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-8**

13 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' INCHES 0 1 2 3 4

GREEN ISLAND RD WIDENING L-8

Plot Date/Monday, February 8, 2021 9:19:16 AM
Plot Scale=1" = 1'-0"
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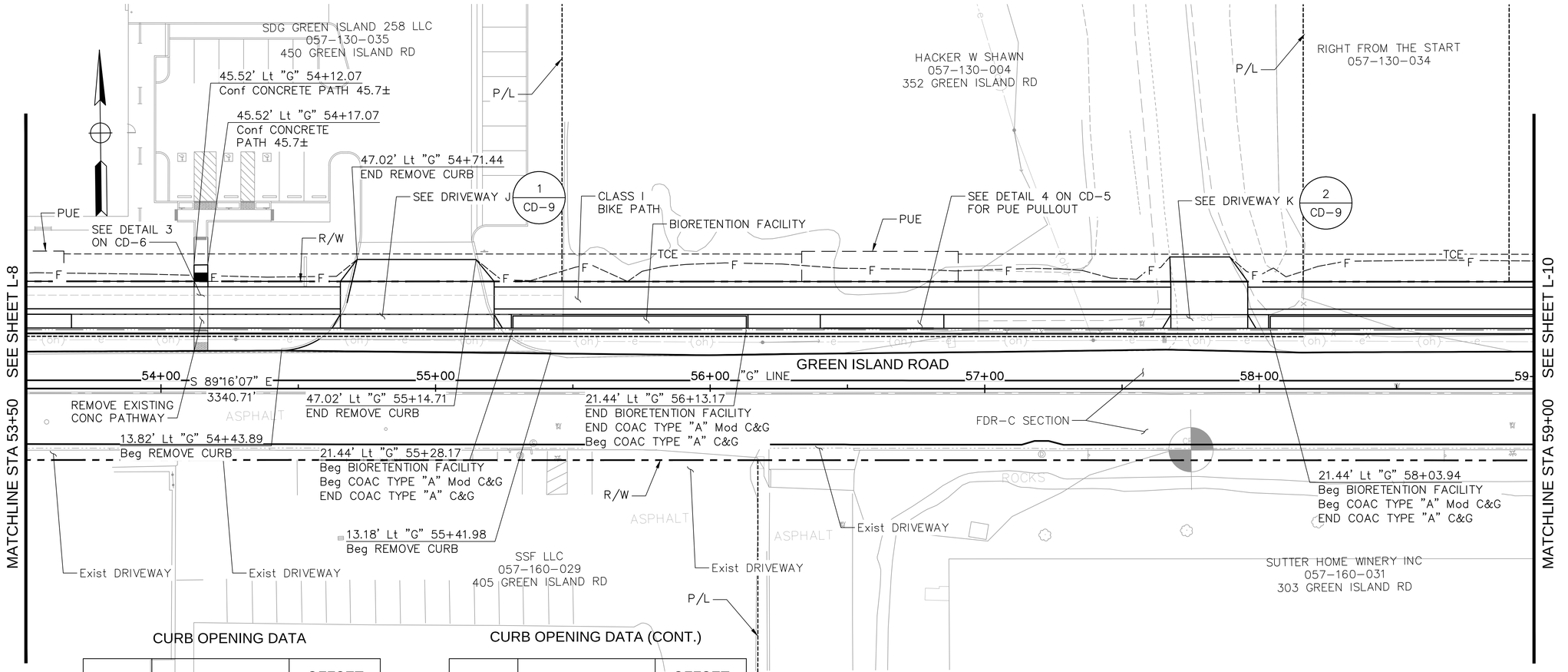

CURB OPENING DATA

LINE	STATION	OFFSET
"G"	46+70	21.44' Lt
"G"	46+80	21.44' Lt
"G"	46+90	21.44' Lt
"G"	47+00	21.44' Lt
"G"	47+10	21.44' Lt
"G"	47+20	21.44' Lt
"G"	47+30	21.44' Lt
"G"	47+40	21.44' Lt
"G"	55+32	21.44' Lt
"G"	55+42	21.44' Lt
"G"	55+52	21.44' Lt
"G"	55+62	21.44' Lt
"G"	55+72	21.44' Lt
"G"	55+82	21.44' Lt
"G"	55+92	21.44' Lt
"G"	56+02	21.44' Lt
"G"	56+12	21.44' Lt
"G"	58+02	21.44' Lt
"G"	58+13	21.44' Lt

CURB OPENING DATA (CONT.)

LINE	STATION	OFFSET
"G"	58+23	21.44' Lt
"G"	58+33	21.44' Lt
"G"	58+43	21.44' Lt
"G"	58+53	21.44' Lt
"G"	58+63	21.44' Lt
"G"	58+73	21.44' Lt
"G"	58+83	21.44' Lt
"G"	58+93	21.44' Lt
"G"	59+03	21.44' Lt

Plot Scale=Monday, February 8, 2021 9:20:29 AM
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File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rec009.dwg

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CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

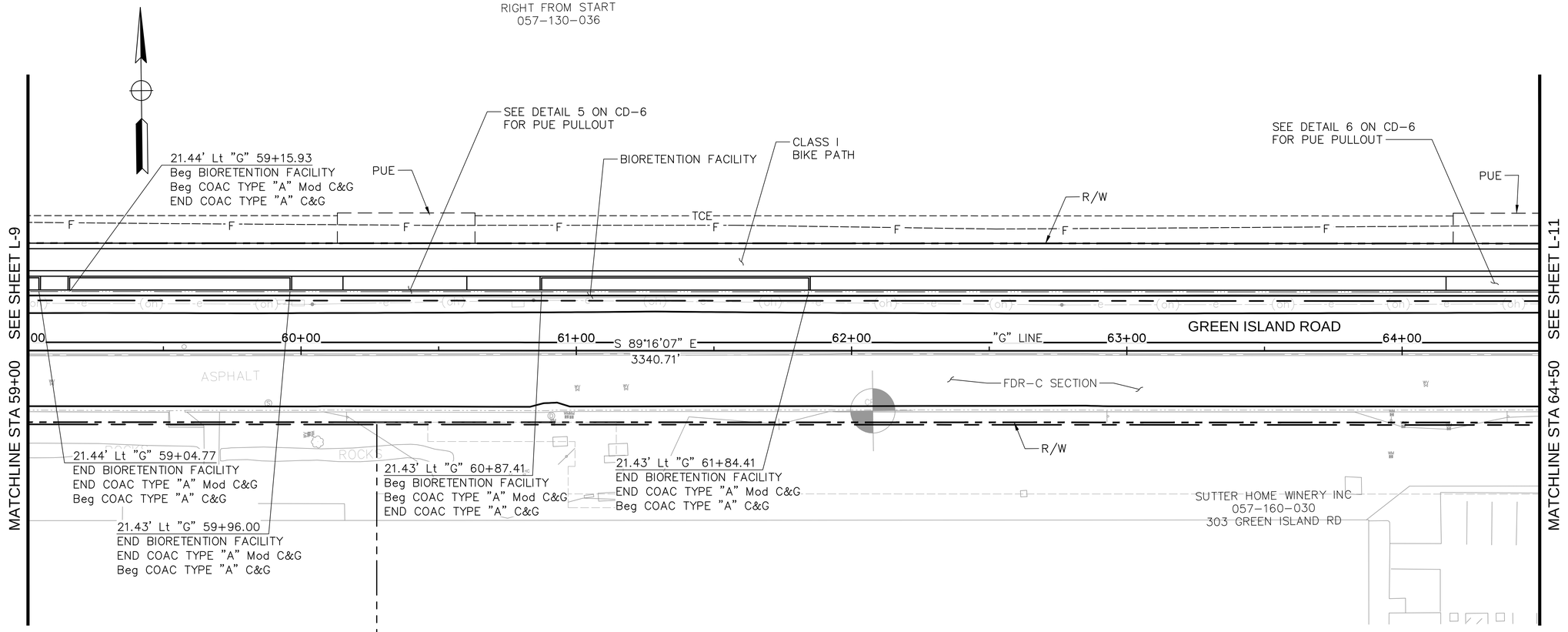
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	L-9

14 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
GREEN ISLAND RD WIDENING
L-9



CURB OPENING DATA

LINE	STATION	OFFSET
"G"	59+18	21.44' Lt
"G"	59+28	21.43' Lt
"G"	59+38	21.43' Lt
"G"	59+48	21.43' Lt
"G"	59+58	21.43' Lt
"G"	60+89	21.43' Lt
"G"	60+99	21.43' Lt
"G"	61+09	21.43' Lt
"G"	61+19	21.43' Lt
"G"	61+29	21.43' Lt
"G"	61+39	21.43' Lt
"G"	61+49	21.43' Lt
"G"	61+59	21.43' Lt
"G"	61+69	21.43' Lt
"G"	61+79	21.43' Lt

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-10**

15 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES 2 1 3 4 GREEN ISLAND RD WIDENING L-10

Plot Scale=Monday, February 8, 2021 9:21:43 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\Vamerican Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200mc010.dwg

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Plot Scale=1" = 1'-0"
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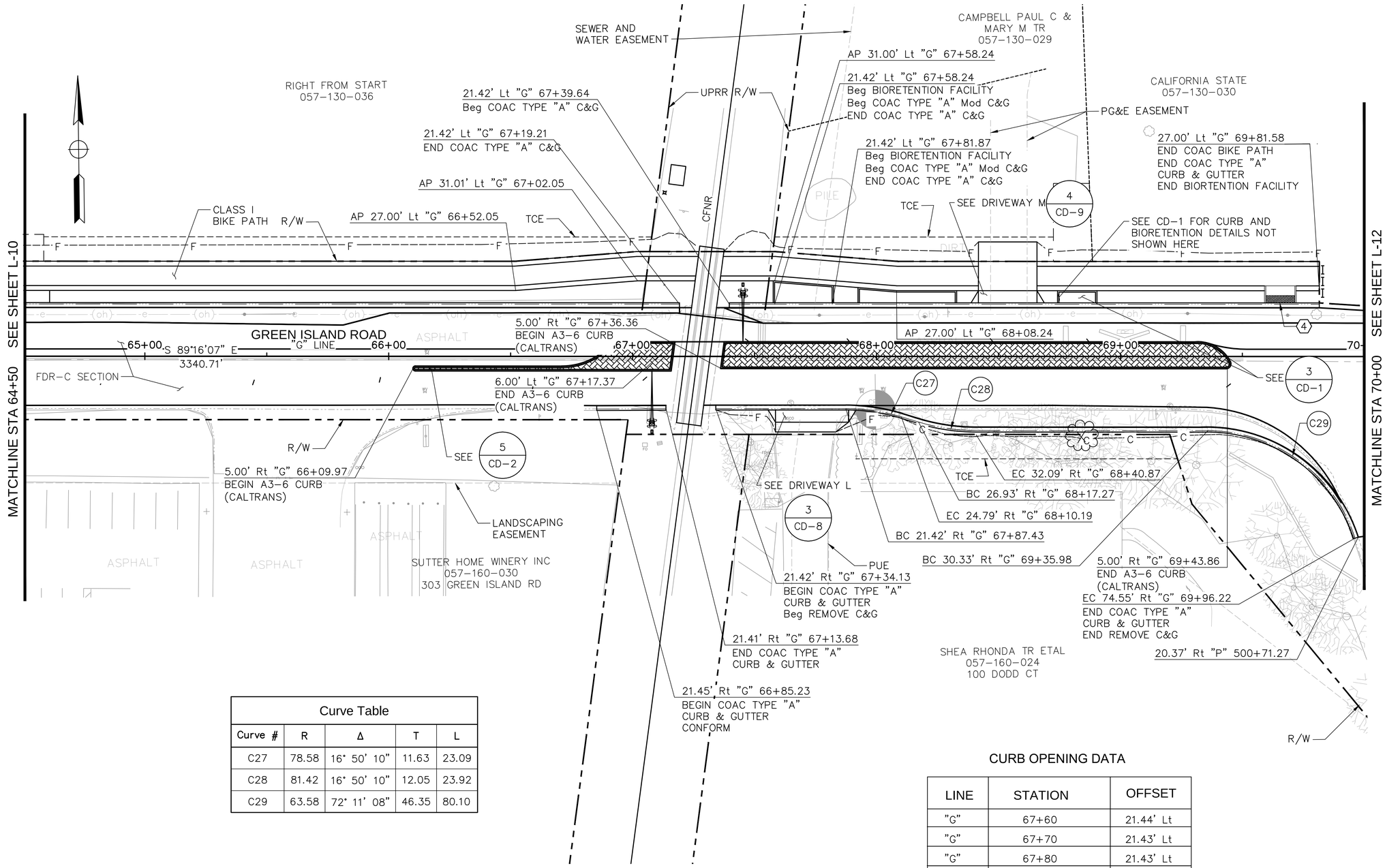


Curve Table				
Curve #	R	Δ	T	L
C27	78.58	16° 50' 10"	11.63	23.09
C28	81.42	16° 50' 10"	12.05	23.92
C29	63.58	72° 11' 08"	46.35	80.10

CURB OPENING DATA

LINE	STATION	OFFSET
"G"	67+60	21.44' Lt
"G"	67+70	21.43' Lt
"G"	67+80	21.43' Lt
"G"	67+91	21.43' Lt
"G"	68+01	21.43' Lt
"G"	68+11	21.43' Lt
"G"	68+21	21.43' Lt
"G"	68+31	21.43' Lt
"G"	68+77	21.43' Lt
"G"	68+87	21.43' Lt

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

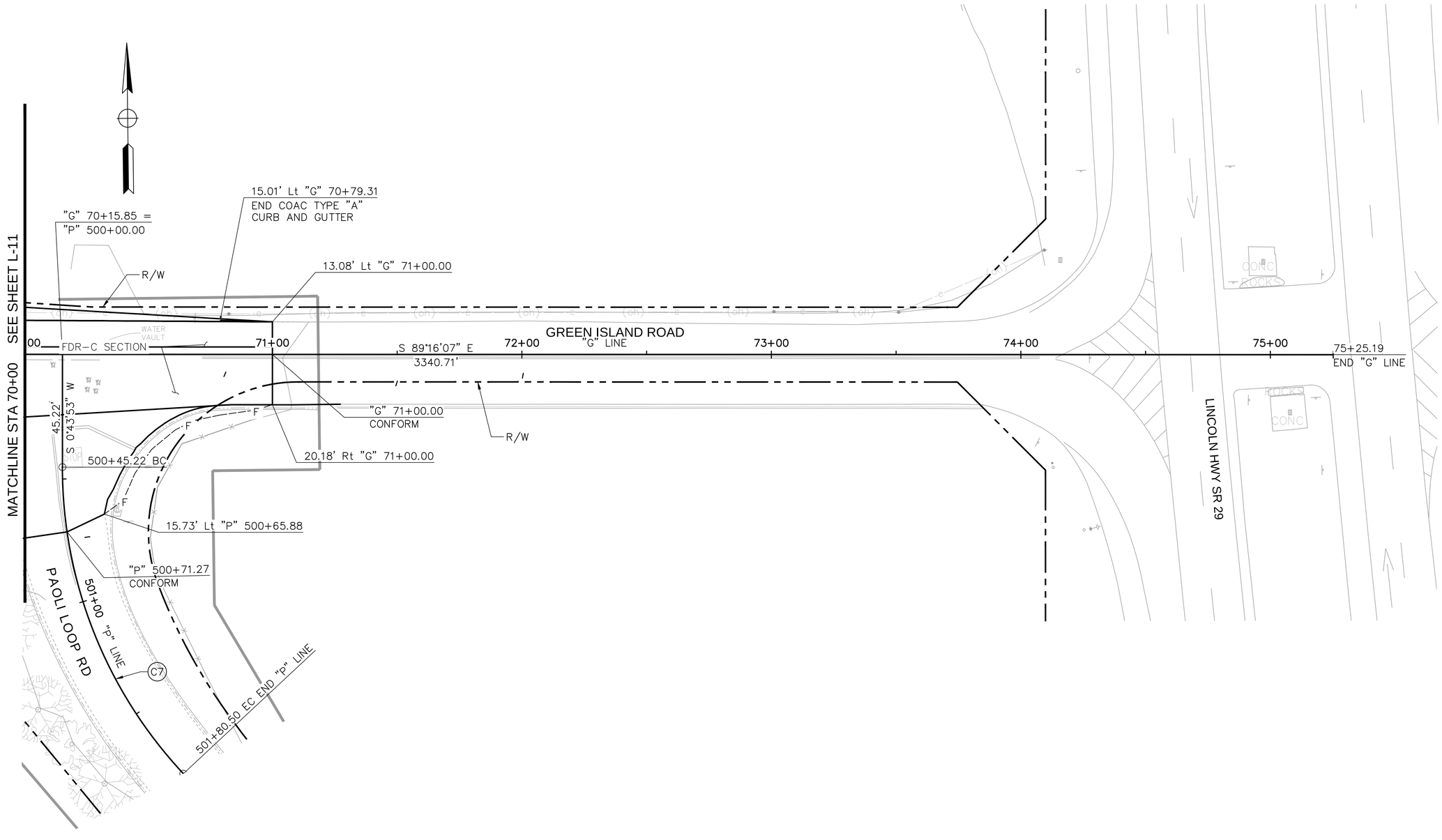
LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-11**

16 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
L-11

Plot Scale=Monday, February 8, 2021 9:24:10 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD Files\A48200red012.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

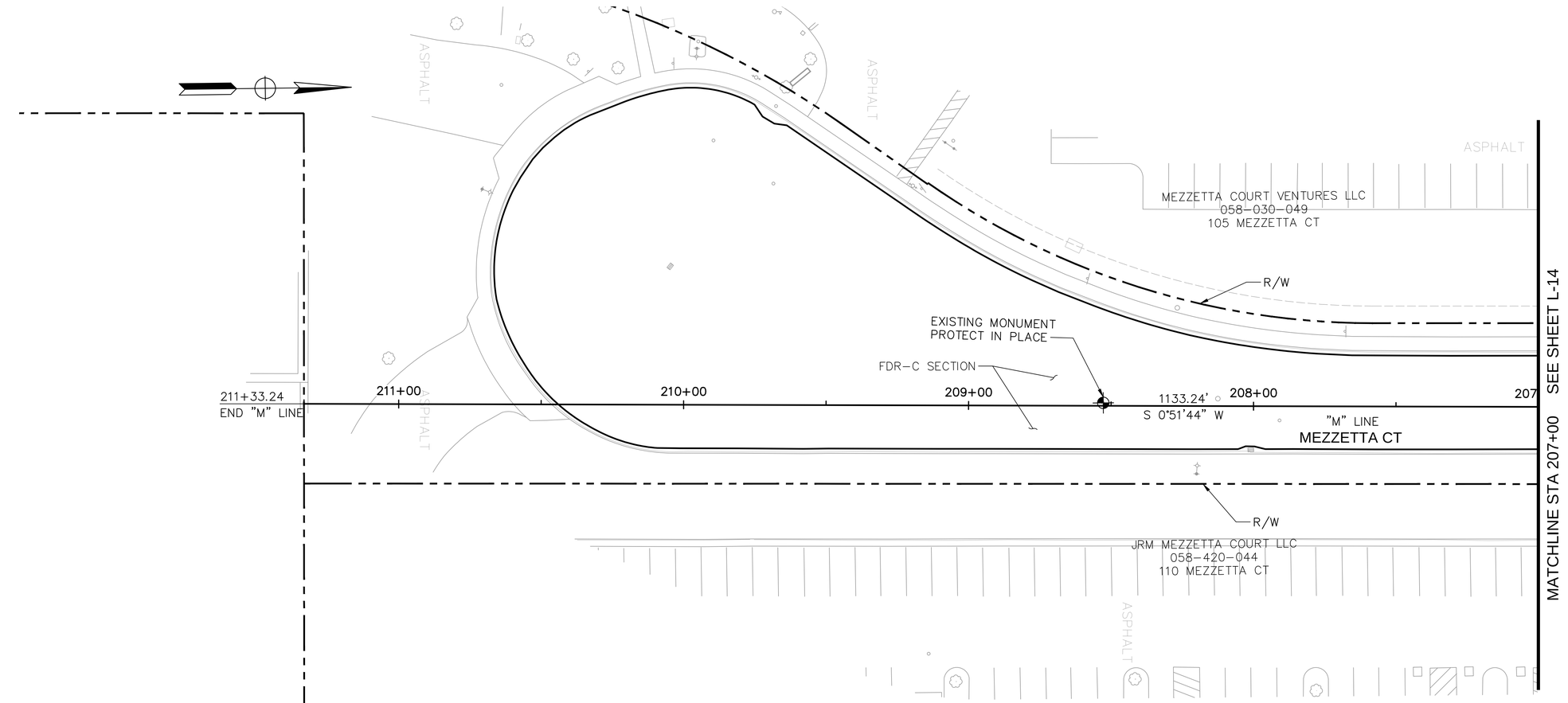
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-12**

17 OF 148 SHEETS

L-12 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 9:25:24 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CAD\ Files\A48200mod013.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

LAYOUT

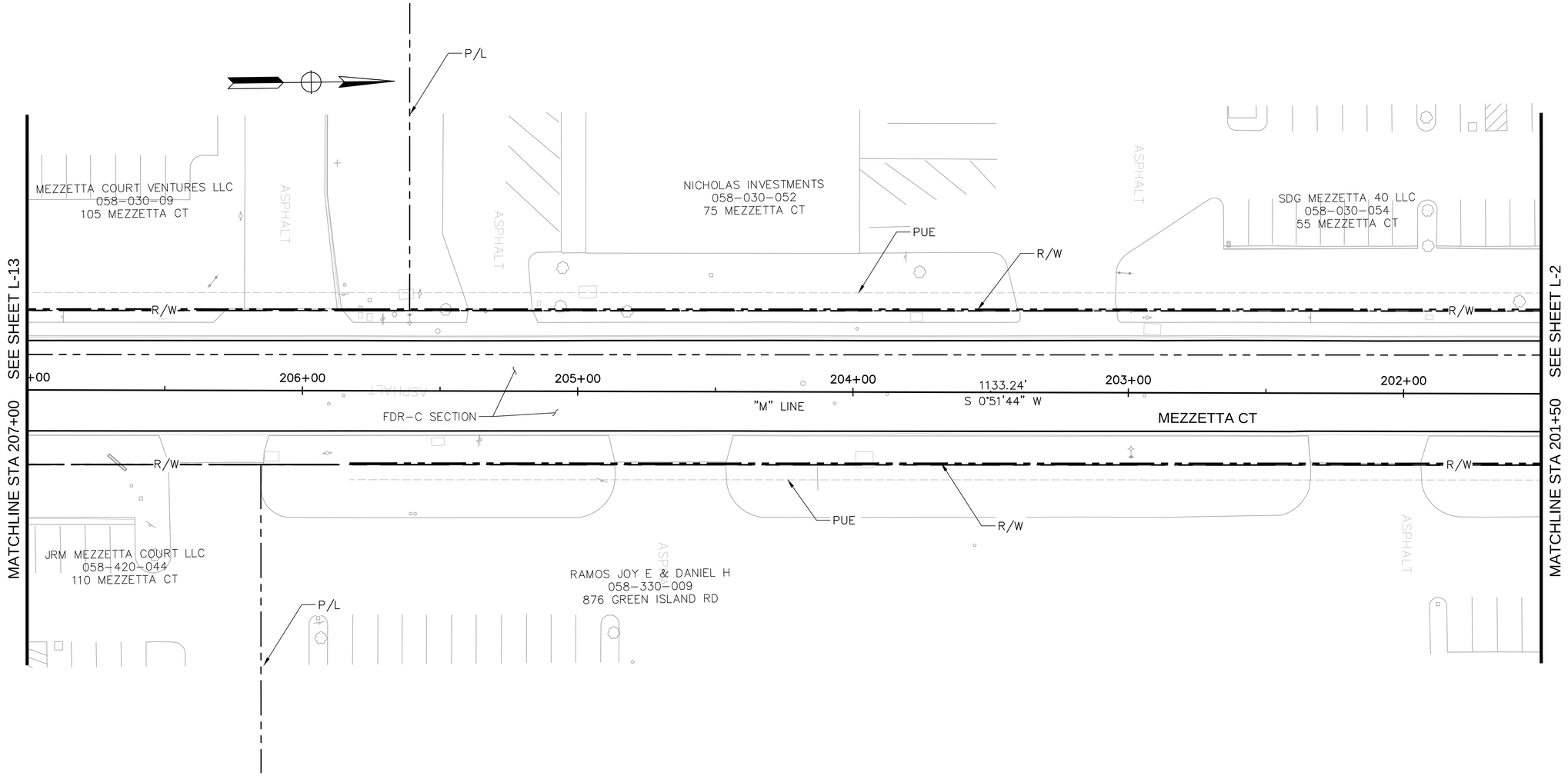
AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-13**

18 OF 148 SHEETS

L-13 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 9:26:39 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200hrd014.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

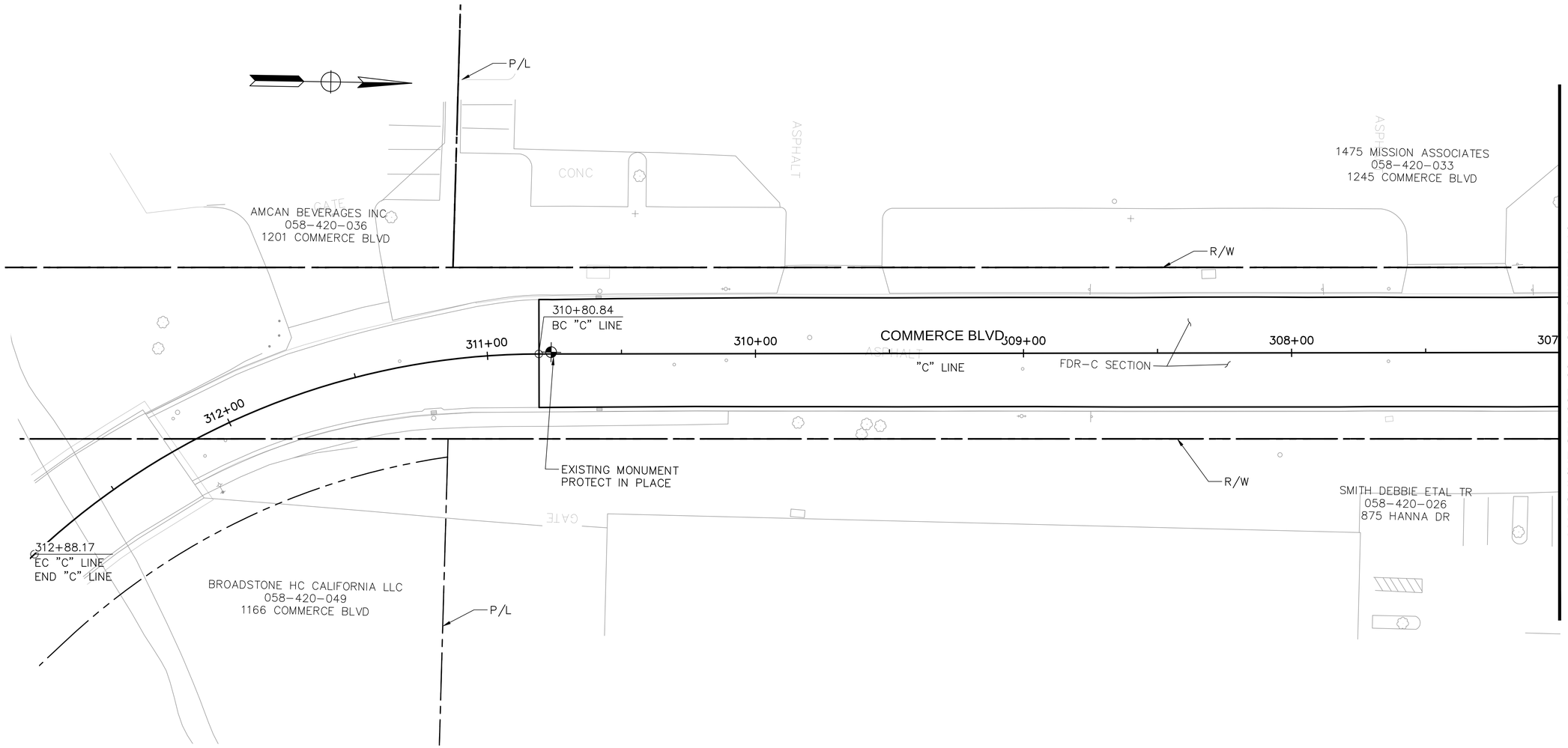
PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-14**

19 OF 148 SHEETS

L-14 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



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Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\V448-200 Green Island Road\500-Design\505 - CAD\ Files\V448200mod015.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

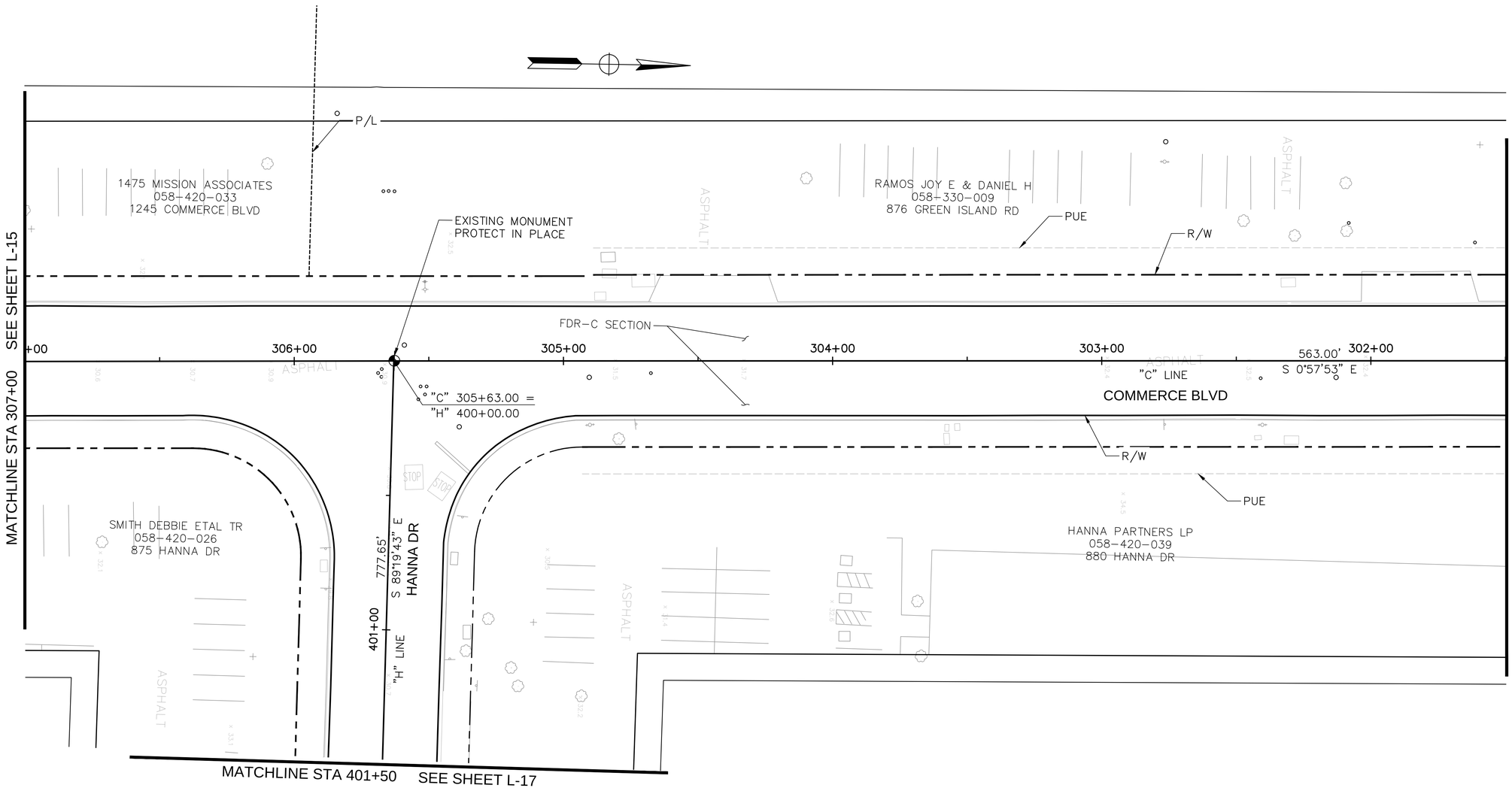
LAYOUT

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-15**

20 OF 148 SHEETS

L-15 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



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Plot Scale=1" = 1'-0"

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DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-16**

21 OF 144 SHEETS

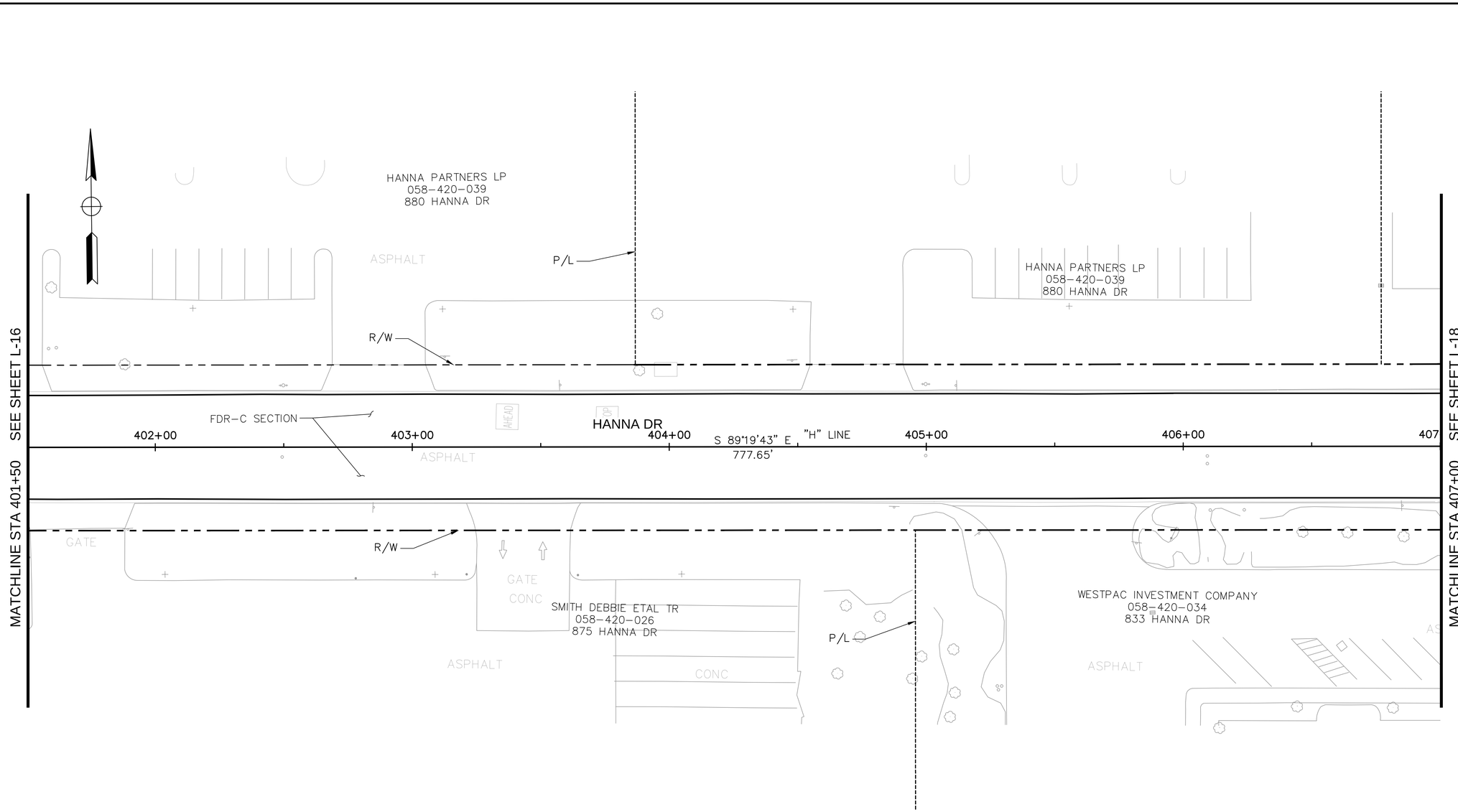
REVISION | DESCRIPTION | APPROVED | DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

L-16 ORIGINAL SCALE: 0 1 2 3 4 GREEN ISLAND RD WIDENING INCHES



CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-17**

22 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
L-17

Plot Scale=Monday, February 8, 2021 9:33:22 AM
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Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\505 - CADD Files\A48200ms018.dwg

REVISION	DESCRIPTION	APPROVED	DATE

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PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

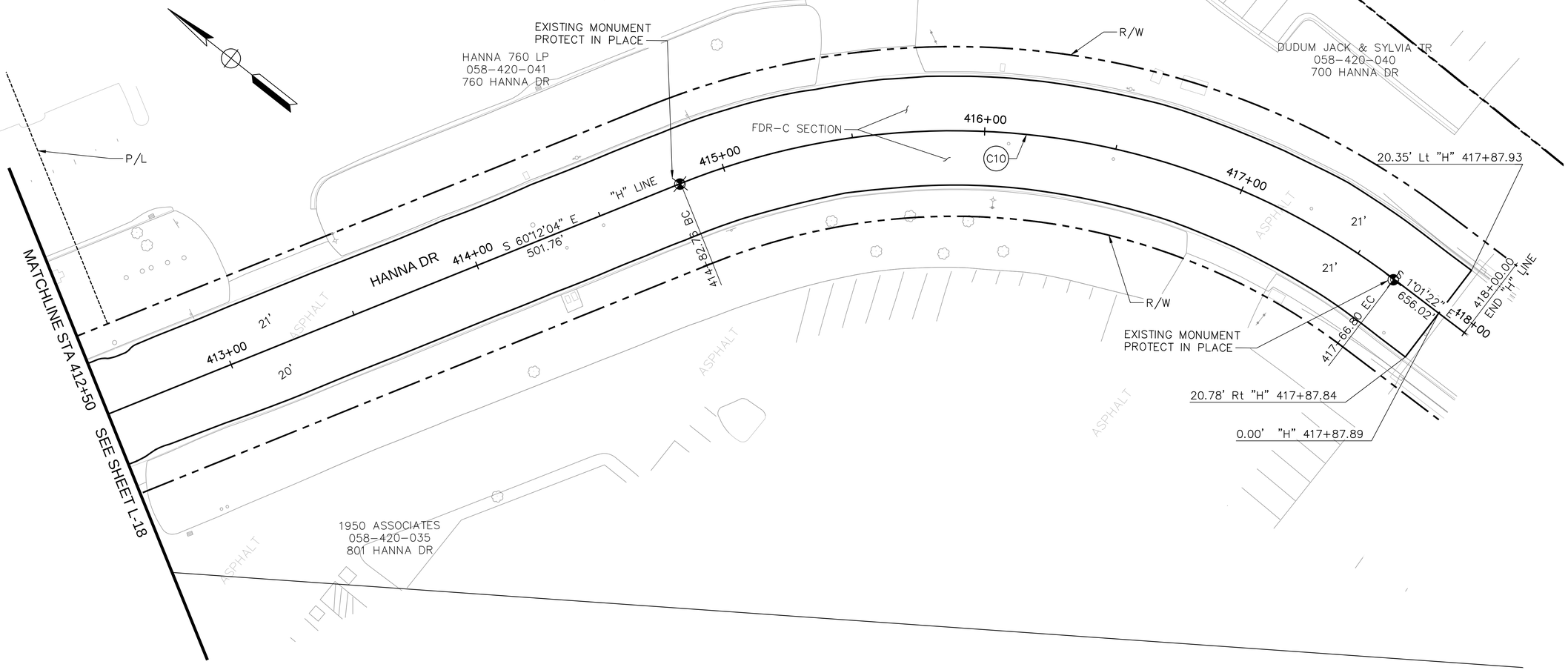
LAYOUT

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**L-18**

23 OF 144 SHEETS

L-18 ORIGINAL SCALE: 0 1/2 1 1 1/2 2 3 4 INCHES GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 9:36:10 AM

Plot Scale=1" = 1'-0"

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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

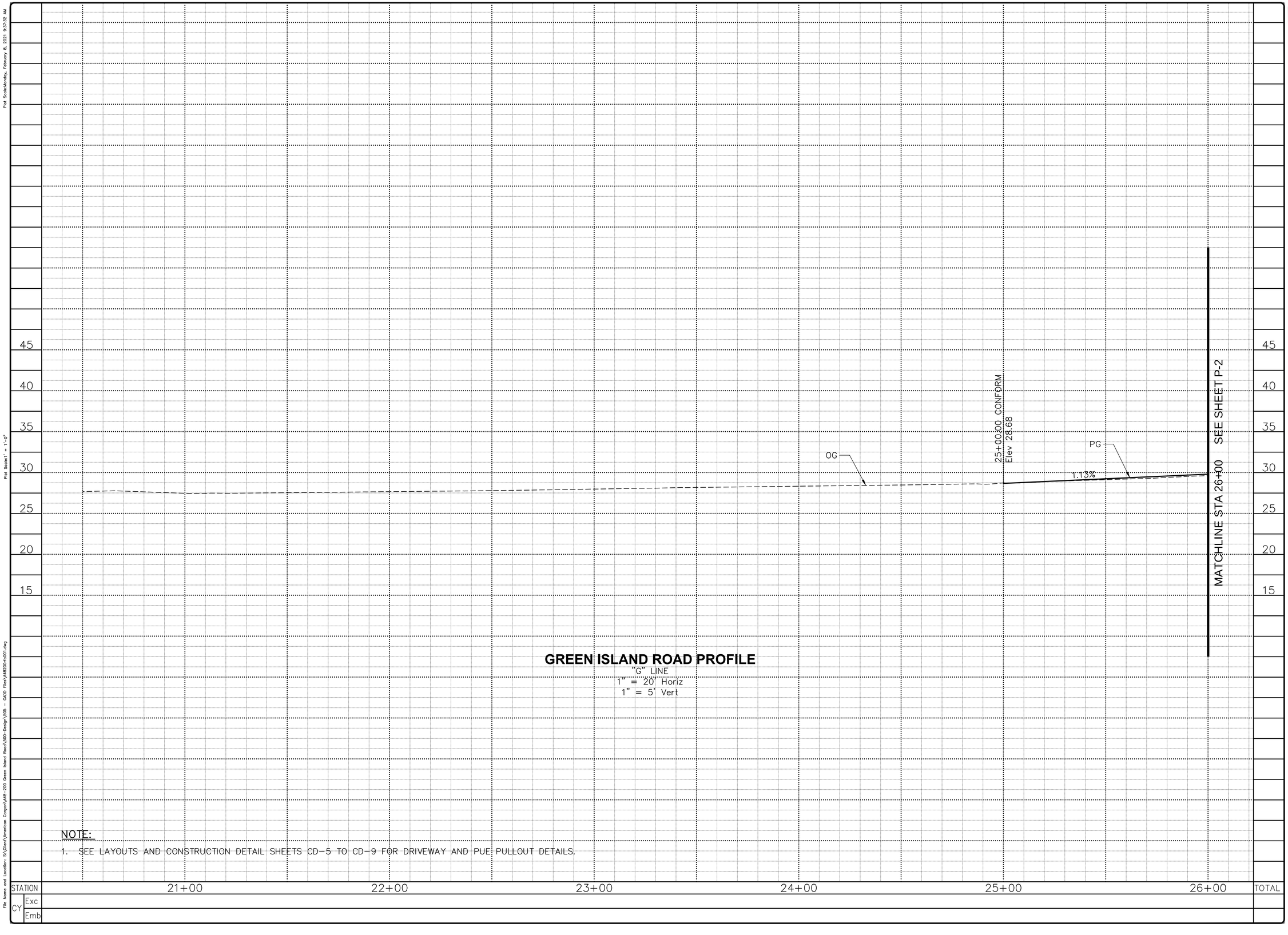
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

LAYOUT

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **L-19**
24 OF 148 SHEETS

L-19 ORIGINAL SCALE: 1" = 20' INCHES GREEN ISLAND RD WIDENING



GREEN ISLAND ROAD PROFILE

"G" LINE
1" = 20' Horiz
1" = 5' Vert

NOTE:

1. SEE LAYOUTS AND CONSTRUCTION DETAIL SHEETS CD-5 TO CD-9 FOR DRIVEWAY AND PUE PULLOUT DETAILS.

Plot Scale=Monday, February 8, 2021 9:37:32 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rd001.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

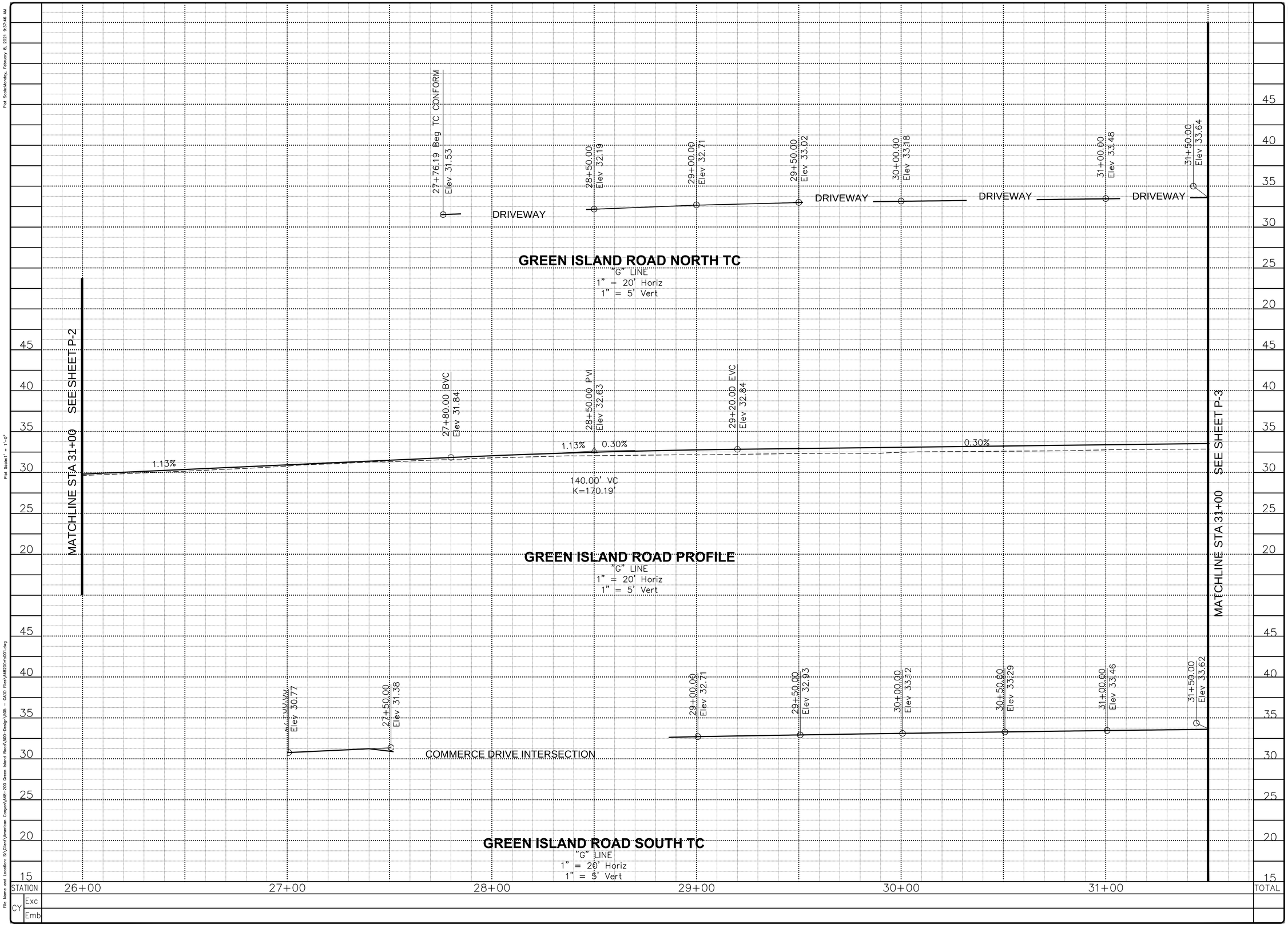
PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	--
PROJECT NO.	A48-100
DRAWING NO.	P-1

25 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
P-1 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 9:37:46 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rdp001.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

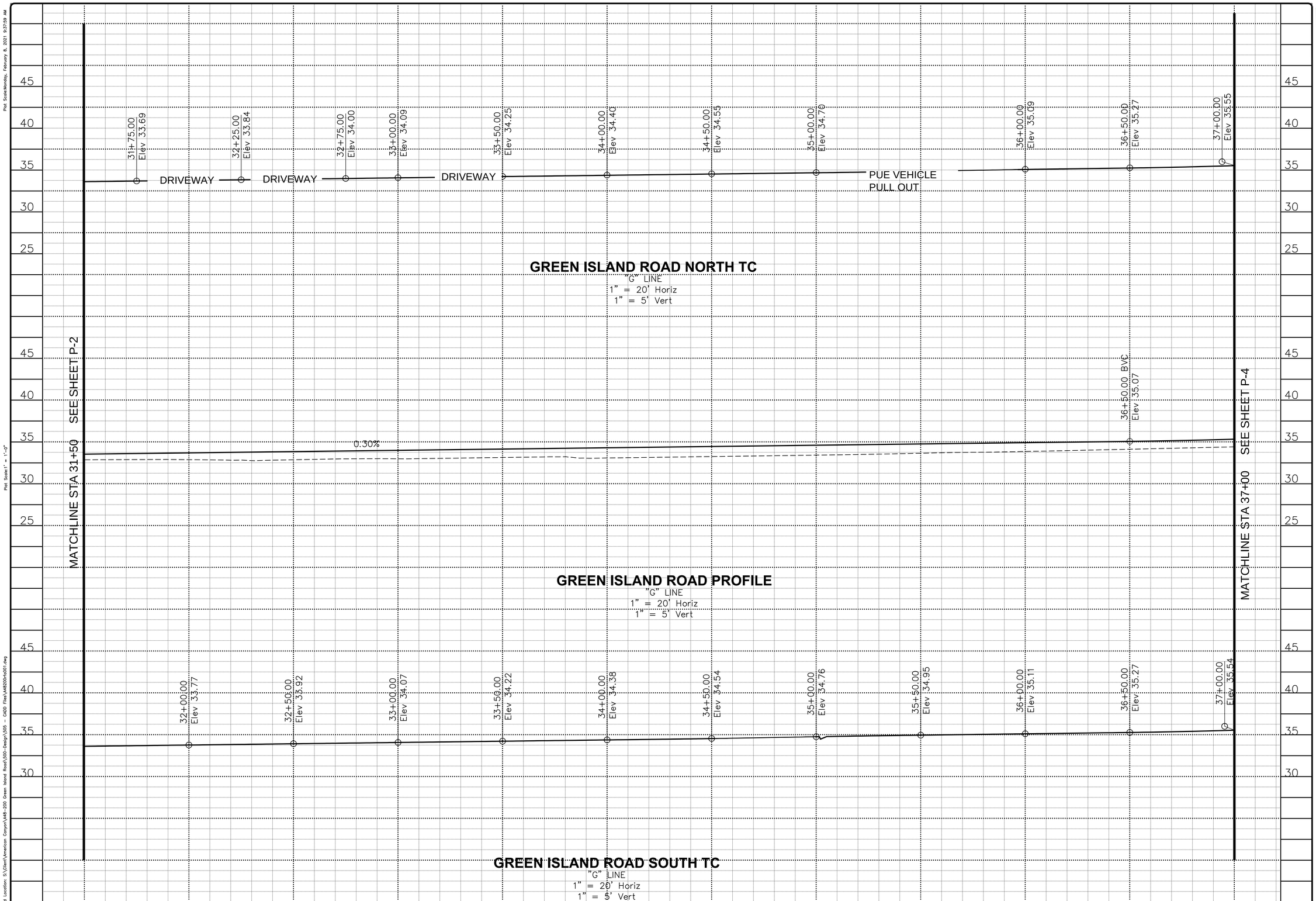
PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	P-2
	26 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' INCHES
GREEN ISLAND RD WIDENING P-2

Plot Date/Time:Monday, February 8, 2021 9:37:59 AM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\V448-200 Green Island Road\500-Design\505 - CAD\ Files\V448200rd001.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	P-3

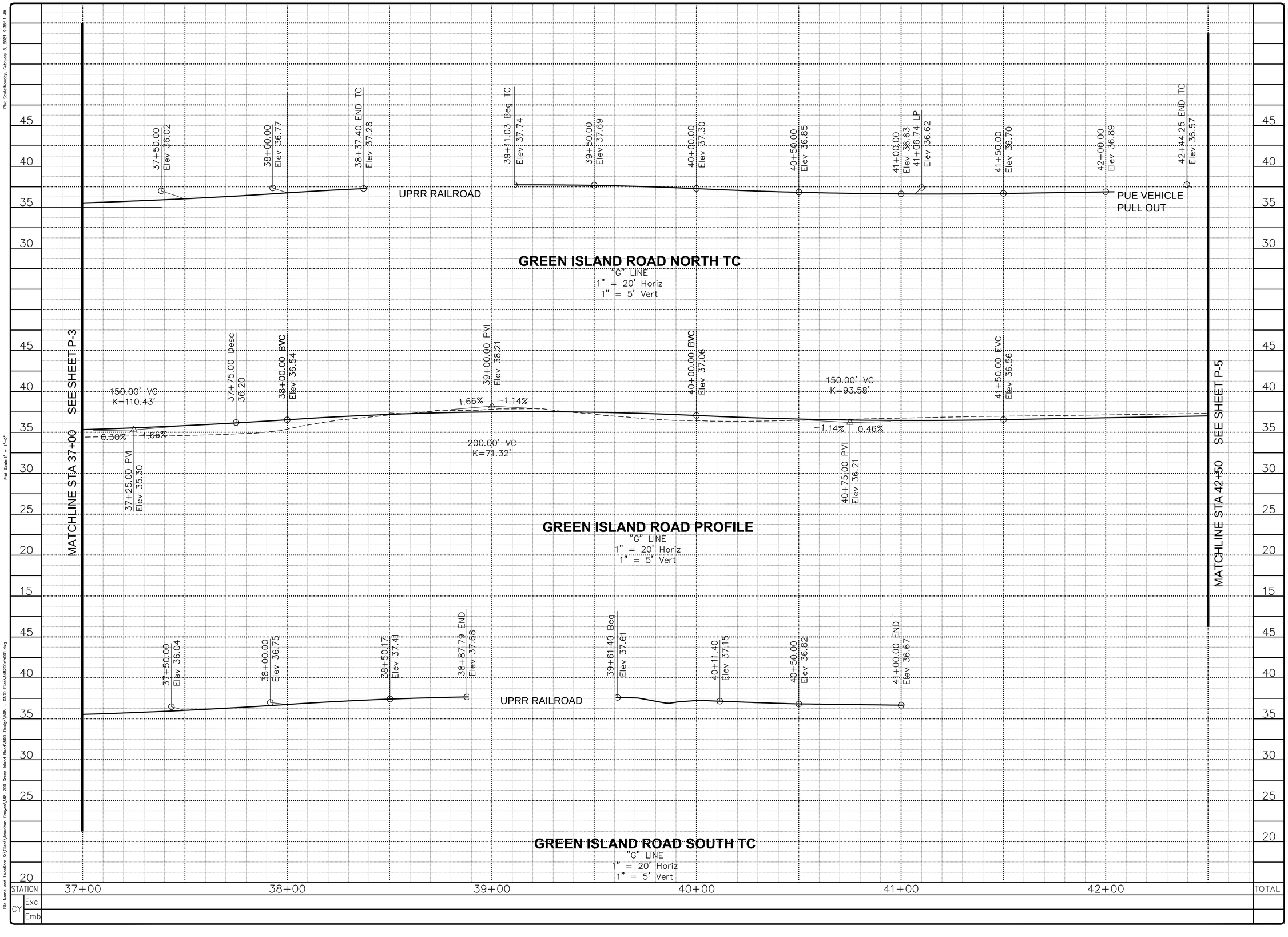
27 OF 148 SHEETS

GREEN ISLAND RD WIDENING P-2
ORIGINAL SCALE: 1" = 20' INCHES

Plot Date/Time: Monday, February 8, 2021 9:38:11 AM

Plot Scale:1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200Pro001.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	P-4

28 OF 148 SHEETS

GREEN ISLAND RD WIDENING P-2

ORIGINAL SCALE: 1 INCHES 2 3 4

Plot Date/Monday, February 8, 2021 9:38:22 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rlr001.dwg

MATCHLINE STA 42+50 SEE SHEET P-4

REFER DEVLIN RD EXTENSION PLANS (BY OTHERS)

GREEN ISLAND ROAD NORTH TC
"G" LINE
1" = 20' Horiz
1" = 5' Vert

45+64.12 Beg TC
Elev 38.54

46+00.00
Elev 38.72

46+50.00
Elev 38.96

47+00.00
Elev 39.22

47+50.00
Elev 39.53

47+90.00
Elev 39.78

PUE VEHICLE PULL OUT

46+30.00 BVC
Elev 38.77

140.00' VC
K=647.72'

47+70.00 EVC
Elev 39.57

0.46%

0.46%

0.68%

47+00.00 PVI
Elev 39.09

MATCHLINE STA 48+00 SEE SHEET P-6

GREEN ISLAND ROAD PROFILE
"G" LINE
1" = 20' Horiz
1" = 5' Vert

STATION	43+00	44+00	45+00	46+00	47+00	48+00	TOTAL
CY Exc							
CY Emb							

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA CANYON ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

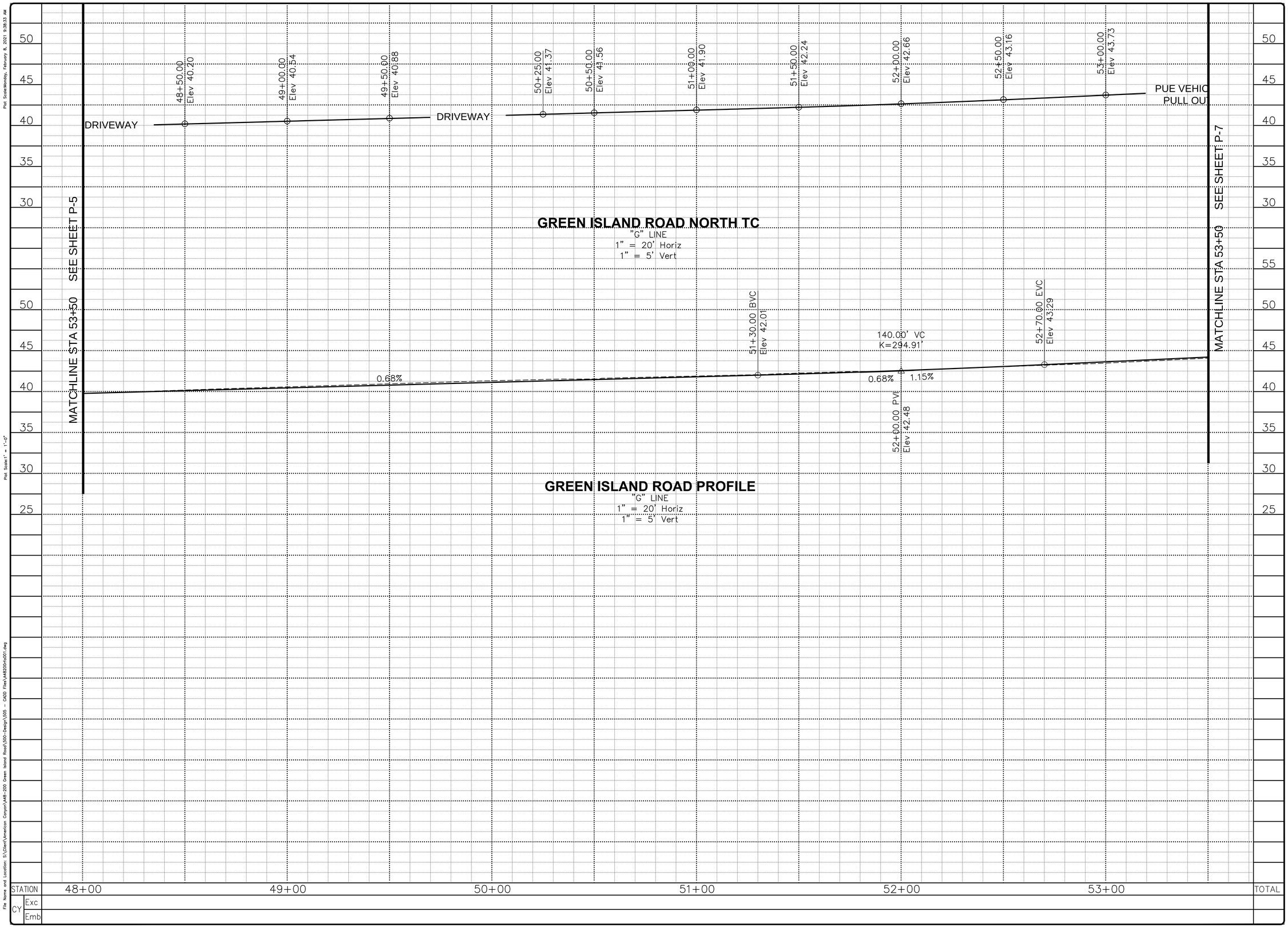
PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**P-5**
	29 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES

GREEN ISLAND RD WIDENING P-2



Plot Scale:Monday, February 8, 2021 9:38:33 AM

Plot Scale:1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200hrd001.dwg

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO.
P-6
30 OF 148 SHEETS

ORIGINAL SCALE: 6 1 11 21 31 41 INCHES
GREEN ISLAND RD WIDENING
P-2

Plot Scale=1" = 1'-0"
Plot Date/Time=Monday, February 8, 2021 10:04:04 AM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rlr001.dwg

MATCHLINE STA 53+50 SEE SHEET P-6

53+75.00 Elev 44.57

54+00.00 Elev 44.88

54+50.00 Elev 45.46

DRIVEWAY

55+00.00 Elev 46.03

55+50.00 Elev 46.61

56+00.00 Elev 47.19

56+25.00 Elev 47.45

PUE VEHICLE PULL OUT

57+00.00 Elev 48.34

57+50.00 Elev 48.91

58+00.00 Elev 49.44

58+50.00 Elev 49.93

59+00.00 Elev 50.33

MATCHLINE STA 59+00 SEE SHEET P-8

GREEN ISLAND ROAD NORTH TC

"G" LINE
1" = 20' Horiz
1" = 5' Vert

57+30.00 BVC Elev 48.59

58+00.00 PVI Elev 49.40

58+70.00 EVC Elev 49.99

1.15%

1.15%

0.84%

140.00' VC
K=445.45'

GREEN ISLAND ROAD PROFILE

"G" LINE
1" = 20' Horiz
1" = 5' Vert

STATION	54+00	55+00	56+00	57+00	58+00	59+00	TOTAL
CY Exc							
CY Emb							

DATE	DESCRIPTION	APPROVED	REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT: GREEN ISLAND RD WIDENING

PROFILE

CITY OF AMERICAN CANYON INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	P-7

31 OF 148 SHEETS

ORIGINAL SCALE: INCHES 0 1 2 3 4

GREEN ISLAND RD WIDENING P-2

Plot Scale=1" = 1'-0"

Plot Date/Time=Monday, February 8, 2021 10:04:13 AM

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200hrd001.dwg

MATCHLINE STA 59+00 SEE SHEET P-7

59+50.00 Elev 50.75

60+00.00 Elev 51.17

60+50.00 Elev 51.59

61+00.00 Elev 52.01

61+50.00 Elev 52.43

62+00.00 Elev 52.84

62+50.00 Elev 53.26

63+00.00 Elev 53.68

63+50.00 Elev 54.10

64+00.00 Elev 54.52

PUE VEHICLE PULL OUT

PUE VEHICLE PULL OUT

GREEN ISLAND ROAD NORTH TC

"G" LINE
1" = 20' Horiz
1" = 5' Vert

MATCHLINE STA 64+50 SEE SHEET P-9

64+30.00 BVC Elev 54.68

0.84%

GREEN ISLAND ROAD PROFILE

"G" LINE
1" = 20' Horiz
1" = 5' Vert

STATION	59+00	60+00	61+00	62+00	63+00	64+00	TOTAL
CY Exc							
CY Emb							

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

CITY OF AMERICAN CANYON INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**P-8**

32 OF 148 SHEETS

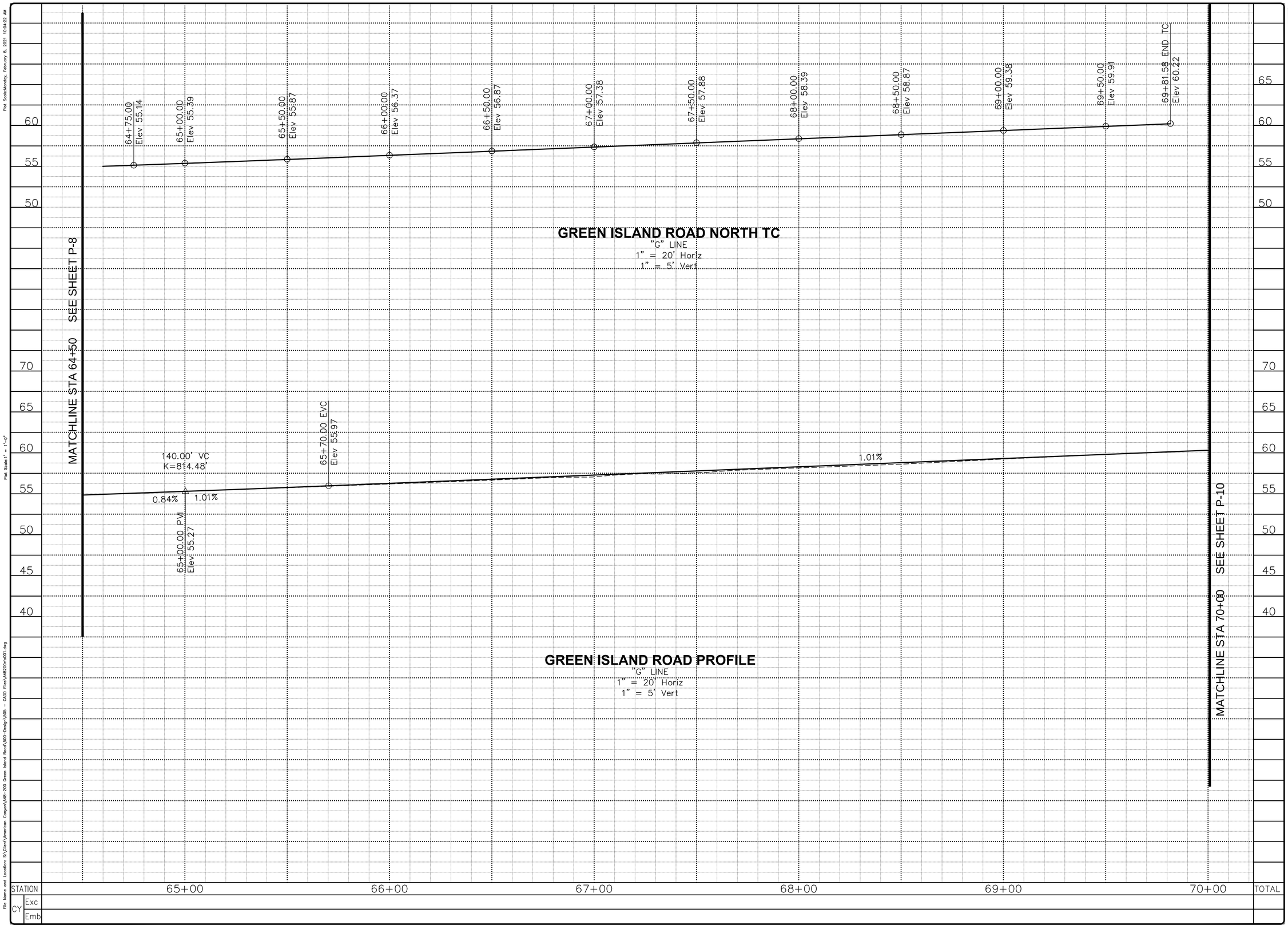
ORIGINAL SCALE: INCHES 0 1 2 3 4

GREEN ISLAND RD WIDENING

P-2

Plot Scale=Monday, February 8, 2021 10:04:22 AM

Plot Scale=1" = 1'-0"



File Name and Location: S:\Client\Vmerican Canyon\V448-200 Green Island Road\500-Design\505 - CADD Files\V448200rd001.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

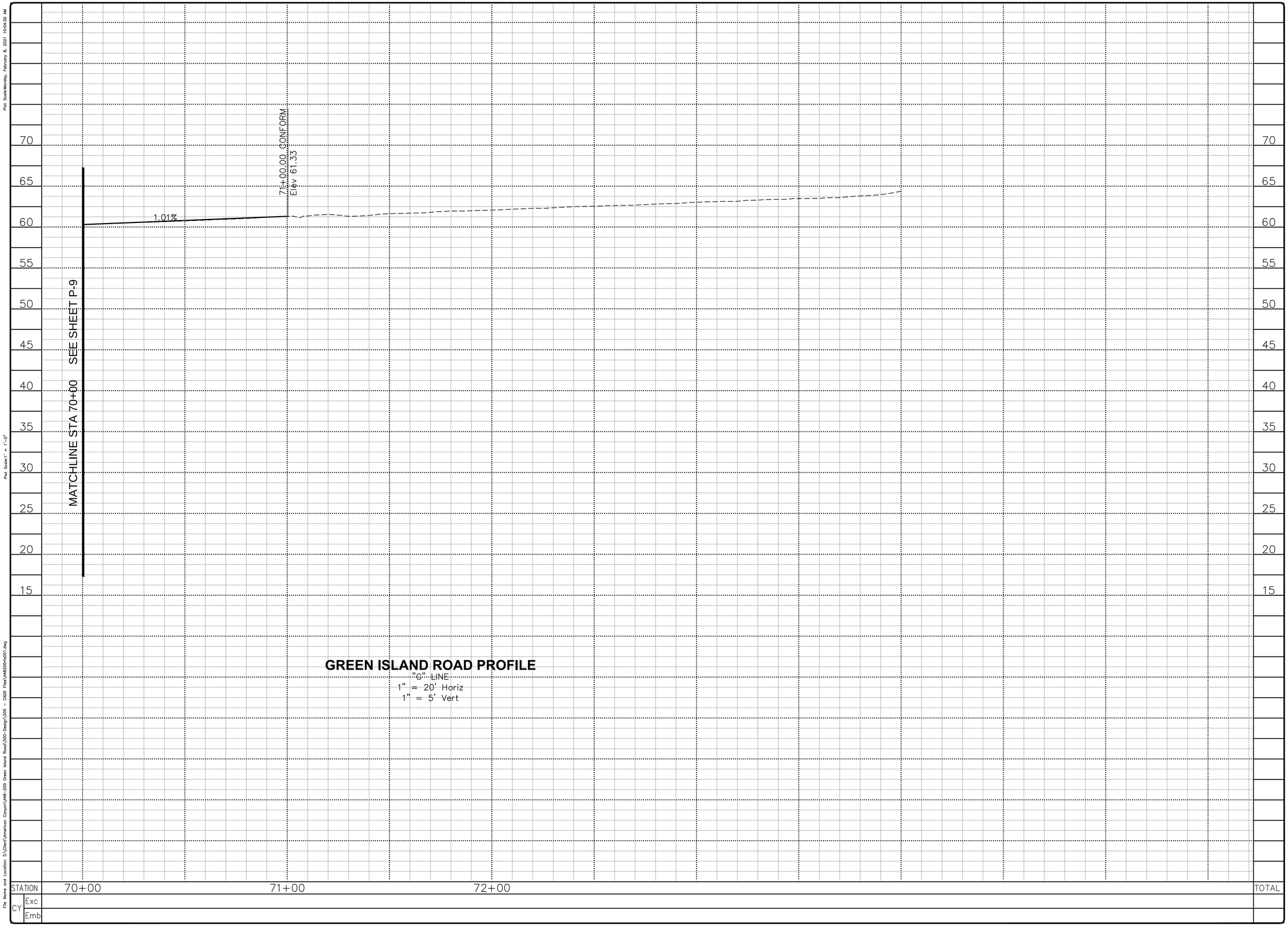
PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**P-9**
	33 OF 148 SHEETS

ORIGINAL SCALE: 1" 0 1" 2" 3" INCHES

GREEN ISLAND RD WIDENING P-2

Plot Scale=Monday, February 8, 2021 10:04:30 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rlr001.dwg



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CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

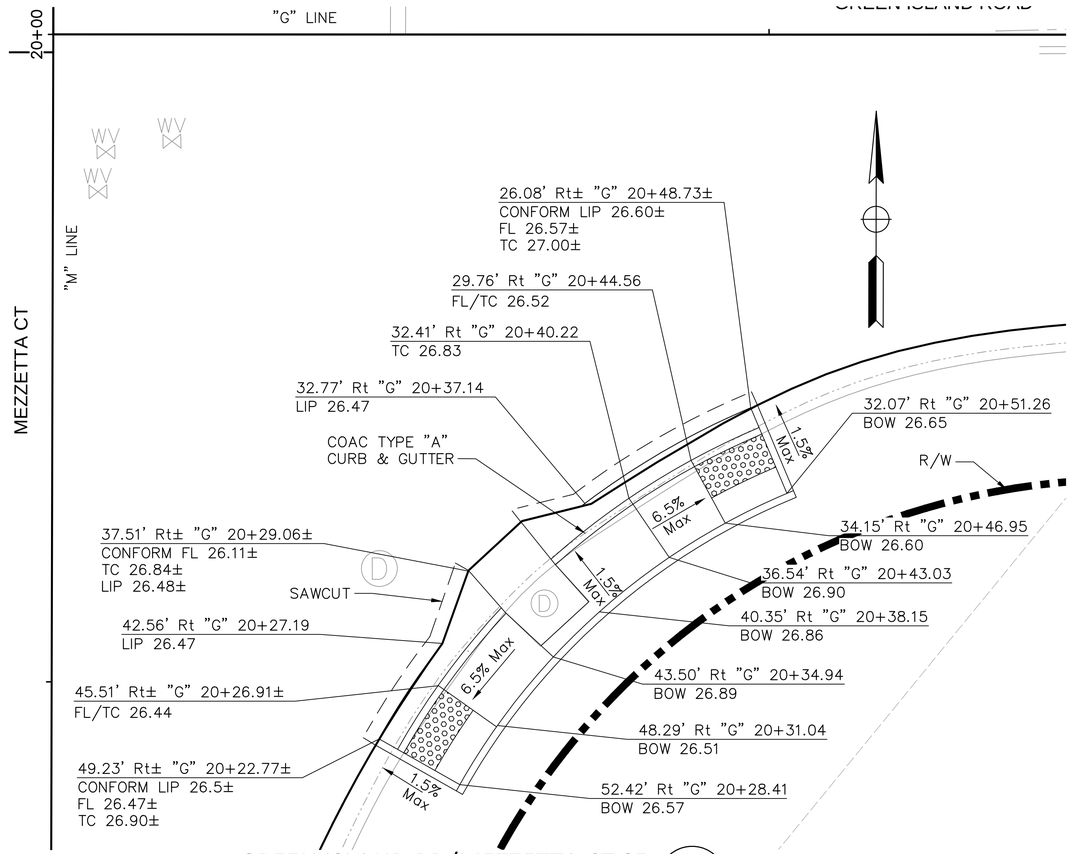
REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PROFILE

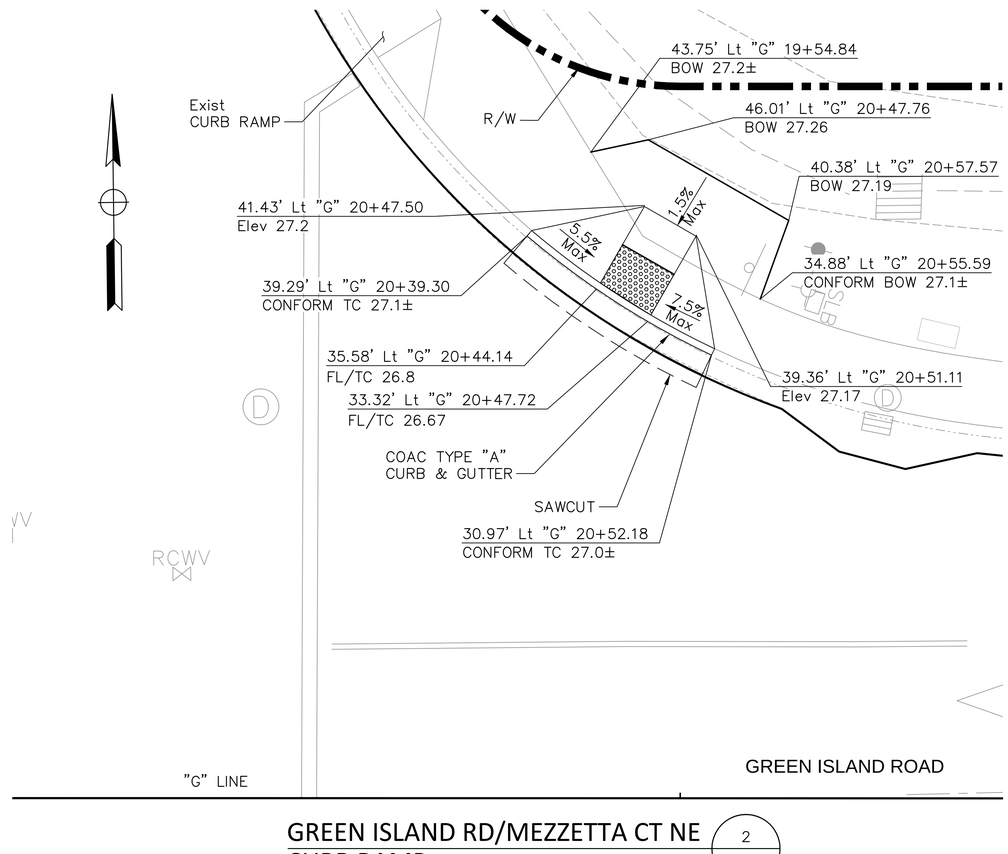
DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **P-10**
34 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES 0 1 11 21 31 41
GREEN ISLAND RD WIDENING
P-2



GREEN ISLAND RD/MEZZETTA CT SE CURB RAMP — 1 / CD-1

SCALE: 1" = 5'

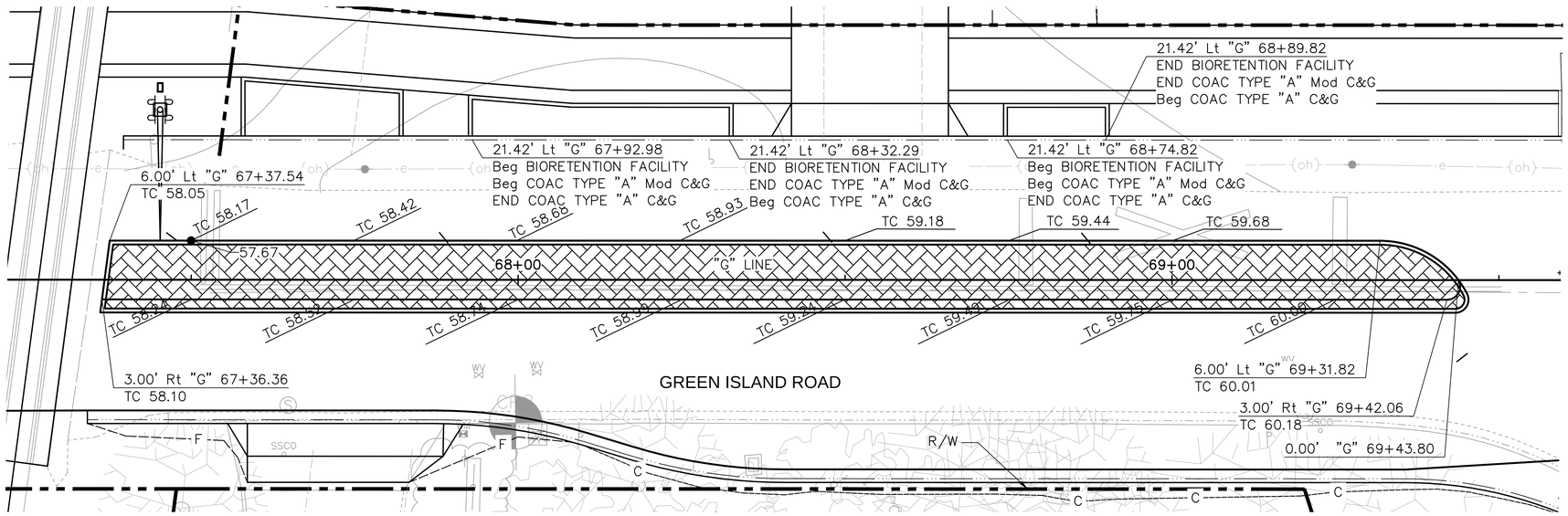


GREEN ISLAND RD/MEZZETTA CT NE CURB RAMP — 2 / CD-1

SCALE: 1" = 5'

LEGEND:

- MEDIAN: 0.33' MINOR CONCRETE (ISLAND PAVING) 0.17' CLASS 2 AB
- HMA DRIVEWAY: 0.50' HMA (TYPE A) 0.50' CLASS 2 AB
- CONCRETE DRIVEWAY: 0.50' MINOR CONCRETE (DRIVEWAY) 0.33' CLASS 2 AB
- CONCRETE DRIVEWAY: 0.33' MINOR CONCRETE (DRIVEWAY) 0.33' CLASS 2 AB



EAST RAILROAD CROSSING MEDIAN EAST APPROACH — 3 / CD-1

SCALE: 1" = 10'

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT: GREEN ISLAND RD WIDENING

CONSTRUCTION DETAILS

DESIGNED BY:	VFD
DRAWN BY:	VFD
CHECKED BY:	JPJ
SCALE:	1" = 5'
PROJECT NO.	A48-100
DRAWING NO.	CD-1
	35 OF 148 SHEETS

ORIGINAL SCALE: 1" = 5" 1 2 3 4 INCHES GREEN ISLAND RD WIDENING CD-1

Plot Scale=Monday, February 8, 2021 10:06:02 AM
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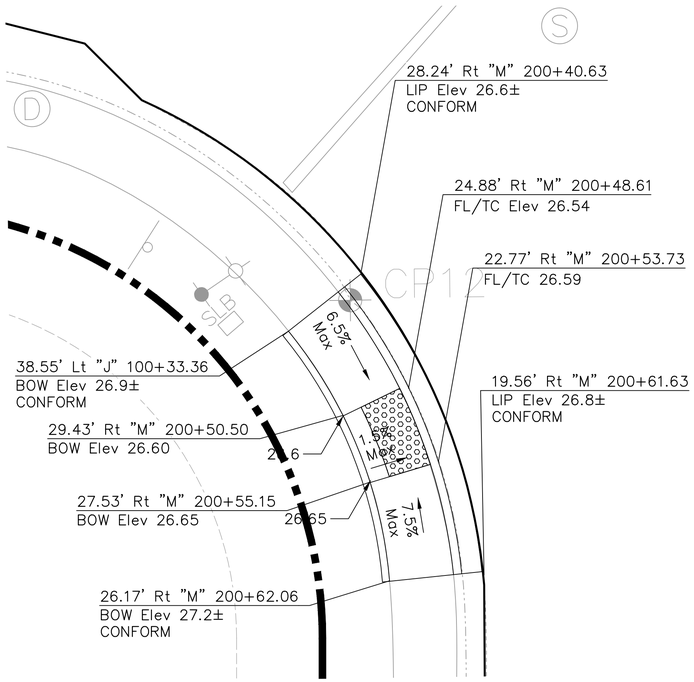
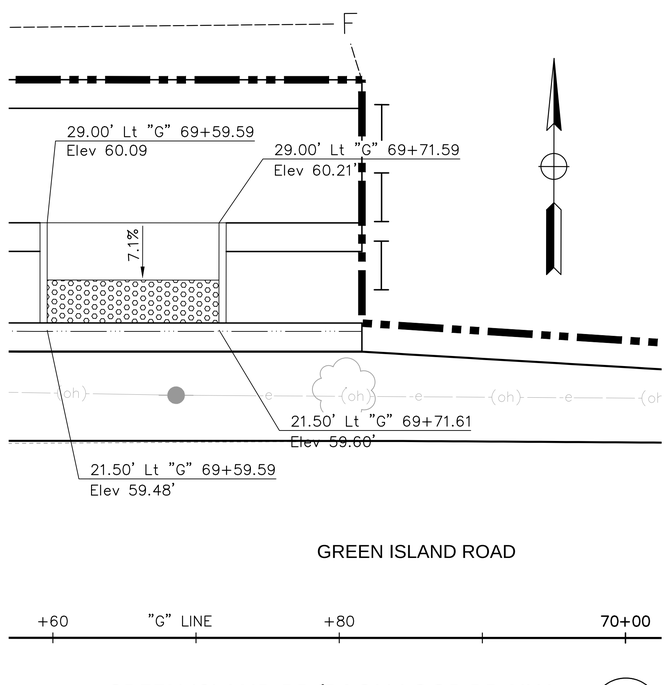
File Name and Location: S:\Client\Vmerican Canyon\V48-200 Green Island Road\300-Design\305 - CAD\ Files\V48200np001.dwg



GREEN ISLAND RD/PAOLI LOOP RD NW CURB RAMP

1 / CD-2

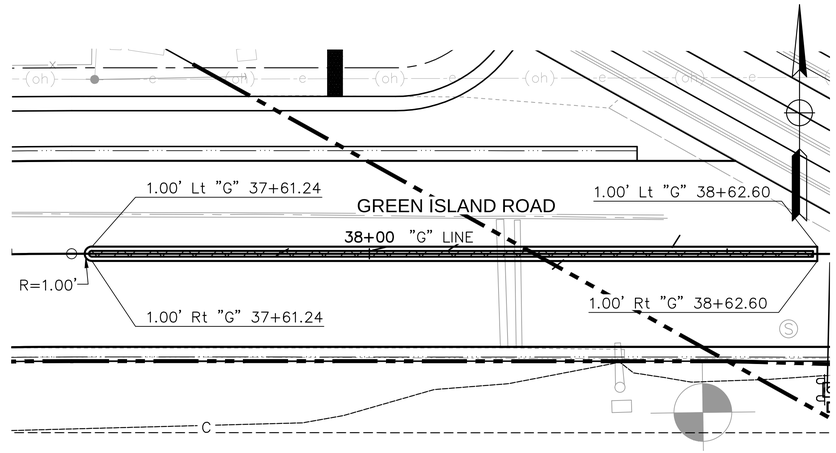
SCALE: 1" = 5'



GREEN ISLAND RD/PAOLI LOOP RD NW CURB RAMP

2 / CD-2

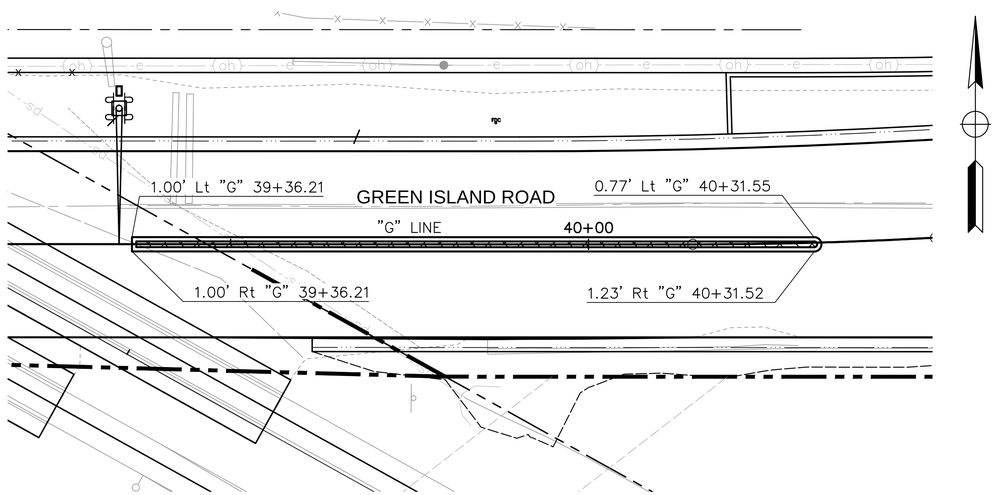
SCALE: 1" = 5'



WEST RAILROAD CROSSING MEDIAN WEST APPROACH

3 / CD-2

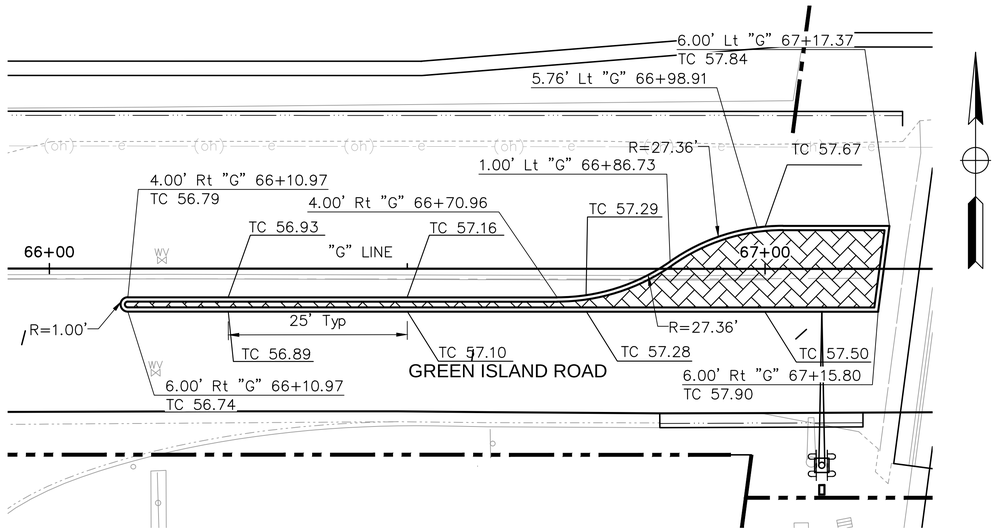
SCALE: 1" = 10'



WEST RAILROAD CROSSING MEDIAN EAST APPROACH

4 / CD-2

SCALE: 1" = 10'



EAST RAILROAD CROSSING MEDIAN WEST APPROACH

5 / CD-2

SCALE: 1" = 10'

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

CONSTRUCTION DETAILS

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	--
PROJECT NO.	A48-100
DRAWING NO.	CD-2

36 OF 148 SHEETS

CD-2 GREEN ISLAND RD WIDENING ORIGINAL SCALE: 0 1 2 3 4 INCHES

Plot Date/Monday, February 8, 2021 10:06:54 AM
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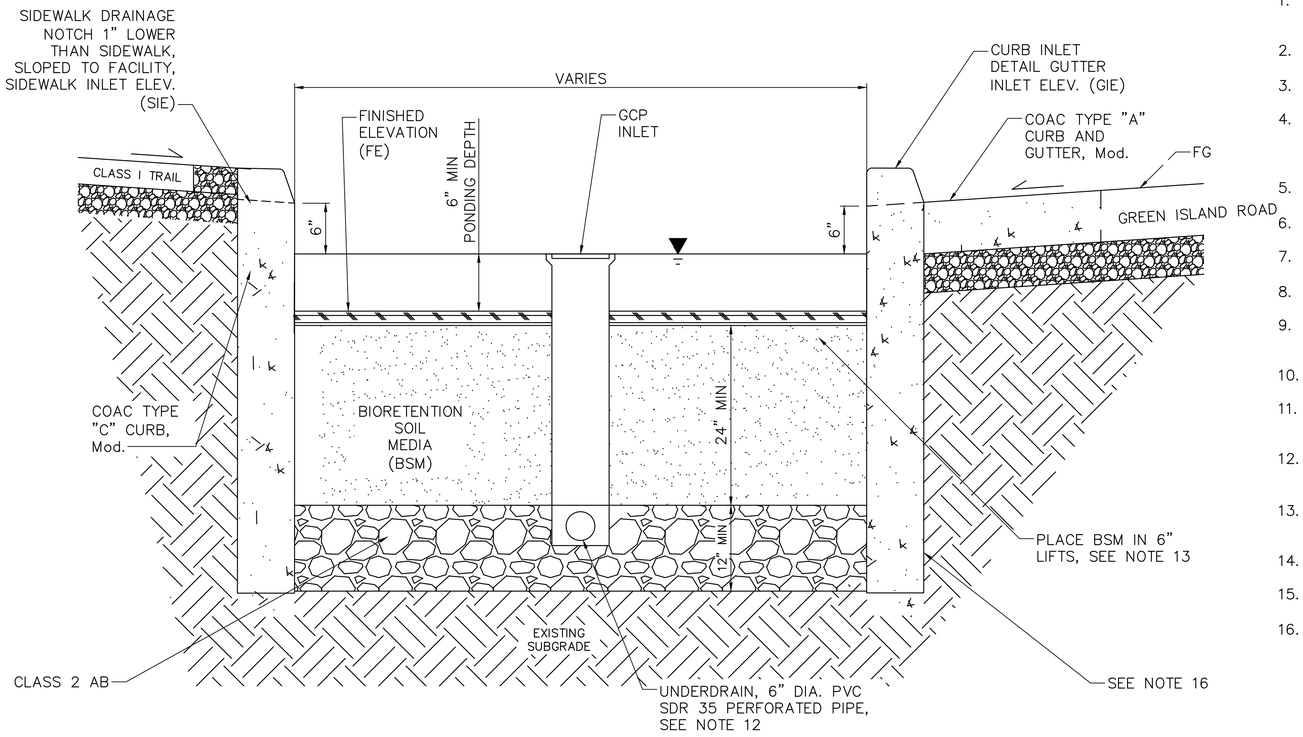
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rpd001.dwg

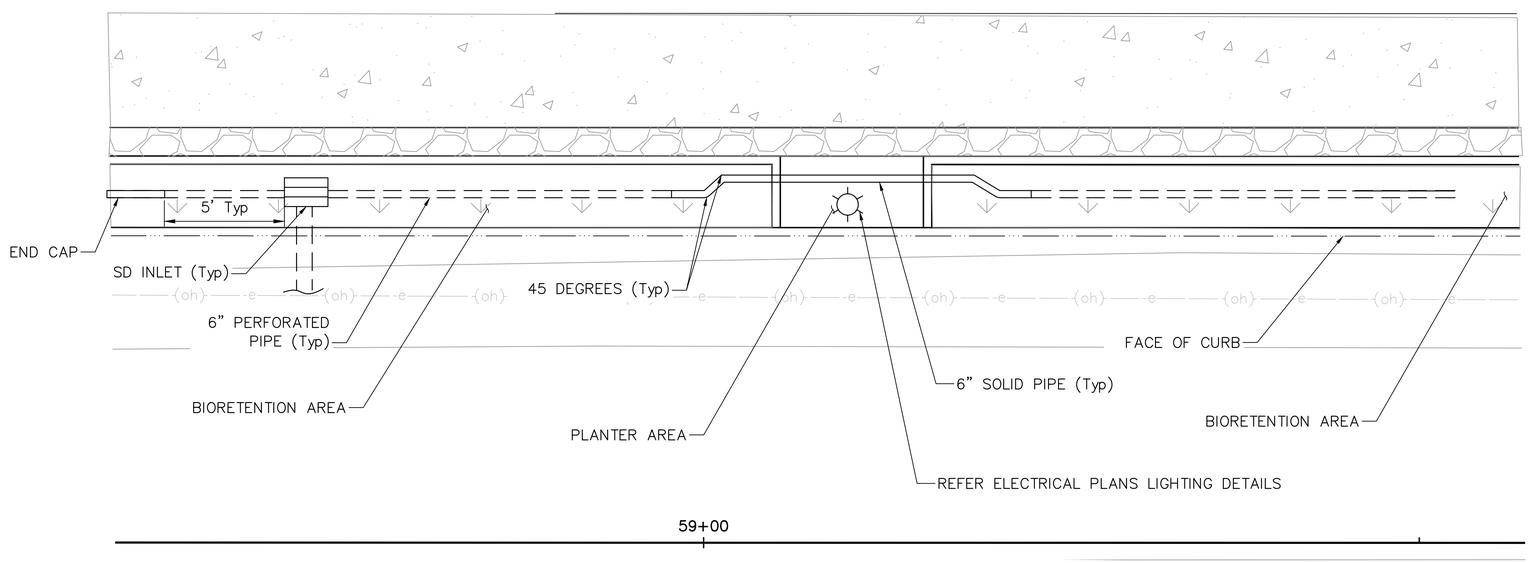


BIORETENTION FACILITY DETAIL

NTS

NOTES

1. ADDITIONAL DESIGN GUIDANCE PROVIDED IN BIORETENTION FACILITY FIGURE 4.1 & 4.2 OF THE BASMAA POST–CONSTRUCTION MANUAL.
2. OVERFLOW STRUCTURE REQUIRED FOR IN–LINE SYSTEMS WITHOUT OVERFLOW BYPASS.
3. PROVIDE SPOT ELEVATIONS AT INLETS ON CIVIL PLANS (FE, OE, GIE, SIE).
4. EDGE CONDITION WILL VARY FOR NEW AND RETROFIT PROJECTS. CURB, WALL, AND SIDEWALK DETAILS MAY BE MODIFIED FOR PROJECT BY CIVIL AND GEOTECHNICAL ENGINEERS AND APPROVED BY THE PUBLIC WORKS DEPARTMENT.
5. PROVIDE CAPPED, THREADED PVC CLEANOUT FOR UDNERDRAIN, 6" MIN. DIA. WITH SWEEP BEND.
6. BIORETENTION SOIL MEDIA (BSM) SPECIFICATION PER BASMAA POST–CONSTRUCTION MANUAL.
7. PLANT SELECTION PER BASMAA POST–CONSTRUCTION MANUAL APPENDIX F–PLANT MATRIX.
8. MULCH (OPTIONAL) PER BASMAA POST–CONSTRUCTION MANUAL APPENDIX F–PLANT MATRIX.
9. LOCATE ENERGY DISSIPATION COBBLE PADS AS SPECIFIED IN INLET DETAILS – AVOID DECORATIVE USE.
10. SCARIFY SUBGRADE BEFORE INSTALLING BIORETENTION AREA AGGREGATE AND BSM.
11. FACILITY EXCAVATION TO ALLOW FOR SPECIFIED SOIL AND MULCH DEPTHS TO ACHIEVE FINISHED ELEVATIONS ON CIVIL PLANS.
12. INTALL UNDERDRAIN WITH HOLES FACING DOWN. UNDERDRAIN DISCHARGE ELEVATION SHALL BE NEAR TOP OF AGGREGATE LAYER. UNDERDRAIN SLOPE MAY BE FLAT.
13. COMPACT EACH 6" LIFT OF BSM WITH LANDSCAPE ROLLER OR BY LIGHTLY WETTING. IF WETTING, LET DRY OVERNIGHT BEFORE PLANTING.
14. DO NOT WORK WITHIN BIORETENTION AREA DURING RAIN OR UNDER WET CONDITIONS.
15. KEEP HEAVY MACHINERY OUTSIDE BIORETENTION AREA LIMITS.
16. FOR BIORETENTION FACILITIES BETWEEN STA "G" 33+80.91 TO 42+19.30 COAC TYPE "A" CURB AND GUTTER (Mod) EXTENDS ONLY INTO BSM MEDIA TO PROTECT EXISTING GAS LINE.



BIORETENTION FACILITY DETAIL AT ELECTRIC POLE LOCATION

NTS

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING
CONSTRUCTION DETAILS

DESIGNED BY: AKM
DRAWN BY: JW
CHECKED BY: JPJ
SCALE: --
PROJECT NO. A48–100
DRAWING NO. CD-3
37 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
CD–3

Plot Scale=Monday, February 8, 2021 10:07:10 AM
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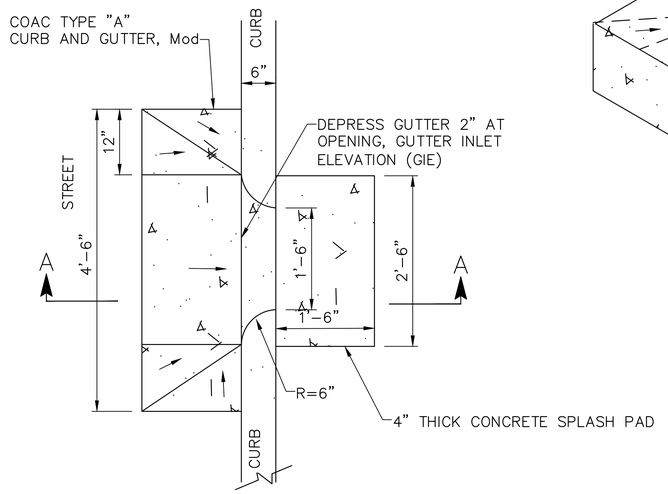
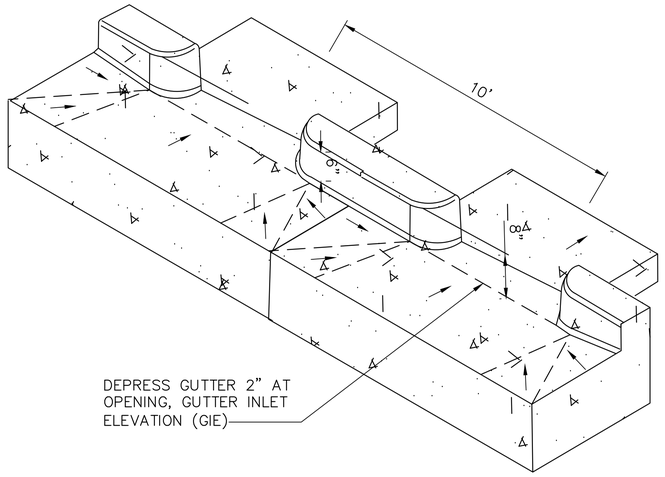
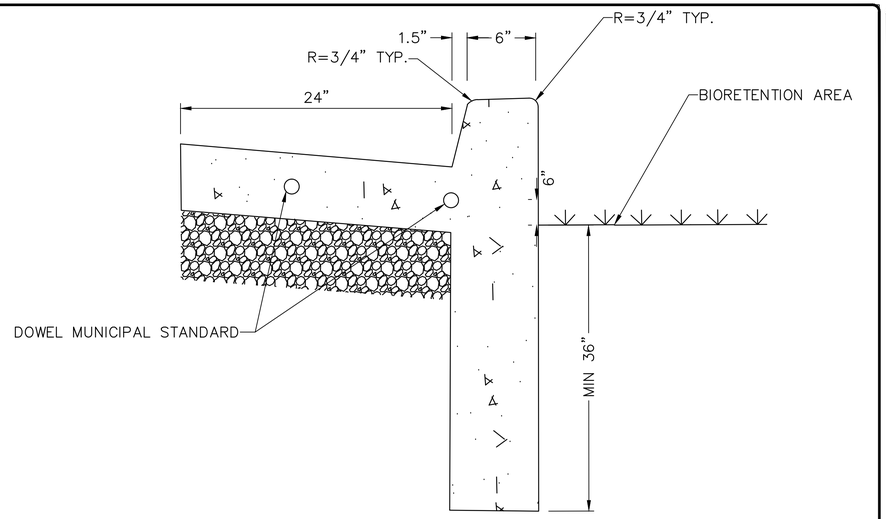


PLAN VIEW
NTS



PERSPECTIVE VIEW
NTS



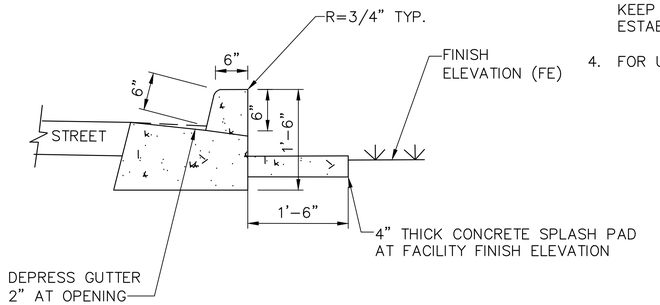
COAC TYPE "A" CURB AND GUTTER Mod.
NTS

NOTES:

1. SPECIAL DESIGN CONSIDERATION OR STRUCTURAL REVIEW MAY BE REQUIRED FOR LONGER PLANTER WALL SPANS. STEEL REINFORCEMENT OR ADDITIONAL CONCRETE CHECK DAMS MAY BE NEEDED FOR STABILITY.
2. EDGE CONDITION WILL VARY FOR NEW AND RETROFIT PROJECTS. CURB, GUTTER AND WALL DETAILS MAY BE MODIFIED BY CIVIL AND GEOTECHNICAL ENGINEERS AND APPROVED BY PUBLIC WORKS DEPARTMENT. NOTE THAT 24" GUTTER PROVIDES GREATER CURB STABILITY.
3. CONCRETE AND EXPANSION JOINTS SHALL MEET THE REQUIREMENTS OF THE CITY OF AMERICAN CANYON.
4. FINISH EXPOSED CONCRETE SURFACES.

NOTES

1. PROVIDE SPOT ELEVATIONS ON PLANS (FE, OE, GIE, IE).
2. CURB AND WALL DETAILS MAY BE MODIFIED BY CIVIL AND GEOTECHNICAL ENGINEERS AND APPROVED BY PUBLIC WORKS DEPARTMENT.
3. AFTER CONSTRUCTION PLACE SAND BAGS AT GUTTER OPENINGS TO KEEP STORM FLOWS FROM ENTERING FACILITY UNTIL VEGETATION IS ESTABLISHED.
4. FOR USE WITH COAC TYPE "A" AND TYPE "C" Mod. CURB.



SECTION A-A
NTS

CURB CUT INLET BIORETENTION FACILITY
NTS

COAC TYPE "C" CURB Mod
NTS

NOTES:

1. SPECIAL DESIGN CONSIDERATION OR STRUCTURAL REVIEW MAY BE REQUIRED FOR LONGER PLANTER WALL SPANS. STEEL REINFORCEMENT OR ADDITIONAL CONCRETE CHECK DAMS MAY BE NEEDED FOR STABILITY.
2. WHEN SIDEWALK DRAINS TO PLANTER, PROVIDE 6" WIDE NOTCH OPENING, 1" BELOW SIDEWALK, SLOPED TO FACILITY, PER STREET BIORETENTION FACILITY DETAILS, SPACE OPENINGS TO CONVEY FLOWS, PROVIDE MINIMUM 2" COVER BETWEEN DRAINAGE NOTCH OPENING AND DOWELS.
3. CONCRETE AND EXPANSION JOINTS SHALL MEET THE REQUIREMENTS OF THE CITY OF AMERICAN CANYON.
4. FINISH EXPOSED CONCRETE SURFACES.

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING
CONSTRUCTION DETAILS

DESIGNED BY:	AKM
DRAWN BY:	SN
CHECKED BY:	JPJ
SCALE:	--
PROJECT NO.	A48-100
DRAWING NO.	CD-4

38 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
CD-4

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Plot Scale=1" = 1'-0"
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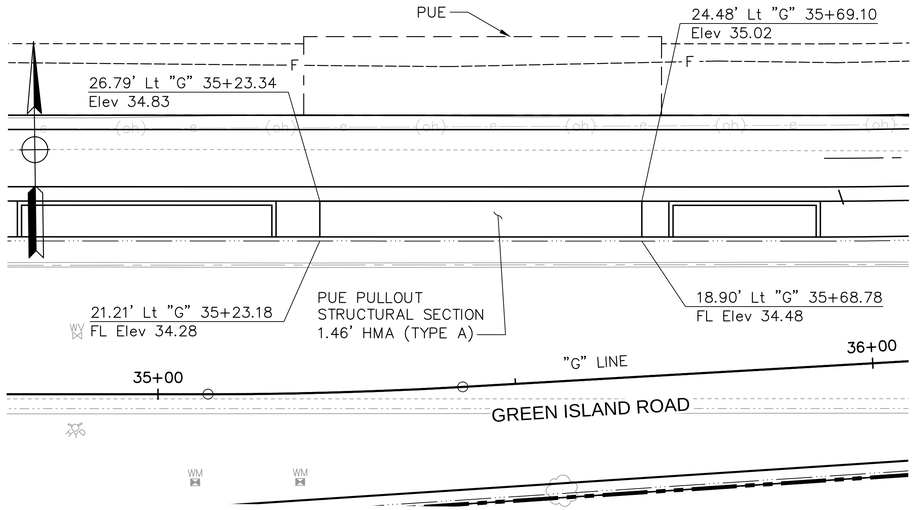
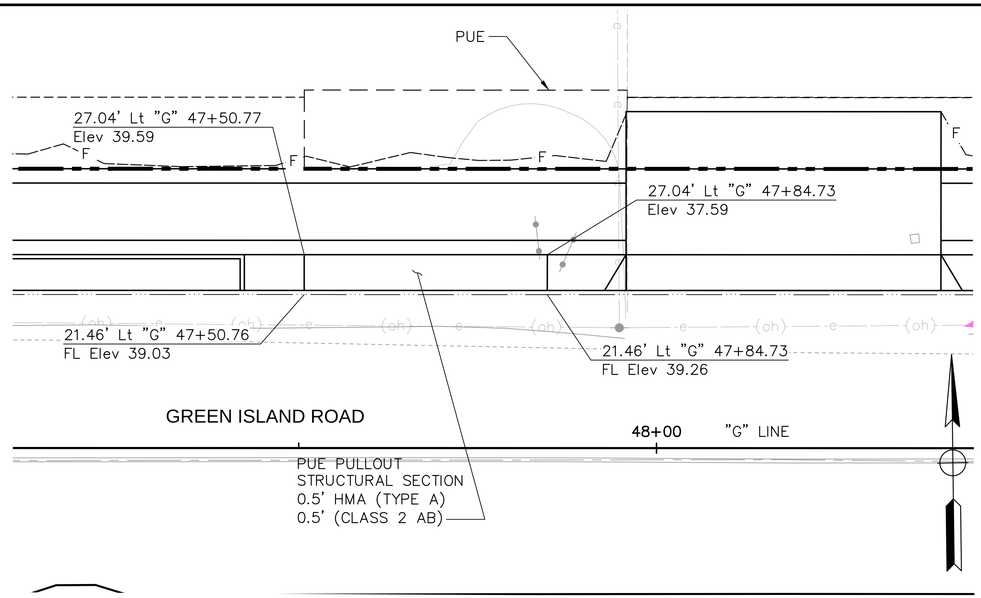


PUE PULLOUT

SCALE: 1" = 10'

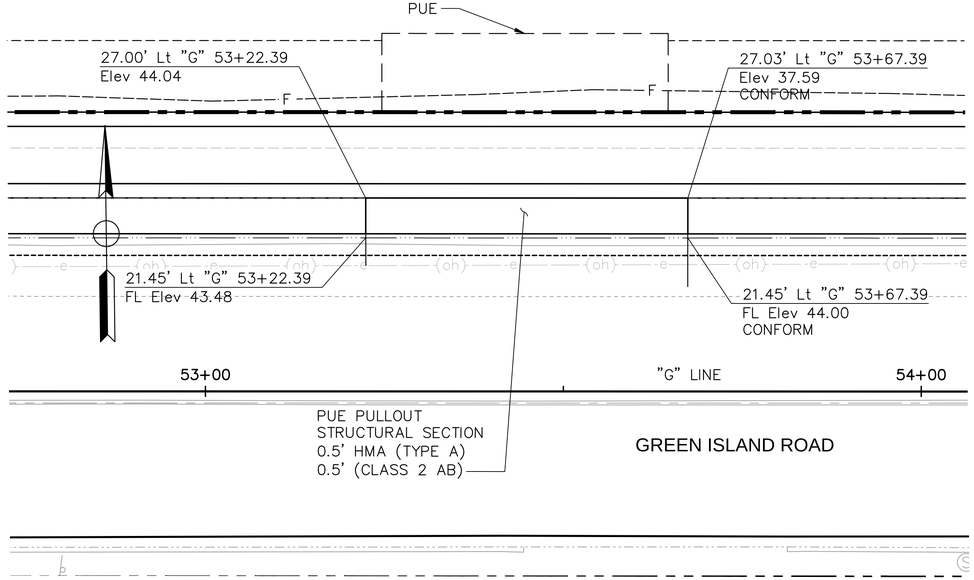
1 CD-5



PUE PULLOUT

SCALE: 1" = 10'

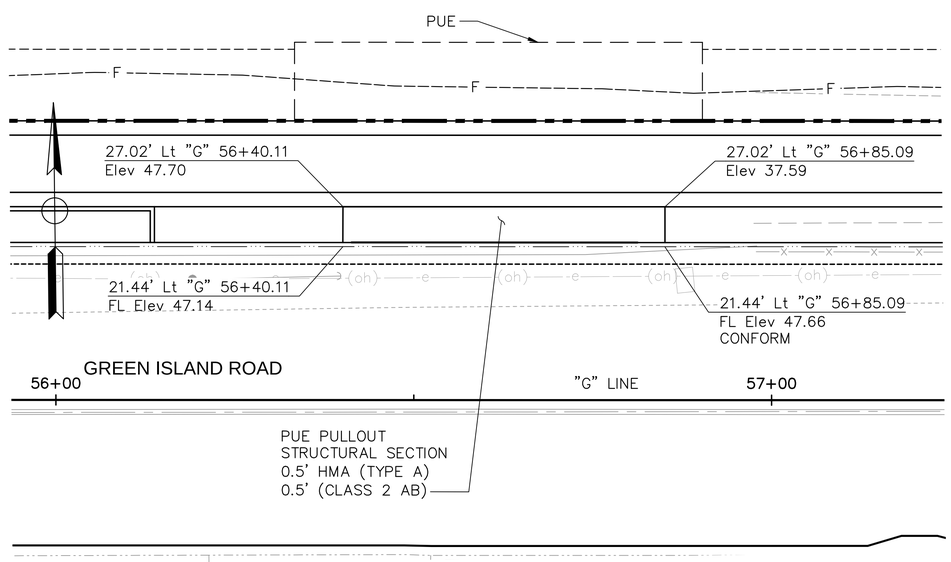
2 CD-5



PUE PULLOUT

SCALE: 1" = 10'

3 CD-5



PUE PULLOUT

SCALE: 1" = 10'

4 CD-5

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

CONSTRUCTION DETAILS

DESIGNED BY: AKM
DRAWN BY: SN
CHECKED BY: JPJ
SCALE: --
PROJECT NO. A48-100
DRAWING NO. CD-5
39 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
CD-5 GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 10:08:03 AM
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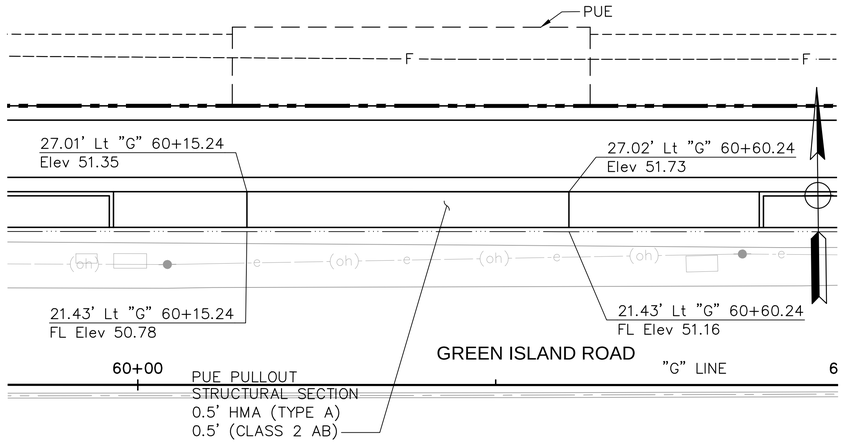
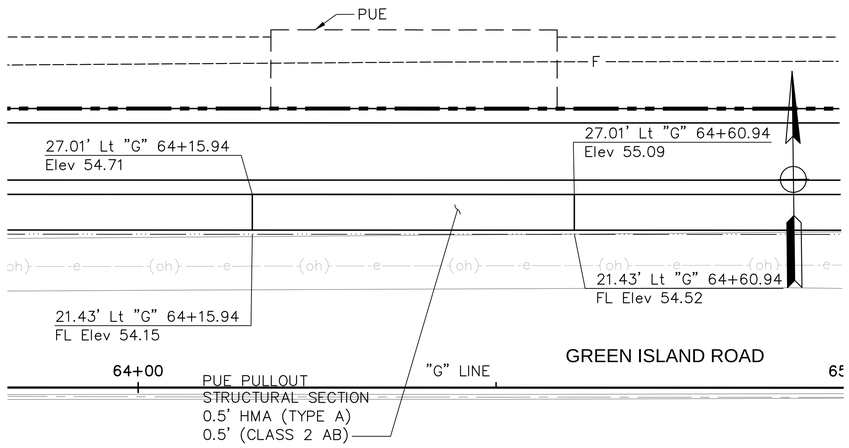


PUE PULLOUT

SCALE: 1" = 10'

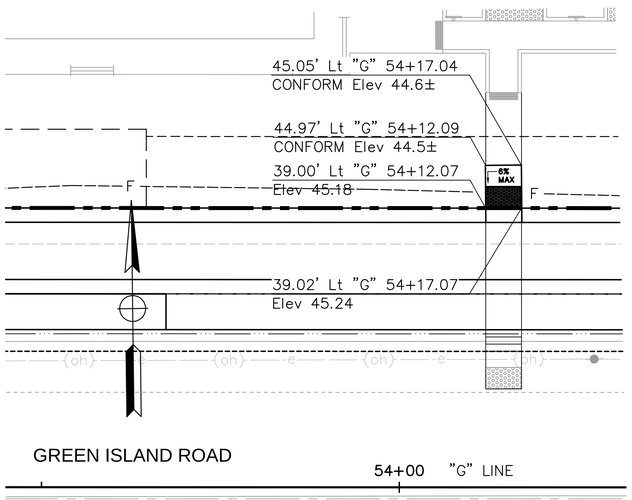
5 / CD-6



PUE PULLOUT

SCALE: 1" = 10'

6 / CD-6



PATH CONFORM DETAIL

SCALE: 1" = 10'

7 / CD-6

Plot Scale=1" = 1'-0"
Plot Date/Time=Monday, February 8, 2021 10:09:39 AM
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REVISION	DESCRIPTION	DATE	APPROVED

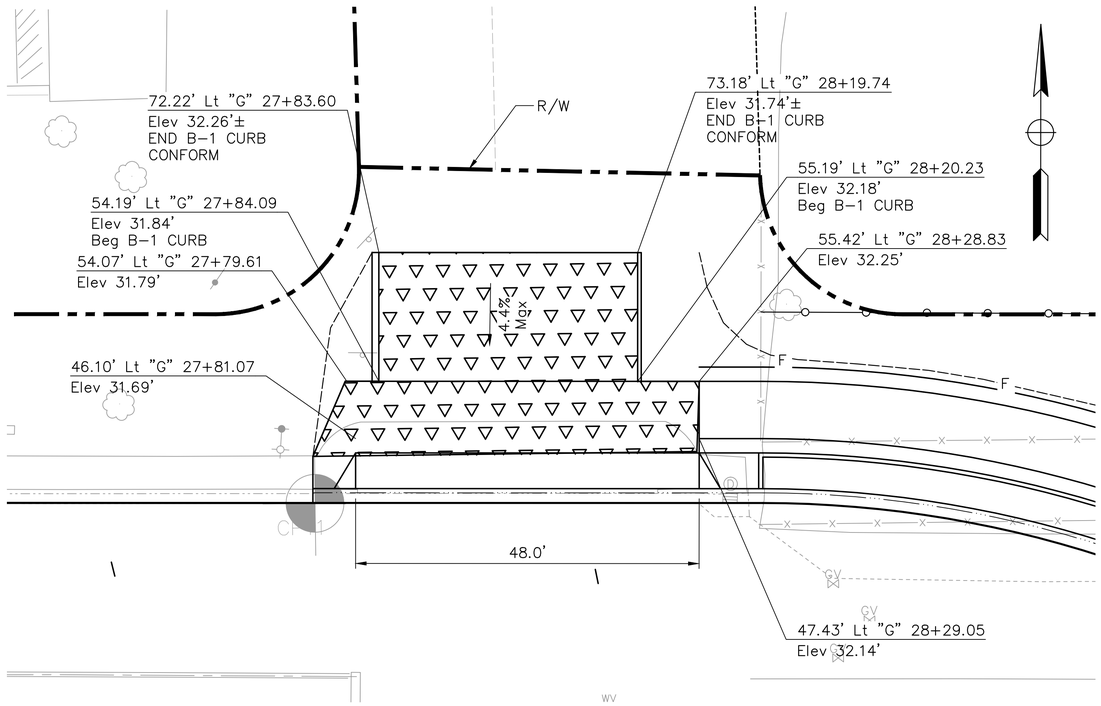
CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING
....

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**CD-6**

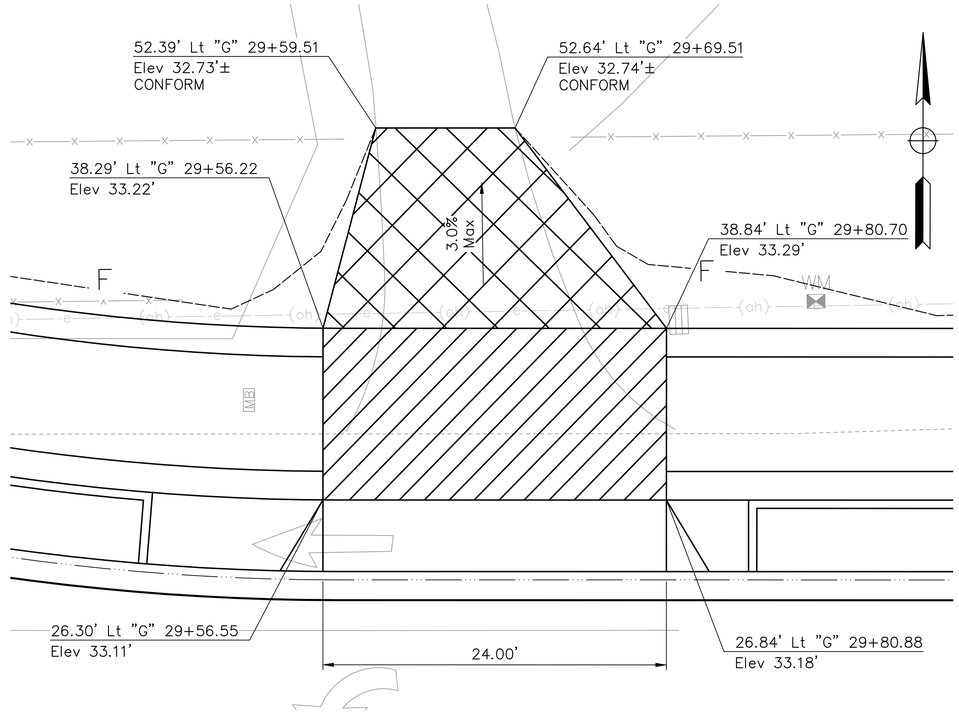
40 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
CD-6 GREEN ISLAND RD WIDENING



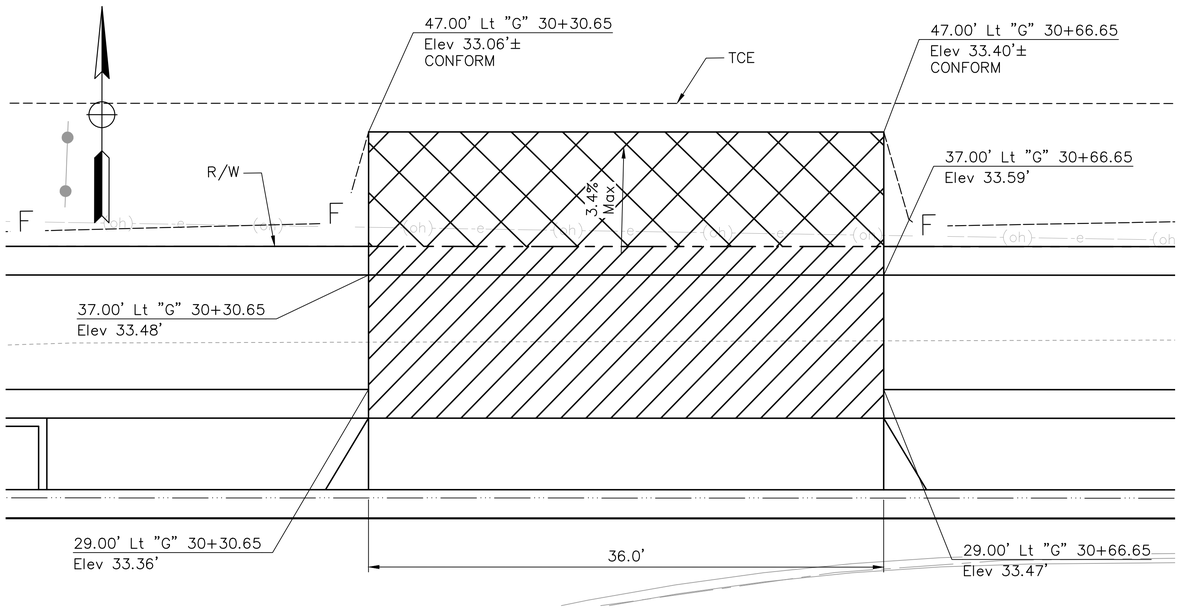
DRIVEWAY A (APN 058-330-011) 1 / CD-7
COMMERCIAL CURB CUT

SCALE: 1" = 10'



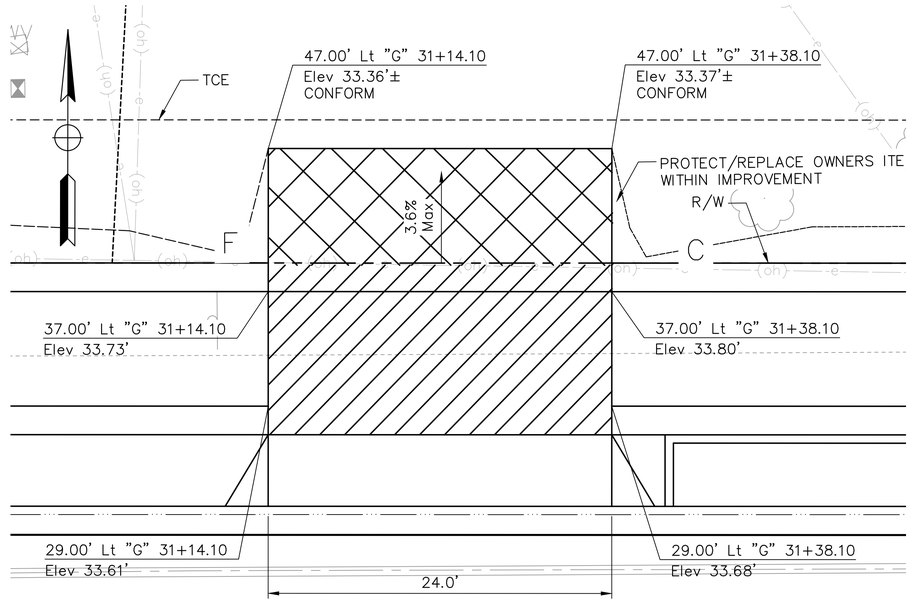
DRIVEWAY B (APN 058-330-009) 2 / CD-7
RESIDENTIAL CURB CUT

SCALE: 1" = 5'



DRIVEWAY C (APN 058-330-004) 3 / CD-7
COMMERCIAL CURB CUT

SCALE: 1" = 5'



DRIVEWAY D (APN 058-330-006) 4 / CD-7
COMMERCIAL CURB CUT

SCALE: 1" = 5'

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

CITY OF AMERICAN CANYON
INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**CD-7**

41 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
CD-7

Plot Date/Monday, February 8, 2021 10:33:07 AM
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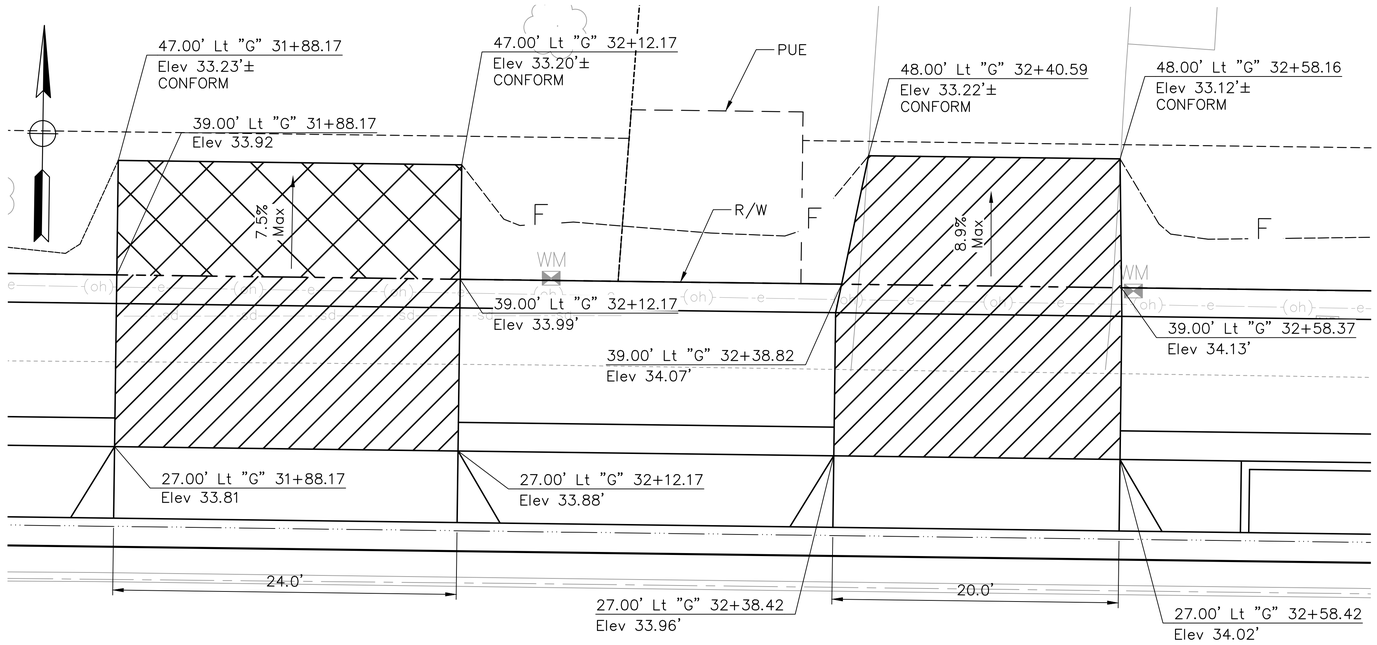
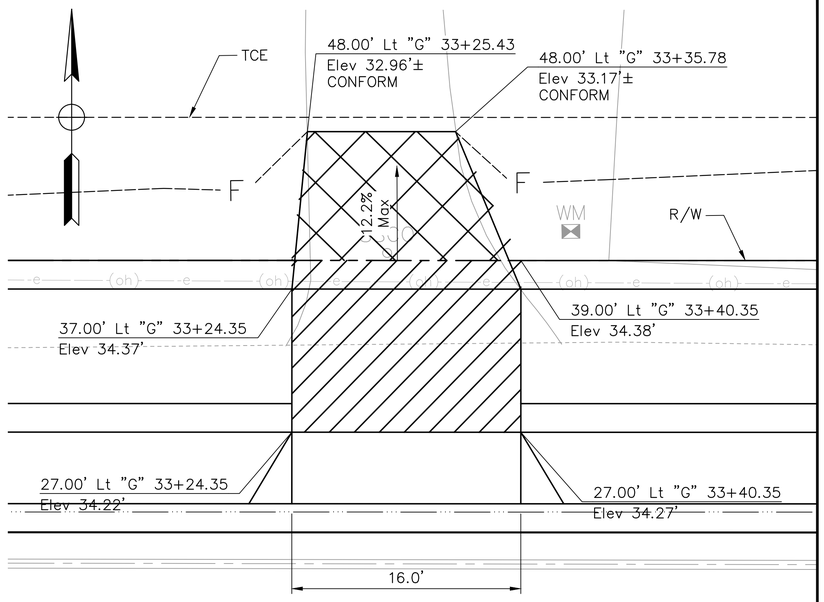


DRIVEWAY E (APN 058–330–006) / DRIVEWAY F (APN 058–330–007) COMMERCIAL CURB CUTS

1 / CD-8

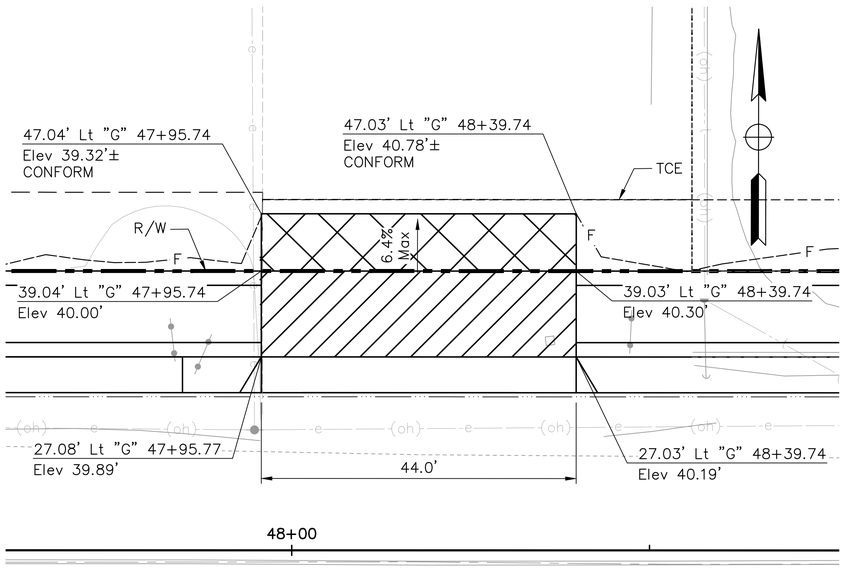
SCALE: 1" = 5'



DRIVEWAY G (APN 058–330–007) RESIDENTIAL CURB CUT

2 / CD-8

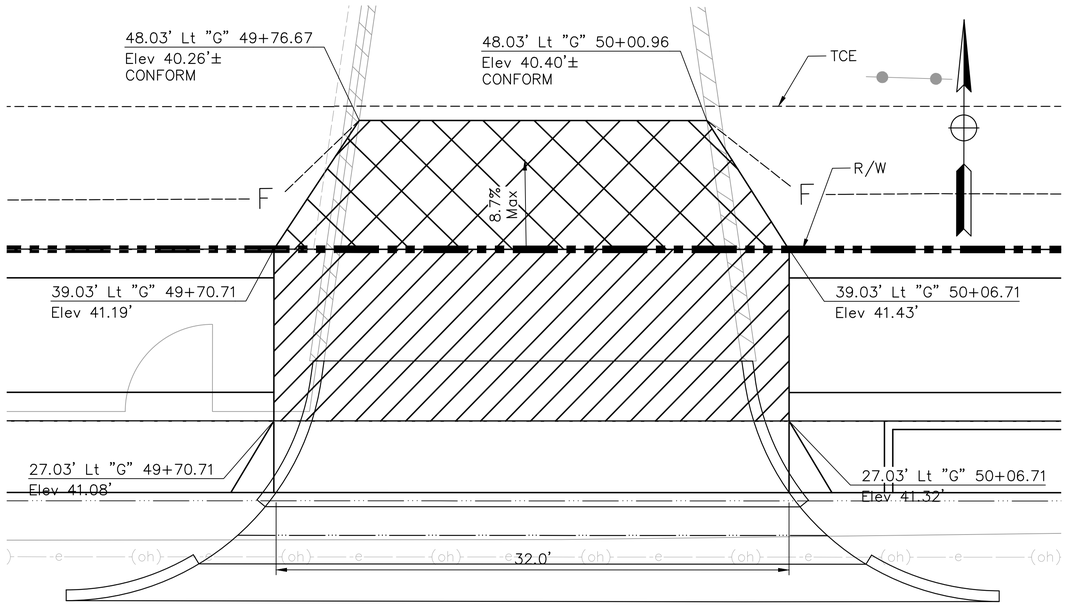
SCALE: 1" = 5'



DRIVEWAY H (APN 057–130–001) COMMERCIAL CURB CUT

3 / CD-8

SCALE: 1" = 10'



DRIVEWAY I (APN 057–130–035) COMMERCIAL CURB CUT

1 / CD-8

SCALE: 1" = 5'

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

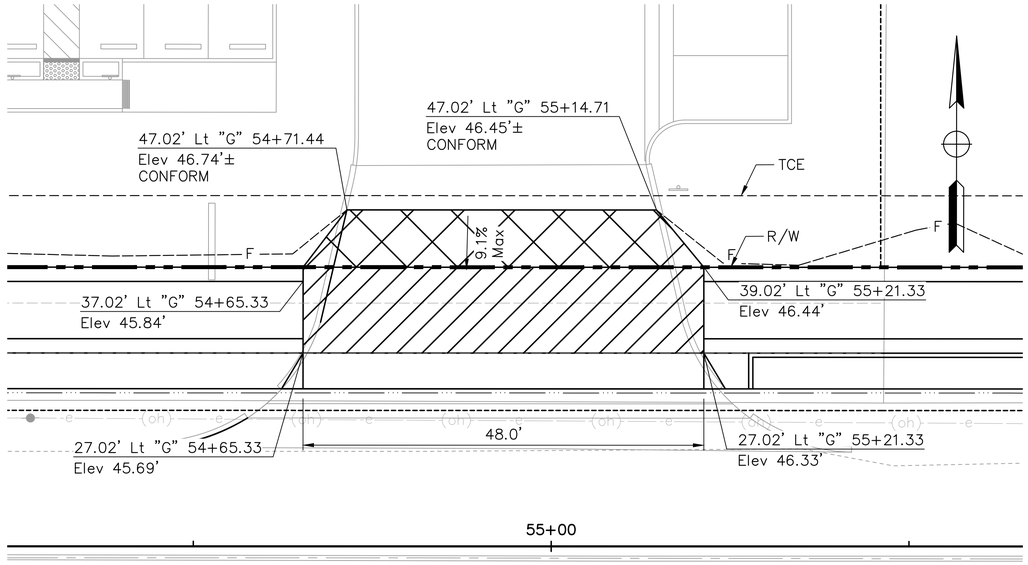
PROJECT:
GREEN ISLAND RD WIDENING
CONSTRUCTION DETAILS

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: --
PROJECT NO. A48–100
DRAWING NO. CD-8

42 OF 148 SHEETS

ORIGINAL SCALE: 1" 0 1 2 3 4 INCHES
CD–8 GREEN ISLAND RD WIDENING

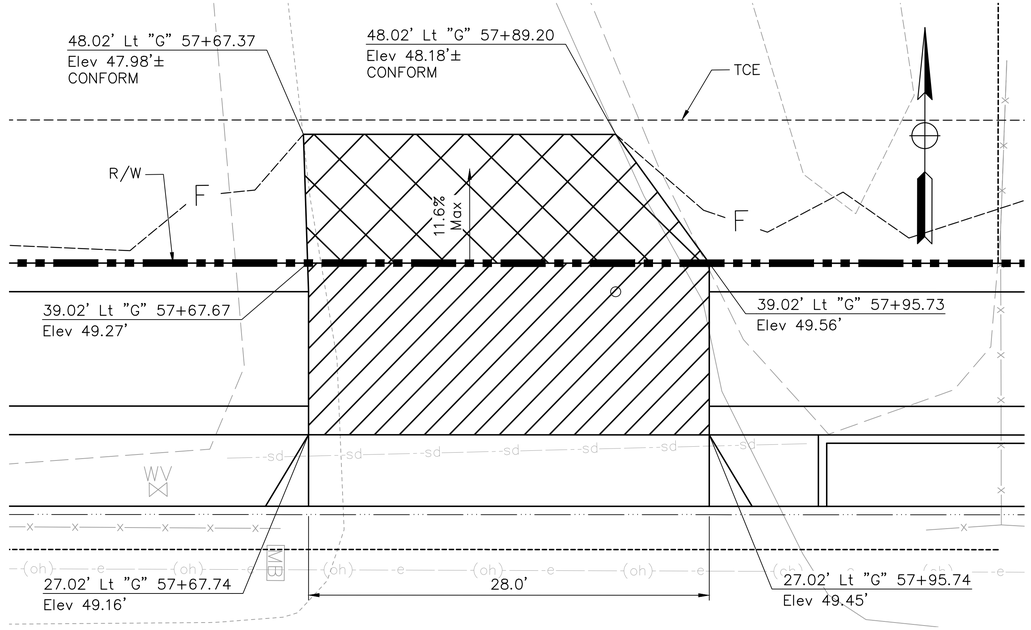
Plot Scale=1" = 1'-0"
Plot Date/Time=Monday, February 8, 2021 10:33:50 AM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD Files\A48200rpd002.dwg



DRIVEWAY J (APN 057–130–035) COMMERCIAL CURB CUT

1 / CD–9

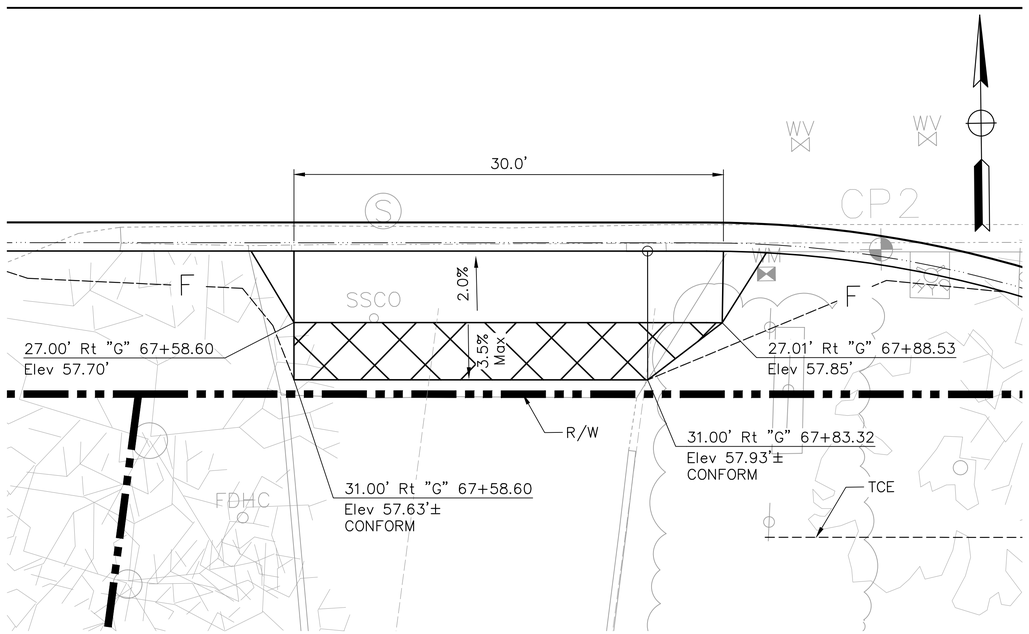
SCALE: 1" = 10'



DRIVEWAY K (APN 57–130–004) COMMERCIAL CURB CUT

2 / CD–9

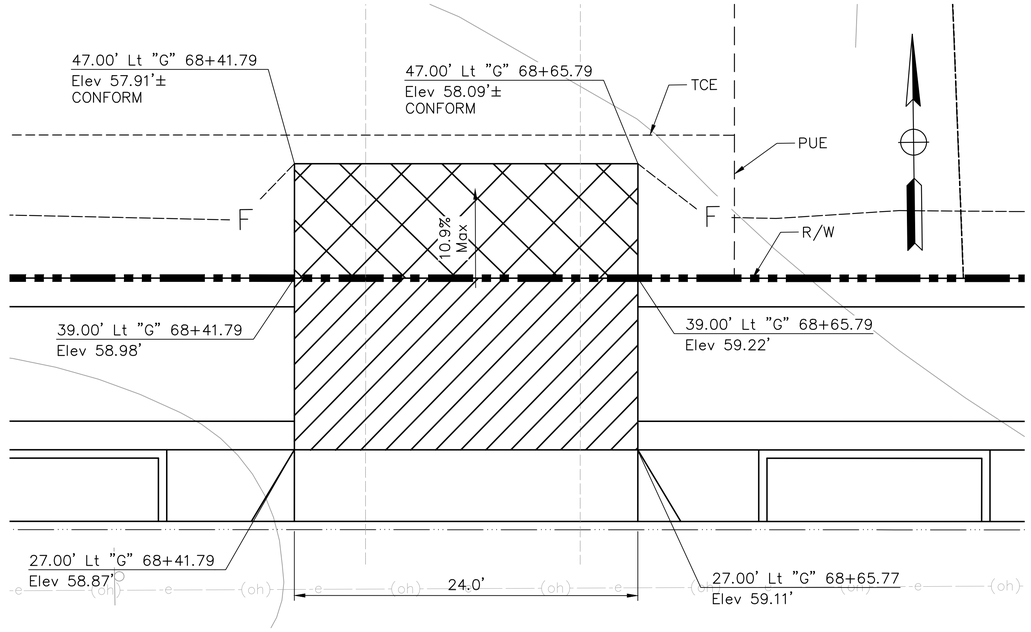
SCALE: 1" = 5'



DRIVEWAY L (APN 057–160–024) COMMERCIAL CURB CUT

3 / CD–9

SCALE: 1" = 5'



DRIVEWAY M (APN 057–130–029) COMMERCIAL CURB CUT

4 / CD–9

SCALE: 1" = 5'

DATE | APPROVED | DESCRIPTION | REVISION

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CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT: GREEN ISLAND RD WIDENING

CONSTRUCTION DETAILS

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: --
PROJECT NO. A48–100
DRAWING NO. CD-9

43 OF 148 SHEETS

CD–9 ORIGINAL SCALE: 0 1 3 1 2 1 INCHES GREEN ISLAND RD WIDENING

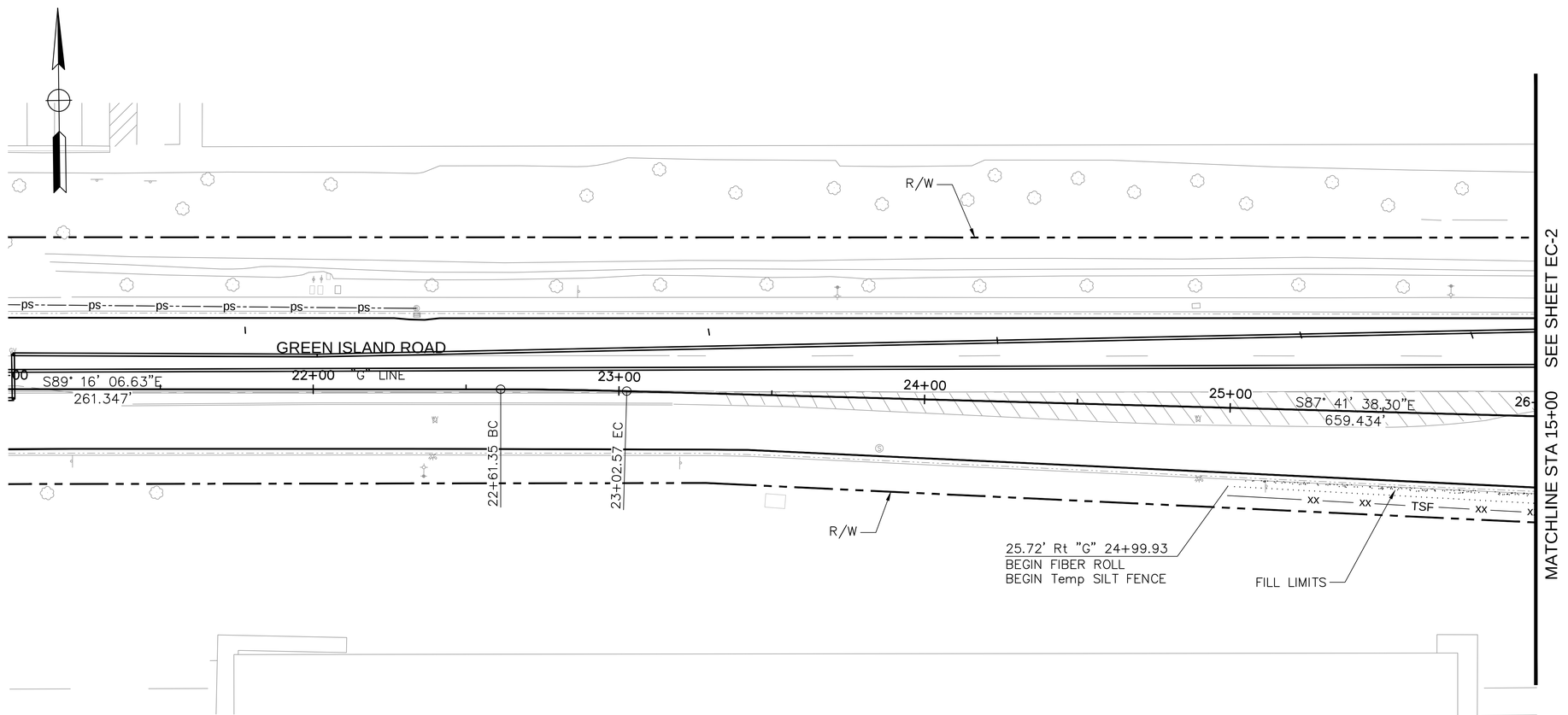
Plot Scale=1" = 1'-0"
Plot Scale/Monday, February 8, 2021 10:34:33 AM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200rgp002.dwg

NOTE:

1. THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY.
2. ALL FIBER ROLL AND TEMPORARY SILT FENCE SHALL BE PLACED AT THE TOP OF CUT AND TOE OF FILL
3. PROVIDE TEMPORARY DRAINAGE INLET PROTECTION ON ALL EXISTING AND PROPOSED INLETS.

LEGEND:

- EROSION CONTROL (HYDROSEED)
- xx xx TSF — TEMPORARY SILT FENCE
- ..... FIBER ROLL
- TEMPORARY DRAINAGE INLET PROTECTION



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
CALIFORNIA
ENGINEERING DIVISION
PUBLIC WORKS

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	EC-1

44 OF 148 SHEETS

EC–1 GREEN ISLAND RD WIDENING
ORIGINAL SCALE: 0 1 2 3 4 INCHES

Plot Scale=Monday, February 8, 2021 10:35:58 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CADD Files\A48200grih001.dwg

Plot Scale=Monday, February 8, 2021 10:37:55 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200grid002.dwg

MATCHLINE STA BEGIN SEE SHEET EC-1

MATCHLINE STA 15+00 SEE SHEET EC-3

73.72' Lt "G" 28+32.19
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

72.97' Lt "G" 27+77.48
END FIBER ROLL
END Temp SILT FENCE

43.57' Lt "G" 27+72.11
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

53.70' Lt "G" 29+72.42
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

53.14' Lt "G" 29+56.61
END FIBER ROLL
END Temp SILT FENCE

46.83' Lt "G" 30+68.08
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

46.94' Lt "G" 30+28.82
END FIBER ROLL
END Temp SILT FENCE

47.18' Lt "G" 31+39.12
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

47.01' Lt "G" 31+12.99
END FIBER ROLL
END Temp SILT FENCE

R/W

FILL LIMITS

TSF

TCE

CUT LIMITS

CUT LIMITS/
TCE

S87° 41' 38.30"E
659.434'

S89° 16' 06.63"E
503.952'

GREEN ISLAND ROAD

"G" LINE

"G" 28+09.30 =
"C" 300+00.00

COMMERCE BLVD

"C" LINE

29+62.00 BC

30+03.06 EC

25.28' Rt "C" 300+83.06
END FIBER ROLL
END Temp SILT FENCE

27.14' Lt "C" 300+75.10
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

27+00 28+00 29+00 30+00 31+00 301+00

REVISION	DESCRIPTION	APPROVED	DATE

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PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

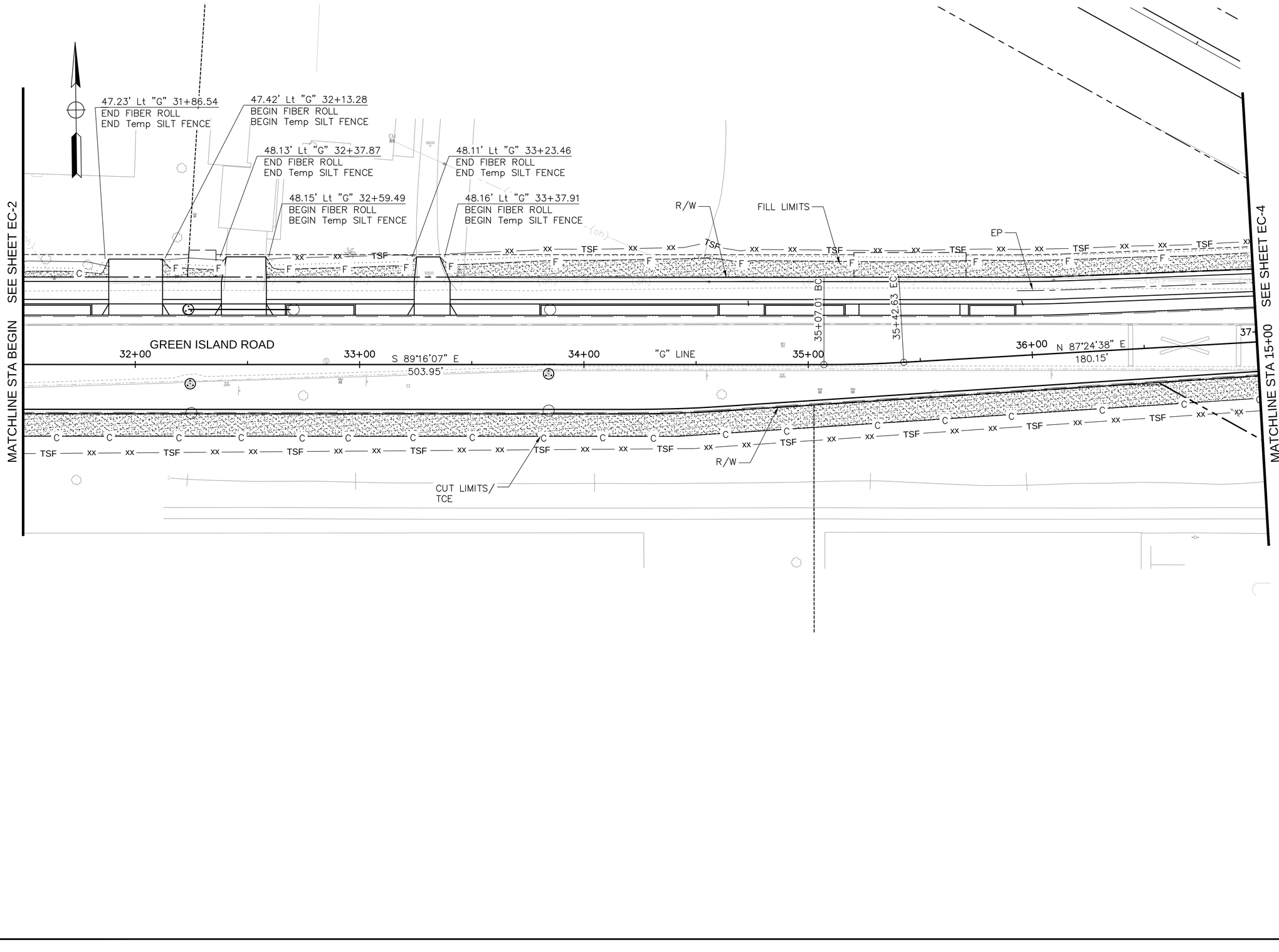
PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**EC-2**

45 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES
GREEN ISLAND RD WIDENING
EC-2



Plot Scale=Monday, February 8, 2021 10:39:17 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200rgh003.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**EC-3**

46 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' INCHES

EC–3 GREEN ISLAND RD WIDENING

Plot Scale=1" = 1'-0"
Plot Date/Time=Monday, February 8, 2021 10:40:39 AM
File Name and Location: S:\Client\American Canyon\V48-200 Green Island Road\300-Design\305 - CAD\ Files\V48200rgh004.dwg

MATCHLINE STA BEGIN SEE SHEET EC-3

MATCHLINE STA 15+00 SEE SHEET EC-5

112+00

113+00

114+00

115+00

116+00

117+

38+00

39+00

40+00

41+00

42+00

57.62' Lt "G" 38+24.85
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

36.49' Lt "G" 38+08.06
END FIBER ROLL
END Temp SILT FENCE

45.19' Lt "G" 42+47.03
END FIBER ROLL
END Temp SILT FENCE

FILL LIMITS

R/W

GREEN ISLAND ROAD

"G" LINE

S89° 16' 06.63"E
256.197'

N87° 34' 11.07"E
102.062'

S89° 16' 06.63"E
3340.712'

40+14.60 BC

40+48.51 EC

37+22.78 BC

37+58.40 EC

41+50.57 BC

41+84.48 EC

CUT LIMITS

17.70' Rt "G" 39+01.23
END FIBER ROLL
END Temp SILT FENCE

"G" 39+07.24 =
"U" 114+18.33

17.97' Rt "G" 39+60.40
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

21.44' Rt "G" 41+00.00
END FIBER ROLL
END Temp SILT FENCE

CFNR

"U" LINE

S60° 11' 25.69"E
5470.996'

TSF

xx

F

C L TCE

REVISION	DESCRIPTION	APPROVED	DATE

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PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

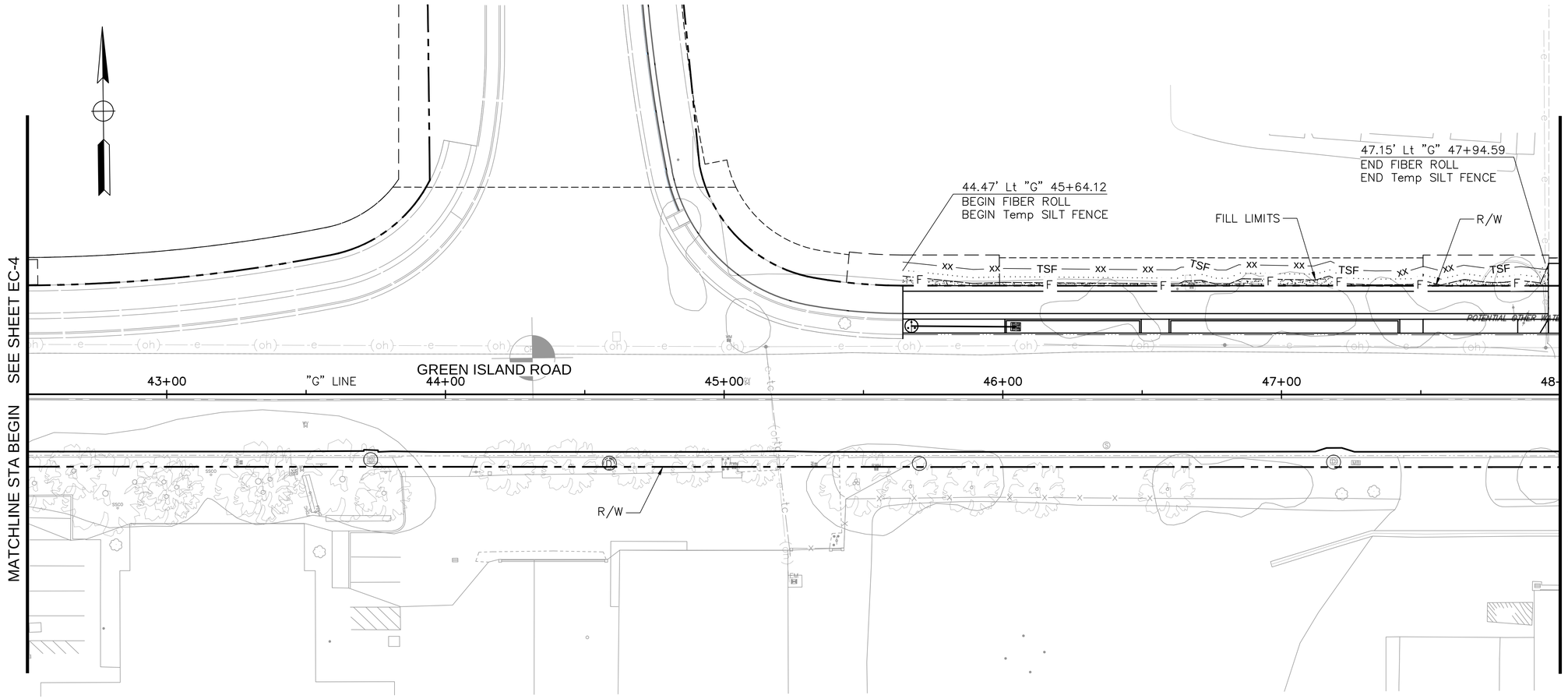
DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**EC-4**

47 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES

GREEN ISLAND RD WIDENING

EC-4



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	EC-5

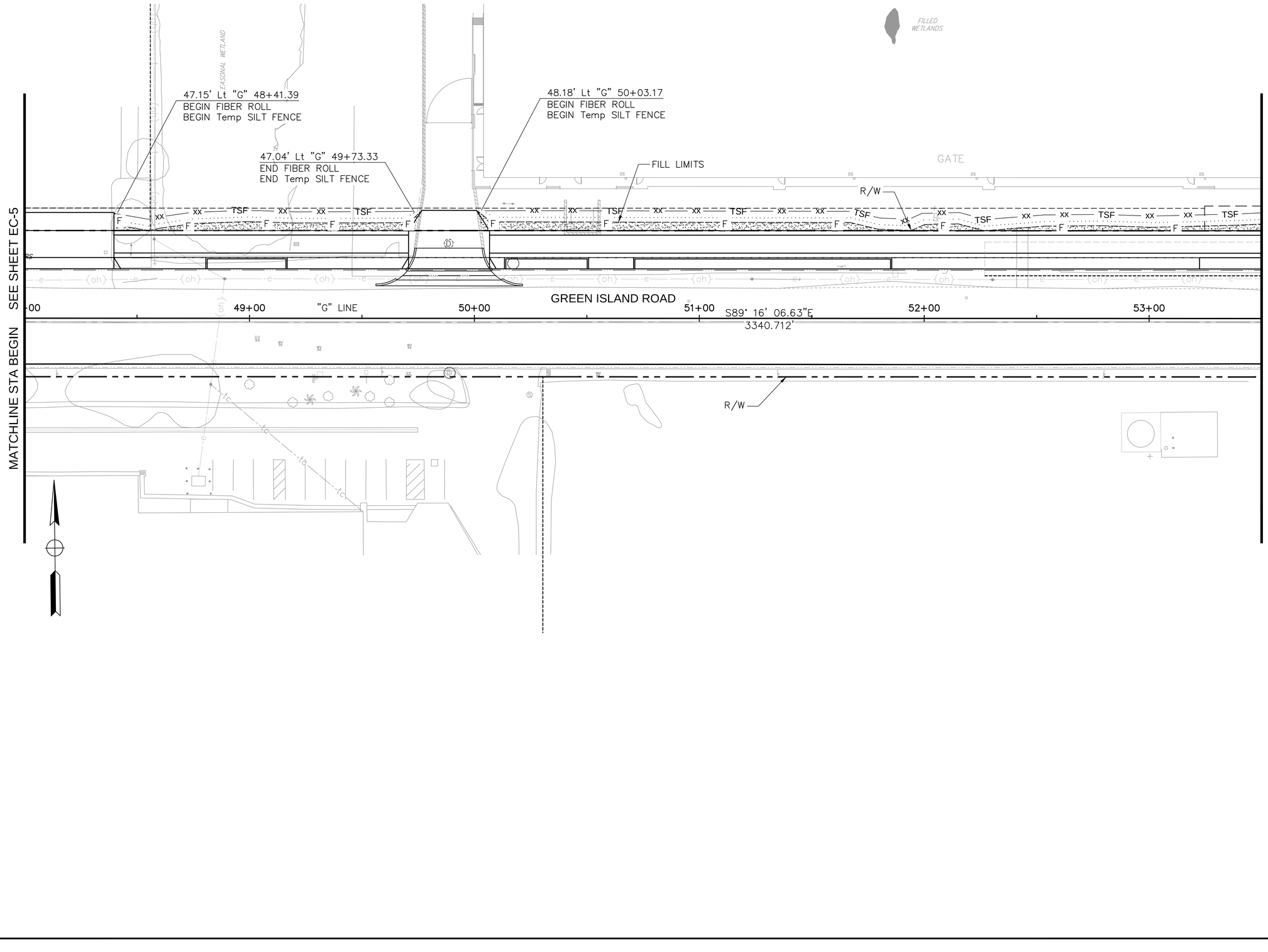
48 OF 148 SHEETS

EC-5 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 10:42:03 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200ghd02.dwg



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CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:

GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

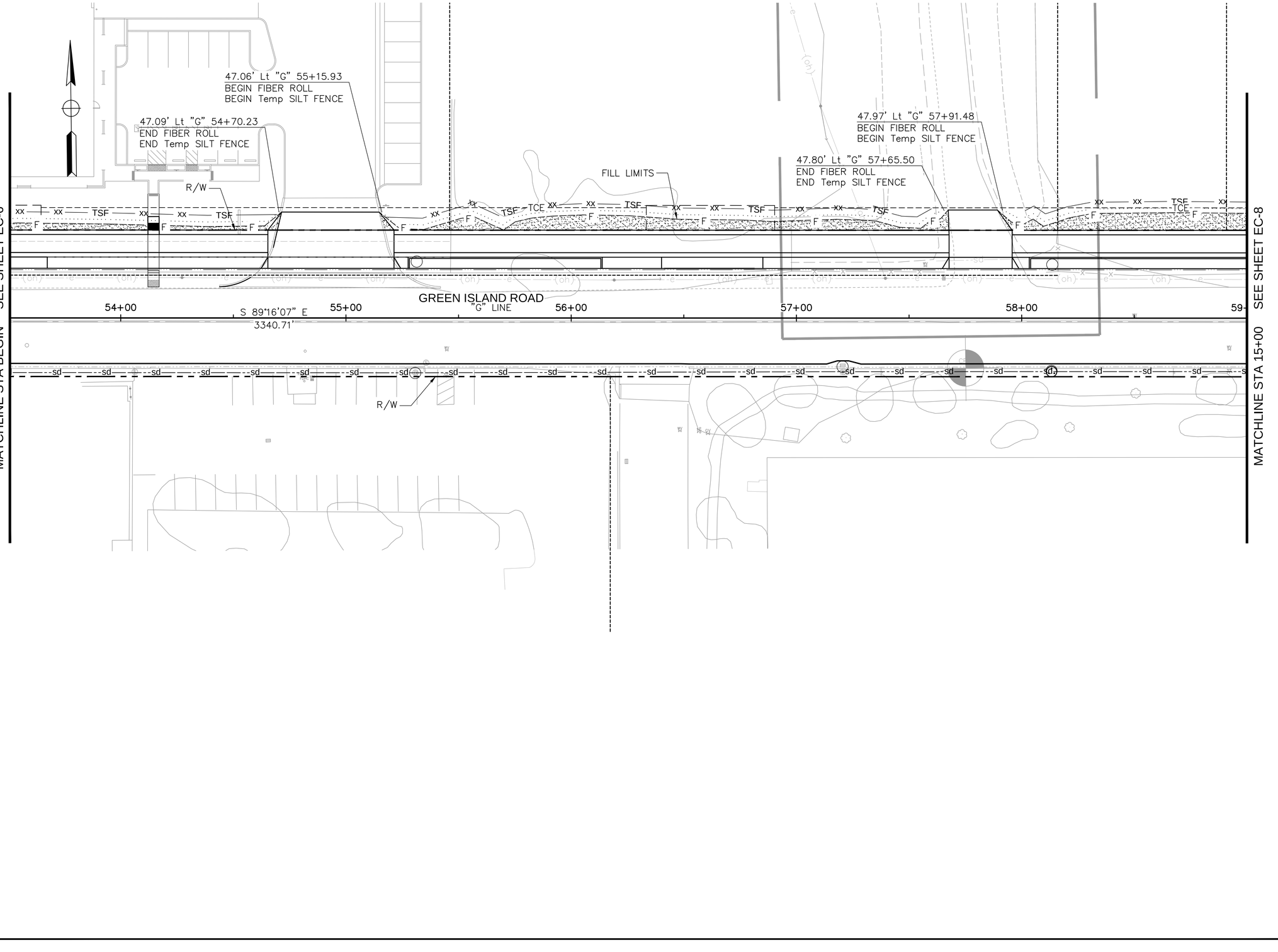
DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**EC-6**

49 OF 148 SHEETS

EC–6 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 10:43:27 AM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD Files\A48200rgn006.dwg

Plot Scale=1" = 1'-0"
Plot Date=Monday, February 8, 2021 10:44:50 AM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200rgn007.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

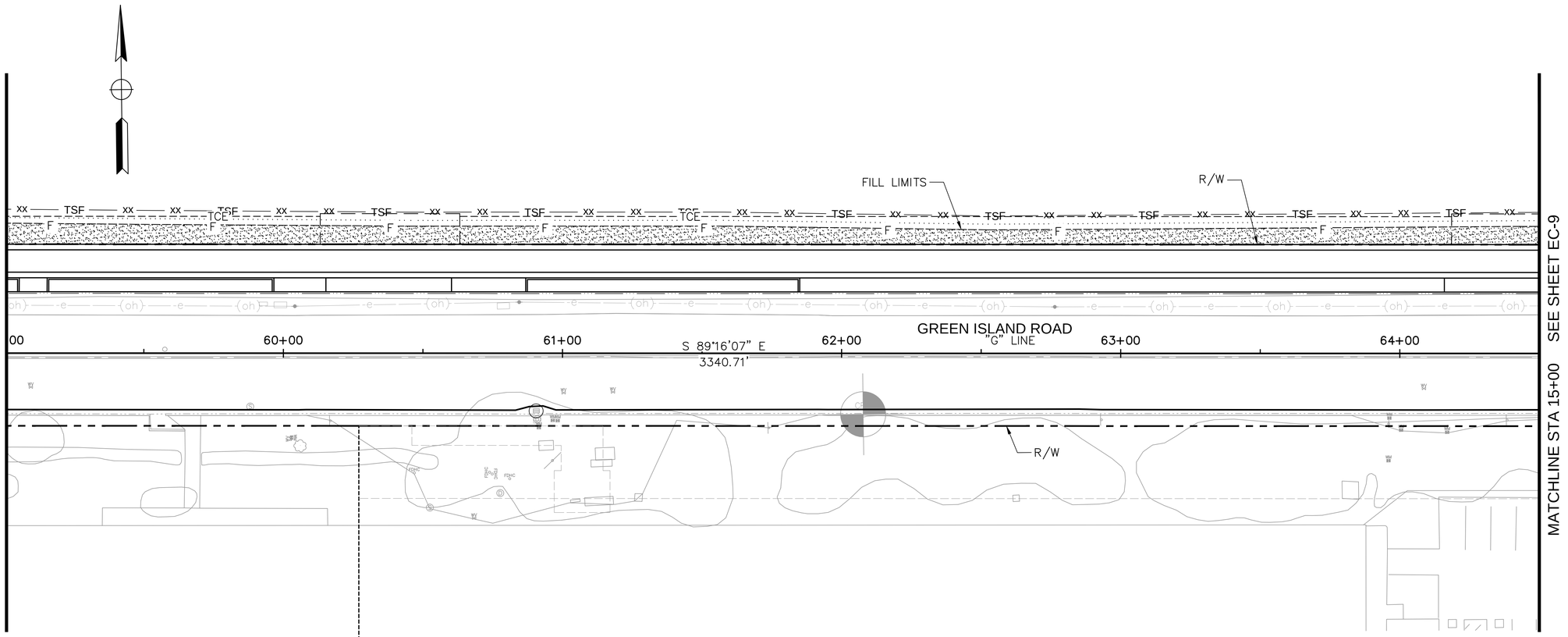
PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**EC-7**

50 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES
EC–7 GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 11:23:07 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200grd008.dwg

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PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
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American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:

GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**EC-8**

51 OF 148 SHEETS

EC–8 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=1" = 1'-0"
Plot Date/Time=Monday, February 8, 2021 11:24:30 AM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD Files\A48200grd009.dwg

MATCHLINE STA BEGIN SEE SHEET EC-8

MATCHLINE STA 15+00 SEE SHEET EC-10

GREEN ISLAND ROAD
"G" LINE
S 89°16'07" E
3340.71'

65+00 66+00 67+00 68+00 69+00 70+

ASPHALT

FILL LIMITS

R/W

TSE TSF TCE

CFNR

PILE

GATE

CUT LIMITS

46.75' Lt "G" 67+37.06
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

47.17' Lt "G" 67+26.44
END FIBER ROLL
END Temp SILT FENCE

44.51' Lt "G" 69+80.32
END FIBER ROLL
END Temp SILT FENCE

24.18' Lt "G" 69+84.77
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

23.33' Rt "G" 67+33.62
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

27.65' Rt "G" 67+57.67
END FIBER ROLL
END Temp SILT FENCE

26.90' Rt "G" 67+93.27
BEGIN FIBER ROLL
BEGIN Temp SILT FENCE

76.29' Rt "G" 69+96.00
END FIBER ROLL
END Temp SILT FENCE

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

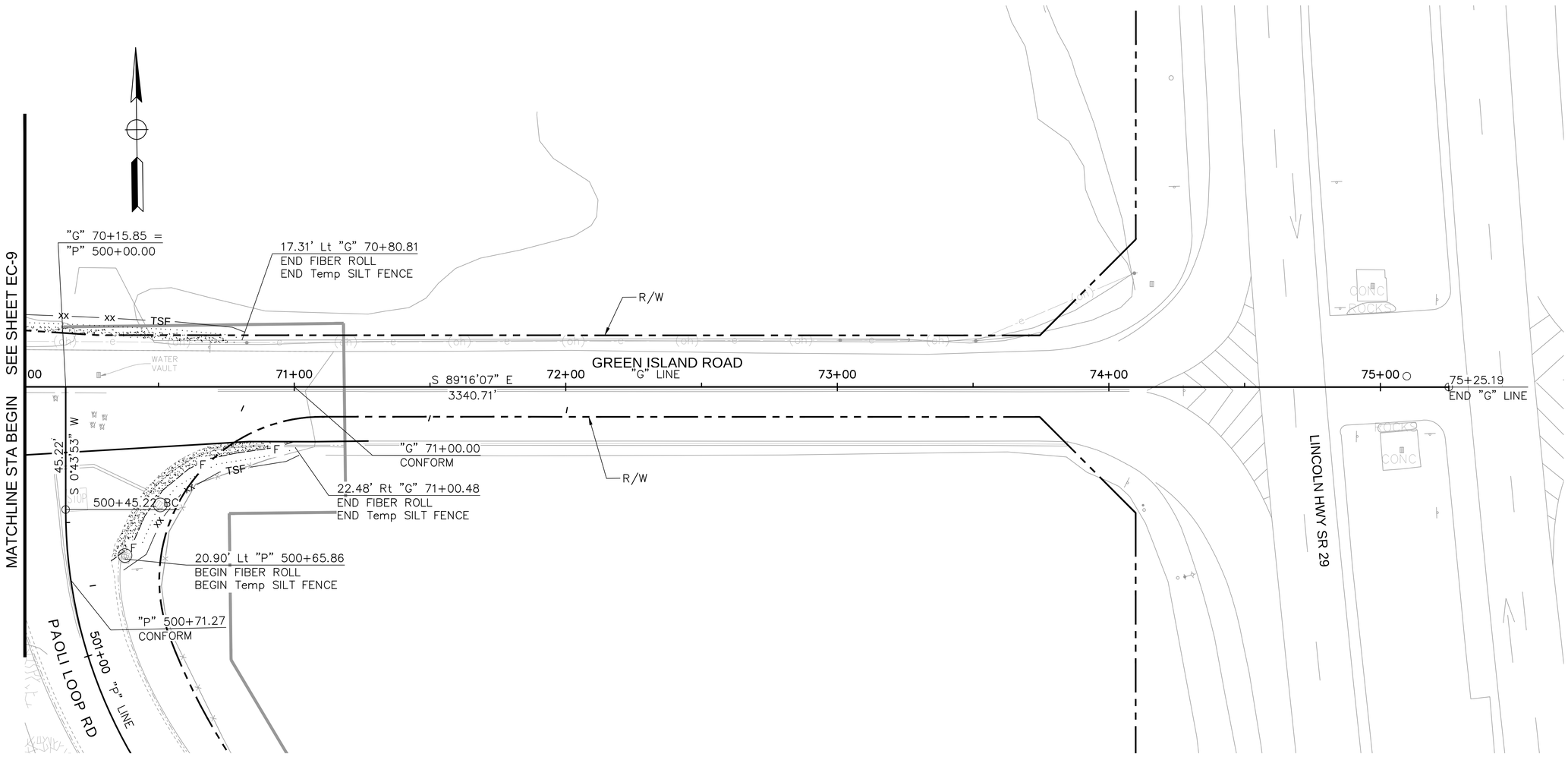
EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	EC-9

52 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES

EC-9 GREEN ISLAND RD WIDENING



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL PLAN

DESIGNED BY:	AKM
DRAWN BY:	BH
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**EC-10**

53 OF 148 SHEETS

EC–10 ORIGINAL SCALE: 1 INCHES 0 1 2 3 4 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 11:25:52 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\500 - CADD Files\A48200grd010.dwg

EROSION CONTROL QUANTITIES

STATION	LOCATION	TEMPORARY SLIT FENCE (LF)	FIBER ROLL (LF)	TEMPORARY DRAINAGE INLET PROTECTION (LF)	EROSION CONTROL(TYPE I) (SQFT)
"G" 27+69 TO 42+47	Lt	2371.35	2371.35		
"G" 45+64 TO 70+82	Lt	1307.25	1307.25		
"G" 25+04 TO 41+00	Rt	1563.65	1563.65		
"G" 67+28 TO 71+00	Rt	341.02	341.02		
"G" 27+69 TO 70+82	Lt				14537.26
"G" 25+04 TO 41+00	Rt				709.45
"G" 67+28 TO 71+00	Rt				9634.4
"J" 107+32	Rt			1	
"J" 103+88	Rt & Lt			2	
"J" 100+52	Rt & Lt			2	
"G" 20+33	Rt			1	
"G" 20+64	Lt			1	
"G" 19+33	Rt			1	
"G" 26+53	Rt			1	
"G" 28+35	Rt & Lt			2	
"G" 28+42	Lt			1	
"G" 31+46	Lt			1	
"G" 32+25	Rt & Lt			2	
"G" 32+70	Rt & Lt			2	
"G" 33+85	Rt & Lt			2	
"G" 40+22	Rt			1	
"G" 40+97	Rt			1	
"G" 41+52	Rt			1	
"G" 41+19	Lt			1	
"G" 43+73	Rt			1	
"G" 44+59	Rt			1	
"G" 45+70	Rt			1	
"G" 47+19	Rt			1	
"G" 49+21	Rt			1	
"G" 49+89	Rt			1	
"G" 50+17	Rt			1	
"G" 55+31	Rt & Lt			2	
"G" 58+13	Rt & Lt			2	
"G" 60+91	Rt			1	
"G" 67+53	Rt			1	
"G" 67+63	Lt			1	
"G" 69+82	Rt			1	
"G" 70+38	Rt			1	
"G" 70+50	Rt			1	
"M" 205+68	Rt & Lt			2	
"M" 208+01	Lt			1	
"M" 209+70	Rt			1	
"M" 210+05	Rt			1	
"C" 304+86	Lt			1	
"C" 310+58	Rt & Lt			2	
"C" 311+23	Lt			1	
"H" 400+73	Rt & Lt			2	
"H" 408+21	Rt & Lt			2	
"H" 412+63	Rt & Lt			2	
TOTAL		5583.27	5583.27	55	24881.11

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REVISION | DESCRIPTION | APPROVED | DATE

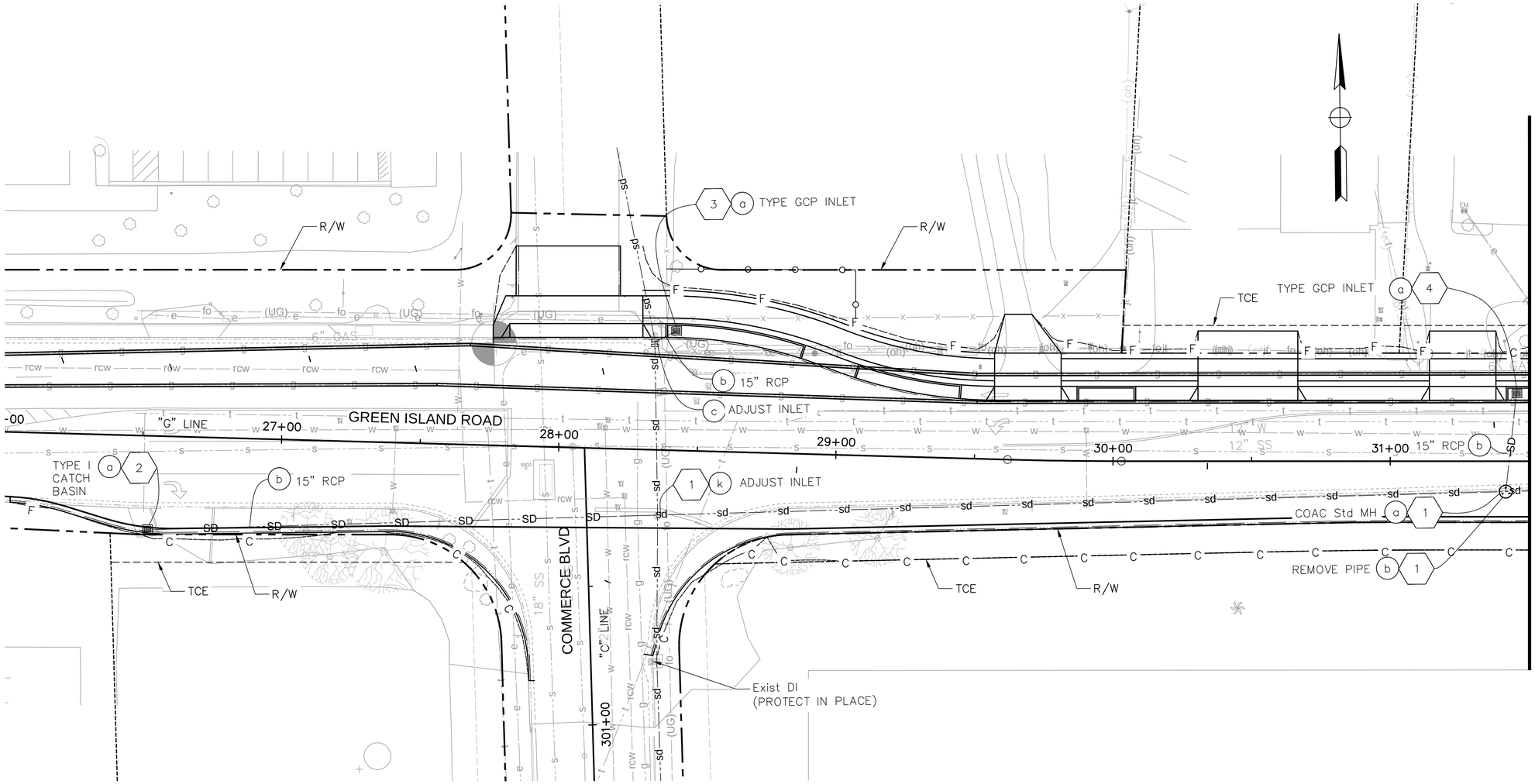
PROJECT:
GREEN ISLAND RD WIDENING

EROSION CONTROL QUANTITIES

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **ECQ-1**
54 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES
GREEN ISLAND RD WIDENING
ECQ-1

Plot Date/Monday, February 8, 2021 11:27:04 AM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CADD Files\A48200rgh001.dwg



NOTES:

1. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.
2. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT CITY OFFICE.
3. ALL INLETS WITHIN THE ROADBED SHALL HAVE GUTTER DEPRESSION PER COAC STANDARD UNLESS OTHERWISE NOTED.
4. UNLESS OTHERWISE NOTED, DRAINAGE INLETS SHALL HAVE A 0.10' MINIMUM DROP BETWEEN INCOMING AND OUTGOING PIPE FLOW LINES.
5. PIPES WITH LESS THAN 2 FEET OF COVER SHALL BE BACKFILLED WITH MINOR CONCRETE (BACKFILL).
6. REFERENCE CITY OF AMERICAN CANYON STD DETAILS FOR JUNCTION BOX AND STORM DRAIN MANHOLE DETAILS.
7. ALL INLETS SHALL INCLUDE DRAINAGE INLET MARKER (PREFABRICATED THERMOPLASTIC).
8. CONTRACTOR SHALL POSITIVELY DETERMINE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE SYSTEM IN ORDER TO VERIFY CONSTRUCTABILITY OF THE DRAINAGE SYSTEM AS SHOWN ON PLANS.
9. DI STATION AND OFFSET ARE CALLED OUT TO THE MID POINT OF STRUCTURE AT CURB FL.
10. REFER CD-3 FOR BIORETENTION FACILITY DETAILS.

LEGEND:

——SD——SD——	PROPOSED STORM DRAIN
——sd——sd——	Exist STORM DRAIN
x	DRAINAGE SYSTEM No.
x	DRAINAGE UNIT No.
	PROPOSED DRAINAGE INLET
	PROPOSED STORM MANHOLE
	Exist DRAINAGE INLET
	Exist STORM MANHOLE

DATE	APPROVED	DESCRIPTION	REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	D-1

55 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING D-1

Plot Scale=Monday, February 8, 2021 11:28:39 AM
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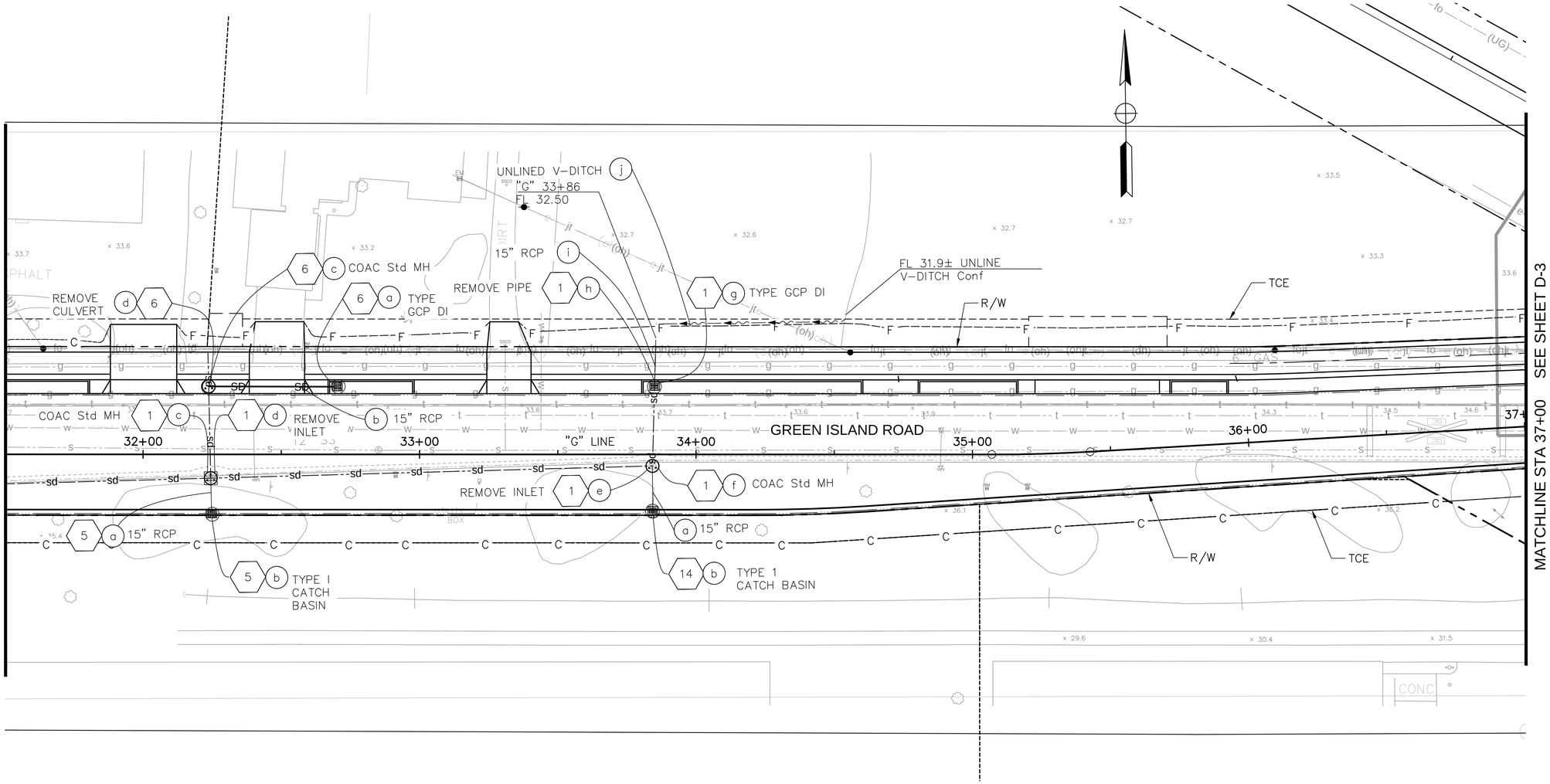

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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

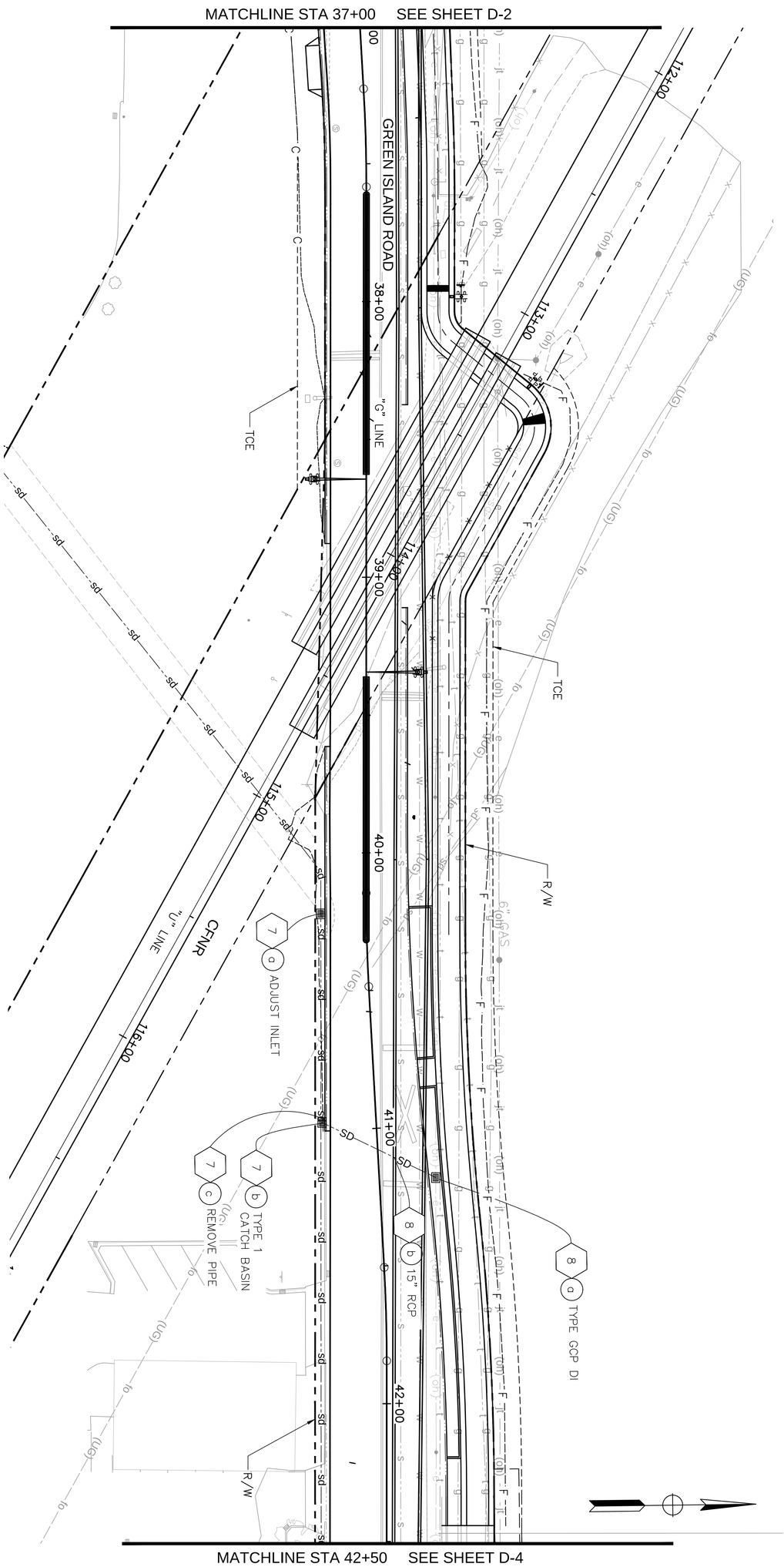
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48–100
DRAWING NO. **D-2**
56 OF 144 SHEETS

ORIGINAL SCALE: 1" = 20' GREEN ISLAND RD WIDENING D–2



DRAWING NO. D-3 57 OF 148 SHEETS	DESIGNED BY: AKM	PROJECT: GREEN ISLAND RD WIDENING	CITY OF AMERICAN CANYON PUBLIC WORKS — CALIFORNIA AMERICAN CANYON ENGINEERING DIVISION
PROJECT NO. A48-100	DRAWN BY: AKM	DRAINAGE PLAN	4381 Broadway, Suite 201 American Canyon, CA 94503 Phone: (707) 647-4562 Fax: (707) 643-2389
SCALE: 1" = 20'	CHECKED BY: JPJ		

REVISION	DESCRIPTION	APPROVED	DATE

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
CALIFORNIA
ENGINEERING DIVISION
PUBLIC WORKS

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**D-4**

58 OF 148 SHEETS

D-4 ORIGINAL SCALE: 0 1" 2" 3" 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale:1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rdd004.dwg

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Plot Scale=Monday, February 8, 2021 11:35:02 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rid005.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:

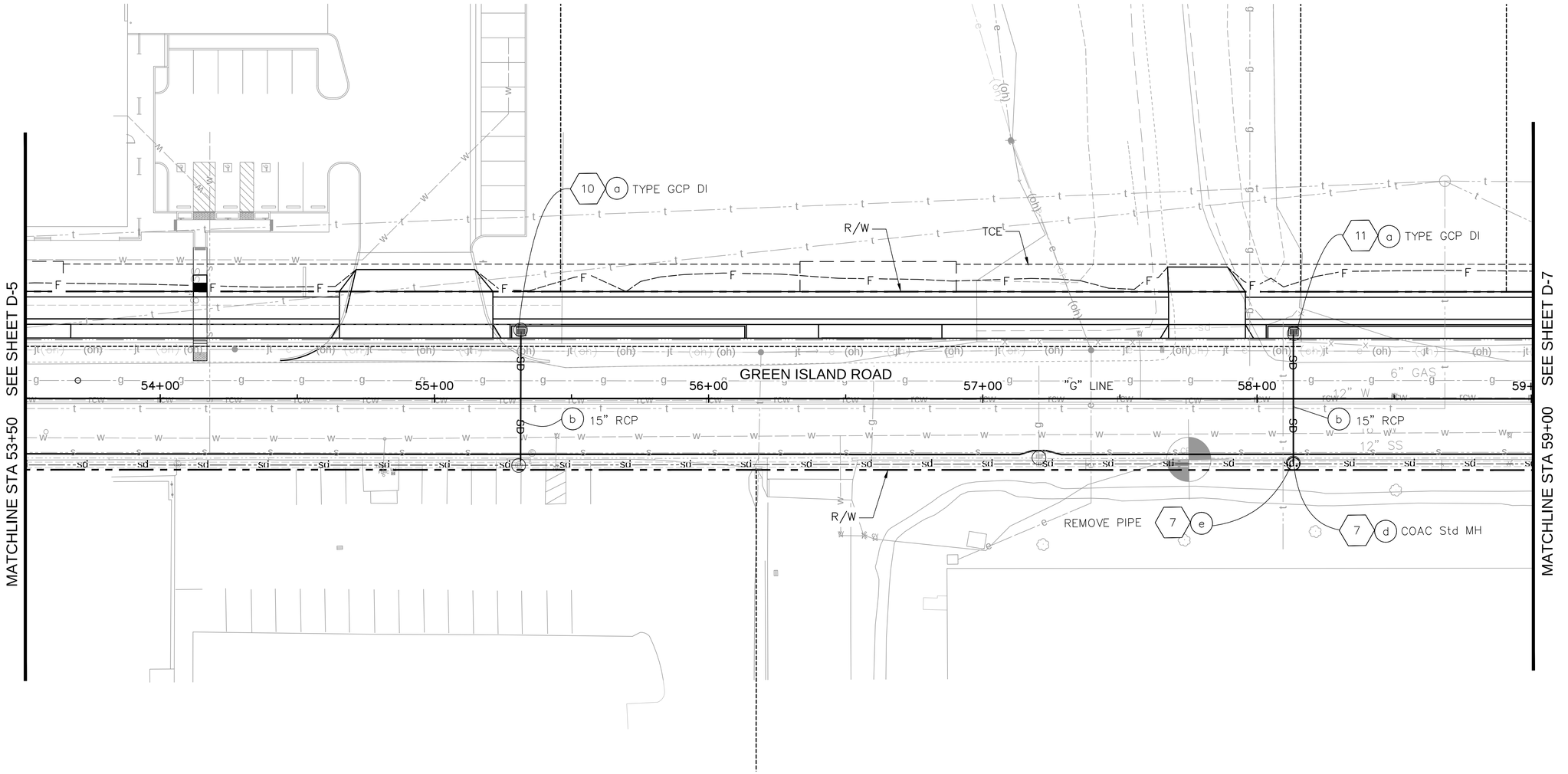
GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**D-5**

59 OF 148 SHEETS

D-5 ORIGINAL SCALE: 1 INCHES 0 1 11 21 31 41 GREEN ISLAND RD WIDENING



CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	D-6

60 OF 148 SHEETS

D-6 ORIGINAL SCALE: 1" INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 11:36:33 AM
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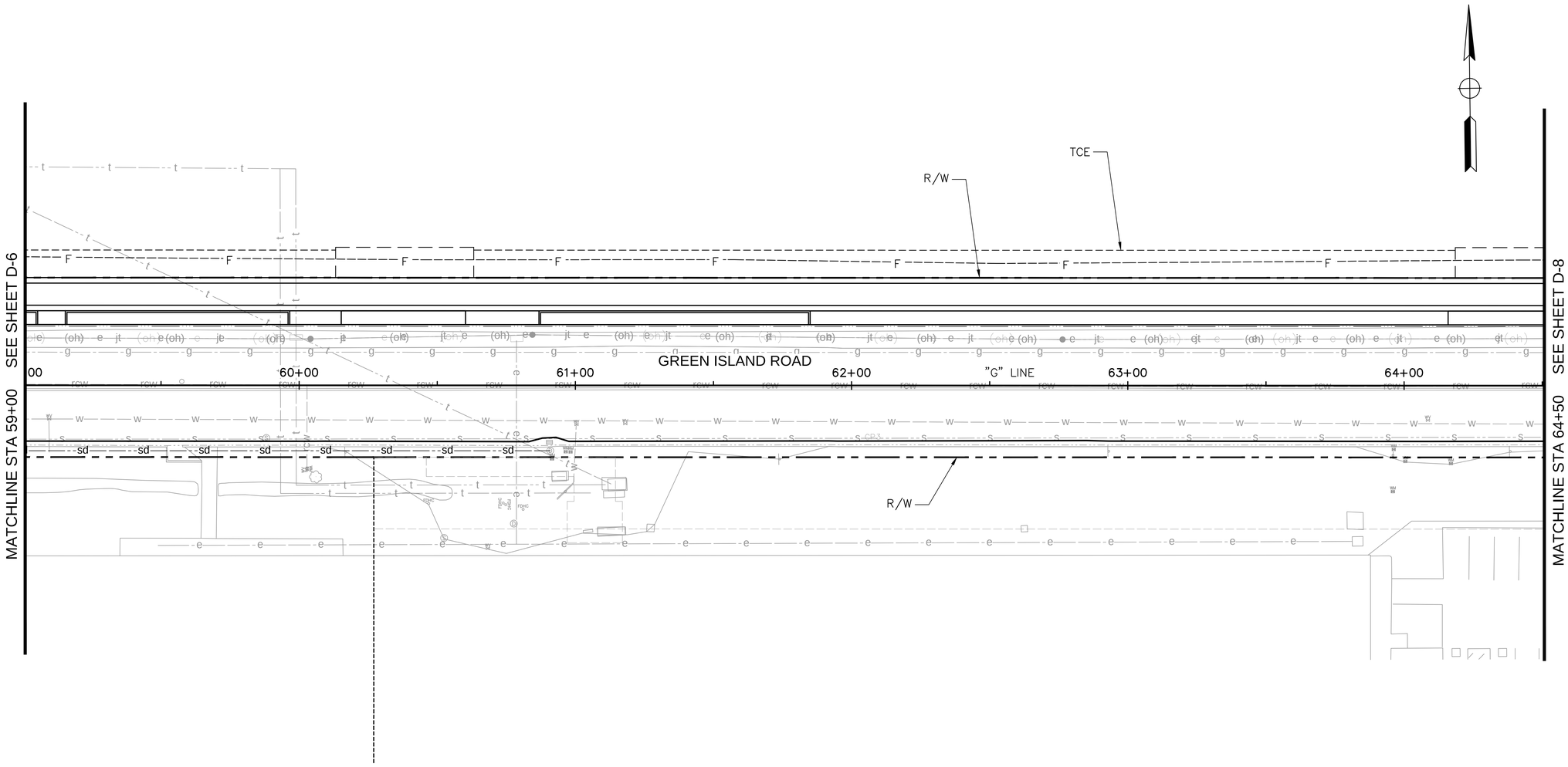

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	D-7

61 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES

D-7 GREEN ISLAND RD WIDENING

Plot Scale:1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rd007.dwg

MATCHLINE STA 64+50 SEE SHEET D-7

GREEN ISLAND ROAD

"G" LINE

"P" LINE

65+00 66+00 67+00 68+00 69+00 70+00 501+00

CFNR

TCE

R/W

13 a TYPE GCP DI

13 b 15" RCP

13 c TYPE 1 CATCH BASIN

13 d 15" RCP

12 a COAC Std MH

12 b REMOVE PIPE

12 c MODIFY INLET

PAOLI LOOP RD

16" W

12" SS

6" GAS

Plot Scale=1" = 1'-0"

Plot Scale=Monday, February 8, 2021 11:44:20 AM

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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

DRAINAGE PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	D-8

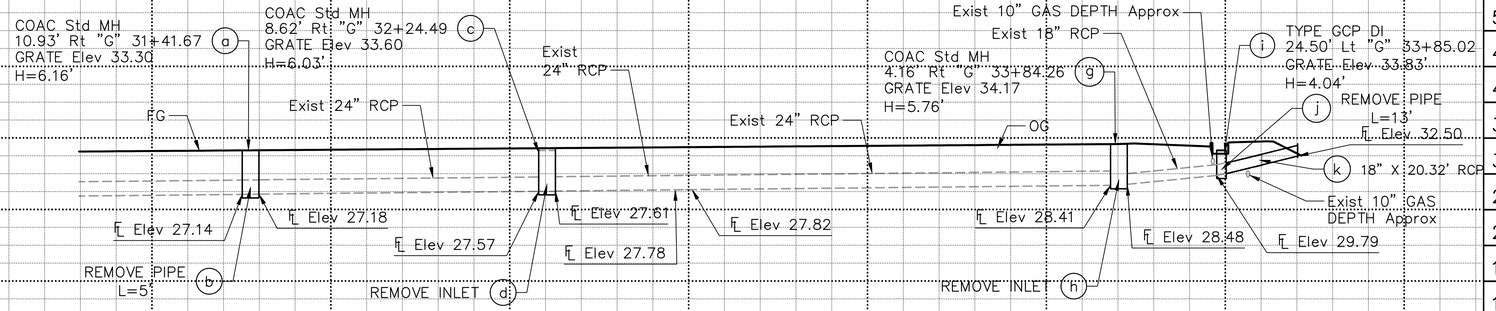
62 OF 148 SHEETS

D-8 ORIGINAL SCALE: 0 1/2 1 1 1/2 2 3 4 INCHES GREEN ISLAND RD WIDENING

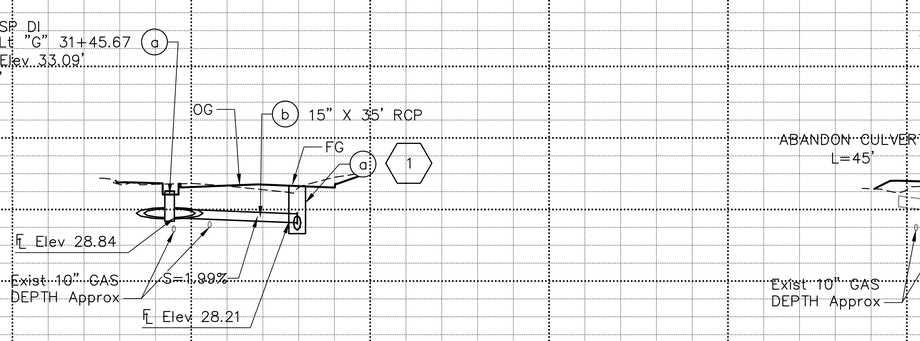
NOTES:

1. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.
2. CALL OUTS TO DRAINAGE STRUCTURES ARE REFERENCED TO CENTERLINE OF STRUCTURE AT FLOW LINE.
3. FOR UTILITY INFORMATION, SEE UTILITY SHEETS.
4. CONTRACTOR SHALL POSITIVELY DETERMINE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION OF ANY COMPONENT OF ANY DRAINAGE SYSTEM IN ORDER TO VERIFY CONTRACTIBILITY OF THE DRAINAGE SYSTEM AS SHOWN ON PLANS.

DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 2



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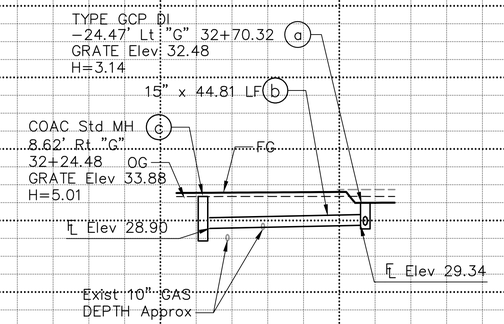
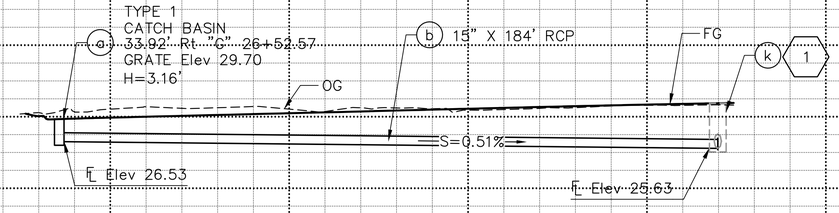
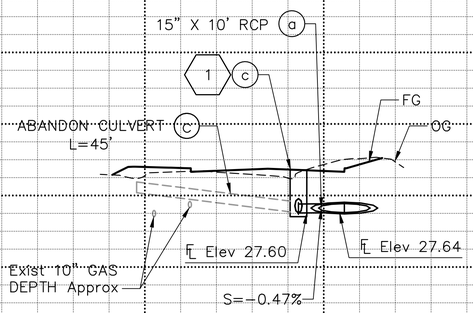


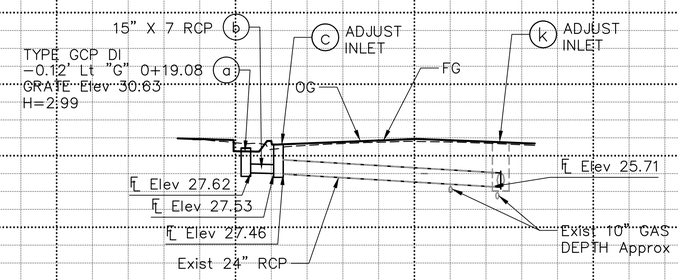
DRAINAGE SYSTEM No. 4



DRAINAGE SYSTEM No. 5



DRAINAGE SYSTEM No. 6



SCALE: 1" = 20' Horiz
1" = 5' Vert

STATION		TOTAL
CY	Exc	
	Emb	

CALIFORNIA
CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

DATE | APPROVED | DESCRIPTION | REVISION

PROJECT: GREEN ISLAND RD WIDENING

DRAINAGE PROFILE

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	--
PROJECT NO.	A48-100
DRAWING NO.	DP-1

63 OF 148 SHEETS

ORIGINAL SCALE: 1" = 1 INCHES
GREEN ISLAND RD WIDENING
DP-1

Plot Scale=Monday, February 8, 2021 11:46:06 AM
Plot Scale=1" = 1'-0"
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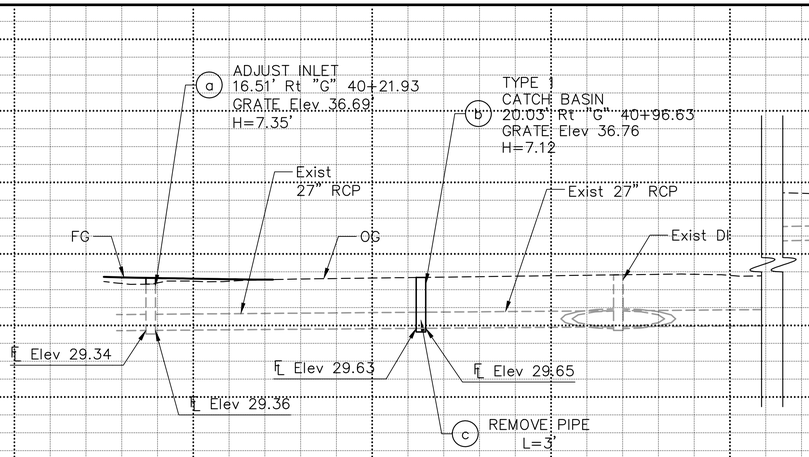
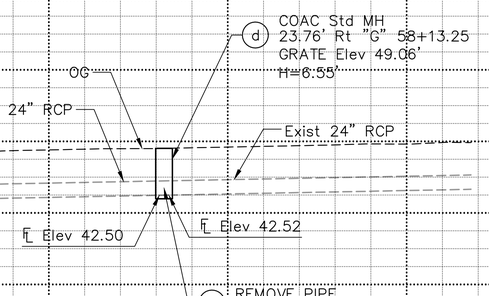
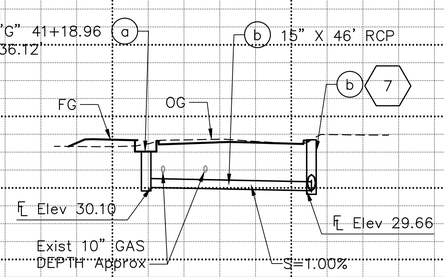
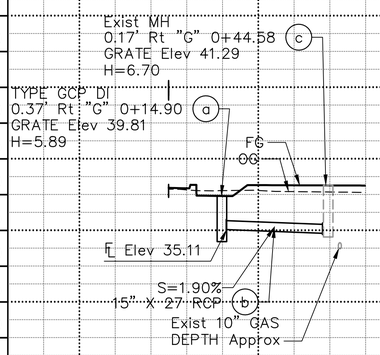


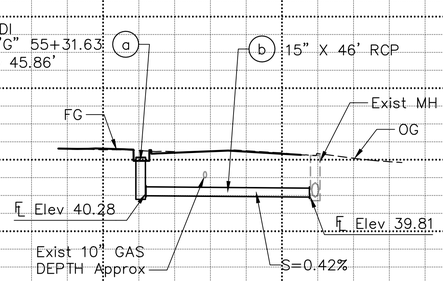


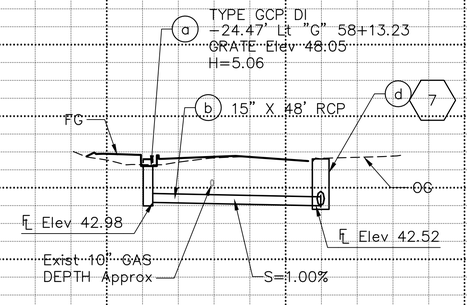


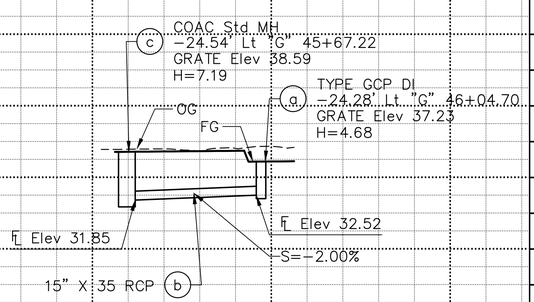
DRAINAGE SYSTEM No. 7

DRAINAGE SYSTEM No. 8









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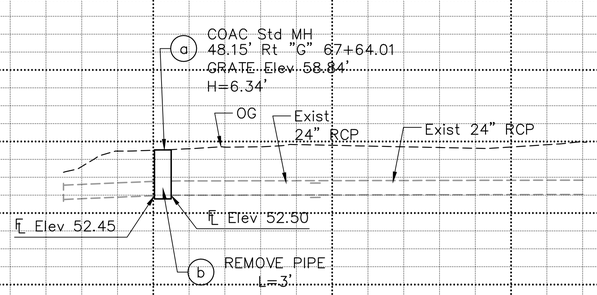
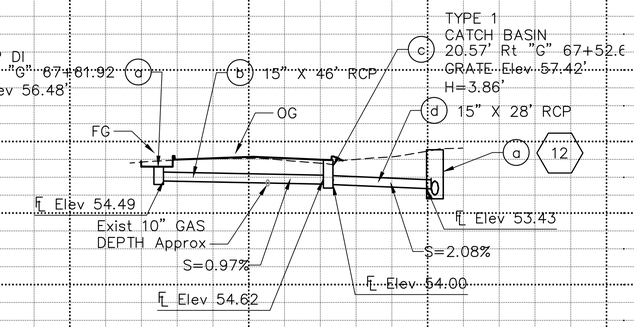
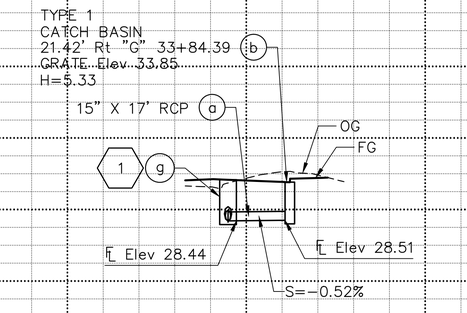
DRAINAGE SYSTEM No. 10

DRAINAGE SYSTEM No. 11

DRAINAGE SYSTEM No. 15







DRAINAGE SYSTEM No. 12

DRAINAGE SYSTEM No. 13

DRAINAGE SYSTEM No. 14

SCALE: 1" = 20' Horiz
1" = 5' Vert

STATION		TOTAL
CY	Exc	
	Emb	

Plot Scale=Monday, February 8, 2021 11:46:36 AM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200ds001.dwg

CALIFORNIA
CITY OF AMERICAN CANYON
ENGINEERING DIVISION
PUBLIC WORKS
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE PROFILE

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	--
PROJECT NO.	A48-100

DRAWING NO.
DP-2

64 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES

GREEN ISLAND RD WIDENING

DP-2

DRAINAGE QUANTITIES

DRAINAGE SYSTEM	DRAINAGE ITEM	DESCRIPTION	REMOVE INLET	ADJUST INLET	MODIFY INLET	CONVERT DI TO MH	ABANDON PIPE	REMOVE PIPE	TYPE I CATCH BASIN	GCP INLET	COAC MH	36" CONCRETE PIPE INLET	48" PRECAST CONCRETE PIPE MANHOLE	STRUCTURAL CONCRETE, DRAINAGE INLET	MINOR CONCRETE (MINOR STRUCTURE)	MINOR CONCRETE (BACKFILL)		DRAINAGE INLET MARKER *	15" RCP	FRAME AND GRATE(TYPE 36R) (N)	CATCH BASIN-TYPE I GRATE(N)	COAC FRAME AND COVER (N)
			EA	EA	EA	EA	LF	LF	INFORMATION ONLY			FT	FT	CY	CY	CY	LB	EA	LF	EA	EA	EA
1	a	COAC MH									1		6.98				265.00					1
	b	REMOVE PIPE						3.5														
	c	COAC MH									1		6.86				265.00					1
	d	REMOVE INLET	1																			
	e	REMOVE INLET	1																			
	f	COAC MH									1		6.59				265.00					1
	g	TYPE GCP DI								1		3.47			0.70		236.00			1		
	h	REMOVE PIPE						13														
	i	15" RCP																	21.48			
	j	UNLINED V-DITCH																				
	k	ADJUST INLET		1																		
2	a	TYPE I CATCH BASIN							1					1.96		0.44	247.00	1.00			1	
	b	15" RCP																	184.00			
3	a	TYPE GCP DI								1		3.49			0.70		236.00			1		
	b	15' RCP																	8.60			
	c	ADJUST INLET		1																		
4	a	TYPE GCP INLET										3.73			0.70		236.00			1		
	b	15" RCP																	35.65			
5	a	15" RCP																	12.80			
	b	TYPE 1 CATCH BASIN							1					2.67			247.00	1.00			1	
6	a	TYPE GCP DI								1		3.64			0.70		236.00					
	b	15" RCP																	46.60	1		
	c	COAC MH									1		5.82				265.00					1
	d	REMOVE PIPE						3.5														
7	a	ADJUST INLET		1																		
	b	TYPE I CATCH BASIN							1					3.06			247.00	1.00			1	
	c	REMOVE PIPE																				
	d	COAC MH									1		7.38				265.00			1		
	e	REMOVE PIPE						3.5														
8	a	TYPE GCP DI								1		5.51			0.70		236.00			1		
	b	15" RCP																	46.10			
9	a	TYPE GCP DI								1		6.39			0.70		236.00			1		
	b	15" RCP																	26.90			
10	a	TYPE GCP DI								1		5.39			0.70		236.00			1		
	b	15" RCP																	45.64			
11	a	TYPE GCP DI										5.56			0.70		236.00					
	b	15" RCP																	48.20	1		
12	a	COAC MH									1		7.17				265.00					1
	b	REMOVE PIPE						3.5														
	c	MODIFY INLET			1																	
13	a	TYPE GCP DI								1		2.49			0.70	0.53	236.00			1		
	b	15" RCP																	47.30			
	c	TYPE I CATCH BASIN							1					2.07			247.00	1.00			1	
	d	15" RCP																	28.80			
14	a	TYPE I CATCH BASIN							1					2.57			247.00	1.00			1	
	b	15" RCP																	29.80			
15	a	TYPE GCP DI								1		5.18			0.70	0.53	236.00			1		
	b	15" RCP																	37.50			
	c	COAC MH									1		6.00									1
	c	REMOVE DI	1																			
		TOTALS	**3**	**3**	**1**	**0**	**0**	**27**	**5**	**8**	**7**	**44.83**	**46.80**	**12.34**	**7.00**	**1.50**	**5185.00**	**5.00**	**619.37**	**11**	**5**	**6**
		* NOT A SEPARATE PAY ITEM																				

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

DRAINAGE QUANTITIES

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **DQ-1**
65 OF 148 SHEETS

GREEN ISLAND RD WIDENING
ORIGINAL SCALE: 1 INCHES 3 1 2 1 1 0
DQ-1

Plot Date/Time:Monday, February 8, 2021 11:48:06 AM
Plot Scale:1" = 1'-0"
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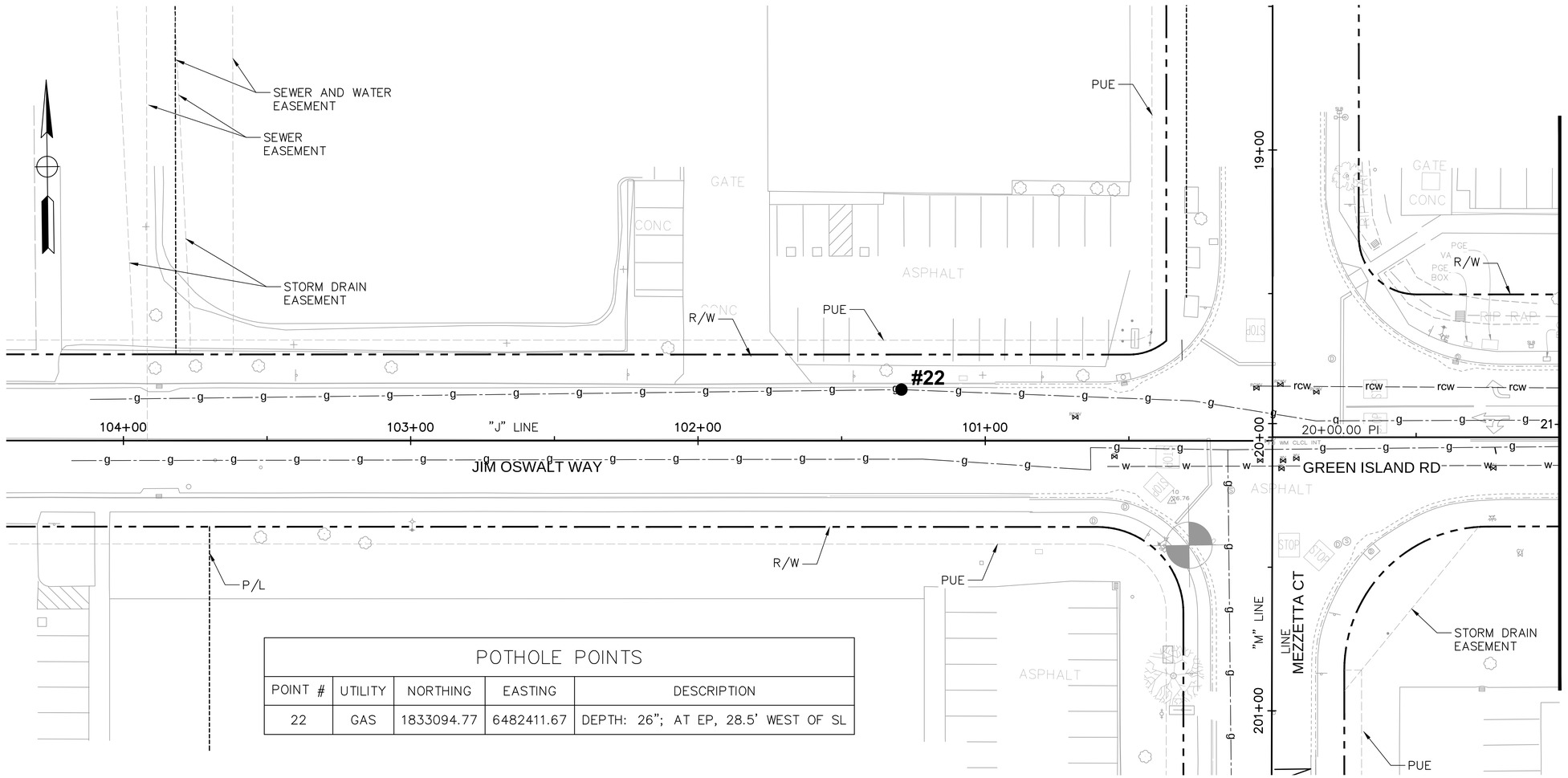

POTHOLE POINTS				
POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
22	GAS	1833094.77	6482411.67	DEPTH: 26"; AT EP, 28.5' WEST OF SL

GENERAL NOTES:

1. LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. ALL UTILITY LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. ALL UTILITY FACILITIES SHOWN ON PLANS ARE EXISTING UTILITY FACILITIES ONLY UNLESS OTHERWISE INDICATED.
3. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS.
4. EXISTING VALVES, METERS, VAULTS, MANHOLES COVERS TO BE RAISED OR LOWERED TO PROPOSED ELEVATION.
5. EXCAT LOCATION OF FH TO BE DETERMINED BY THE FIELD ENGINEER.
6. ALL UTILITIES TO BE PROTECTED IN PLACE UNLESS OTHERWISE MENTIONED.

UTILITY CONTACTS

UTILITY TYPE	UTILITY OWNER	REPRESENTATIVE CONTACT	PHONE NUMBER
GAS	PG&E	SALVADOR LOPEZ	415-257-3309
ELECTRIC	PG&E	XXXXX	XXX-XXX-XXXX
SANITARY SEWER	CITY OF AMERICAN CANYON	CHRIS MORRIS	XXX-XXX-XXXX
WATER	CITY OF AMERICAN CANYON	FRANCISCO	XXX-XXX-XXXX
RECYCLED WATER	CITY OF AMERICAN CANYON	FRANCISCO	XXX-XXX-XXXX
STORM DRAIN	CITY OF AMERICAN CANYON	BOB DUNN	XXX-XXX-XXXX
FIBER OPTIC	CABLECOM/COMCAST	PAUL ALABONA/KEITH LEE	707-759-4070
TELEPHONE	AT&T	CHARLENE SASAMOTO	707-258-5308
JOINT (OH)	PG&E, AT&T, CABLECOM		

LEGEND:

-e-(oh)-	EXISTING ELECTRICAL OVERHEAD
-e-e-	EXISTING ELECTRICAL, UNDERGROUND
-g-g-	EXISTING GAS
-jt-(oh)-	EXISTING JOINT OVERHEAD
-fo-(UG)-	EXISTING FIBER OPTIC, UNDERGROUND
-t-t-	EXISTING TELEPHONE, UNDERGROUND
-s-s-	EXISTING SANITARY SEWER
-w-w-	EXISTING WATER
-rcw-rcw-	EXISTING RECYCLED WATER
-sd-sd-	EXISTING STORM DRAIN
	EXISTING POWER POLE
	POTHOLE LOCATION
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVES
	EXISTING STORM MANHOLE
	EXISTING SEWER MANHOLE
FH	FIRE HYDRANT

REVISION	DESCRIPTION	APPROVED	DATE

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PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-1
66 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES 2 3 4 5 6

GREEN ISLAND RD WIDENING U-1

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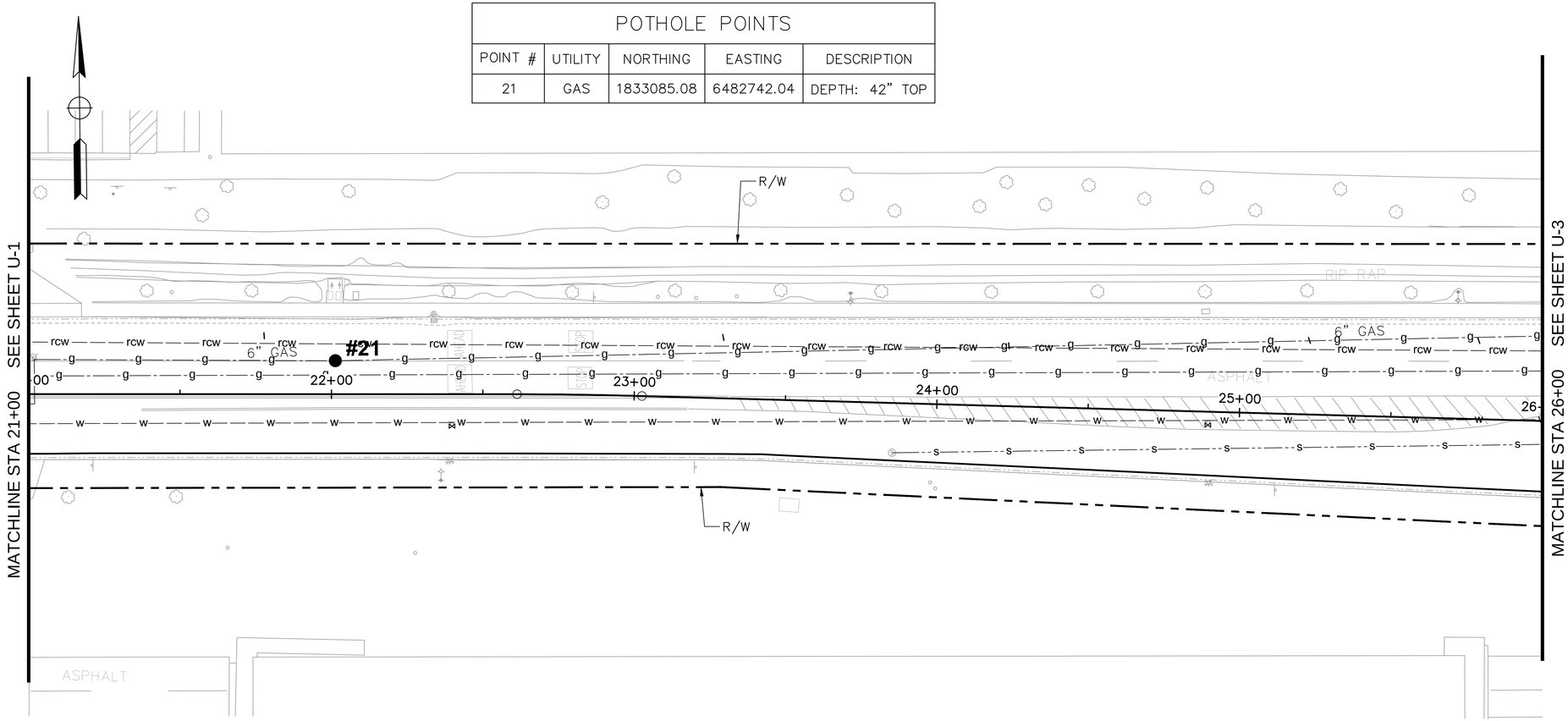
POTHOLE POINTS				
POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
21	GAS	1833085.08	6482742.04	DEPTH: 42" TOP



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Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **U-2**
67 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES GREEN ISLAND RD WIDENING U-2

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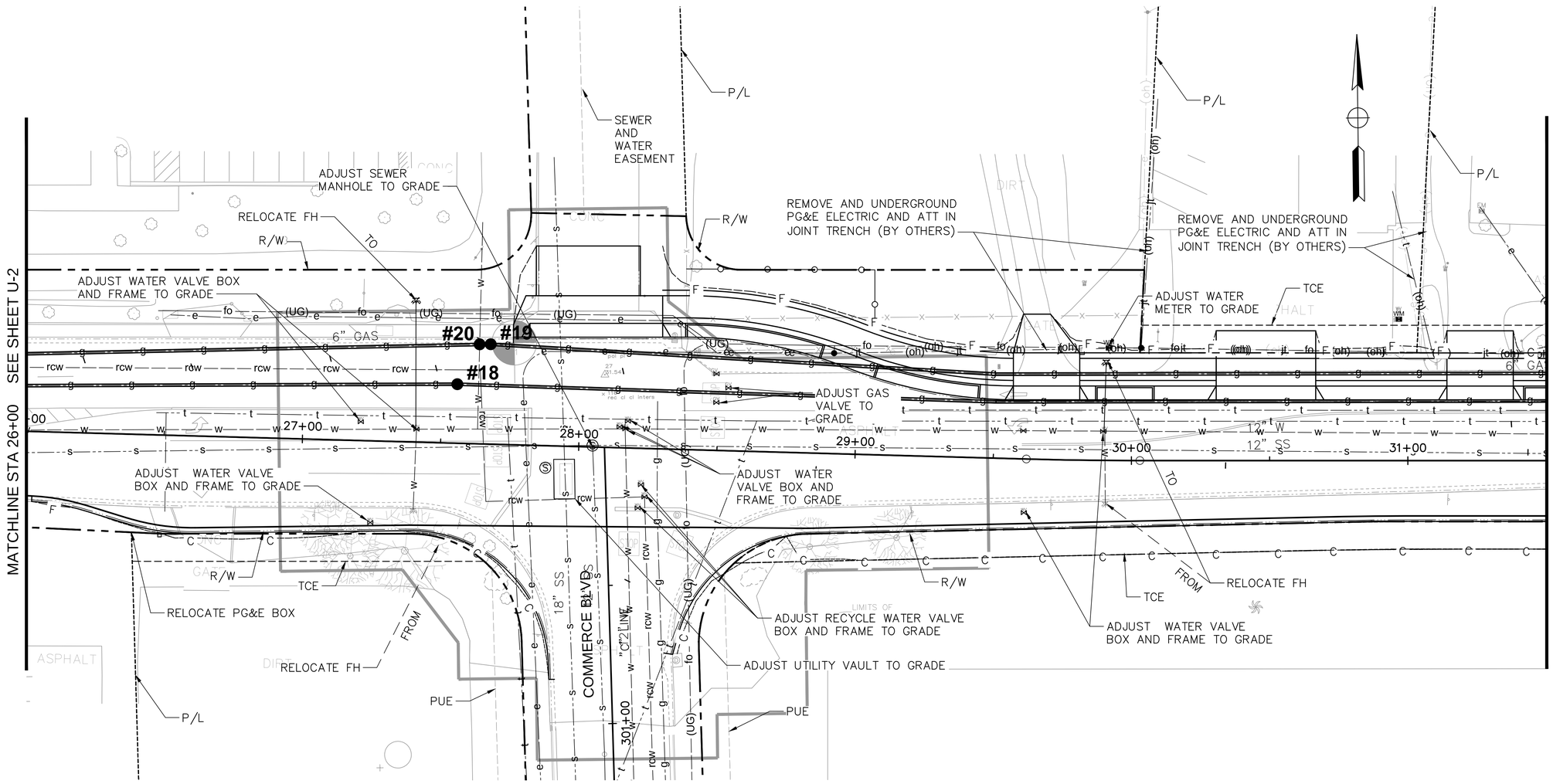

POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
18	GAS	1833075.28	6483296.54	DEPTH: >5' TOP (NOT EXPOSED); 9' OFF CL, 16' WEST OF SL
19	GAS	1833089.58	6483308.81	DEPTH: 46" TOP; AT EP, 4' WEST OF SL
20	WATER	1833089.58	6483304.81	DEPTH: 35" TOP; AT EP, 8' WEST OF SL

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-3
68 OF 124 SHEETS

ORIGINAL SCALE: 1 INCHES
U-3 GREEN ISLAND RD WIDENING

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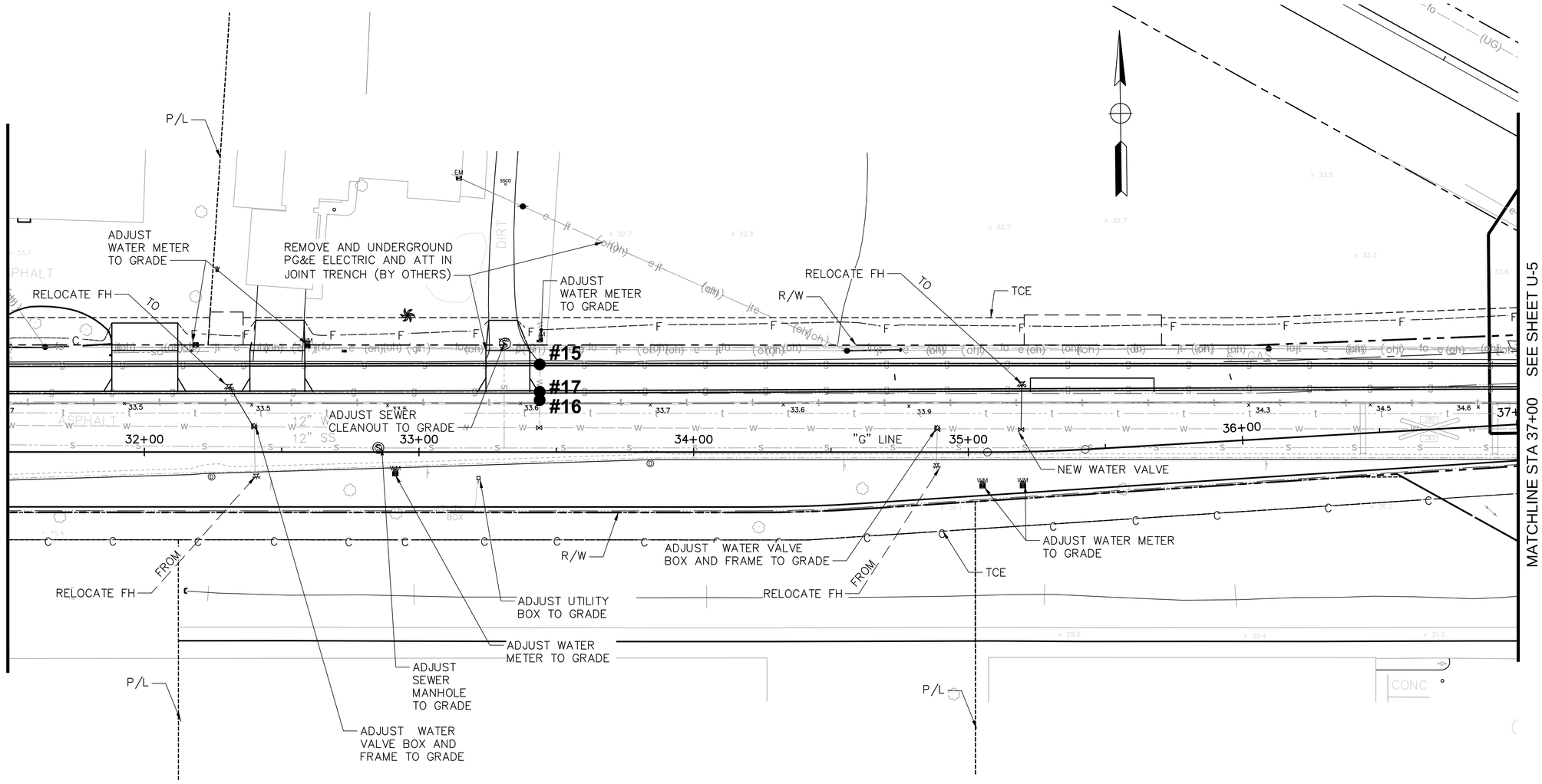

POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
15	GAS	1833072.12	6483884.36	DEPTH: 60" TOP; 14' OFF CL
16	RECYCLED WATER	1833059.12	6483884.19	DEPTH: 60" TOP; 1' OFF CL
17	GAS	1833062.12	6483884.23	DEPTH: 36" TOP; 4' OFF CL

DATE | APPROVED | DESCRIPTION | REVISION

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ENGINEERING DIVISION
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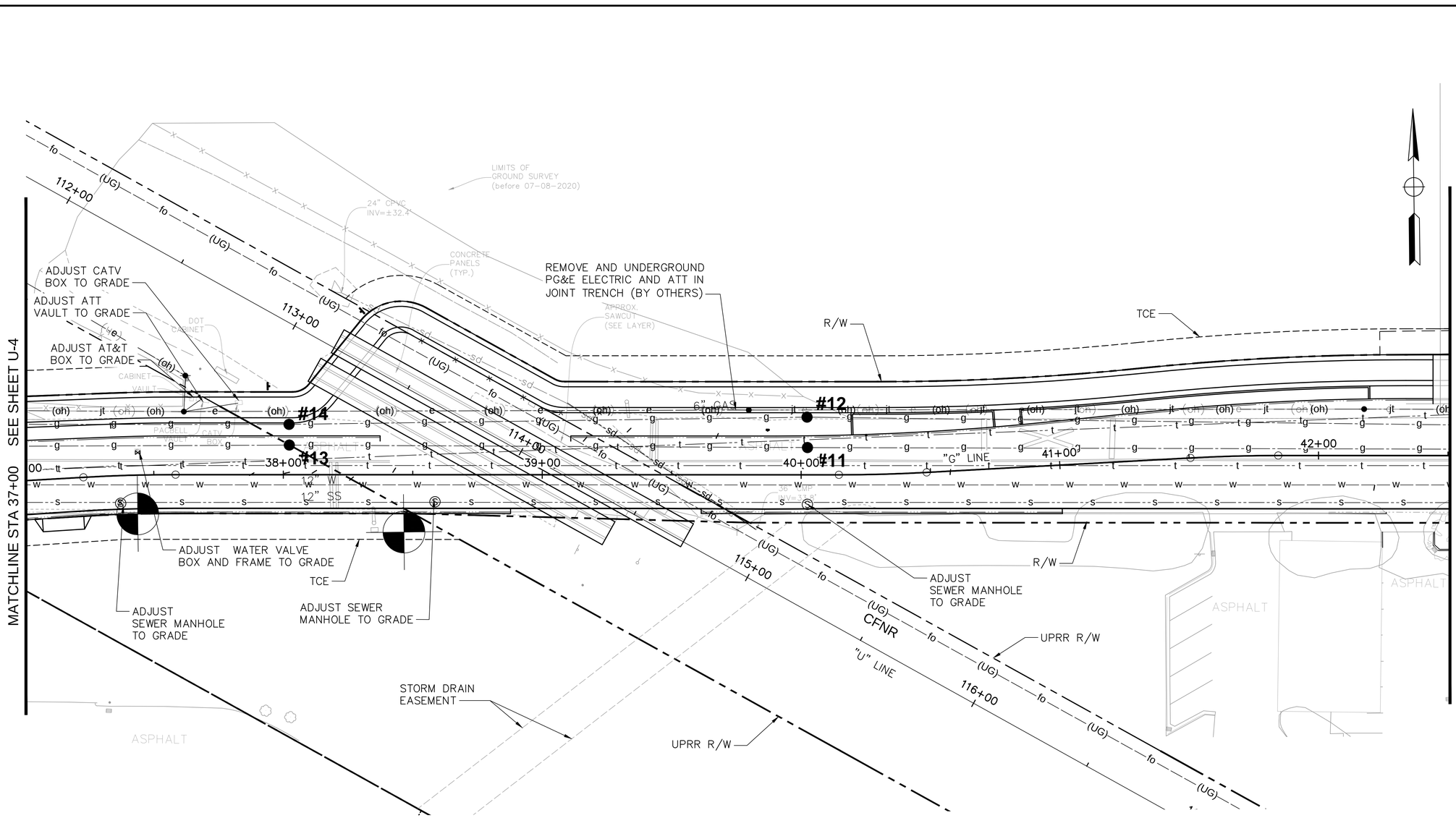
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-4
69 OF 124 SHEETS

ORIGINAL SCALE: 0 1 2 1 0 1 2 1 0 1 2 1



POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
11	GAS	1833054.81	6484542.34	DEPTH: 47" TOP; 5' OFF CL, 22.75' EAST OF PP
12	GAS	1833066.56	6484542.34	DEPTH: 45" TOP; 16.75' OFF CL, 22.75' EAST OF PP
13	GAS	1833058.26	6484342.28	DEPTH: 38" TOP; 6' OFF CL, 41' EAST OF PP
14	GAS	1833066.27	6484342.28	DEPTH: >5' TOP (NOT EXPOSED); 14' OFF CL, 41' EAST OF PP

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American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

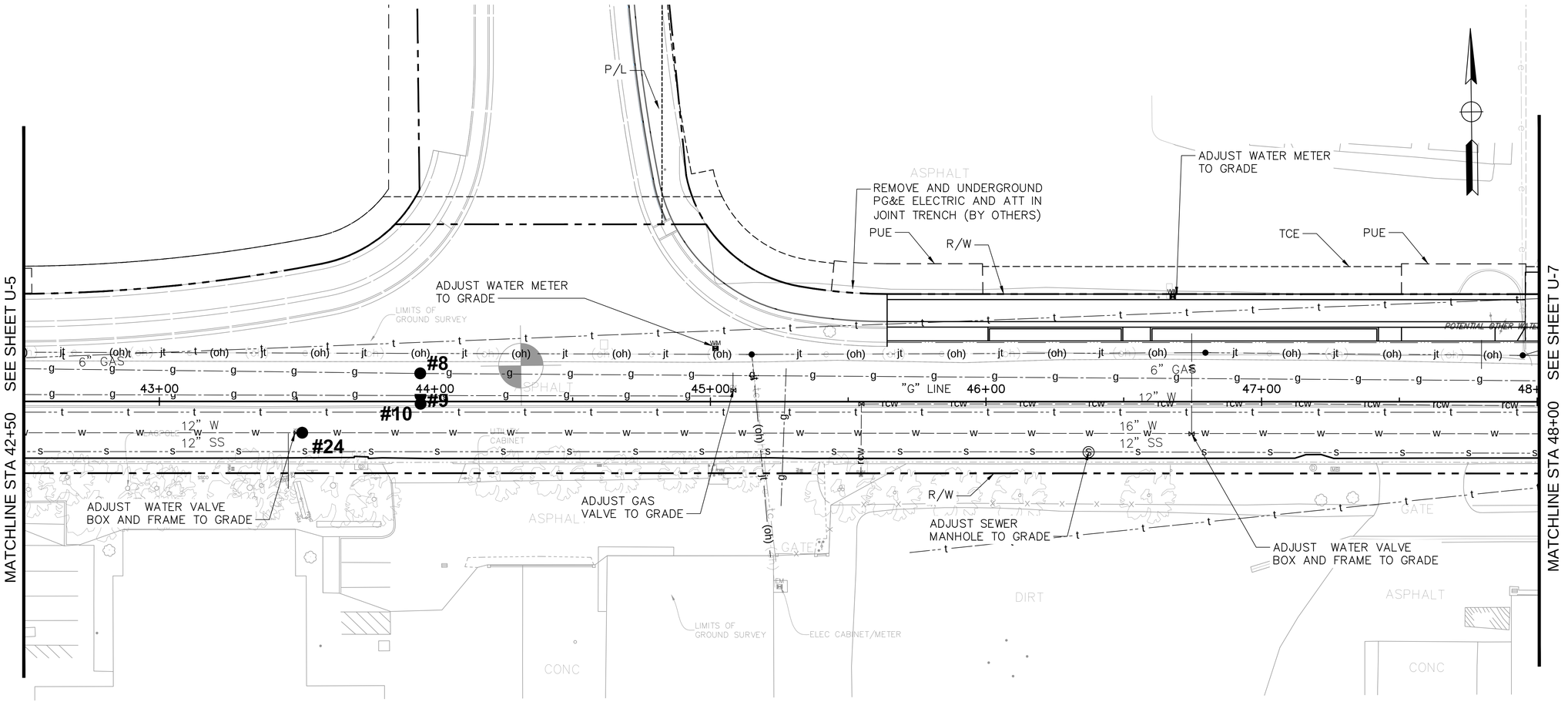
PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-5

70 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES 0 1 2 3 4
GREEN ISLAND RD WIDENING
U-5



POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
8	GAS	1833056.95	6484934.45	DEPTH: 37" TOP; 12' OFF CL
9	GAS	1833048.95	6484934.45	DEPTH: 39" TOP; 4' OFF CL
10	RECYCLED WATER	1833045.95	6484934.45	DEPTH: 52" TOP; 1' OFF CL
24	WATER	1833035.99	6484891.38	DEPTH: 55" TOP; 9.5' OFF CL, 18.5' WESY OF CB CL

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PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **U-6**
69 OF 124 SHEETS

ORIGINAL SCALE: 16 1 1 21 31 4 INCHES GREEN ISLAND RD WIDENING U-6

Plot Scale=1" = 1'-0"
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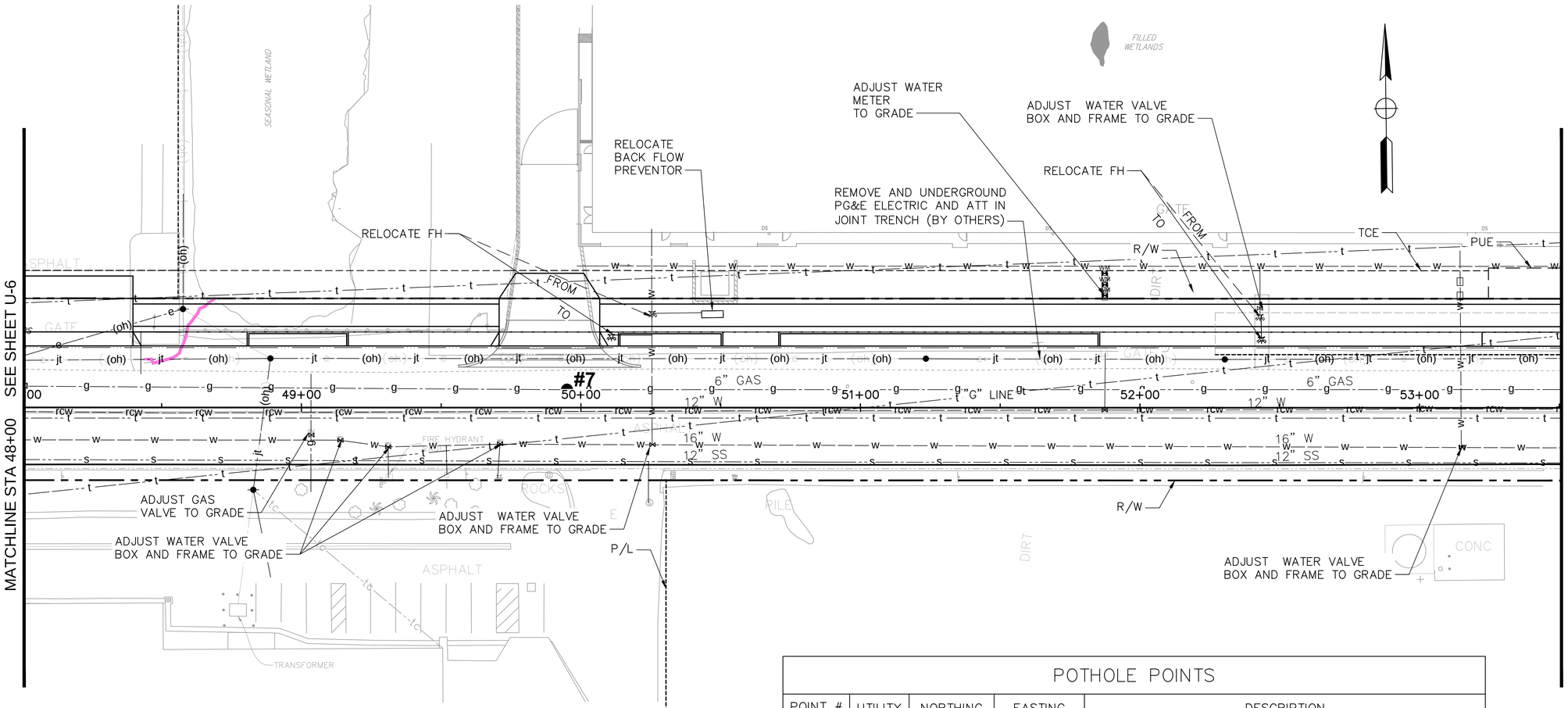

POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
7	GAS	1833045.51	6485534.68	DEPTH: 34" TOP; IN LINE WITH FENCE END (S), 8' OFF CL

REVISION	DESCRIPTION	APPROVED	DATE

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PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY:	VFD
DRAWN BY:	CS
CHECKED BY:	
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**U-7**

72 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
U–7

Plot Scale=1" = 1'-0"
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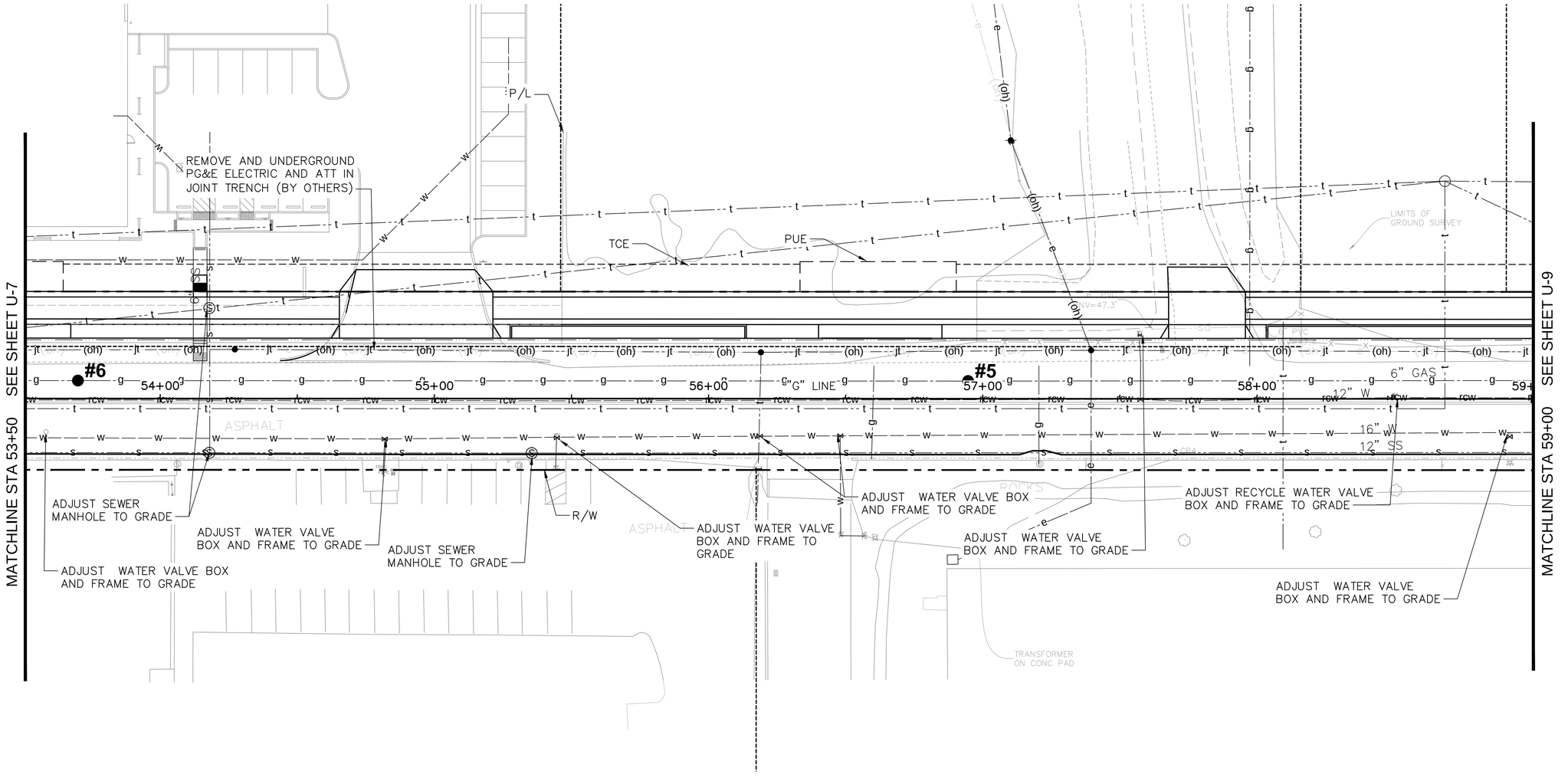

POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
5	GAS	1833036.61	6486234.27	DEPTH: 35" TOP; 45' WEST OF PP, 8' OFF CL
6	GAS	1833040.86	6485909.64	DEPTH: 31" TOP; 35' WEST OF FENCE COR (S), 8' OFF CL

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **U-8**
73 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
U-8

Plot Date/Time: Monday, February 8, 2021 12:21:52 PM
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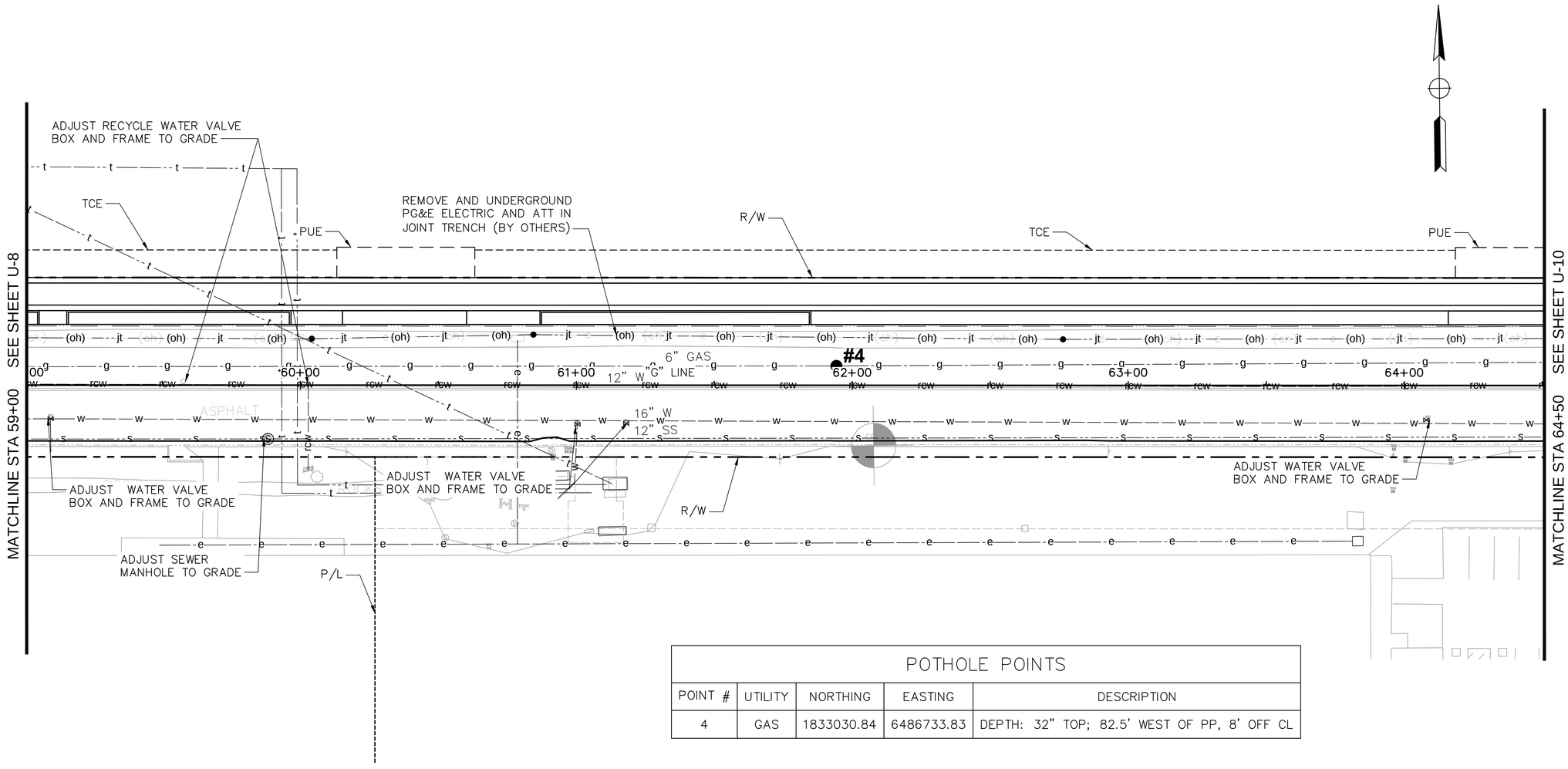

POTHOLE POINTS				
POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
4	GAS	1833030.84	6486733.83	DEPTH: 32" TOP; 82.5' WEST OF PP, 8' OFF CL

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-9
74 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES
U-9 GREEN ISLAND RD WIDENING

Plot Scale=1" = 1'-0"
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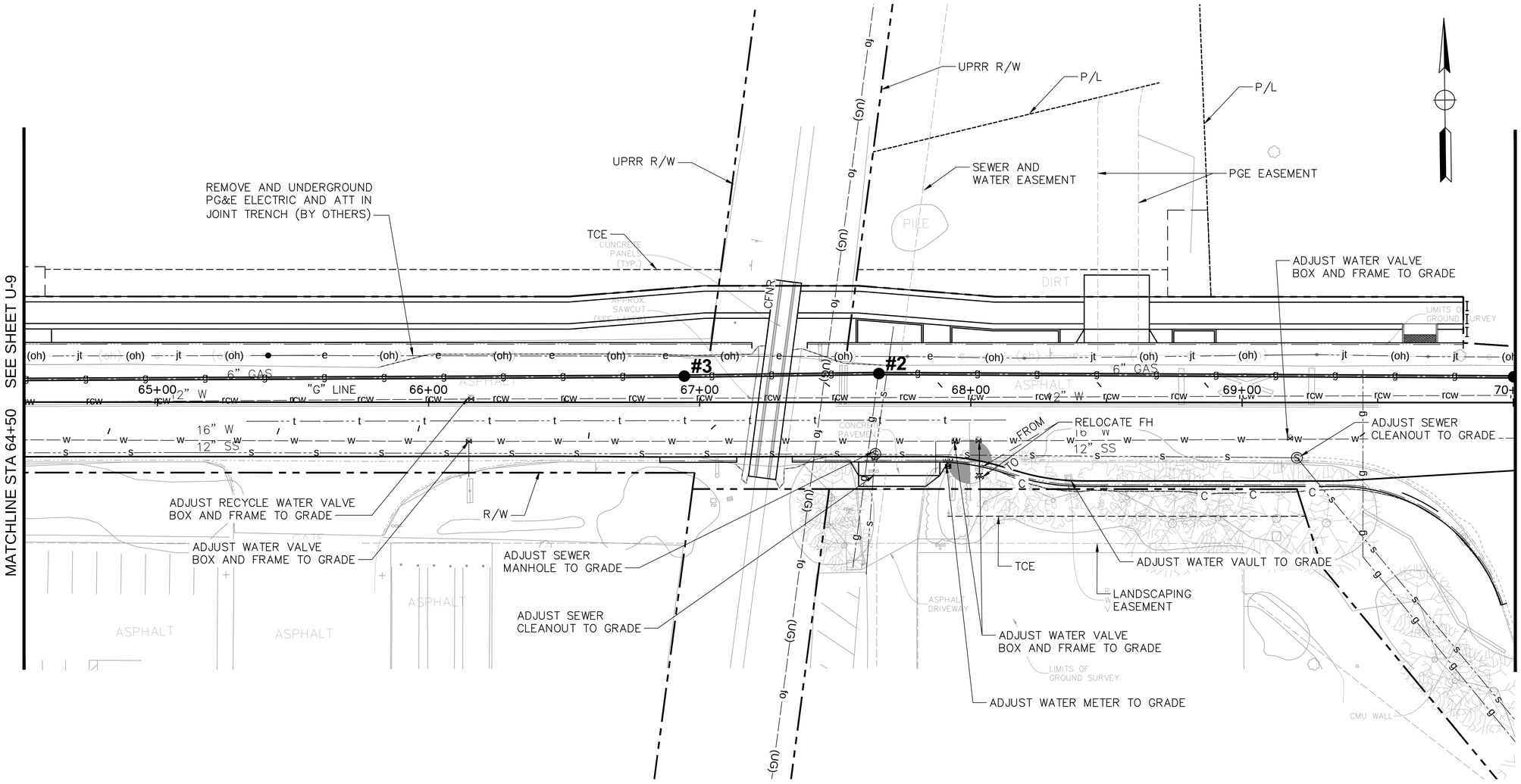

POTHOLE POINTS

POINT #	UTILITY	NORTHING	EASTING	DESCRIPTION
1	GAS	1833022.98	6487539.69	DEPTH: 34" TOP; 31.5' EAST OF PP ON TRENCH CUT
2	GAS	1833027.14	6487305.64	DEPTH: 44" TOP; 11.75' EAST OF RxR STOP BAR, 11.75' OFF CL
3	GAS	1833027.07	6487233.90	DEPTH: 38" TOP; 29' WEST OF RxR PANEL 11' OFF CL

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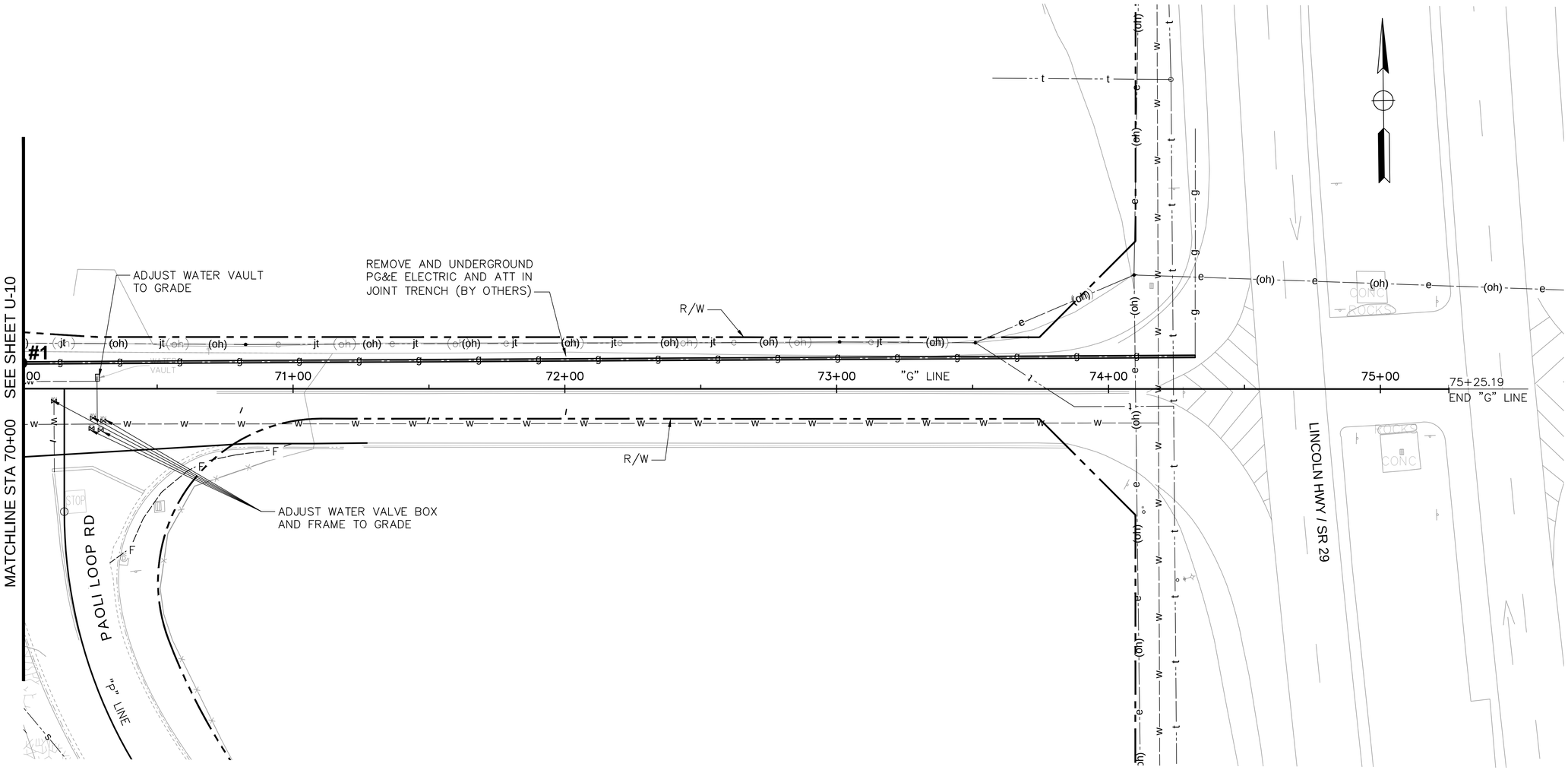
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY: VFD
DRAWN BY: CS
CHECKED BY:
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. U-10
75 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES
U-10 GREEN ISLAND RD WIDENING



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American Canyon, CA 94503
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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:

GREEN ISLAND RD WIDENING

UTILITY PLAN

DESIGNED BY:	VFD
DRAWN BY:	CS
CHECKED BY:	
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**U-11**

74 OF 124 SHEETS

U–11 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 12:27:57 PM
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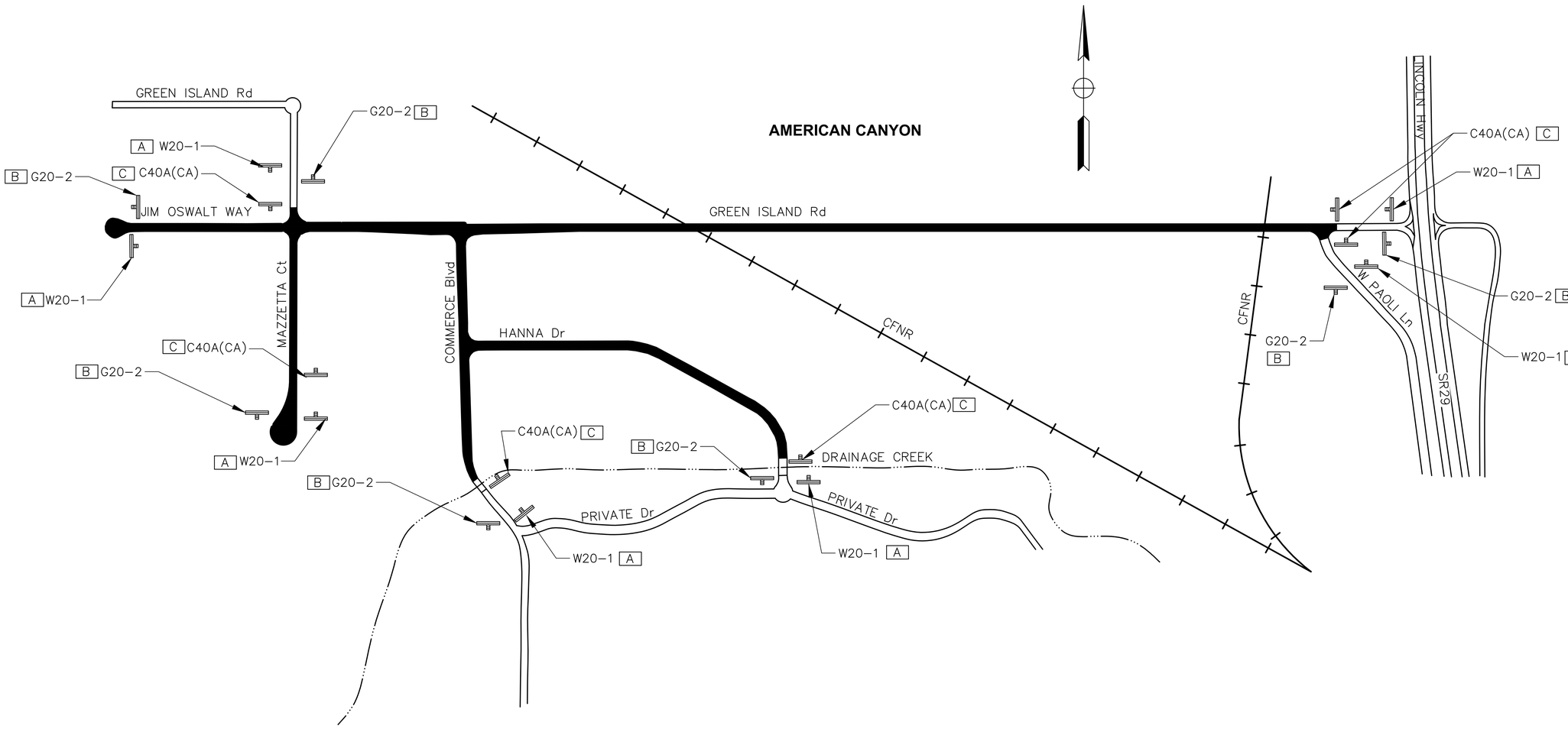
GENERAL NOTES:

1. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. ADVANCE INFORMATION SIGNS SHALL BE INSTALLED 72 HOURS PRIOR TO ROAD CLOSURES.
3. SEE SC AND TH SHEETS FOR ADDITIONAL CONSTRUCTION AREA SIGNS.

SIGN No. ☐	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. POST AND SIZE	No. OF SIGNS
A	W20-1	48" X 48"	ROAD WORK AHEAD	1'-4" X 4"	7
B	G20-2	36" X 18"	END ROAD WORK	1'-4" X 4"	7
C	C40A(CA)	48" X 48"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	1'-4" X 4"	6



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REVISION | DESCRIPTION | APPROVED | DATE

PROJECT:
GREEN ISLAND RD WIDENING

CONSTRUCTION AREA SIGNS

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: NTS
PROJECT NO. A48-100
DRAWING NO. **CAS-1**
77 OF 148 SHEETS

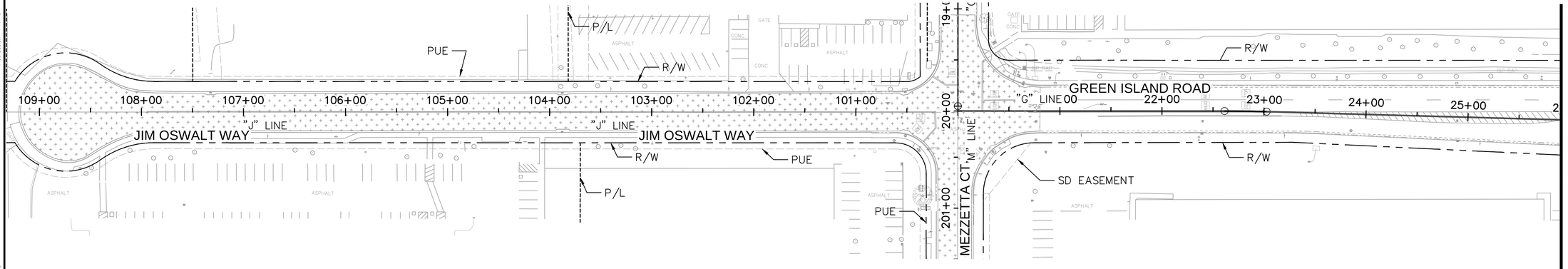
ORIGINAL SCALE: 0 1 2 3 4 INCHES
TITLE SHEET
CAS-1

GENERAL NOTES:

1. MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES.
2. MAINTAIN ONE LANE OF TRAFFIC MINIMUM IN EACH DIRECTION DURING NIGHT TIME CONSTRUCTION ACTIVITIES.
3. LOCATION OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
4. CONFLICTING STRIPING, PAVEMENT MARKINGS AND PAVEMENT MARKERS ARE TO BE REMOVED BEFORE ROADWAY IS OPENED TO TRAFFIC.
5. PLACE WHITE REFLECTORS ON TOP OF TEMPORARY RAILING (TYPE–K) @ 20' INTERVALS WHERE TRAFFIC STRIPE DETAIL 27B IS SPECIFIED AND WHERE OTHERWISE SHOWN.
5. PLACE YELLOW REFLECTORS ON TOP OF TEMPORARY RAILING (TYPE–K) @ 20' INTERVALS WHERE TRAFFIC STRIPE DETAIL 25 IS SPECIFIED AND WHERE OTHERWISE SHOWN.
6. ANCHOR TEMPORARY RAILING (TYPE–K) TO PAVEMENT WHERE THE SPACE BETWEEN THE RAILING AND CONSTRUCTION AREA IS LESS THAN 2'. SEE STANDARD PLAN T3B, SECTION J–J FOR DETAILS.
7. CONTRACTOR SHALL PLACE TEMPORARY STRIPING (PAINT) AFTER COMPLETION OF THE PAVEMENT OPERATIONS PRIOR TO THE ROAD BEING OPENED TO TRAFFIC.
8. UNDERGROUND DRAINAGE, WATER, SEWER AND IRRIGATION WORK TO BE COMPLETED WITH THE ADJACENT PAVING DURING THAT STAGE.
9. CONTRACTOR TO PLACE AND MAINTAIN W20–1 (ROAD WORK AHEAD) AND G20–2 (END ROAD WORK) SIGNS PER MUTCD GUIDELINES FOR THE DURATION OF THE PROJECT.
10. CONTRACTOR TO NOTIFY ALL EMERGENCY SERVICE PROVIDERS AND PUBLIC TRANSPORTATION BEFORE COMMENCING WORK.
11. CONTRACTOR TO SUBMIT PLANS FOR TRAFFIC CONTROL, LANE CLOSURES FOR APPROVAL BY THE ENGINEER.
12. SEE CALTRANS STANDARD PLANS T9, T11, T11A, T30, T31, T32, T33 AND T34 FOR LANE AND SIDEWALK CLOSURE DETAILS.
13. CONTRACTOR SHALL CAT–TRACK TEMPORARY STRIPING WITHIN 24 HOURS OF COMPLETION OF FINAL PAVING. CAT–TRACKING SHALL BE APPROVED BY ENGINEER PRIOR TO FINAL STRIPING.
14. STRIPING, SIGNING AND TEMPORARY RAILING (TYPE K) TO BE PLACED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES ON THIS STAGE. LANE CLOSURE SHALL BE UTILITIES AS NECESSARY FOR PLACEMENT OF THESE ITEMS IN ACCORDANCE WITH THE LANE CLOSURE CHARTS PROVIDED.
15. TEMPORARY PAVEMENT ELEVATIONS TO BE SUBMITTED FOR NEXT SUBMITTAL.
16. ADJUST UTILITY COVERS BY LOWERING TO ALLOW PAVEMENT CONSTRUCTION WITHOUT DAMAGING UTILITY ASSETS AND RE–ADJUST UTILITY COVER BY RAISING/LOWERING TO NEW FINISH GRADE ELEVATION. SEE UTILITY SHEETS FOR ADDITIONAL INFORMATION.
17. PAVEMENT EDGE DROP–OFF GREATER THAN 6" SHOULD NOT BE LEFT OVERNIGHT. COVER WITH STEEL PLATE OVER EXCAVATIONS OR PLACE TEMPORARY WEDGE OF MATERIAL ALONG THE FACE OF DROP–OFF.
18. CONTRACTOR TO PROVIDE ACCESS TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES DURING CONSTRUCTION.

LEGEND:

- TEMPORARY TRAFFIC STRIPE
- CHANNELIZERS
- TEMPORARY RAILING (TYPE K)
- TEMPORARY ALTERNATIVE CRASH CUSHION
- STOP PAVEMENT MARKING
- TYPE IV ARROW
- DIRECTION OF TRAFFIC
- TEMPORARY TYPE P MARKER
- NEW CONSTRUCTION
- TEMPORARY PAVEMENT CONSTRUCTION (0.5' HMA–A, 13" CLASS 2 AB)
- PERMANENT PAVEMENT CONSTRUCTION (OVERNIGHT CONSTRUCTION)
- FULL DEPTH RECLAMATION



STAGE 1 CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
1	REMOVE BASE AND SURFACE AND CONSTRUCT FULL DEPTH RECLAMATION PAVEMENT ON MEZZETTA CT, COMMERCE BLVD, HANNA DRIVE AND JIM OSWALT WAY.	MAINTAIN TWO 11' LANES AT ALL TIMES. PROVIDE DRIVEWAY ACCESS AT ALL TIMES.CONTRACTOR TO GET TRAFFIC CONTROL PLAN APPROVED BEFORE CONSTRUCTION BEGINS.
	SOUTHEAST AND NORTHEAST QUADRANT INTERSECTION OF GREEN ISLAND RD AND MEZZETTA CT – DEMOLISH CURB, GUTTER, SIDEWALK. CONSTRUCT CURB, GUTTER AND CURB RAMP.	MAINTAIN PEDESTRAIN TRAFFIC WITH SIGNED DETOURS AS NECESSARY.
	CONSTRUCTION TEMPORARY PAVEMENT NORTH SIDE OF GREEN ISLAND ROAD FROM STATION "G" 28+04 TO 38+85.	MAINTAIN TRAFFIC ON EXISTING LANE LINES.

SEE SHEET SC-2

REVISION	DESCRIPTION	APPROVED	DATE

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CALIFORNIA
ENGINEERING DIVISION
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American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

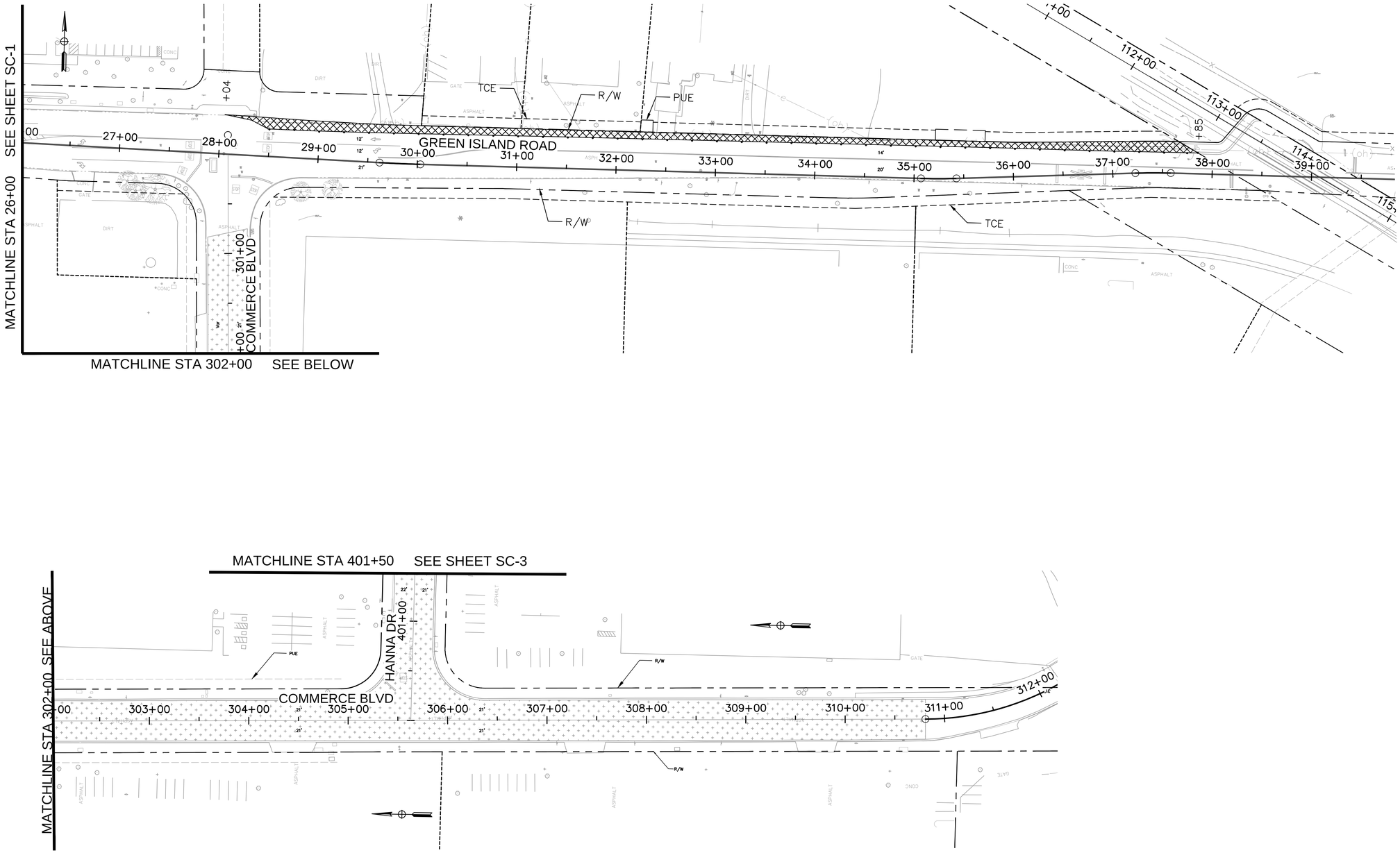
PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 1

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: 1" = 50'
PROJECT NO. A48–100
DRAWING NO. SC-1
78 OF 148 SHEETS

ORIGINAL SCALE: 1" = 50' GREEN ISLAND RD WIDENING SC–1

Plot Scale:1" = 1'–0"
Plot Date/Time: Monday, February 8, 2021 12:30:29 PM
File Name and Location: S:\Client\American Canyon\A48–200 Green Island Road\500–Design\505 – CADD Files\A48200rmd001.dwg



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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 1

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AM
SCALE:	1" = 50'
PROJECT NO.	A48-100
DRAWING NO.	**SC-2**

79 OF 148 SHEETS

SC-2 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 12:31:03 PM
Plot Scale: 1" = 1'-0"
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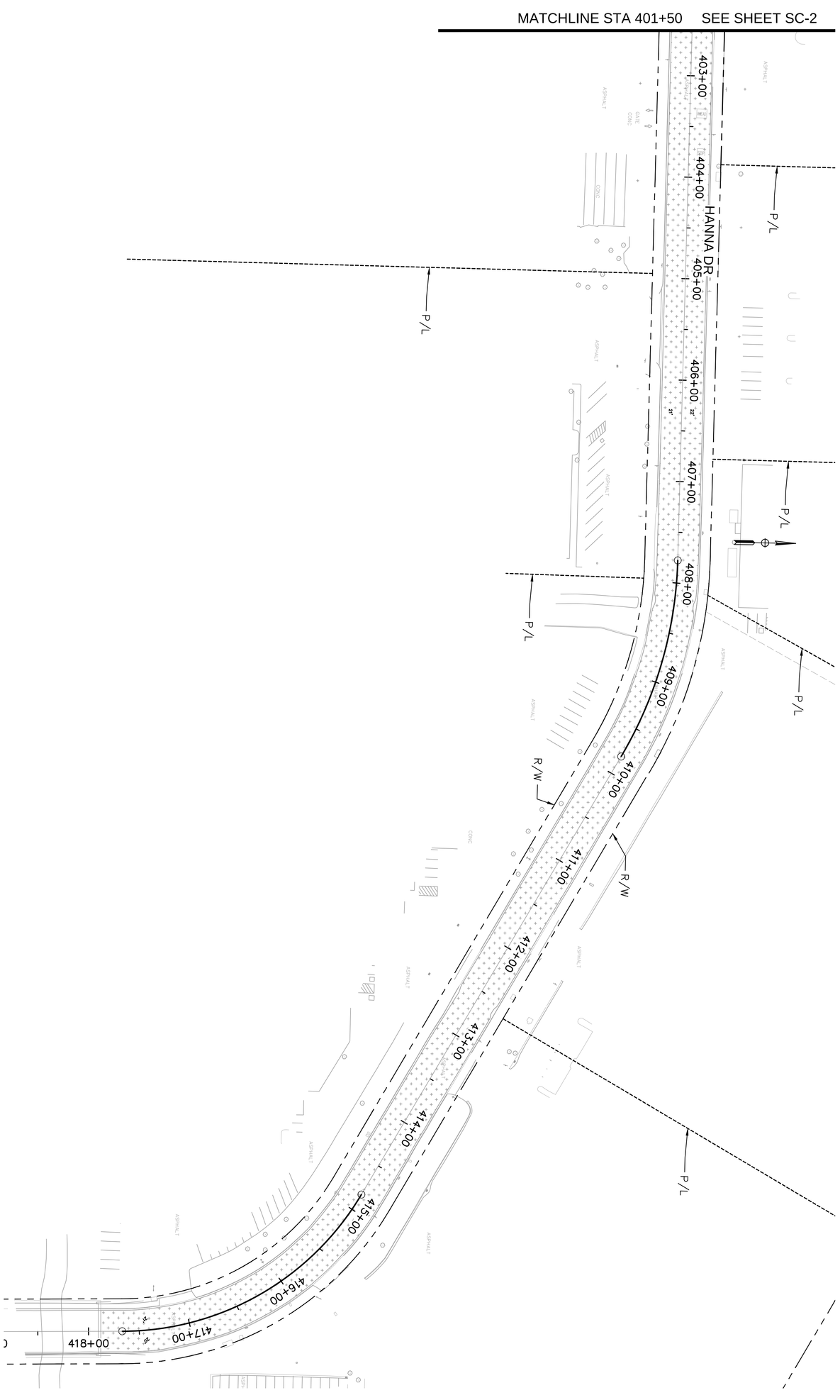

DESIGNED BY:	SN	PROJECT:	GREEN ISLAND RD WIDENING
DRAWN BY:	S		STAGE CONSTRUCTION - STAGE 1
CHECKED BY:	AM		
SCALE:	1" = 50'		
PROJECT NO.	A48-100		
DRAWING NO.	SC-3		
80 OF 148 SHEETS			

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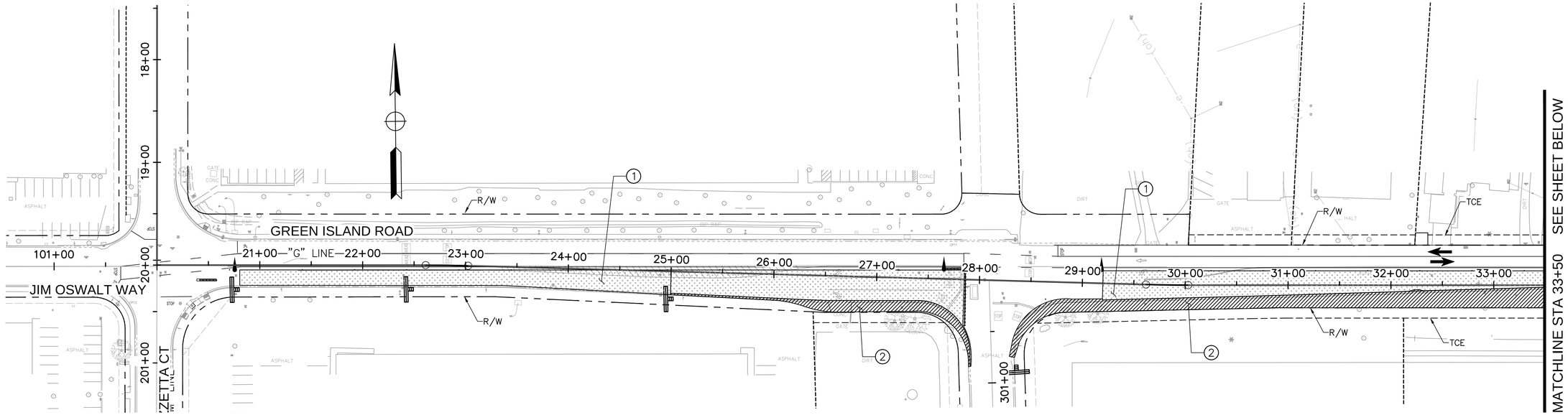
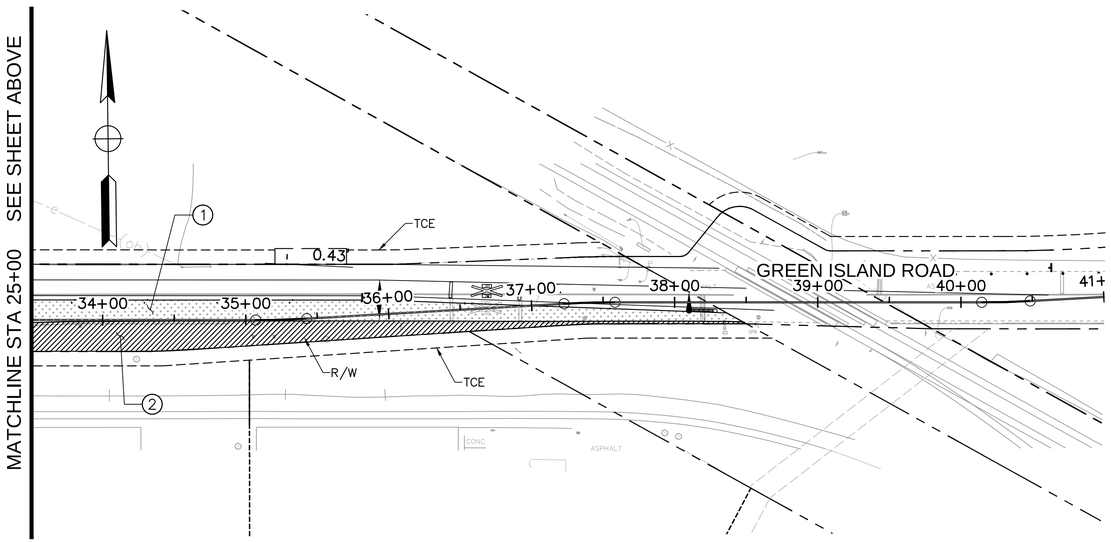
REVISION	DESCRIPTION	APPROVED	DATE





STAGE 2A CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
2A	(1) REMOVE BASE AND SURFACE, CONSTRUCT CURB & GUTTER, FULL DEPTH RECLAMATION AND FROM STA "G" 20+80 TO 27+87 AND FROM STA "G" 29+20 TO 38+50. (2) CONSTRUCT CURB & GUTTER AND NEW PERMANENT PAVEMENT WIDENING FROM STA "G" 28+75 TO 38+50.	SHIFT TRAFFIC NORTH AND MAINTAIN WEST BOUND LANE AT 12' Min AND EAST BOUND AT 13' FROM STA "G" 20+80 TO 27+94. SHIFT TRAFFIC NORTH AND REDUCE WEST BOUND AND EAST BOUND LANE TO 11' FROM STA "G" 28+75 TO 38+50. MAINTAIN 1' Shld BUFFER BETWEEN ETW AND TEMPORARY RAILING (TYPE K).

Plot Date/Time: Monday, February 8, 2021 12:34:23 PM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200sma002A.dwg

REVISION	DESCRIPTION	APPROVED	DATE

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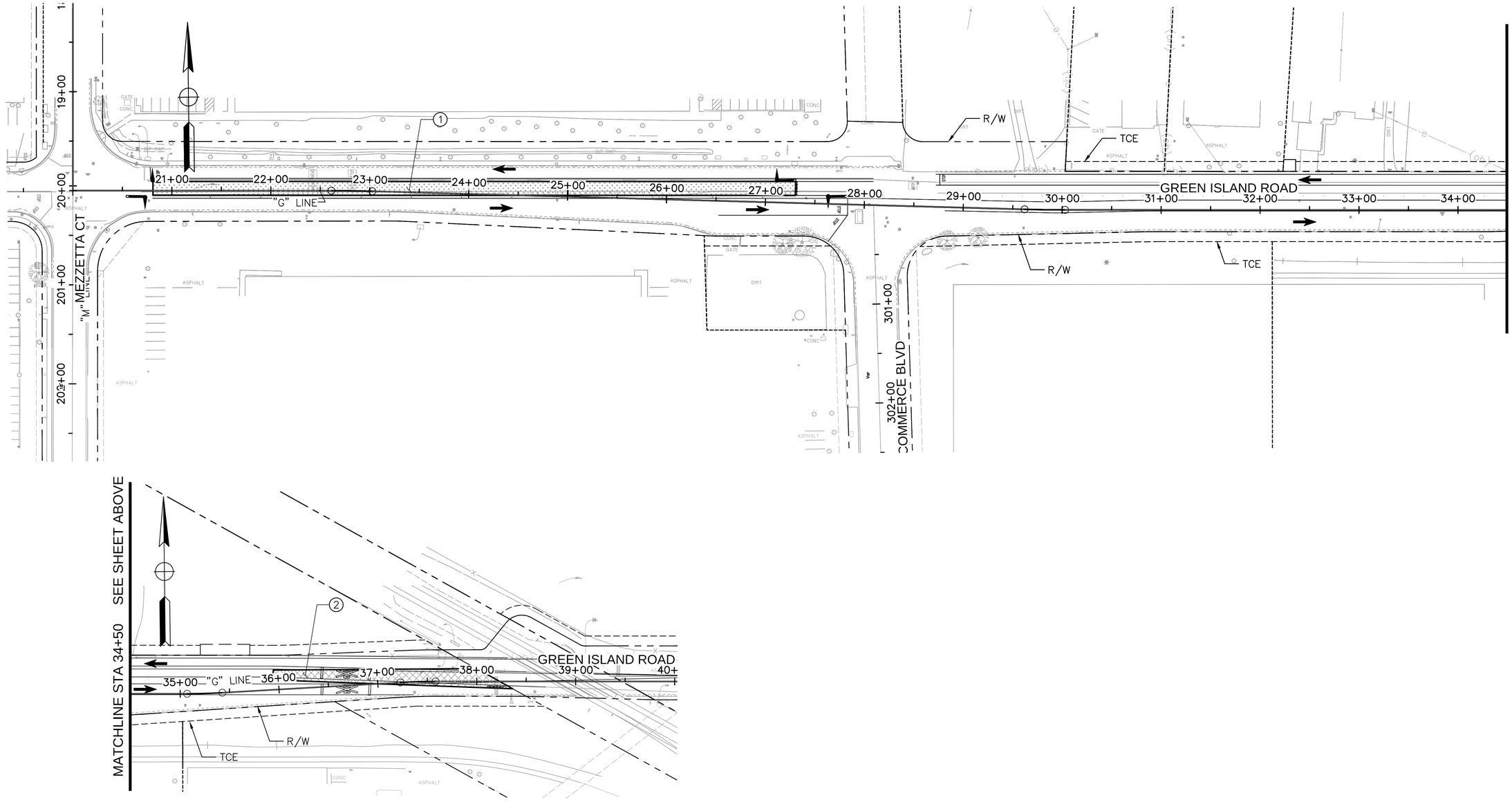
PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 2A

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. SC-4
81 OF 148 SHEETS

SC-4 GREEN ISLAND RD WIDENING
ORIGINAL SCALE: 1 INCHES



STAGE 2B CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
2B	(1) REMOVE BASE AND SURFACE AND CONSTRUCT FULL DEPTH RECLAMATION FROM STA "G" 20+80 TO 28+06. (2) REMOVE BASE AND SURFACE AND CONSTRUCT PERMANENT PAVEMENT FROM STA "G" 35+96 TO 38+36 (NIGHT WORK).	MAINTAIN WEST BOUND TRAFFIC FROM STAGE 2A AND REDUCE WEST BOUND LANE TO 11'. SHIFT EAST BOUND TRAFFIC SOUTH ONTO PROPOSED PAVEMENT AND REDUCE LANE TO 11'. MAINTAIN 1' Shld BUFFER BETWEEN ETW AND TEMPORARY RAILING (TYPE K). DRIVEWAY A TO REMAIN OPEN AT ALL TIMES.

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 2B

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	SC-5

82 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
SC-5 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 12:37:18 PM
Plot Scale=1" = 1'-0"
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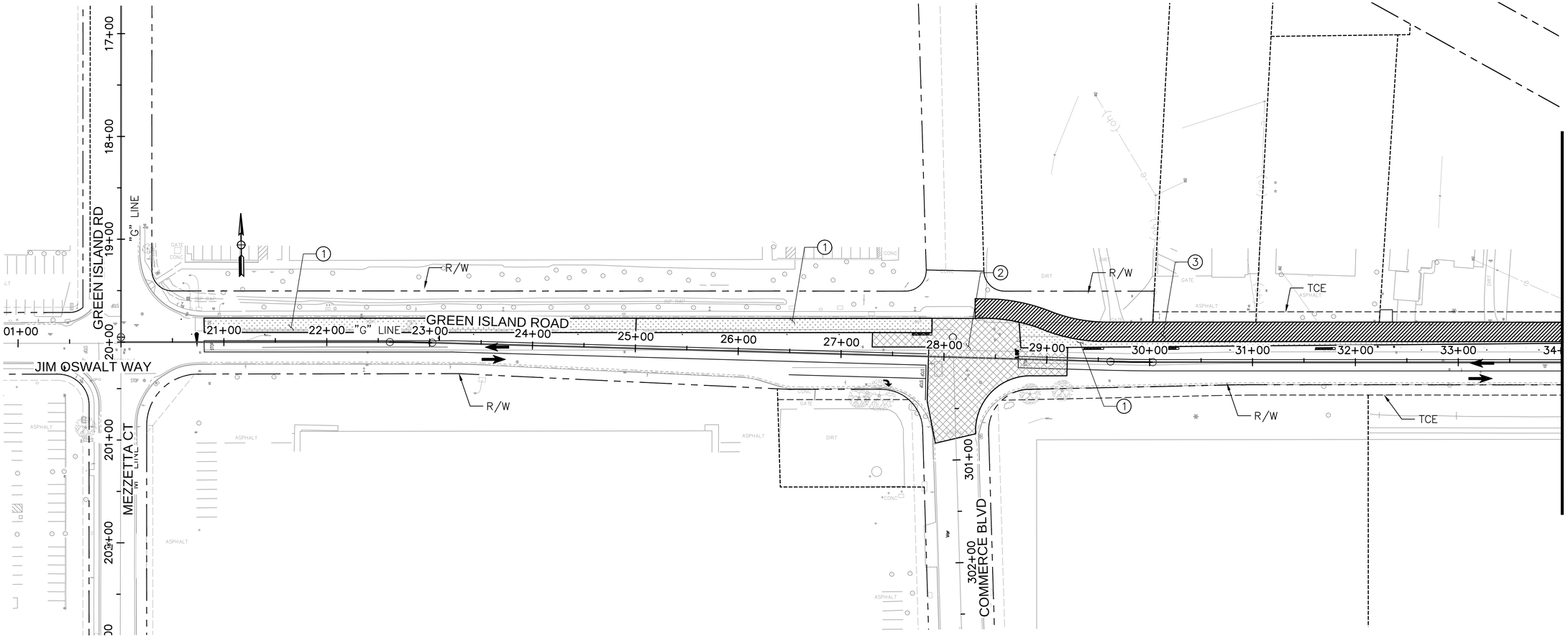

STAGE 2C CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
2C	① REMOVE BASE AND SURFACE AND FULL DEPTH RECLAMATION FROM STA "G" 20+80 TO 28+29 AND FROM STA "G" 28+73 TO 35+00.	SHIFT TRAFFIC SOUTH ON GREEN ISLAND ROAD ONTO NEW PAVEMENT WITH 11' LANE IN EACH DIRECTION.
	② REMOVE BASE AND SURFACE AND CONSTRUCT DRIVEWAY "A" AND FULL DEPTH PAVEMENT FROM STA "G" 27+30 TO 29+20 (NIGHT WORK).	SHIFT EAST BOUND TRAFFIC SOUTH ONTO PROPOSED PAVEMENT AND REDUCE LANE TO 11'.
	③ REMOVE TEMPORARY PAVEMENT BASE AND SURFACE AND CONSTRUCT CURB AND GUTTER, BIKE TRAIL, BIORETENTION, PUE PULLOUT AND DRIVEWAY "B" TO "G" FROM STA "G" 28+29 TO 38+00.	MAINTAIN TRAFFIC ON EXISTING LANE LINES. MAINTAIN 1' Shld BUFFER BETWEEN ETW AND TEMPORARY RAILING (TYPE K).
	④ CONSTRUCT TEMPORARY PAVEMENT FROM STA 38+84 TO 70+50.	MAINTAIN ACCESS TO DRIVEWAYS "A" TO "L" AT ALL TIMES.

REVISION	DESCRIPTION	APPROVED	DATE

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PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 2C

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: 1" = 50'
PROJECT NO. A48-100
DRAWING NO. SC-6
83 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
SC-6 GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 12:39:26 PM
Plot Scale:1" = 1'-0"
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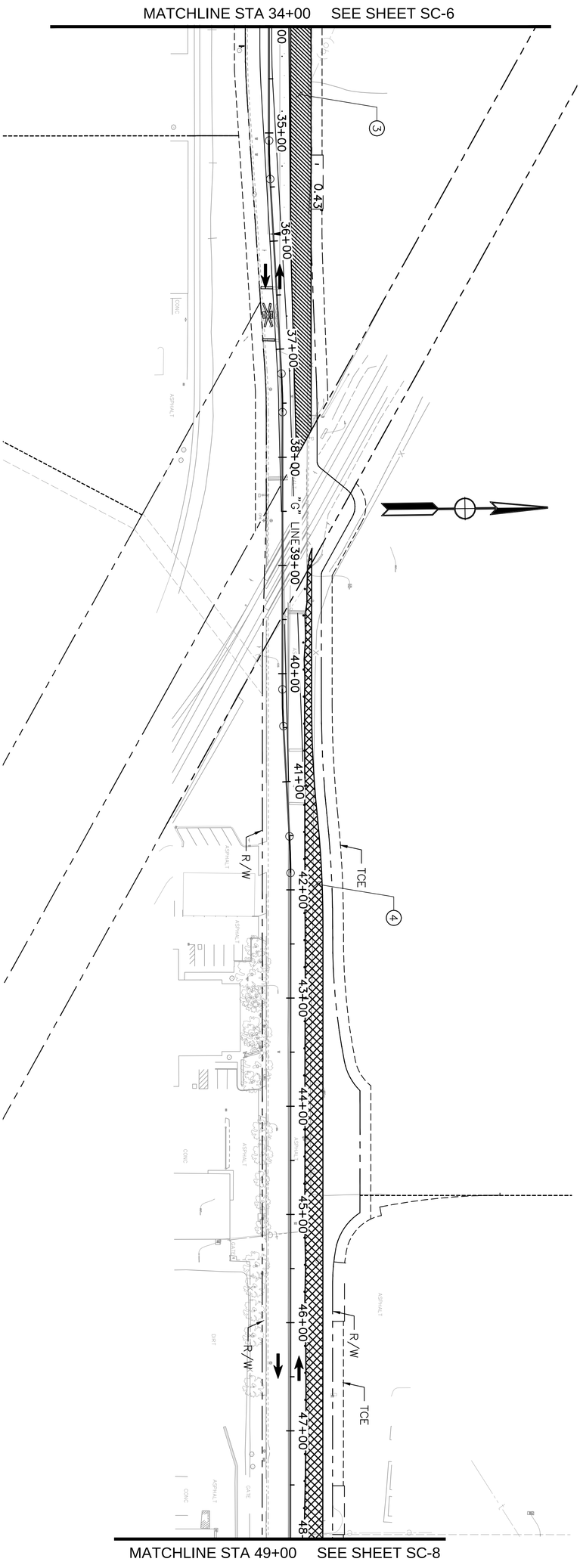

DESIGNED BY: SN	DRAWN BY: SN	CHECKED BY: AM	SCALE: 1" = 50'
PROJECT NO. A48-100	DRAWING NO. SC-7	84 OF 148 SHEETS	

PROJECT:

GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 2C

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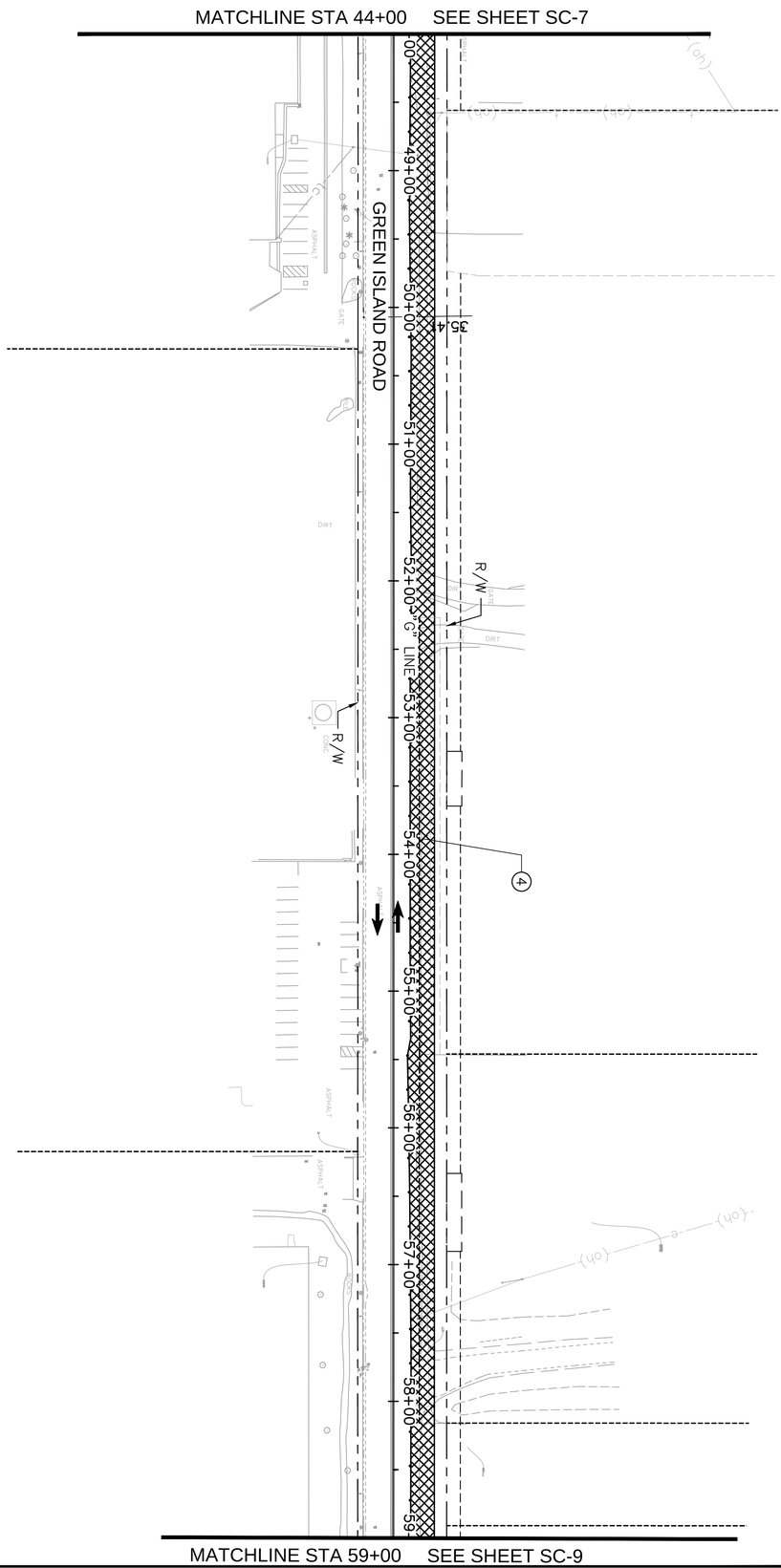
American Canyon, CA 94503
Phone: (707) 647-4562 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE



DESIGNED BY:	SC
DRAWN BY:	SC
CHECKED BY:	AM
SCALE:	1" = 50'
PROJECT NO.	A48-100
DRAWING NO.	**SC-8**
	85 OF 148 SHEETS

PROJECT:

GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 2C

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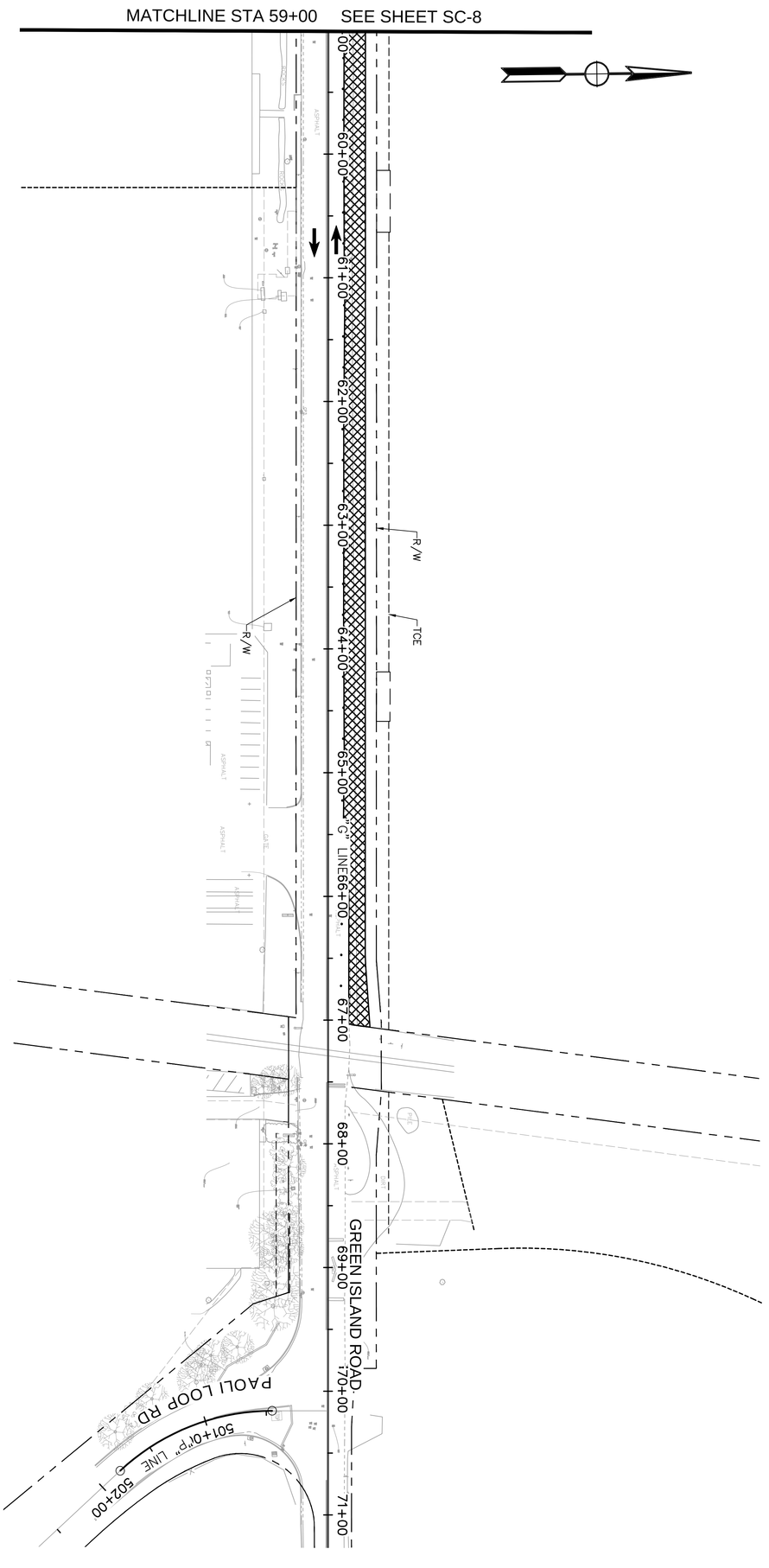
REVISION	DESCRIPTION	APPROVED	DATE

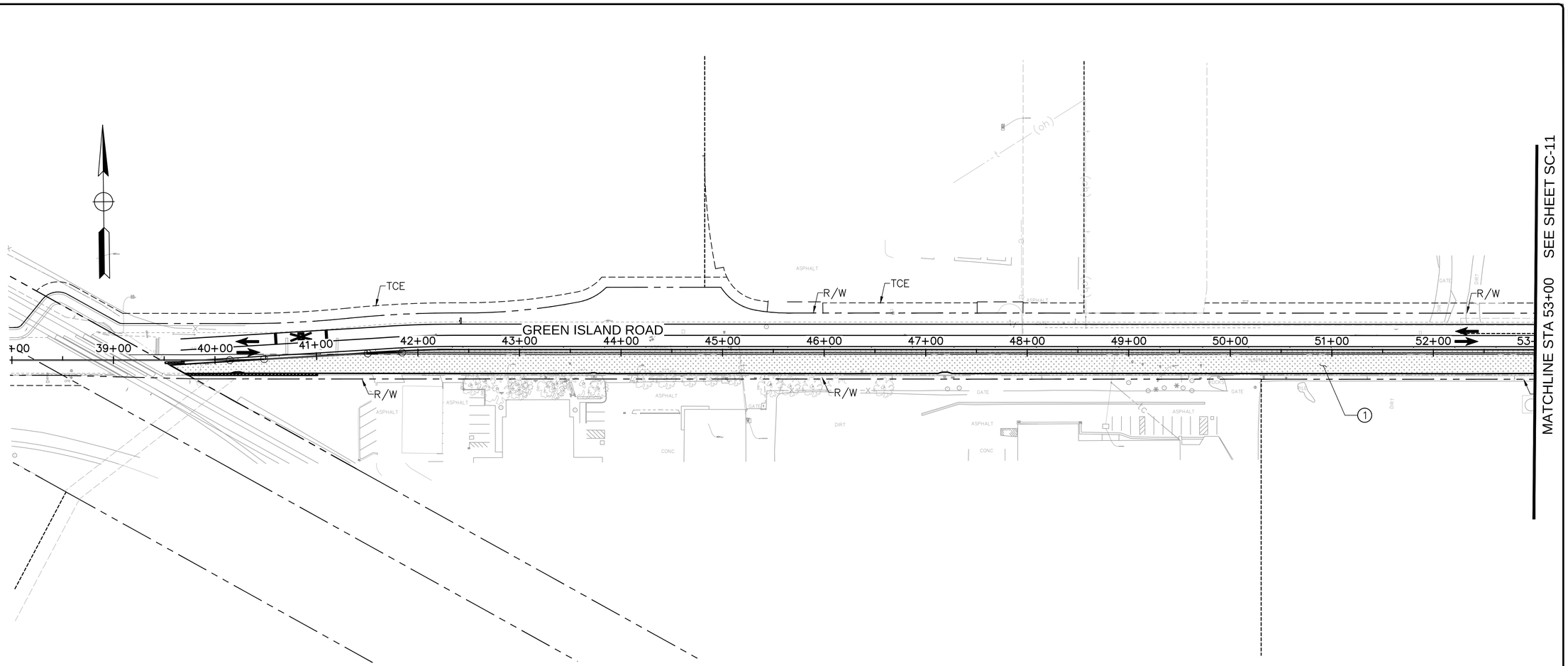


DRAWING NO. SC-9	PROJECT NO. A48-100	SCALE: 1" = 50'	CHECKED BY: AM	DRAWN BY: SN	DESIGNED BY: SN	PROJECT: GREEN ISLAND RD WIDENING	CITY OF AMERICAN CANYON CALIFORNIA PUBLIC WORKS ENGINEERING DIVISION 4381 Broadway, Suite 201 American Canyon, CA 94503 Phone: (707) 647-4562 Fax: (707) 643-2389

STAGE CONSTRUCTION - STAGE 2C

REVISION	DESCRIPTION	APPROVED	DATE

86 OF 148 SHEETS



STAGE 3 CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
3	(1) REMOVE BASE AND SURFACE AND CONSTRUCT FULL DEPTH RECLAMATION FROM STA "G" 39+61 TO 67+08. (2) REMOVE EXISTING C&G. CONSTRUCT NEW C&G AND PAVEMENT WIDENING FROM STA "G" 67+331 TO 69+95. (3) REMOVE BASE AND SURFACE AND CONSTRUCT NEW PERMANENT PAVEMENT FROM STA "G" 65+44 TO 67+22 (NIGHT WORK).	SHIFT TRAFFIC NORTH ON GREEN ISLAND ROAD ONTO NEW TEMPORARY PAVEMENT WITH 11' LANE IN EACH DIRECTION. MAINTAIN 1' Shld BUFFER BETWEEN ETW AND TEMPORARY RAILING (TYPE K). MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING
STAGE CONSTRUCTION - STAGE 3

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: 1" = 50'
PROJECT NO. A48-100
DRAWING NO. SC-10
87 OF 148 SHEETS

ORIGINAL SCALE: 1" 0 1" 2" 3" 4" INCHES
GREEN ISLAND RD WIDENING
SC-10

Plot Date/Time: Monday, February 8, 2021 12:42:14 PM
Plot Scale:1" = 1'-0"
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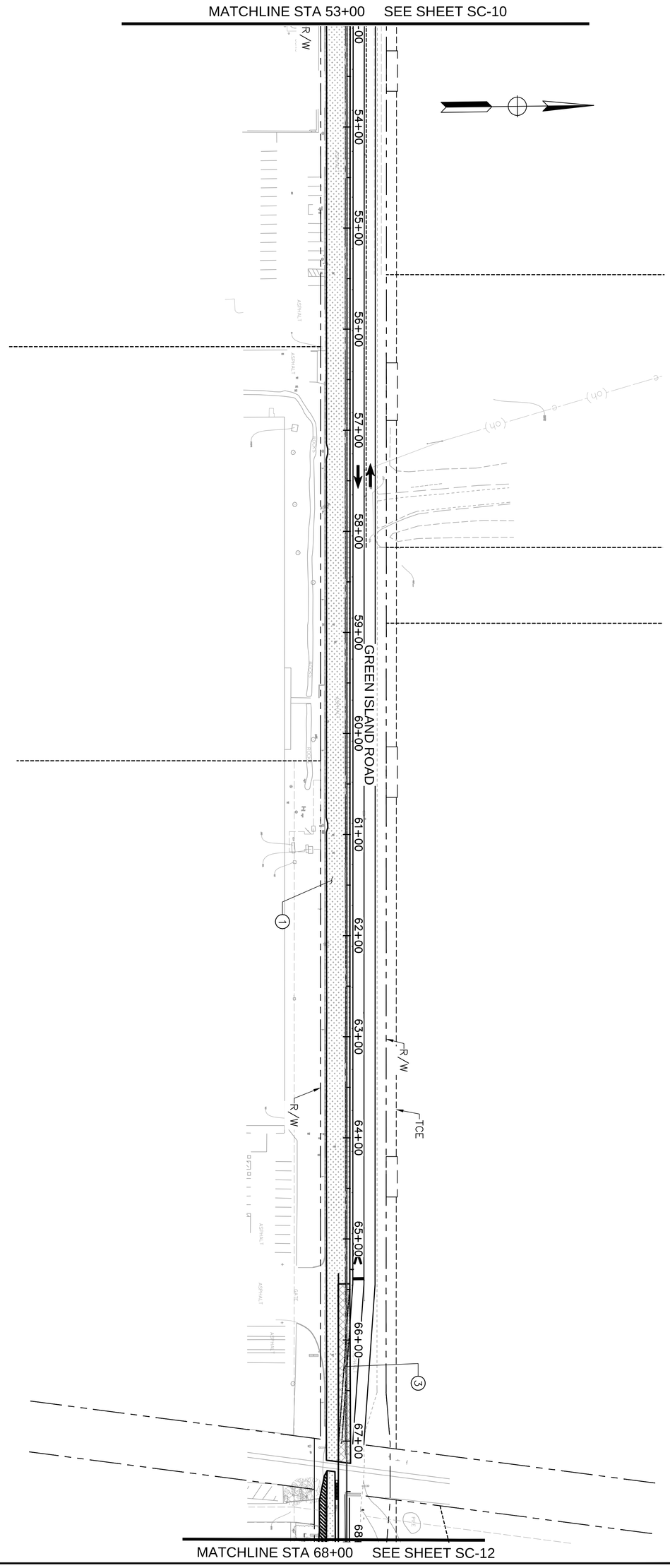

DRAWING NO.	SC-11
PROJECT NO.	A48-100
SCALE:	1" = 50'
CHECKED BY:	AM
DRAWN BY:	SN
DESIGNED BY:	SN

88 OF 148 SHEETS

PROJECT:

GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 3

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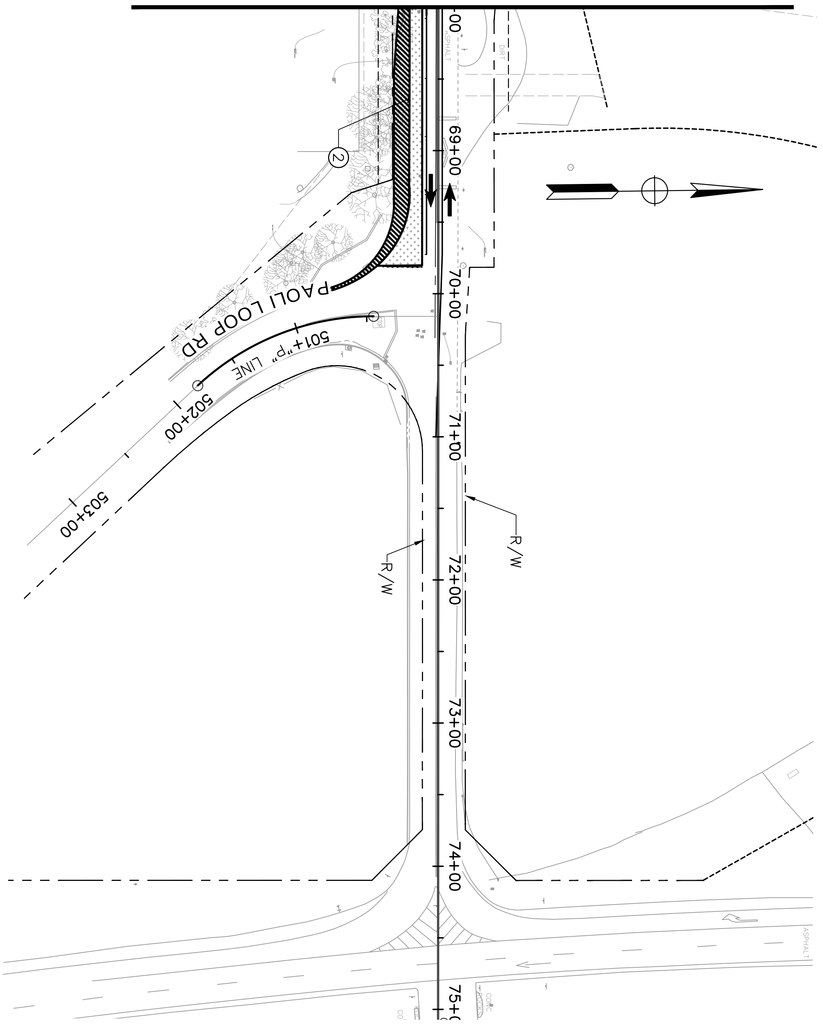
REVISION	DESCRIPTION	APPROVED	DATE

MATCHLINE STA 68+00 SEE SHEET SC-11



MATCHLINE STA 55+00 SEE SHEET SC-24

DRAWING NO.	SC-12	DESIGNED BY:	SN
PROJECT NO.	A48-100	DRAWN BY:	SN
SCALE:	1" = 50'	CHECKED BY:	AM

89 OF 148 SHEETS

PROJECT:

GREEN ISLAND RD WIDENING

SC AND TH PLAN - STAGE 3

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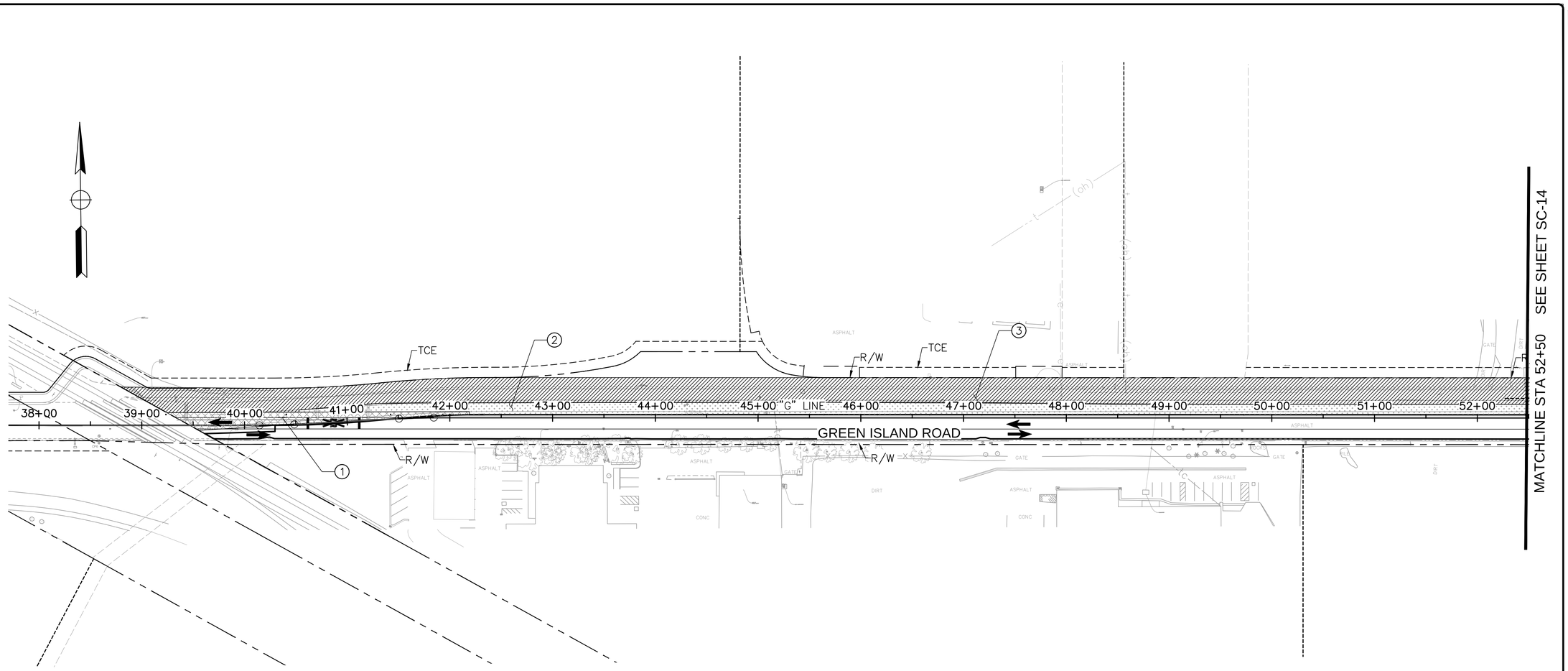
REVISION	DESCRIPTION	APPROVED	DATE



STAGE 4 CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
4	(1) REMOVE BASE AND SURFACE AND CONSTRUCT PERMANENT PAVEMENT FROM STA "G" 39+24 TO 42+19 AND STA "G" 67+30 TO 69+82 (NIGHT WORK). (2) REMOVE BASE AND SURFACE AND CONSTRUCT FULL DEPTH RECLAMATION FROM STA "G" 39+80 TO 69+82. AND C&G FROM STA "G" 69+82 TO 70+79. (3) CONSTRUCT CURB AND GUTTER, BIKE TRAIL, BIORETENTION DRIVEWAYS "H" TO TO "L" , PUE PULLOUT AND NEW PAVEMENT FROM STA "G" 39+80 TO 69+82.	SHIFT TRAFFIC SOUTH ON GREEN ISLAND ROAD ONTO NEW PAVEMENT WITH 11' LANE IN EACH DIRECTION. MAINTAIN 1' Shld BUFFER BETWEEN ETW AND TEMPORARY RAILING (TYPE K). MAINTAIN DRIVEWAYS ACCESS AT ALL TIMES.

Plot Scale=1" = 1'-0"
Plot Date=Monday, February 8, 2021 12:44:41 PM
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REVISION	DESCRIPTION	APPROVED	DATE

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American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 4

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AM
SCALE: 1" = 50'
PROJECT NO. A48-100
DRAWING NO. SC-13
90 OF 148 SHEETS

SC-13 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

REVISION	DESCRIPTION	APPROVED	DATE

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PROJECT:

GREEN ISLAND RD WIDENING

SC AND TH PLAN - STAGE 3

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AM
SCALE:	1" = 50'
PROJECT NO.	A48-100
DRAWING NO.	**SC-14**

91 OF 148 SHEETS

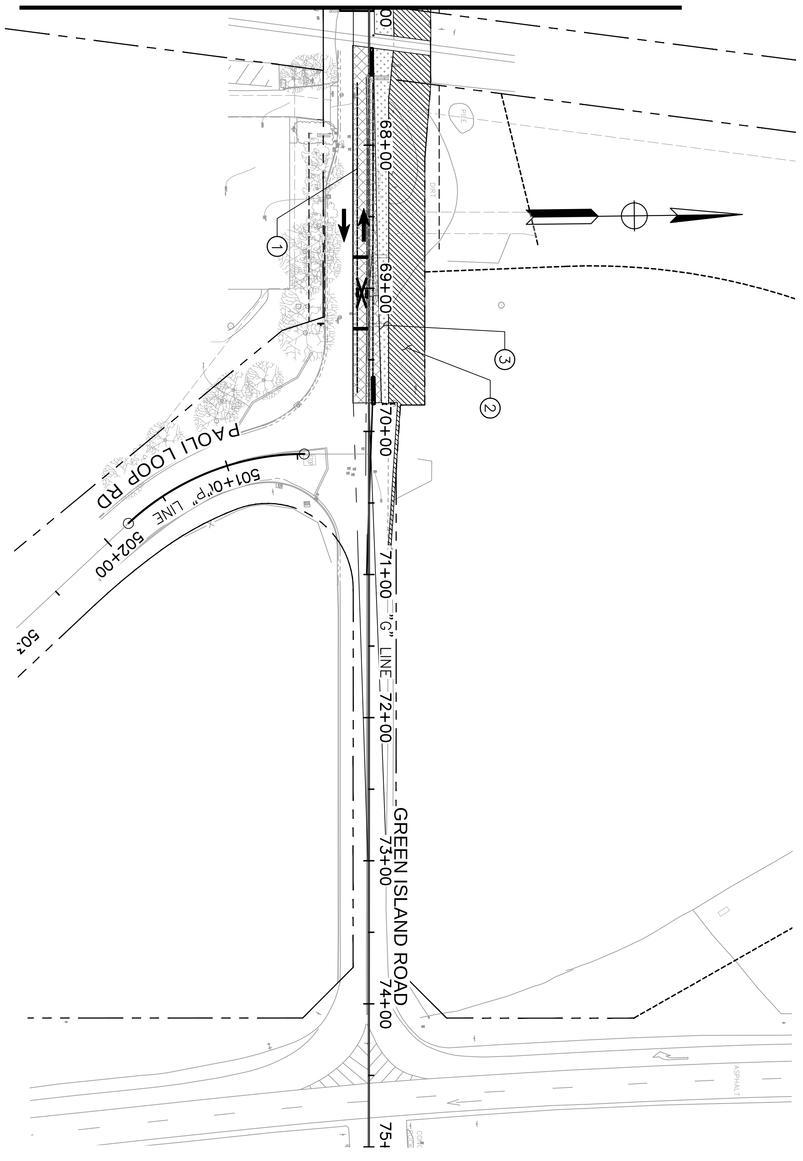
SC-14 ORIGINAL SCALE: GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:17:38 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\505 - CADD Files\A48200msd004.dwg

MATCHLINE STA 68+00 SEE SHEET SC-14



MATCHLINE STA 55+00 SEE SHEET SC-30

SC-15	92 OF 148 SHEETS	DRAWING NO.	SC-15
PROJECT NO.	A48-100		
SCALE:	1" = 50'		
CHECKED BY:	AM		
DRAWN BY:	SN		
DESIGNED BY:	SN		

PROJECT:

GREEN ISLAND RD WIDENING

SC AND TH PLAN - STAGE 4

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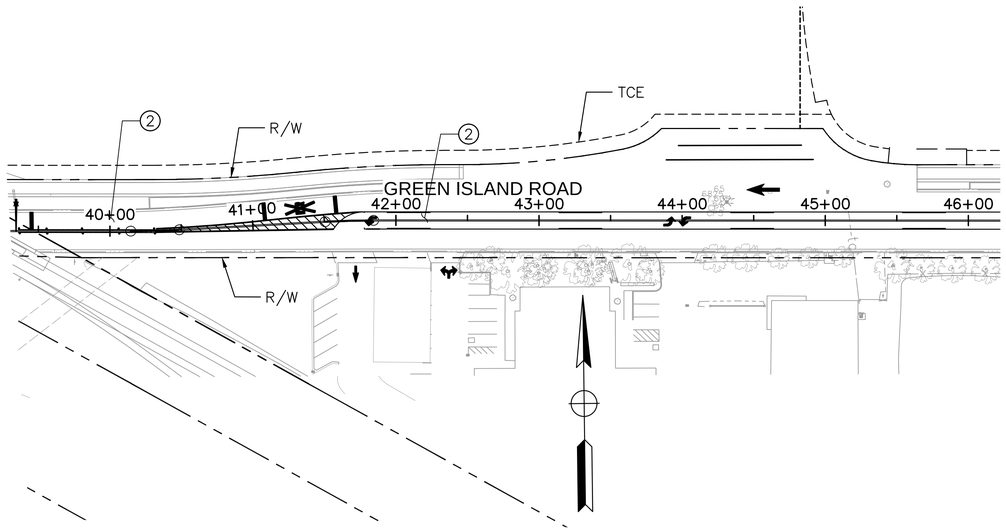
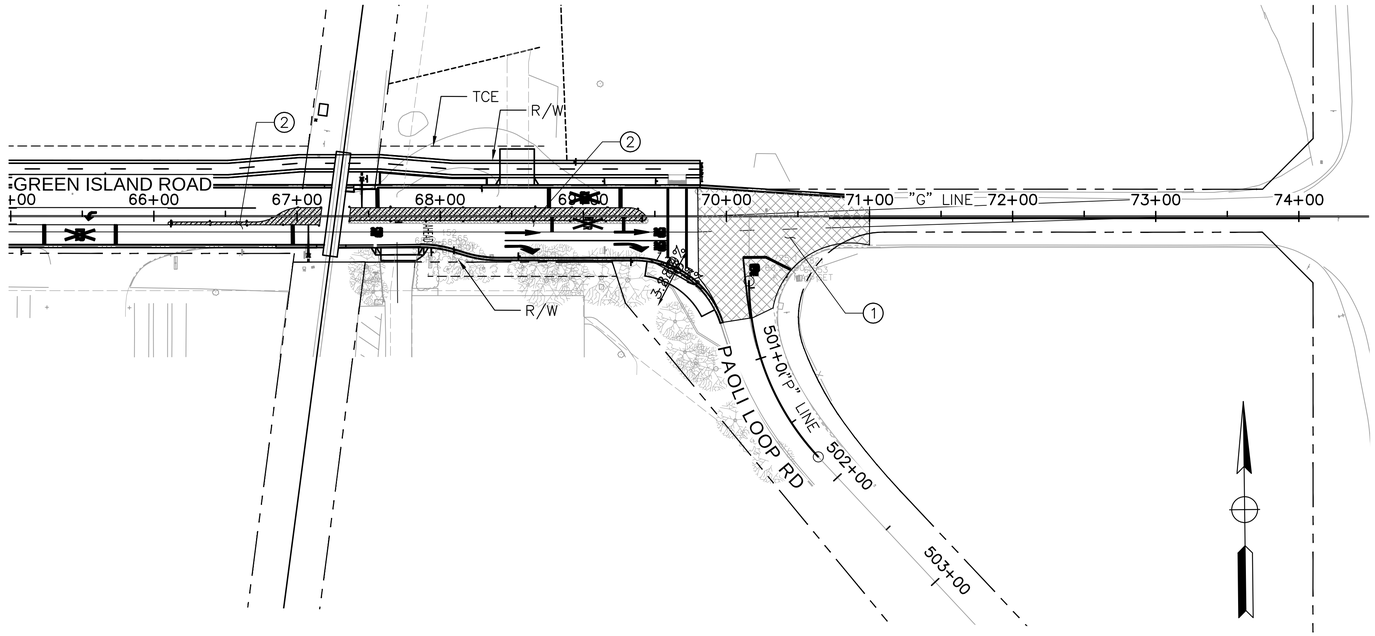
REVISION	DESCRIPTION	APPROVED	DATE



STAGE 4A CONSTRUCTION SCHEDULE

STAGE	WORK TO BE PERFORMED	TRAFFIC
4A	(1) REMOVE BASE AND SURFACE AND CONSTRUCT FULL DEPTH PAVEMENT FROM STA "G" 69+82 TO 71+00 (NIGHT WORK). (2) CONSTRUCT MEDIAN ISLAND AND CURB FROM STA "G" 66+10 TO 67+16 AND STA "G" 67+36 TO 69+44.	PLACE PERMANENT STRIPING EAST OF RAILROAD AND MAINTAIN TRAFFIC ON PERMANENT LANELINES.



Plot Scale:1" = 1'-0"
Plot Date/Time:Monday, February 8, 2021 1:19:57 PM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd004A.dwg

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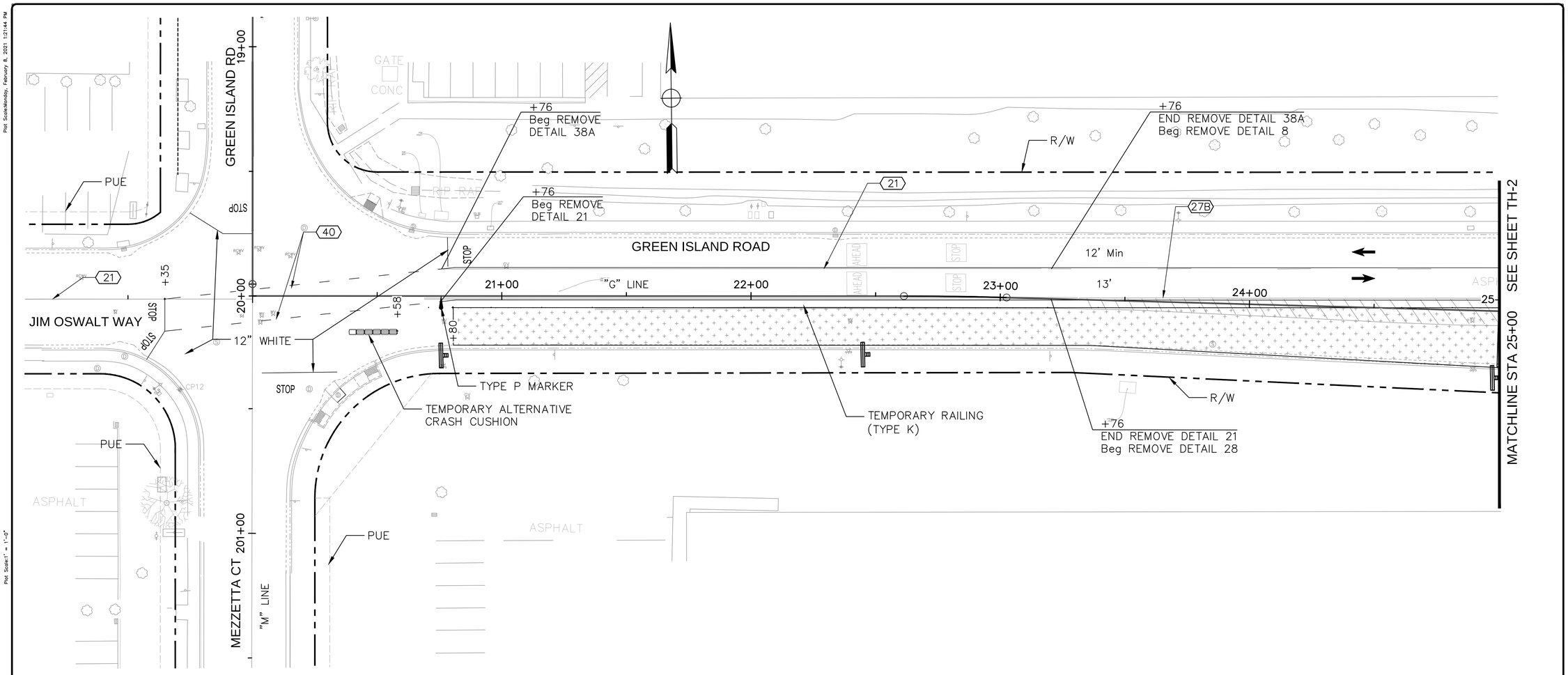
REVISION	DESCRIPTION	APPROVED	DATE

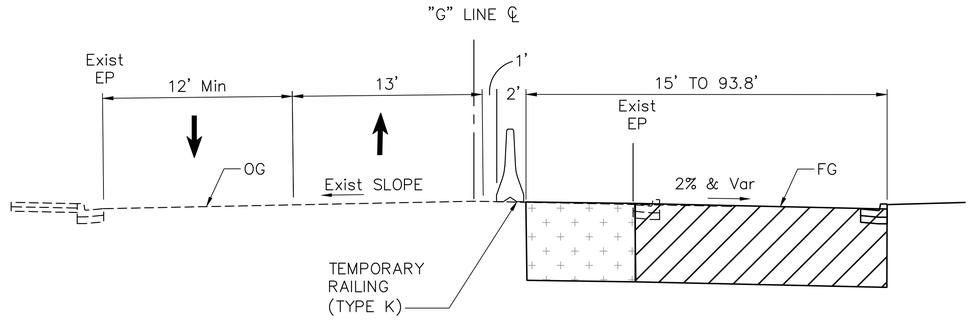
PROJECT:
GREEN ISLAND RD WIDENING

STAGE CONSTRUCTION - STAGE 4A

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AM
SCALE:	1" = 50'
PROJECT NO.	A48-100
DRAWING NO.	**SC-16**
	93 OF 148 SHEETS

SC-16 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING





GREEN ISLAND ROAD
STA 20+80 TO 27+94

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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2A

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-1

94 OF 148 SHEETS

ORIGINAL SCALE: 1" INCHES
TH-1 GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 1:21:44 PM
Plot Scale: 1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200tmd002A.dwg

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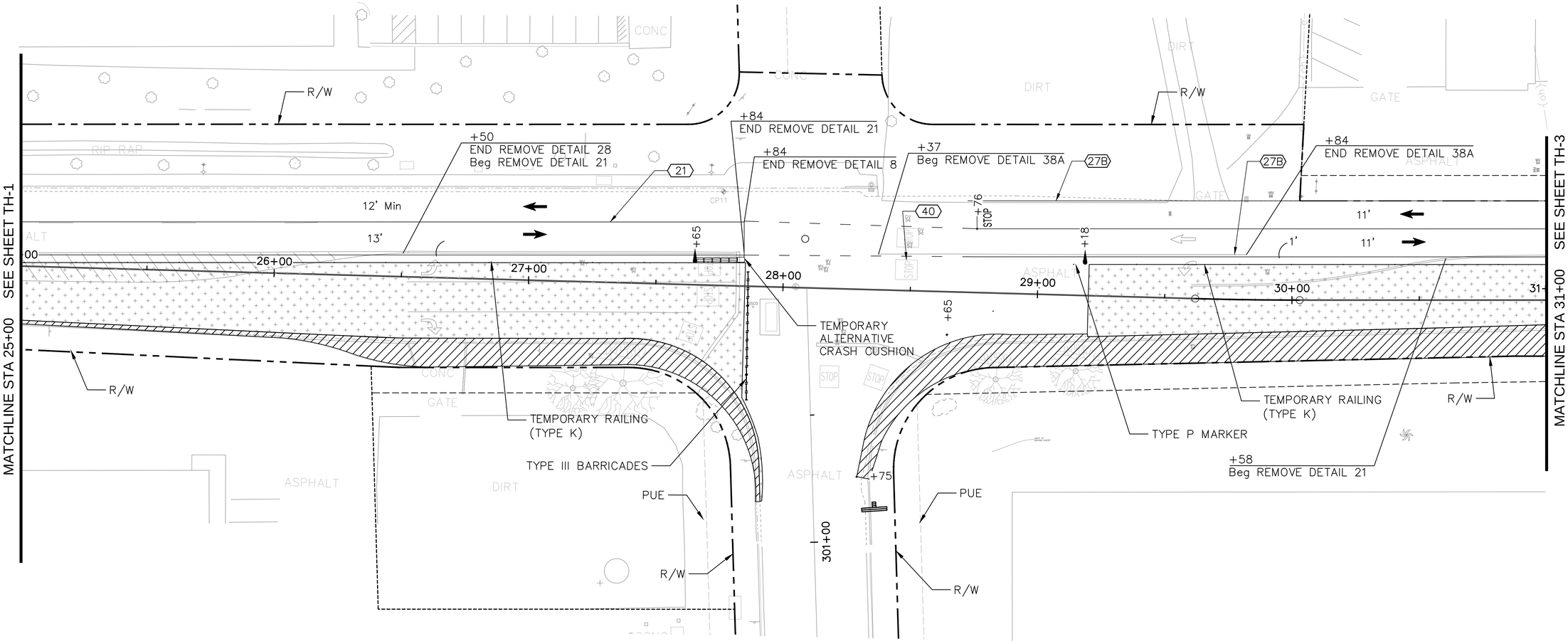
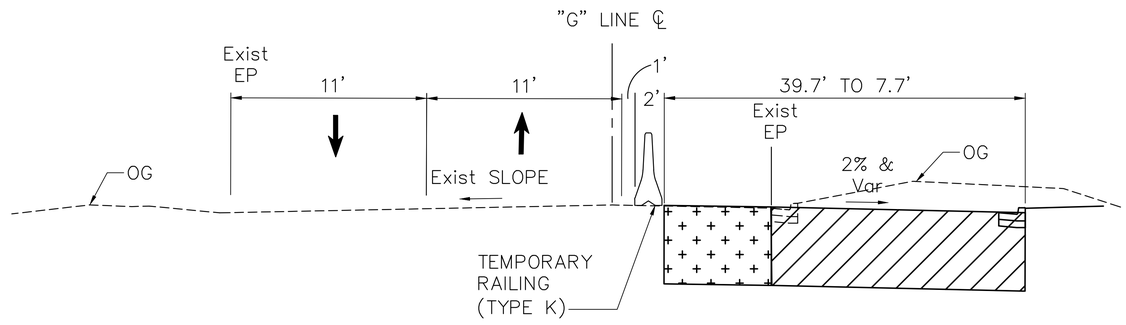




GREEN ISLAND ROAD
STA 28+75 TO 38+50

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

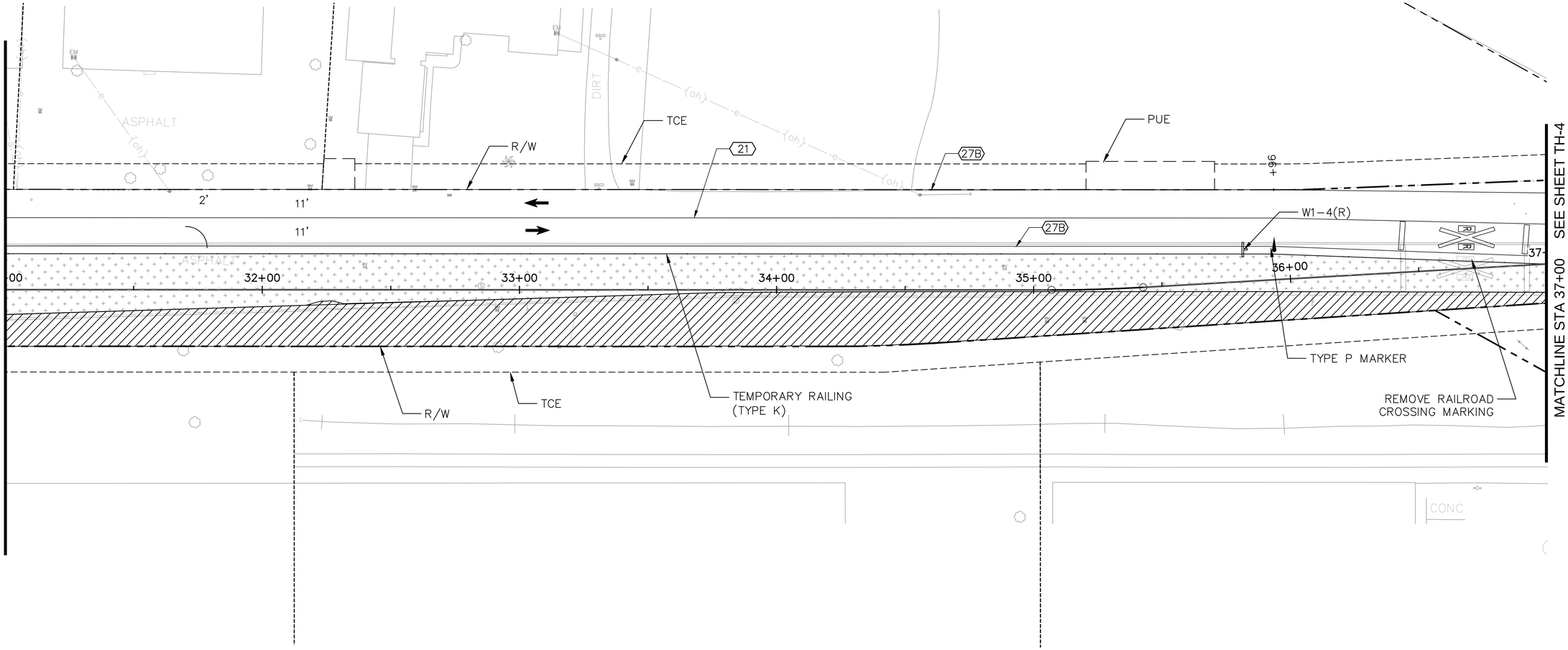
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2A

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **TH-2**

95 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
TH-2



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PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

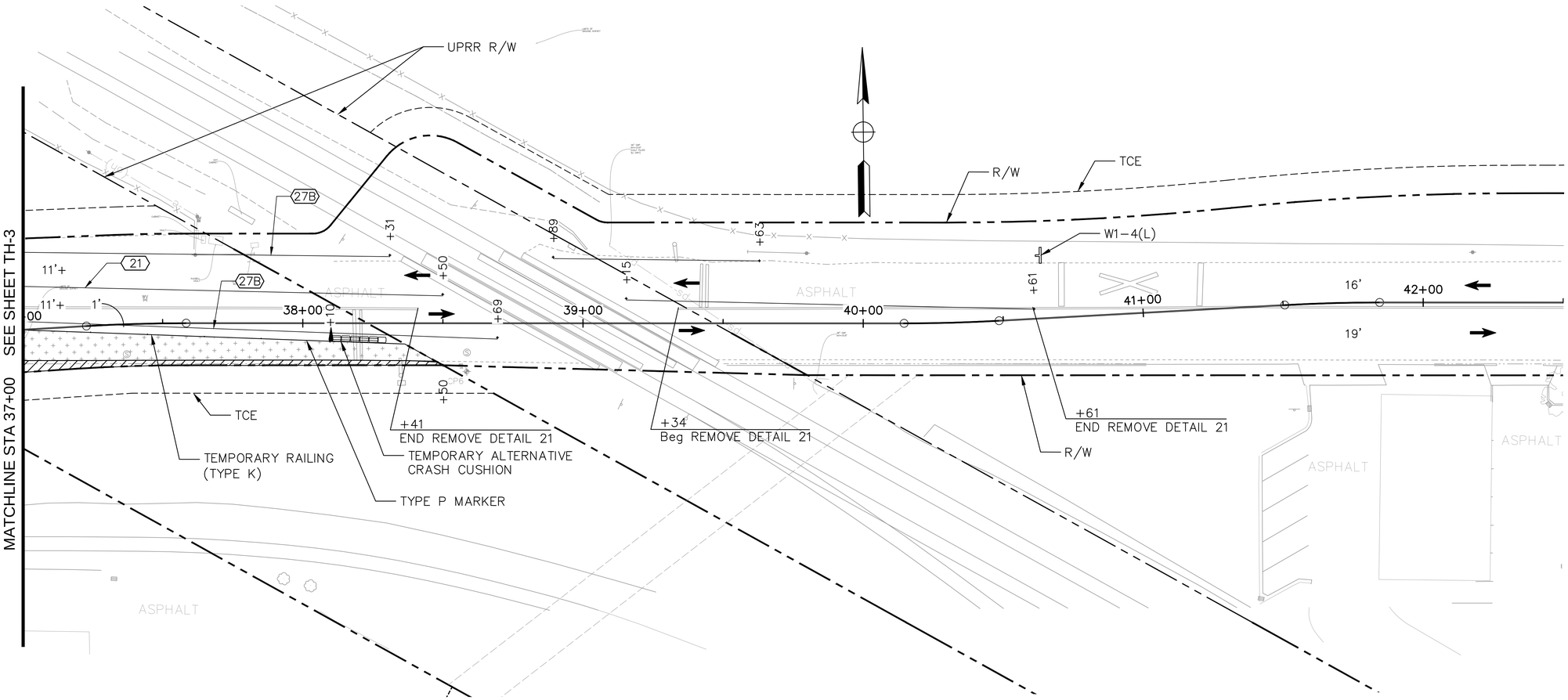
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2A

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-3**

96 OF 148 SHEETS

TH-3 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

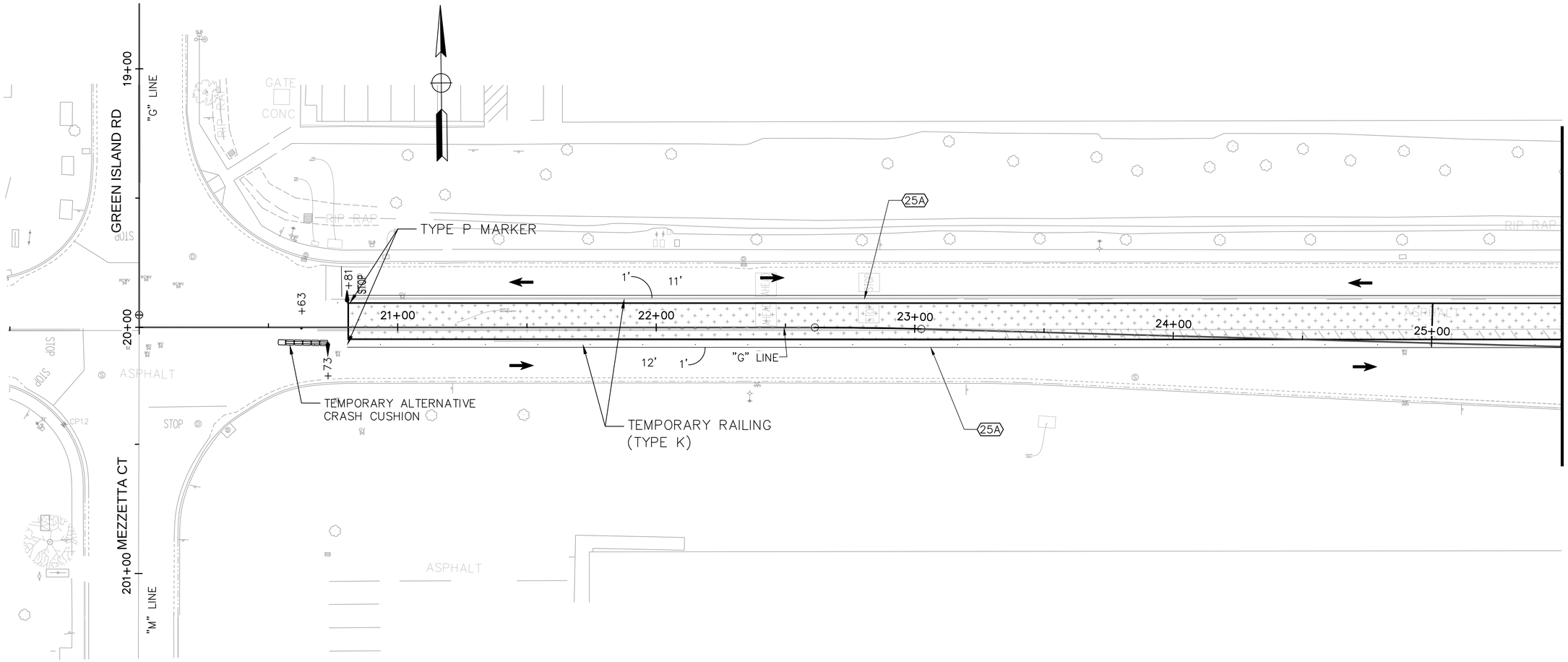
PROJECT:
GREEN ISLAND RD WIDENING

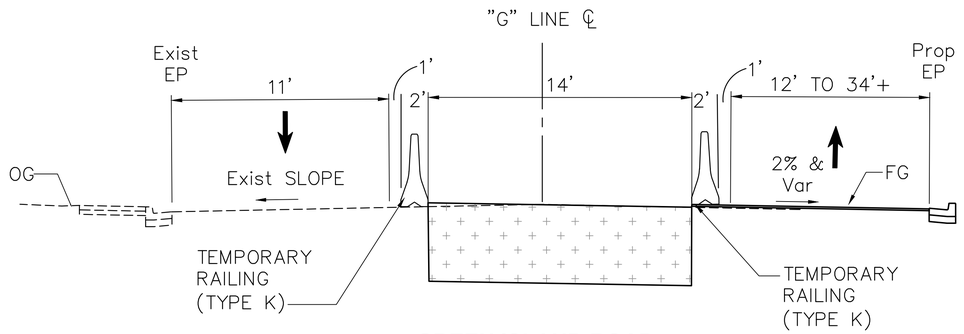
TRAFFIC HANDLING PLAN - STAGE 2A

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-4**

97 OF 148 SHEETS

TH-4 ORIGINAL SCALE: 0 1" 2" 3" 4 INCHES GREEN ISLAND RD WIDENING





GREEN ISLAND ROAD
STA 20+80 TO 28+06

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2B

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-5

98 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES

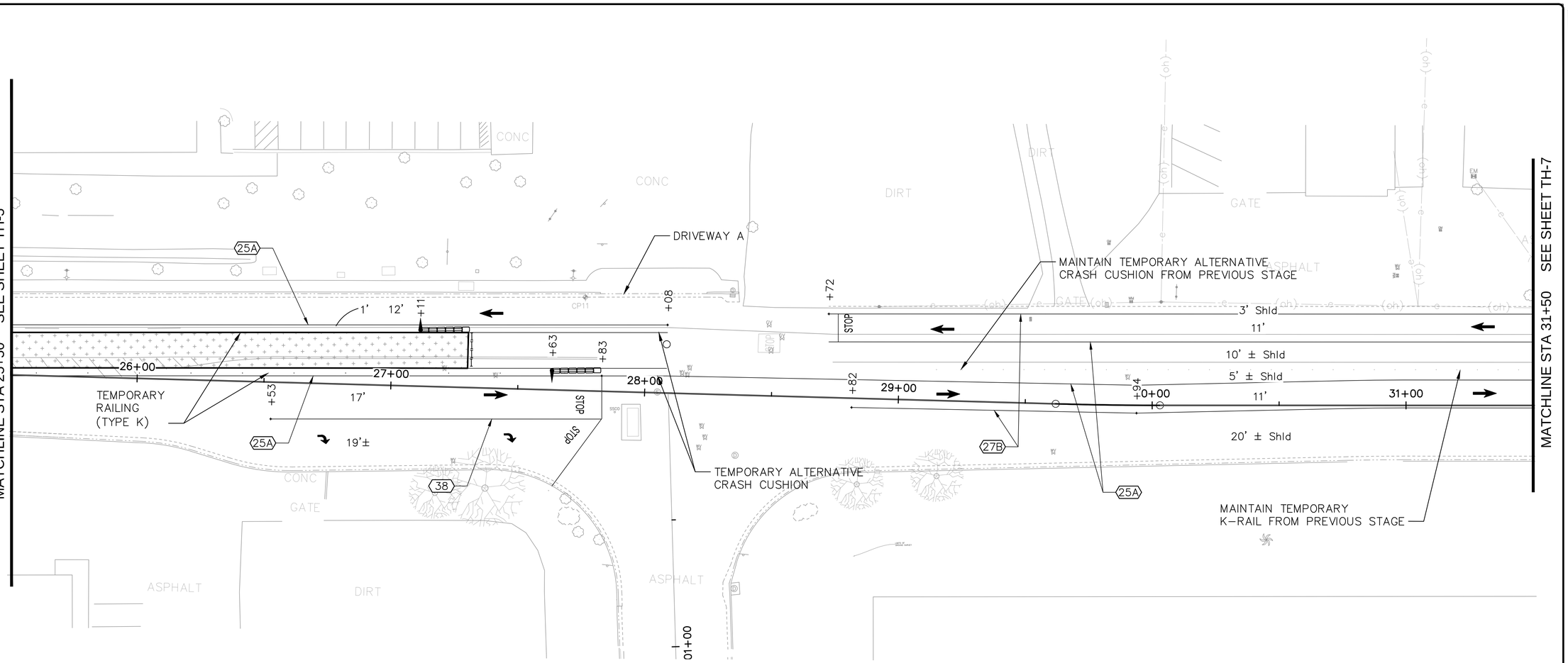
GREEN ISLAND RD WIDENING

TH-5

Plot Scale=Monday, February 8, 2021 1:24:19 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\505 - CADD Files\A48200mm0028.dwg



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2B

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **TH-6**

99 OF 148 SHEETS

TH-6 ORIGINAL SCALE: 0 1 2 INCHES GREEN ISLAND RD WIDENING

Plot Scale=1" = 1'-0"
Plot Scale=Monday, February 8, 2021 1:24:32 PM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200md0028.dwg

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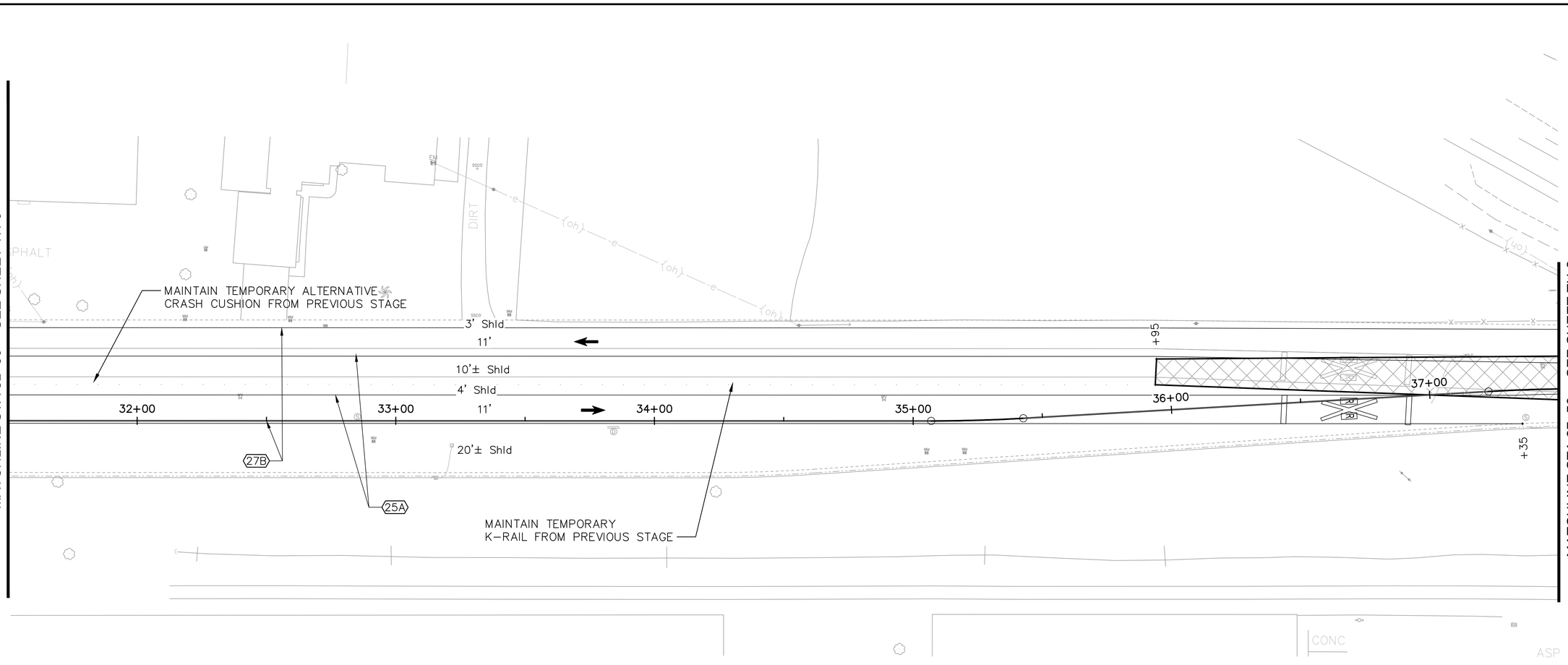
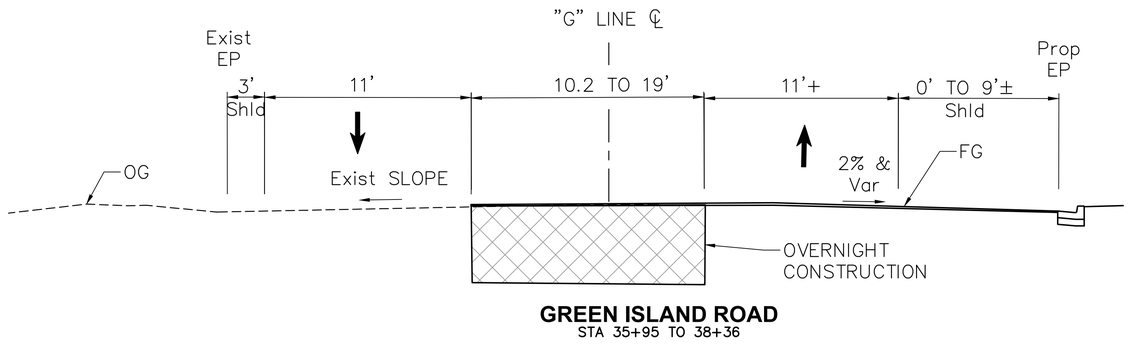




GREEN ISLAND ROAD
STA 35+95 TO 38+36

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

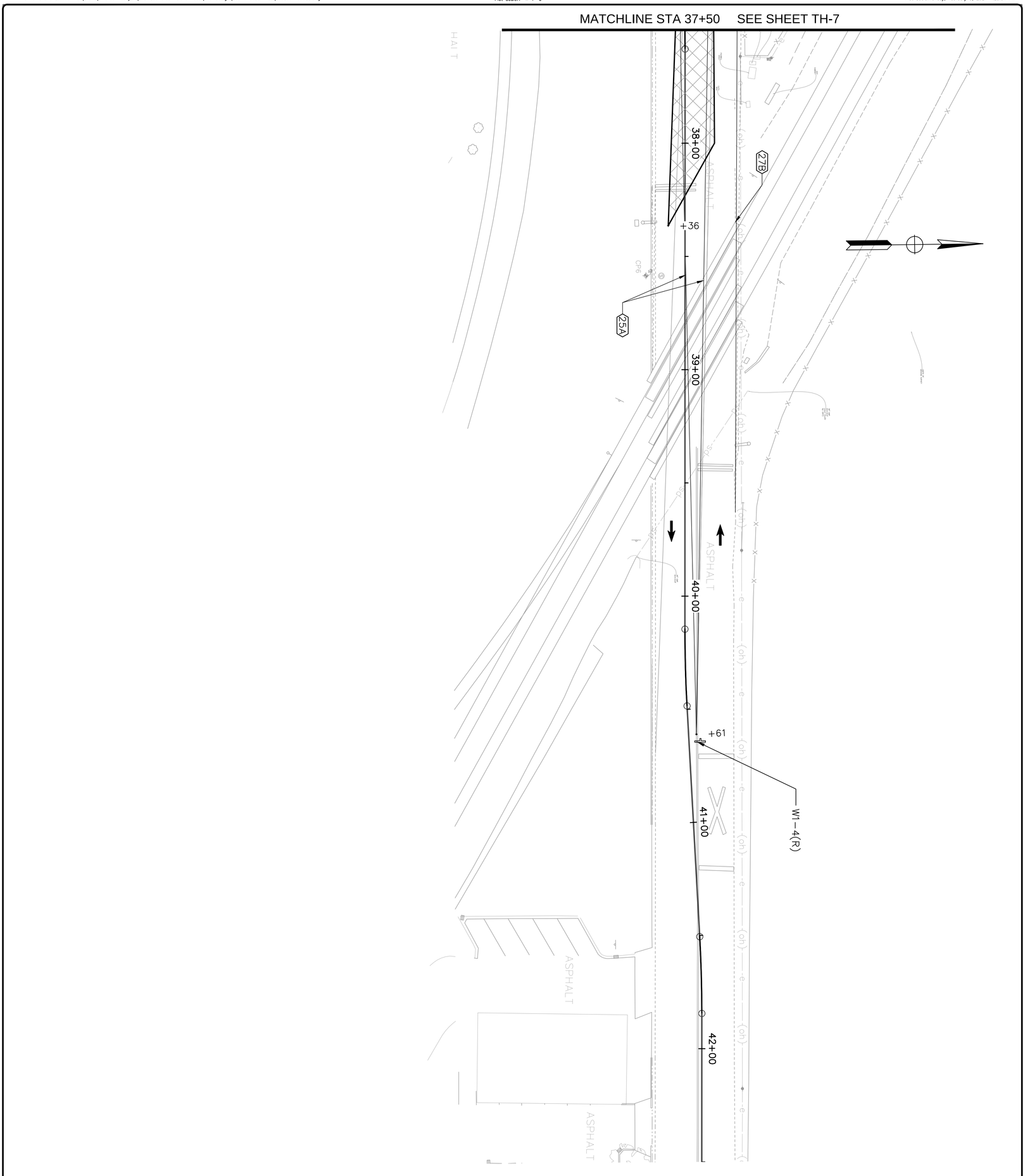
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2B

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-7**

100 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES 16 21 31 41 GREEN ISLAND RD WIDENING TH-7



DRAWING NO. TH-8	PROJECT NO. A48-100	SCALE: 1" = 20'	CHECKED BY: AKM	DRAWN BY: SN	DESIGNED BY: SN	PROJECT: GREEN ISLAND RD WIDENING	CITY OF AMERICAN CANYON PUBLIC WORKS / CALIFORNIA ENGINEERING DIVISION

101 of 148 SHEETS

TRAFFIC HANDLING PLAN - STAGE 2B

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American Canyon, CA 94503
Phone: (707) 647-4562 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

Plot Scale=Monday, February 8, 2021 1:35:09 PM
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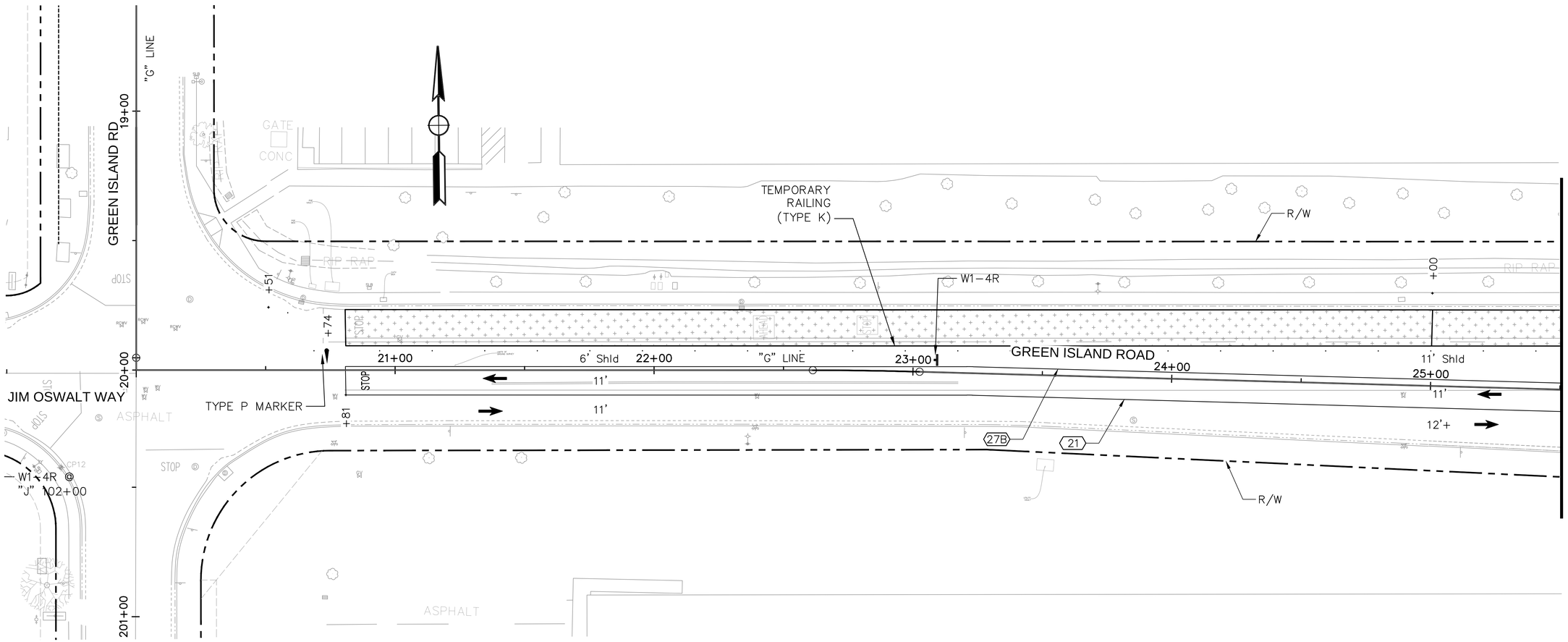
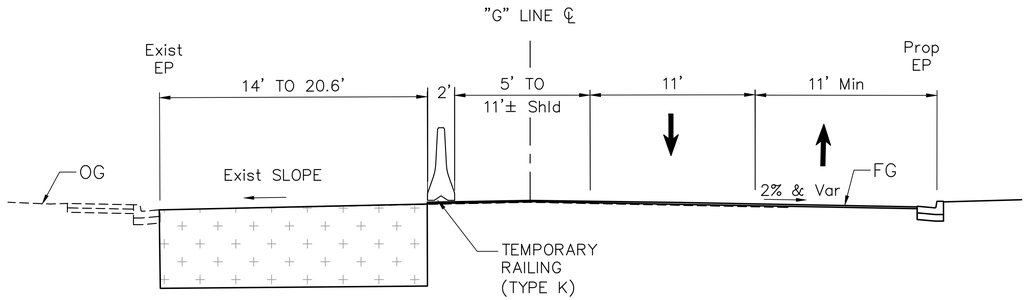
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd002C.dwg





GREEN ISLAND ROAD
STA 20+81 TO 27+88

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-9

102 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' GREEN ISLAND RD WIDENING TH-9

Plot Scale=Monday, February 8, 2021 1:30:28 PM
Plot Scale=1" = 1'-0"
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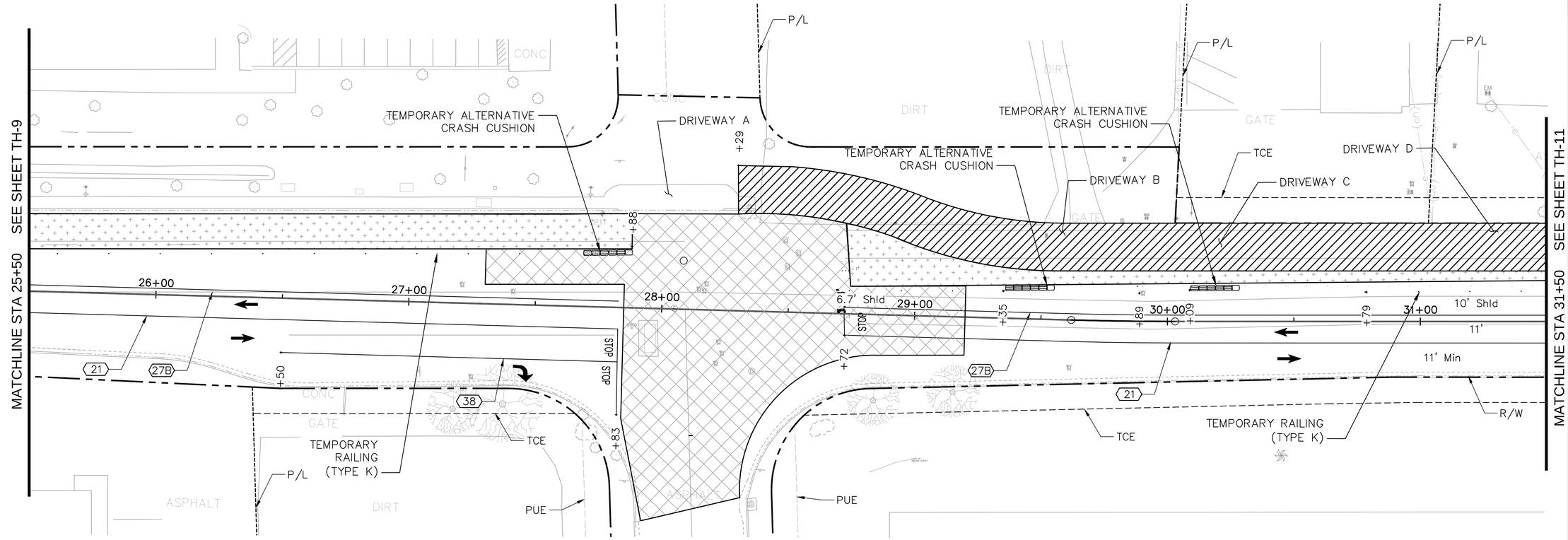
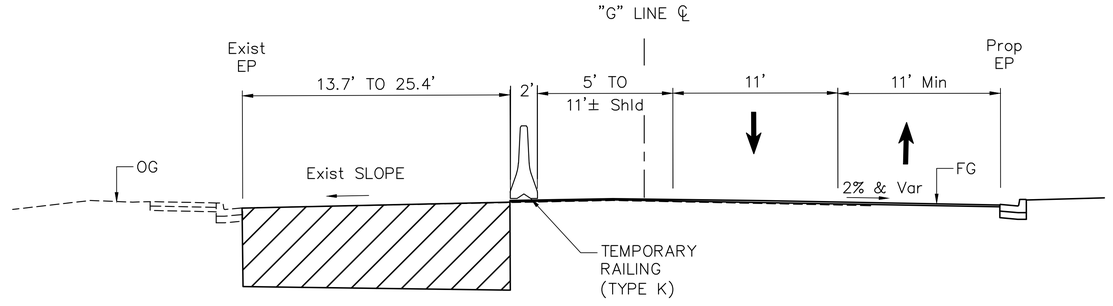




GREEN ISLAND ROAD
STA 28+29 TO 38+00

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

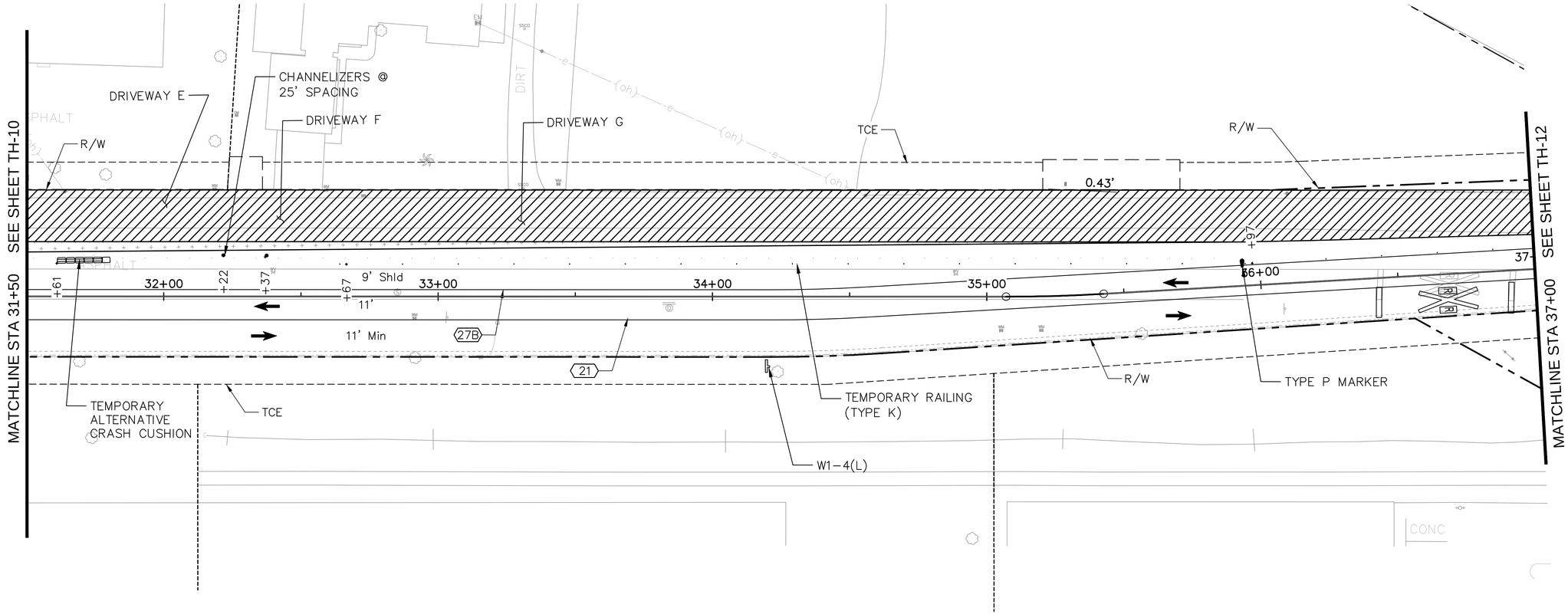
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-10

103 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES 0 1 2 3 4 GREEN ISLAND RD WIDENING TH-10



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-11**

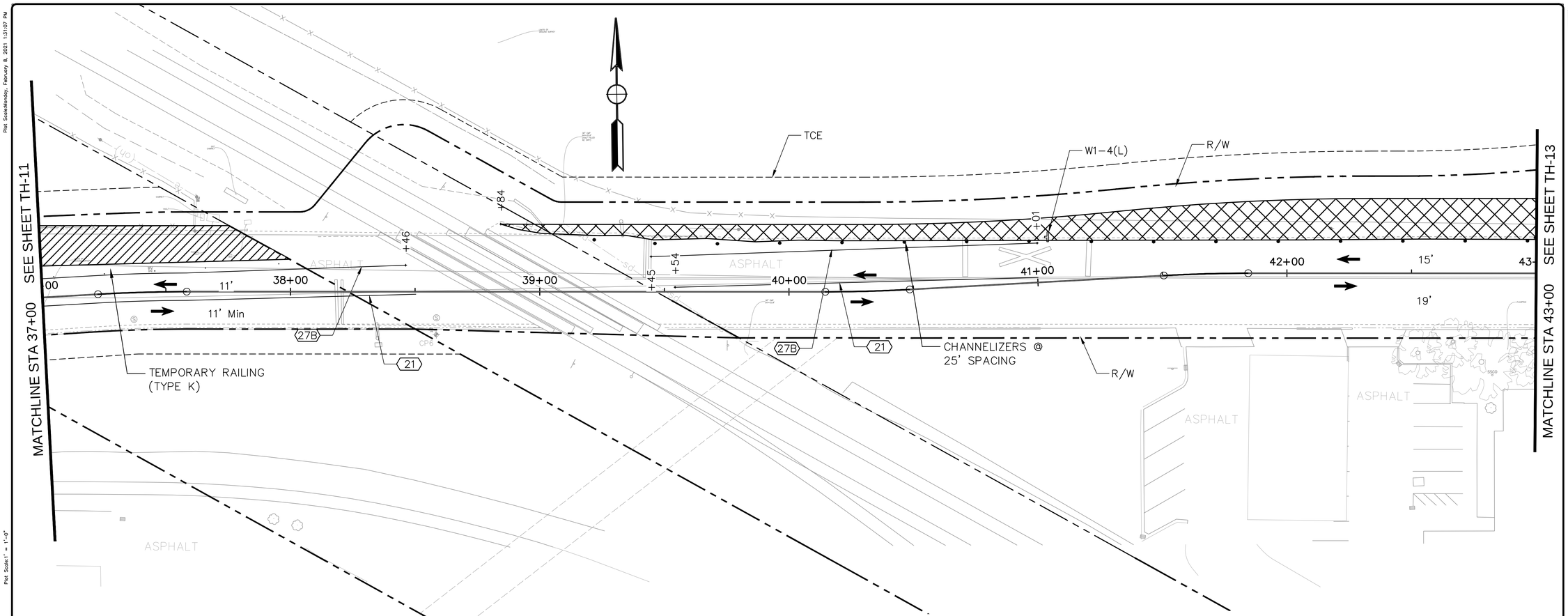
104 OF 148 SHEETS

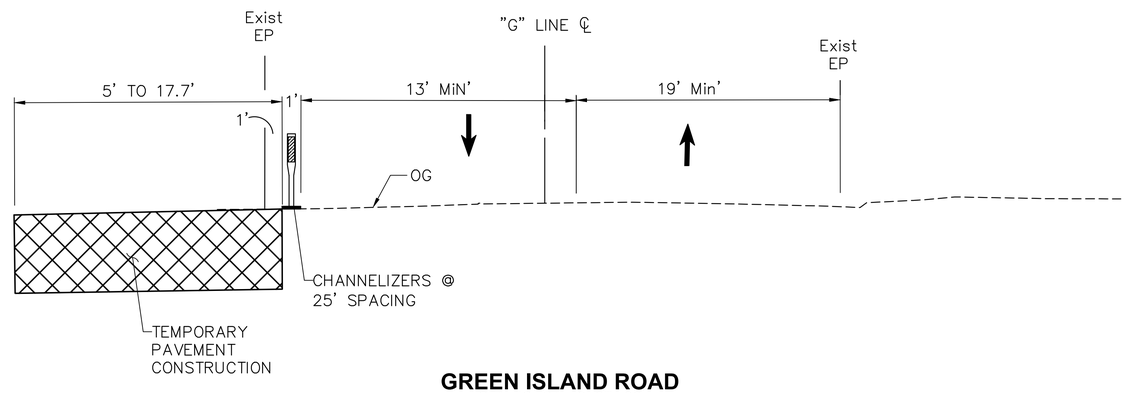
TH-11 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:30:48 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200tmd0202.dwg





GREEN ISLAND ROAD
STA 38+84 TO 67+06

Plot Scale=Monday, February 8, 2021 1:31:07 PM
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File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mm0020C.dwg

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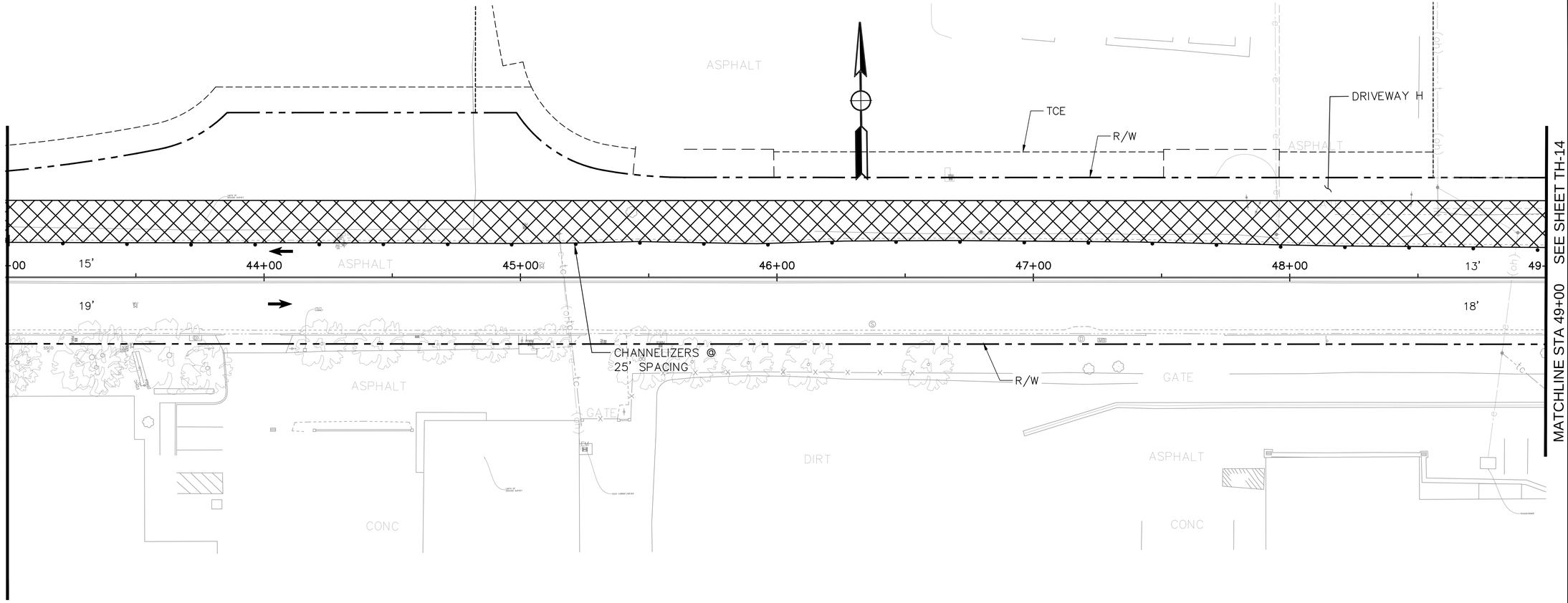
REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **TH-12**
105 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
GREEN ISLAND RD WIDENING
TH-12



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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

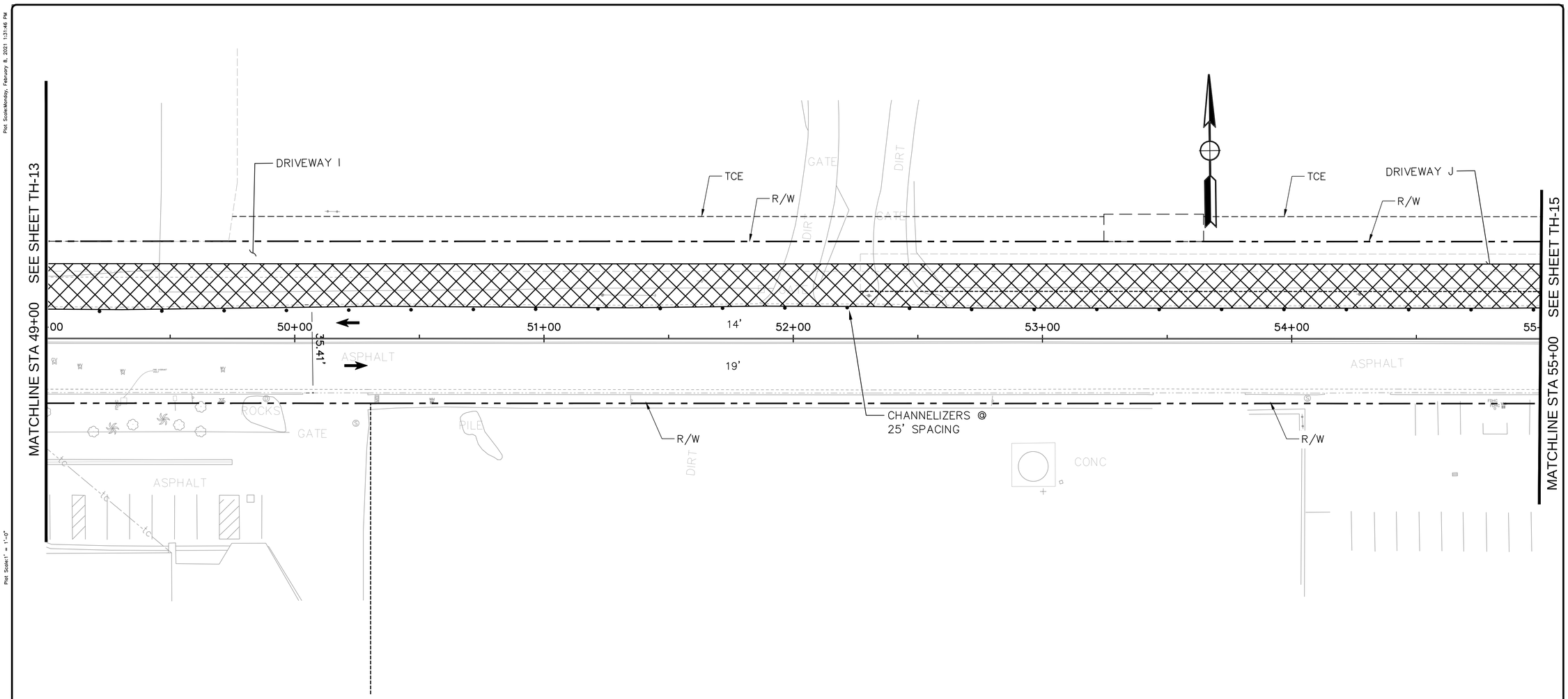
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-13**

106 OF 148 SHEETS

TH-13 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



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Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200md002c.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

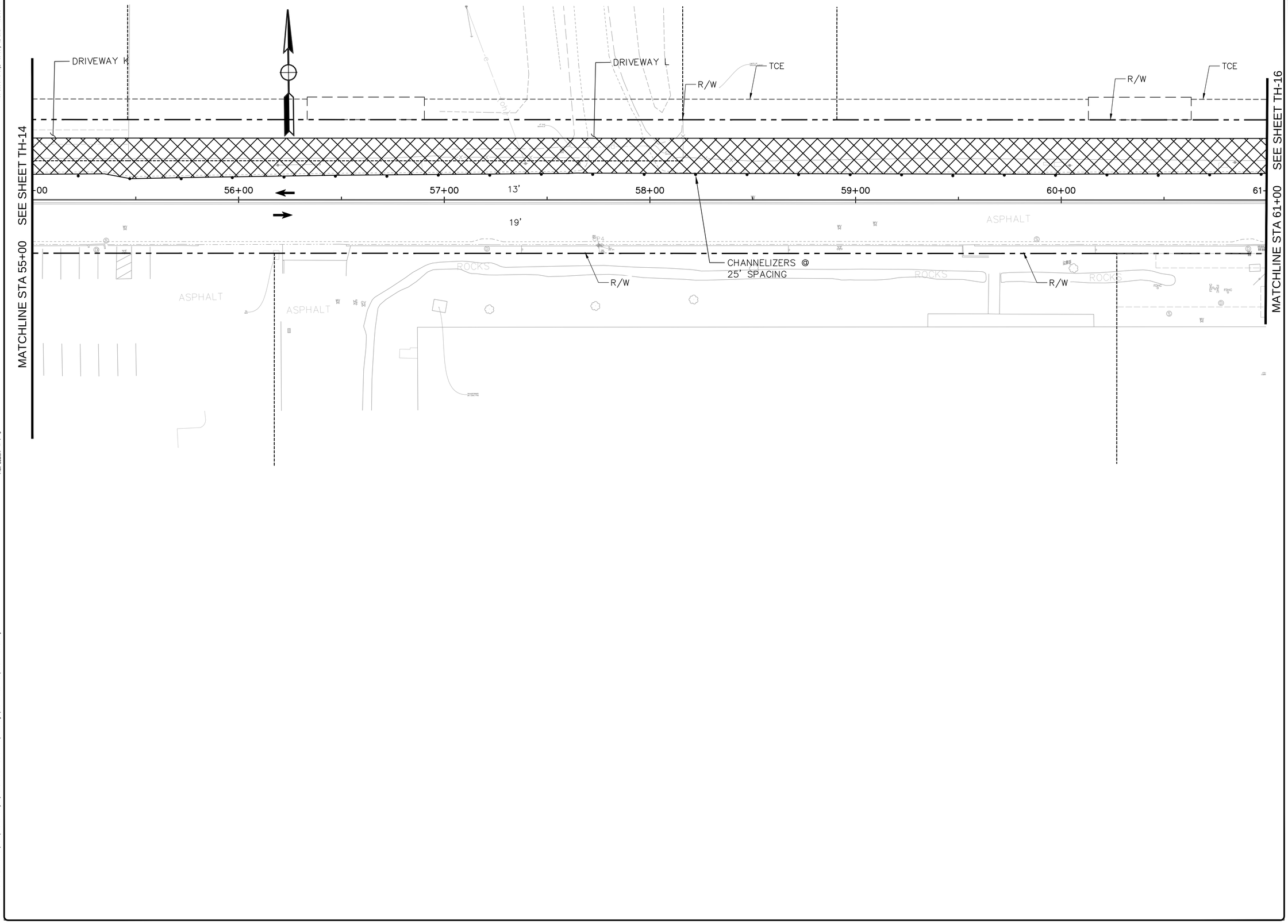
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**TH-14**

107 OF 148 SHEETS

TH–14 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

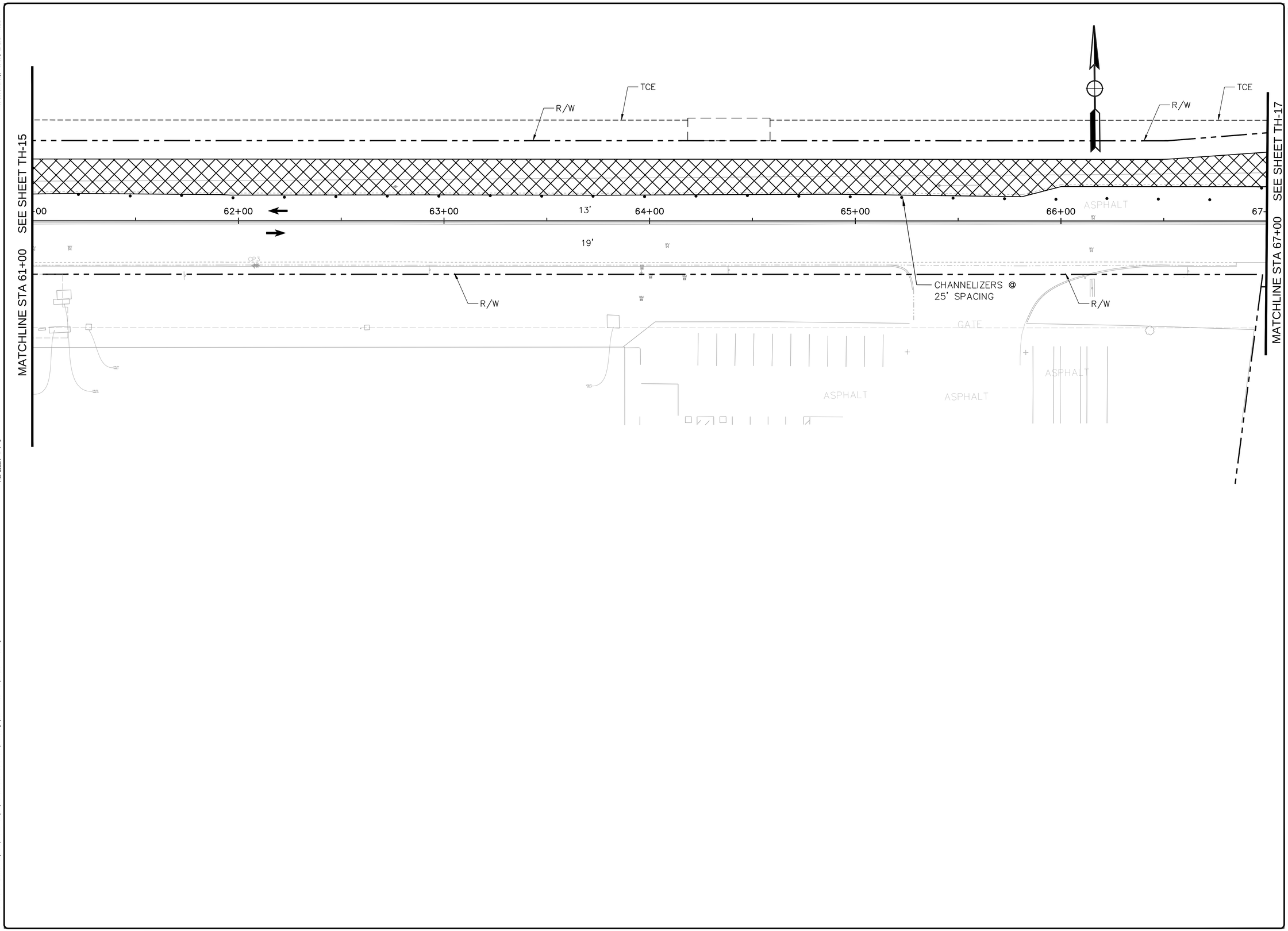
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-15

108 OF 148 SHEETS

TH-15 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

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ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 2C

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-16

109 OF 148 SHEETS

TH-16 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=1" = 1'-0"

Plot Date=Monday, February 8, 2021 1:32:24 PM

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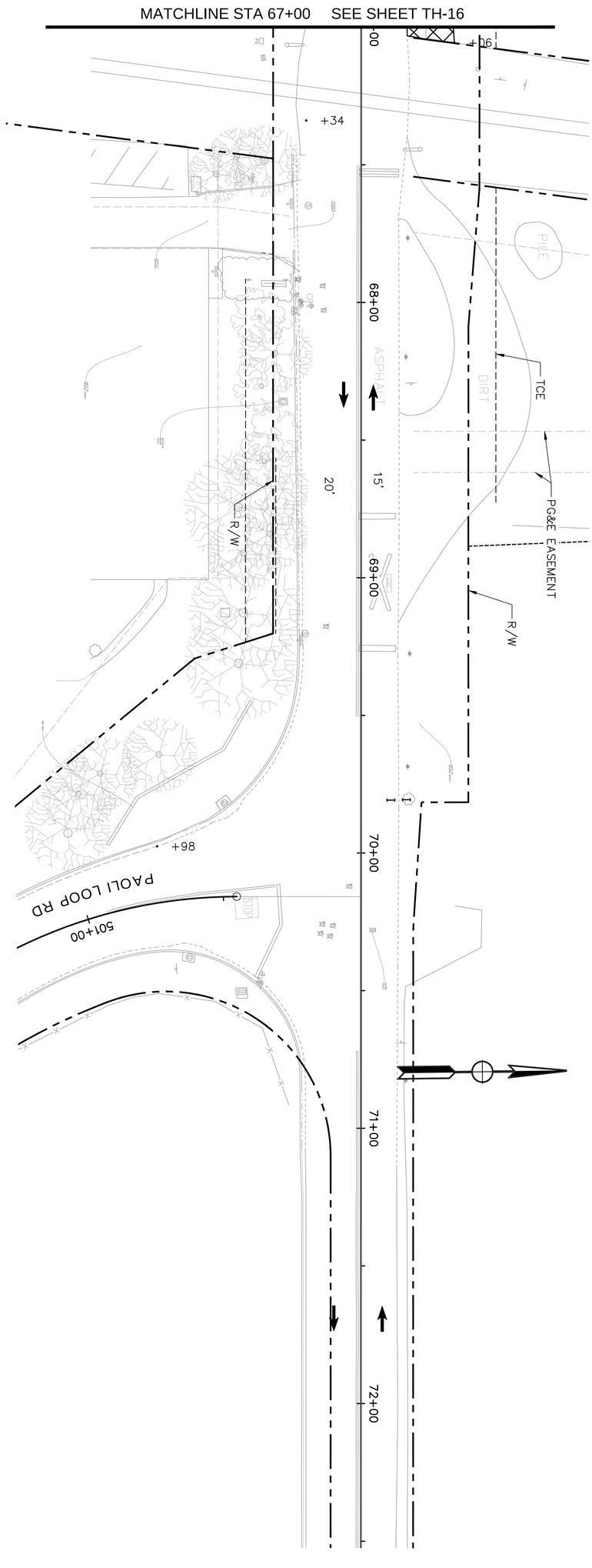


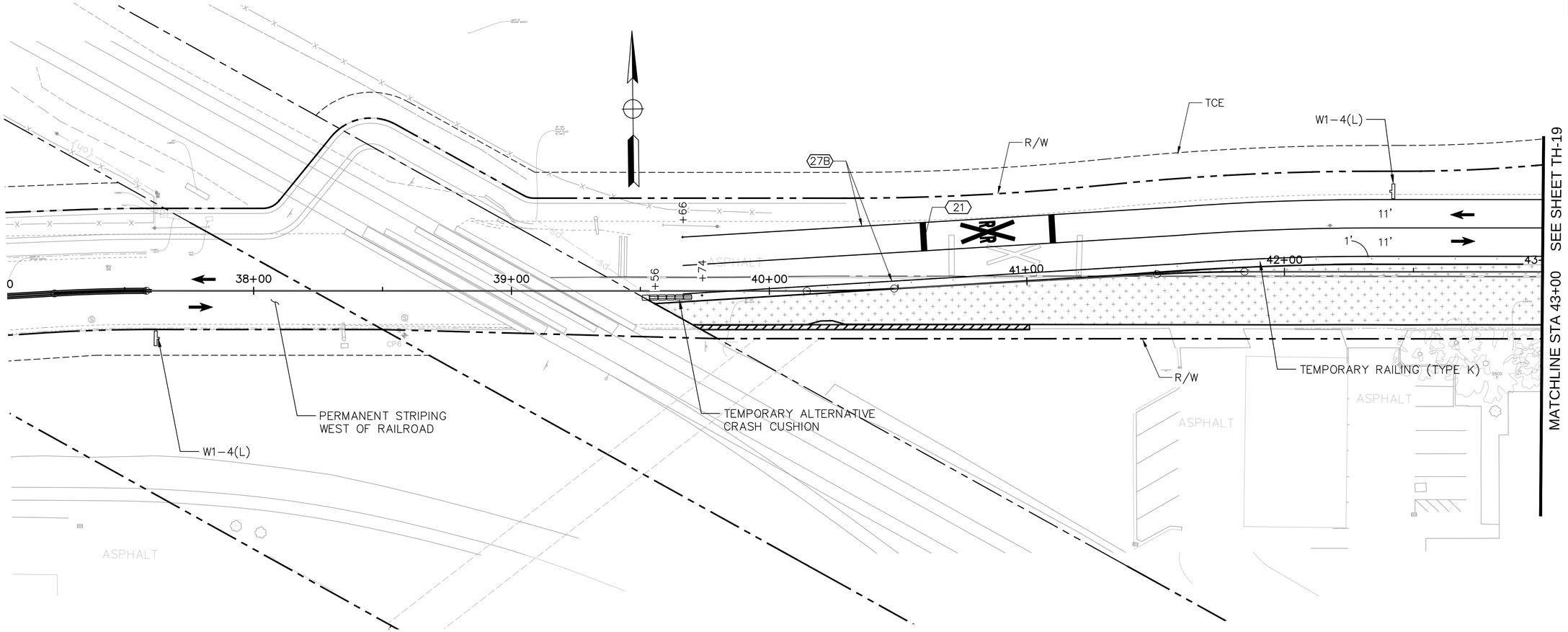
TH-17	DRAWING NO.	A48-100	1" = 20'	AKM	SN	SN	110 OF 148 SHEETS

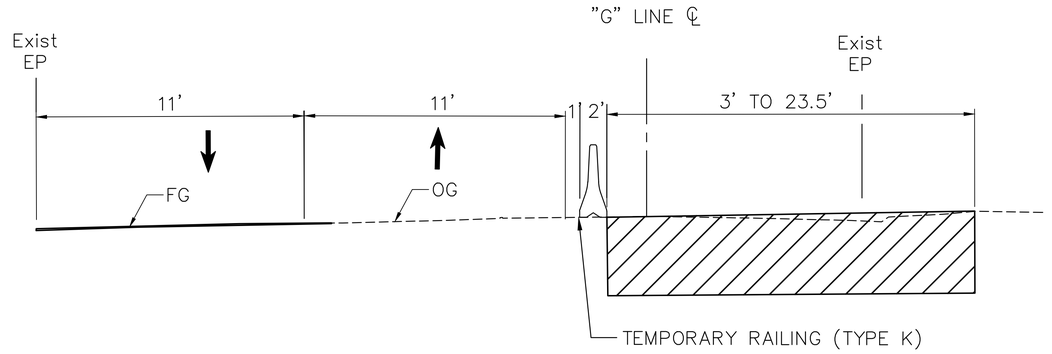
PROJECT: **GREEN ISLAND RD WIDENING**

TRAFFIC HANDLING PLAN - STAGE 2C

CITY OF AMERICAN CANYON PUBLIC WORKS — CALIFORNIA ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4562 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE





GREEN ISLAND ROAD
STA 39+56 TO 69+95

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

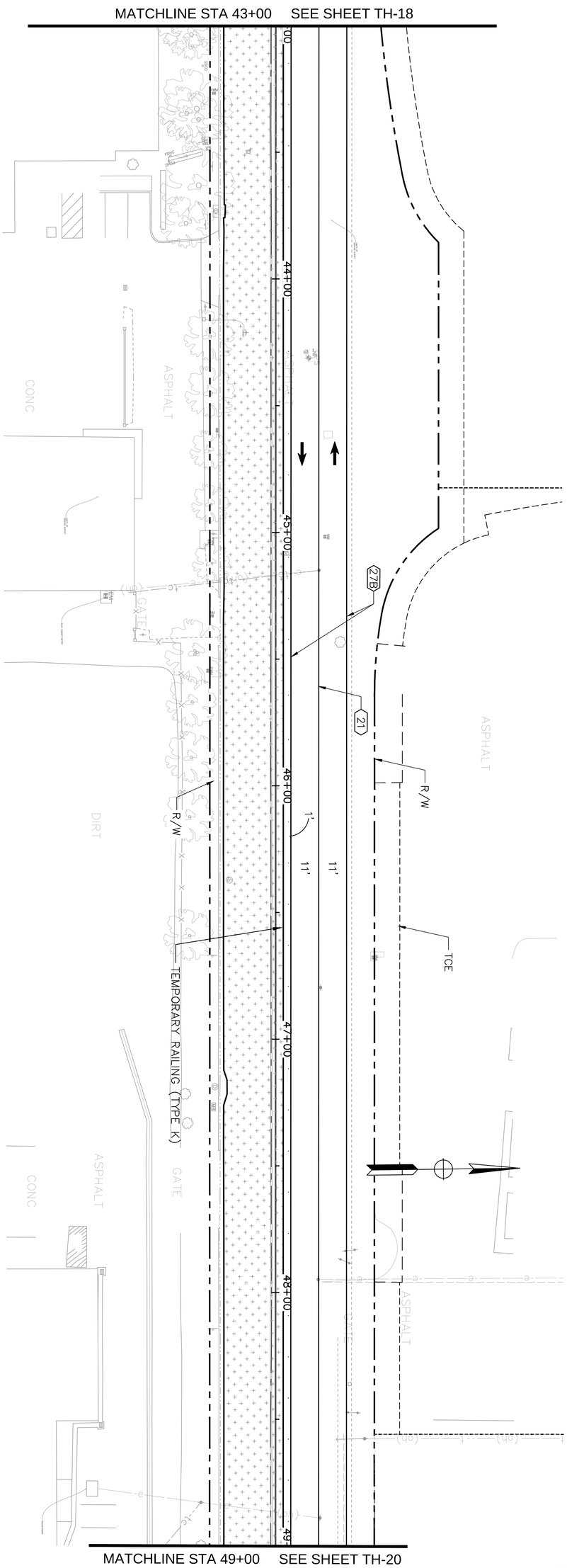
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 3

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **TH-18**
111 OF 148 SHEETS

TH-18 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:35:12 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd003.dwg



DRAWING NO.	TH-19
PROJECT NO.	A48-100
SCALE:	1" = 20'
CHECKED BY:	AKM
DRAWN BY:	SN
DESIGNED BY:	SN

112 of 148 SHEETS

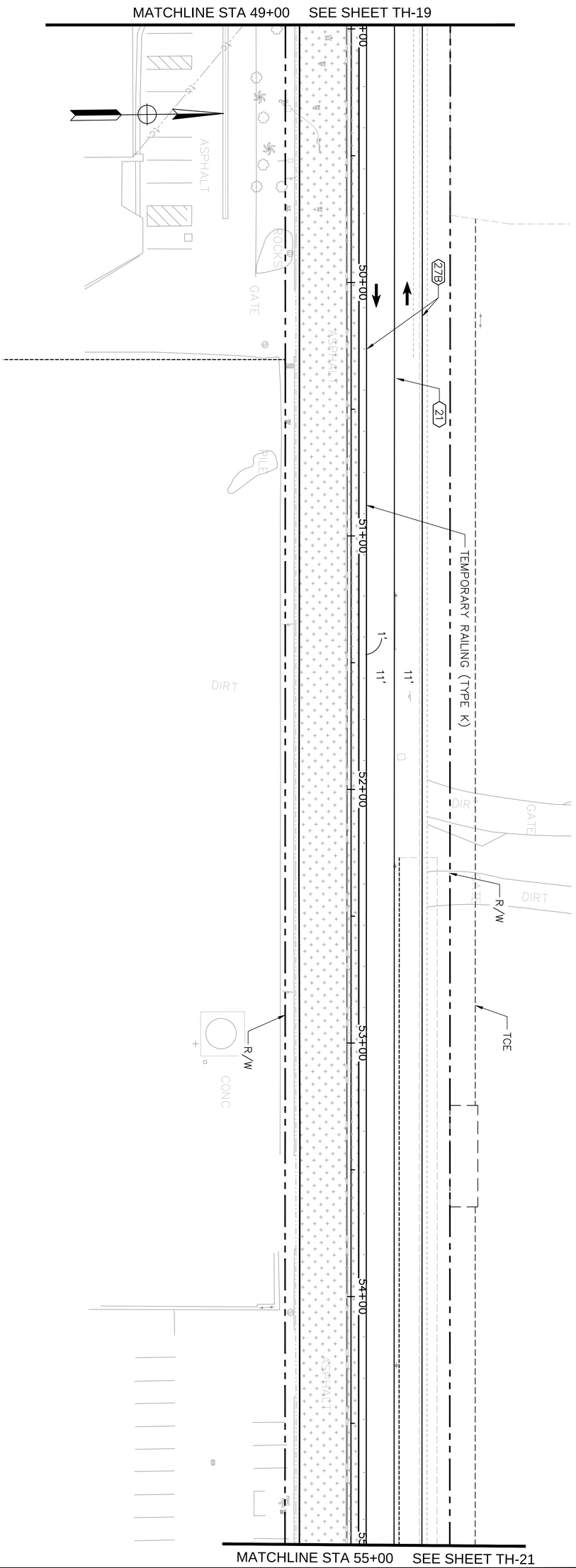
PROJECT:

GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 3

CITY OF AMERICAN CANYON CALIFORNIA
PUBLIC WORKS ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4562 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE



DRAWING NO.	TH-20	DESIGNED BY:	SN
PROJECT NO.	A48-100	DRAWN BY:	SN
SCALE:	1" = 20'	CHECKED BY:	AKM

113 of 148 SHEETS

PROJECT:

GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 3

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA
ENGINEERING DIVISION

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REVISION	DESCRIPTION	APPROVED	DATE

REVISION	DESCRIPTION	APPROVED	DATE

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ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 3

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-21**

114 OF 148 SHEETS

TH-21 ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:36:11 PM
Plot Scale=1" = 1'-0"
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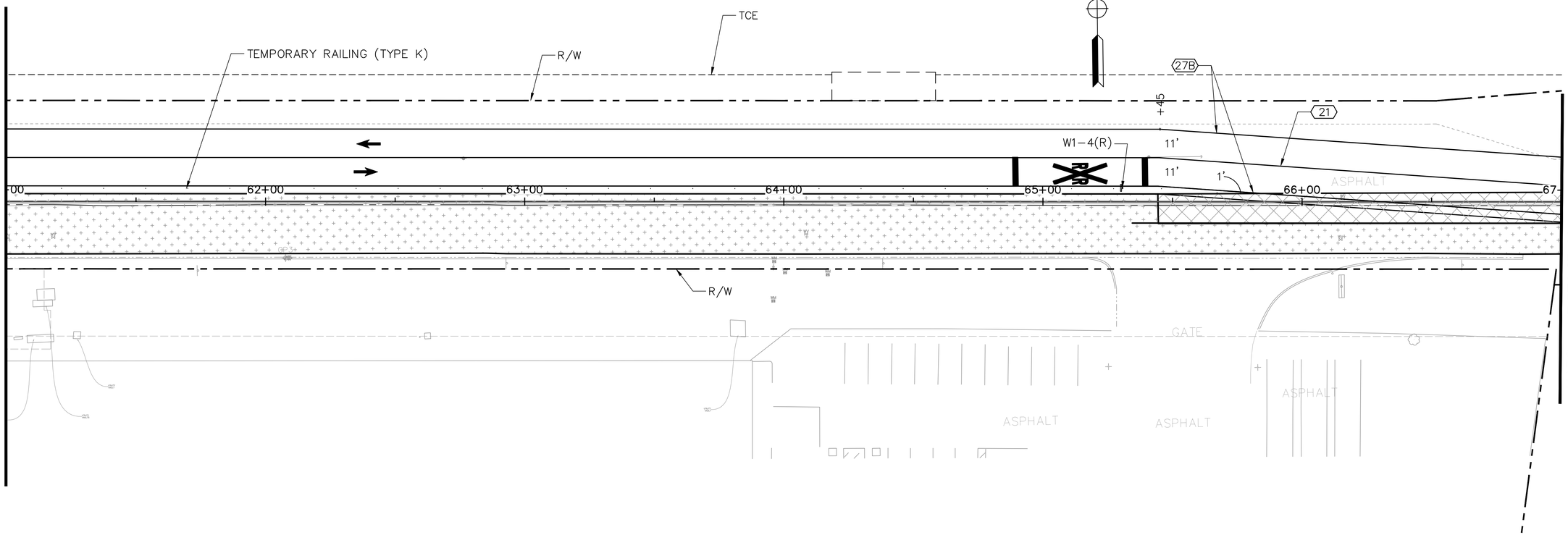

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CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 3

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-22**

115 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES

TH-22 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:36:31 PM

Plot Scale=1" = 1'-0"

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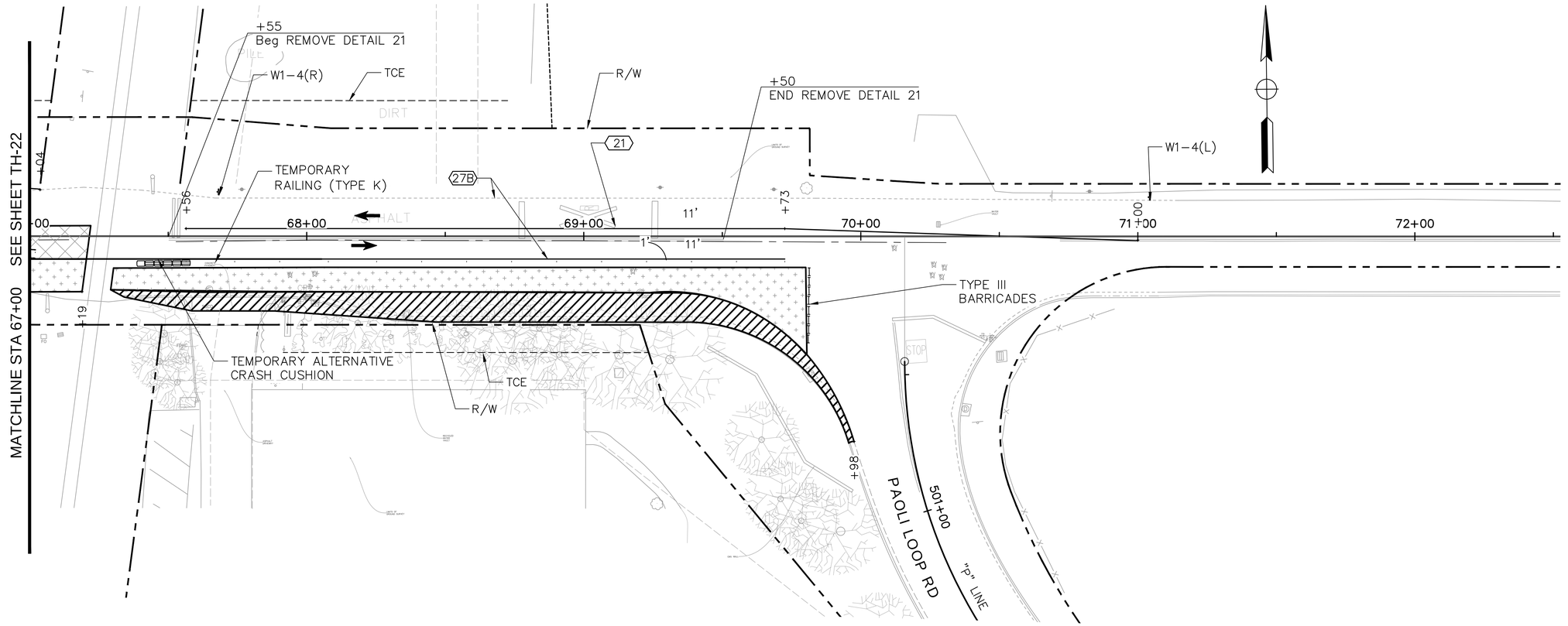

Plot Scale=Monday, February 8, 2021 1:36:50 PM

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REVISION	DESCRIPTION	APPROVED	DATE

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CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

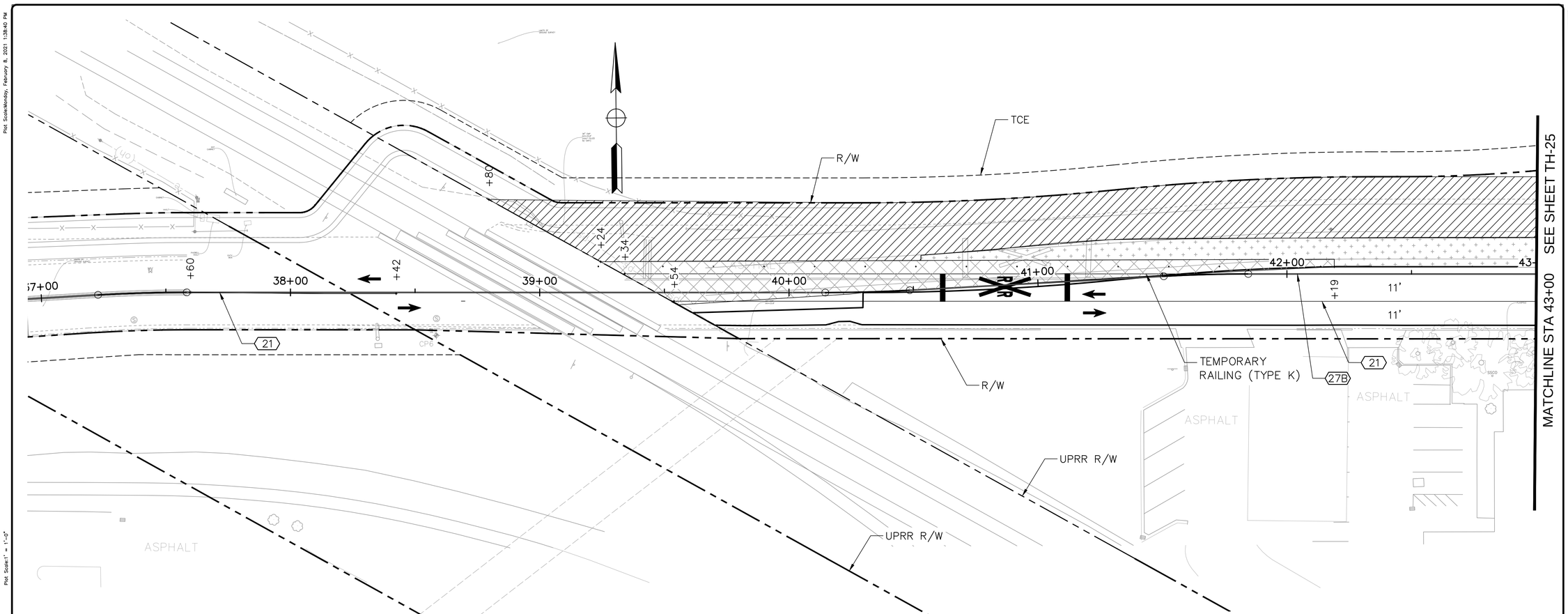
PROJECT:
GREEN ISLAND RD WIDENING

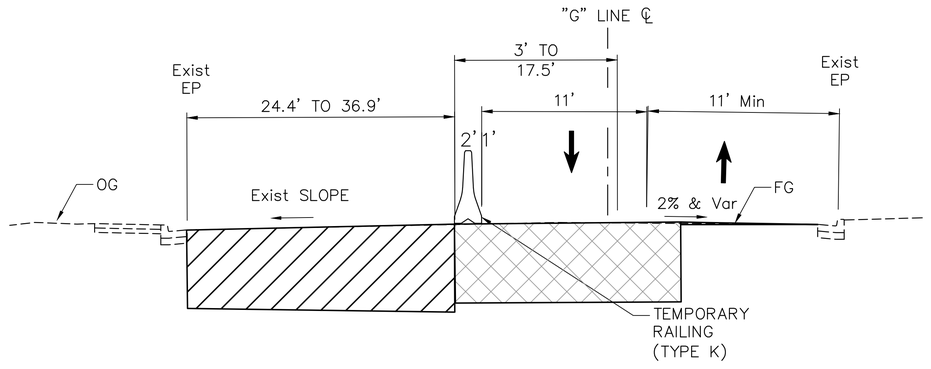
TRAFFIC HANDLING PLAN - STAGE 3

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-23**

116 OF 148 SHEETS

TH-23 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING





GREEN ISLAND ROAD
STA 38+80 TO 69+82

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-24

117 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES
GREEN ISLAND RD WIDENING
TH-24

Plot Scale=Monday, February 8, 2021 1:38:40 PM
Plot Scale=1" = 1'-0"
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DATE	DESCRIPTION	APPROVED	REVISION

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-25**

118 OF 148 SHEETS

TH-25 ORIGINAL SCALE: 0 1 11 21 31 41 INCHES GREEN ISLAND RD WIDENING

Plot Scale:1" = 1'-0" Plot Scale=Monday, February 8, 2021 1:38:59 PM

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd004.dwg

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American Canyon, CA 94503
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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4

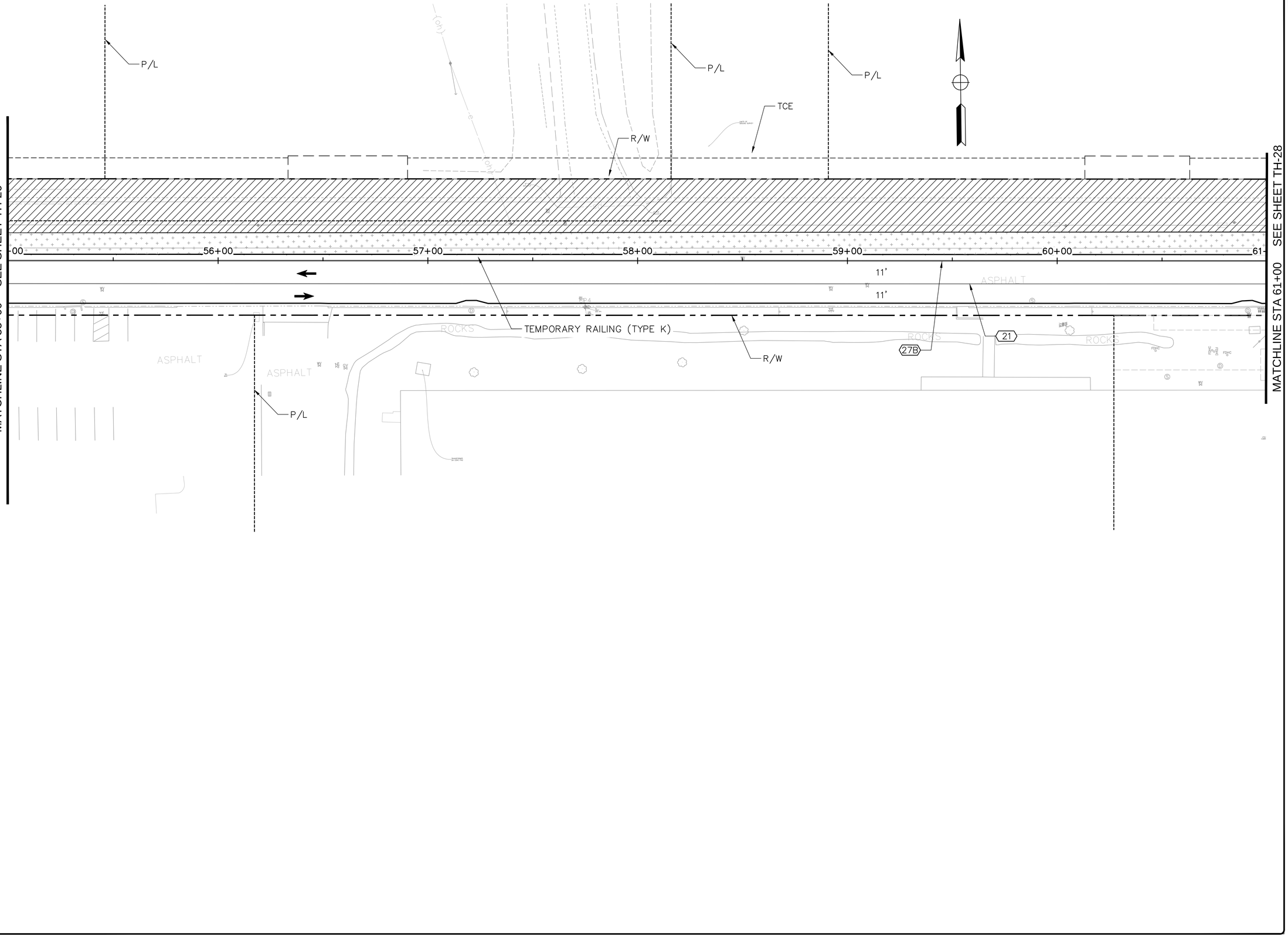
DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-26**

119 OF 148 SHEETS

TH-26 ORIGINAL SCALE: 0 1 1 2 1 3 1 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale:1" = 1'-0" Plot Scale=Monday, February 8, 2021 1:39:18 PM

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd004.dwg



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4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-27

120 OF 148 SHEETS

TH-27 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:39:38 PM
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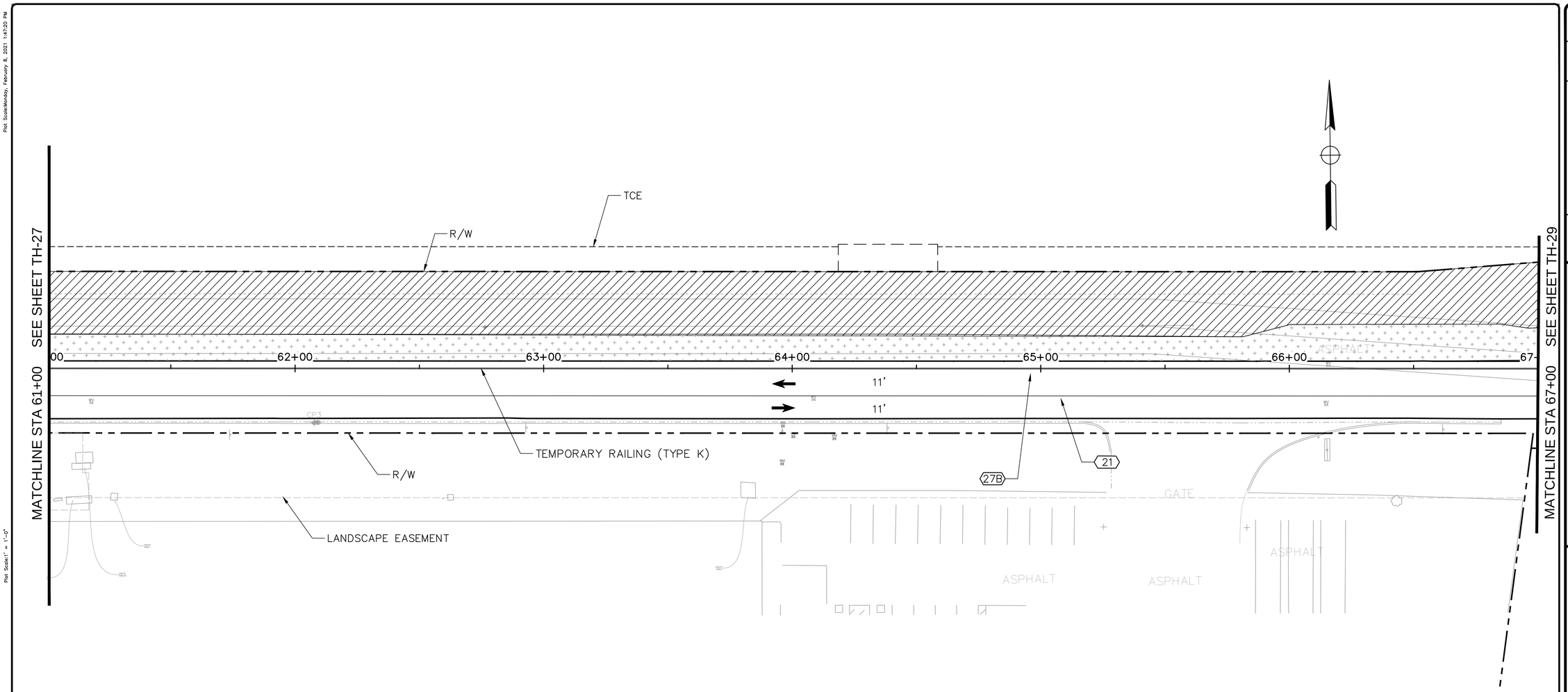

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Plot Scale=1" = 1'-0"

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REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

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American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

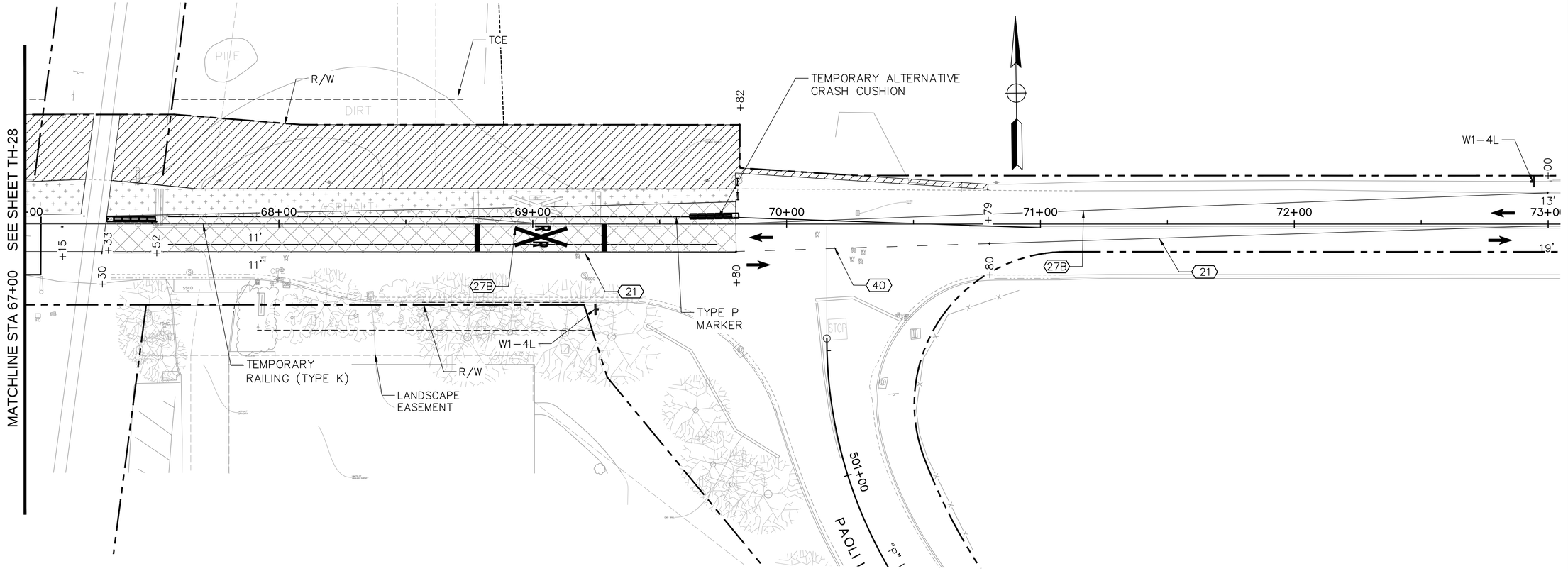
TRAFFIC HANDLING PLAN - STAGE 4

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **TH-28**

121 OF 148 SHEETS

ORIGINAL SCALE: 1" = 1 INCHES

TH-28 GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 1:47:40 PM

Plot Scale=1" = 1'-0"

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ENGINEERING DIVISION

CALIFORNIA CANYON
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

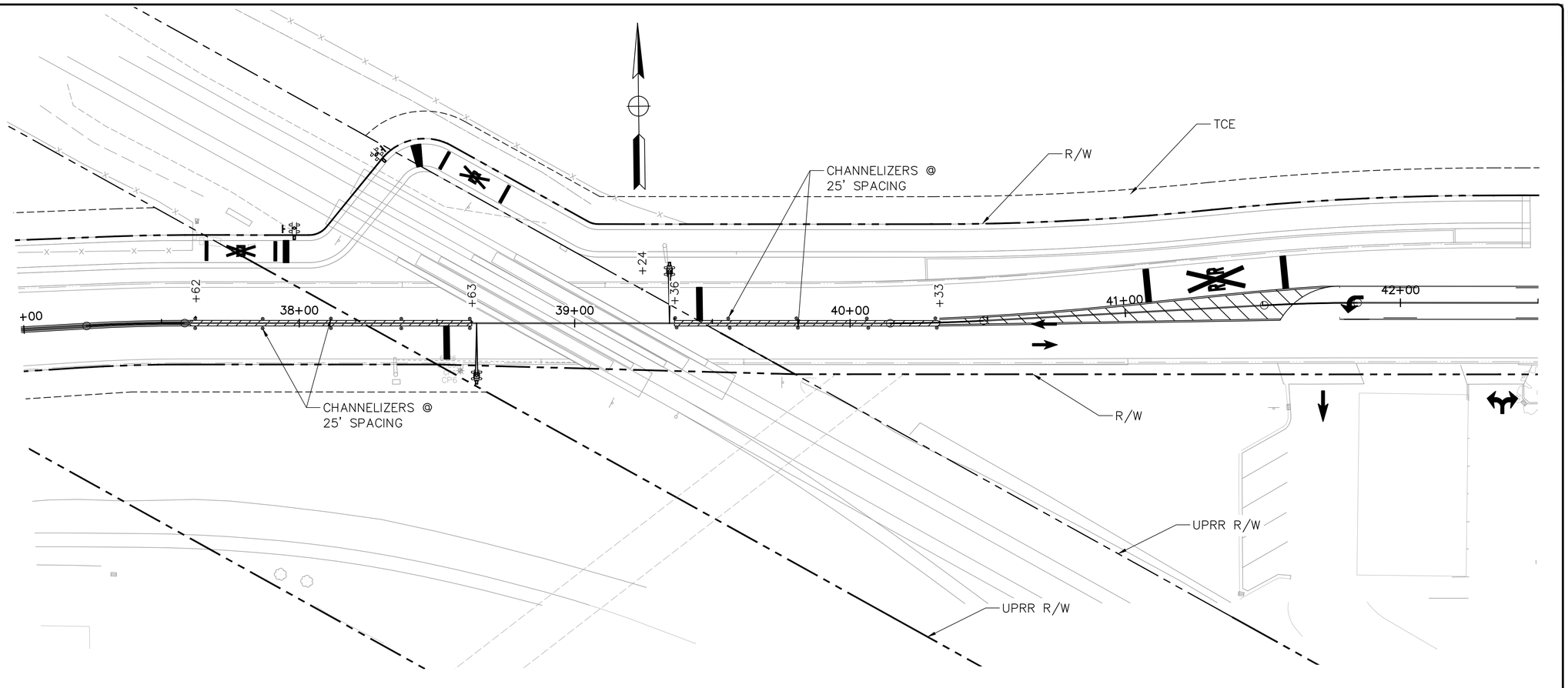
PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	TH-29

122 OF 148 SHEETS

TH-29 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 1:49:29 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CAD\ Files\A48200rnd504A.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4A

CITY OF AMERICAN CANYON INCORPORATED 1992

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-30**

123 OF 148 SHEETS

TH-30 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

TRAFFIC HANDLING PLAN - STAGE 4A

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**TH-31**

124 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES
TH-31 GREEN ISLAND RD WIDENING

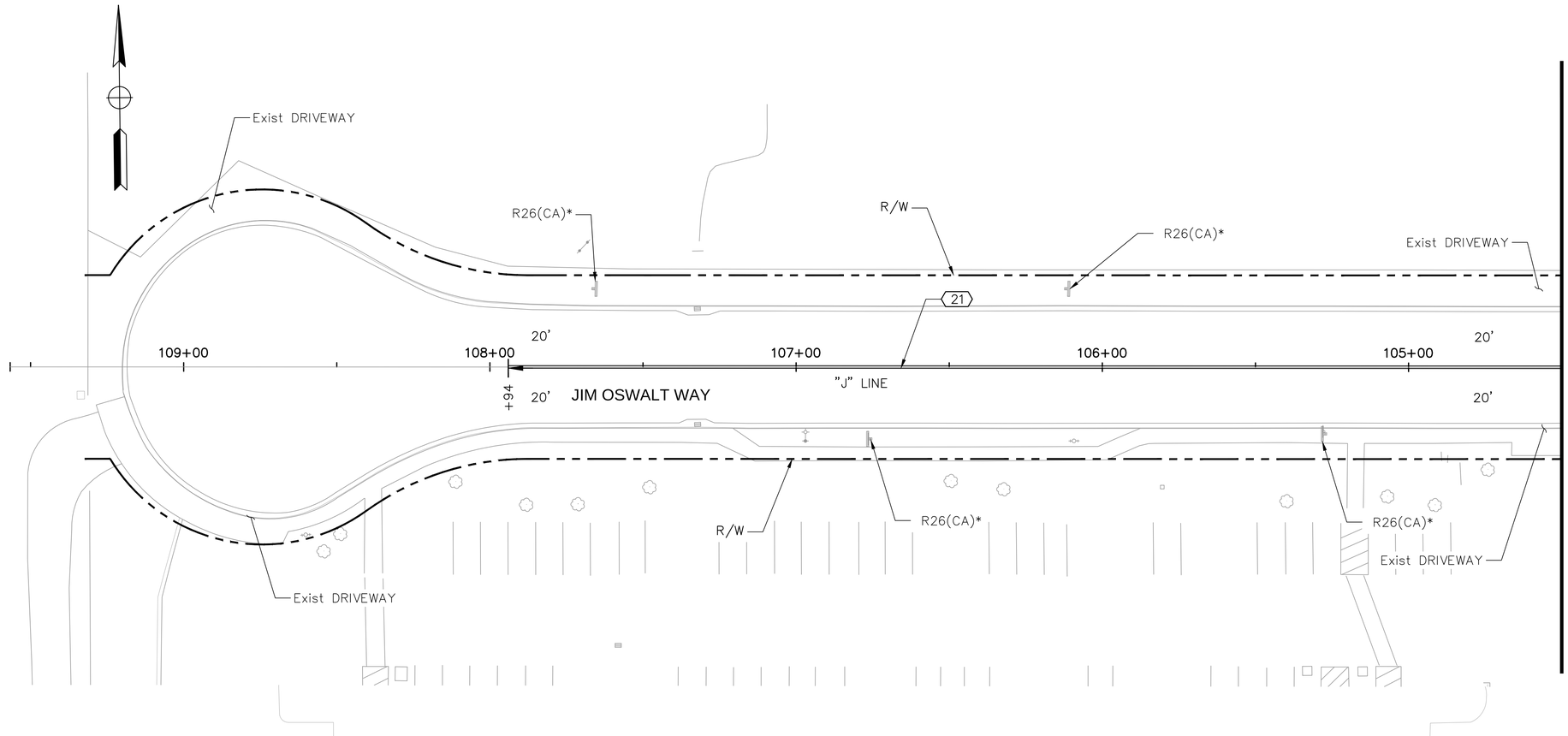
Plot Scale=1" = 1'-0"
Plot Scale=Monday, February 8, 2021 1:49:47 PM
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rmd004A.dwg

LEGEND:

- (#) PAVEMENT DELINEATION DETAIL
- STOP PAVEMENT MARKING
- KEEP CLEAR KEEP CLEAR PAVEMENT MARKING
- O.C. ON CENTER
- TYPE IV ARROW (L/R)
- BIKE LANE ARROW
- TYPE VIII ARROW
- BIKE LANE WITH PERSON
- ■ REMOVE ROADSIDE SIGN
- ✳ EXISTING ROADSIDE SIGN
- ▲ RELOCATE ROADSIDE SIGN
- (#-#) SHEET NO.-SIGN NO.
- (LL) LIMIT LINE
- (XW) CROSSWALK
- (RRLL) RAILROAD LIMIT LINE
- SNS STREET NAME SIGN

NOTES:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT THE CITY OFFICE.
2. REMOVE CONFLICTING STRIPING AS DIRECTED BY THE ENGINEER.
3. FOR STRIPING DETAILS, SEE CALTRANS STANDARD PLANS A20A,A20B AND A20D.
4. SIGNS SHALL BE PLACED PER CITY STANDARD PLANS.
5. ALL SIGN DESIGNATIONS SHOWN ARE FEDERAL UNLESS OTHERWISE INDICATED AS A CALIFORNIA(CA) SIGN DESIGNATION.
6. FIRE HYDRANT MARKERS SHALL BE INSTALLED AT THE NEW AND RELOCATED HYDRANT.
7. THIS PLAN ACCURATE FOR PAVEMENT DELINEATION AND SIGN WORK ONLY.



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4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	PD-1

125 OF 148 SHEETS

ORIGINAL SCALE: 1" = 20' INCHES
GREEN ISLAND RD WIDENING
PD-1

Plot Scale=1" = 1'-0"
Plot Date=Monday, February 8, 2021 1:51:24 PM
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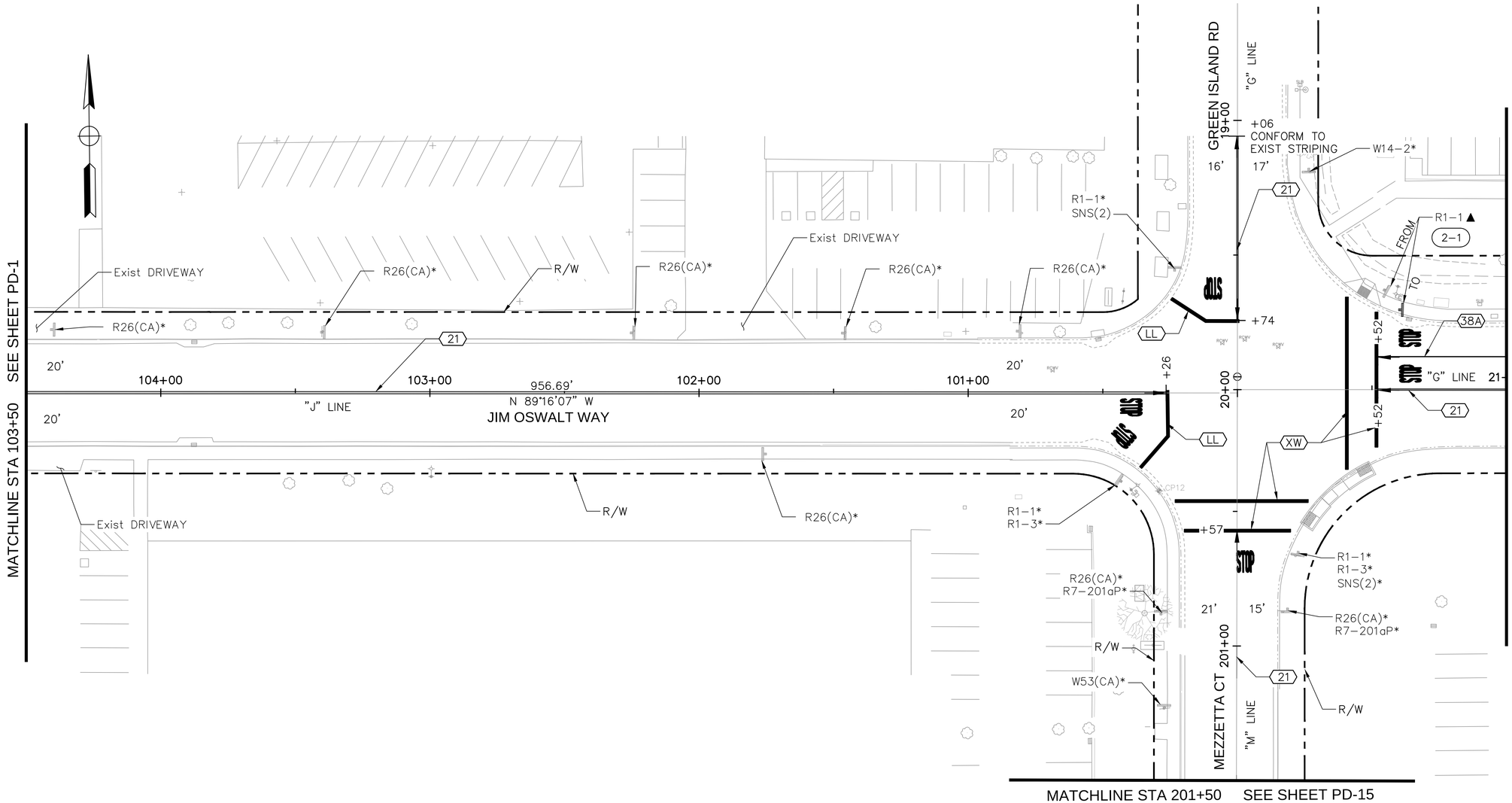

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Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\505 - CADD Files\A48200md002.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

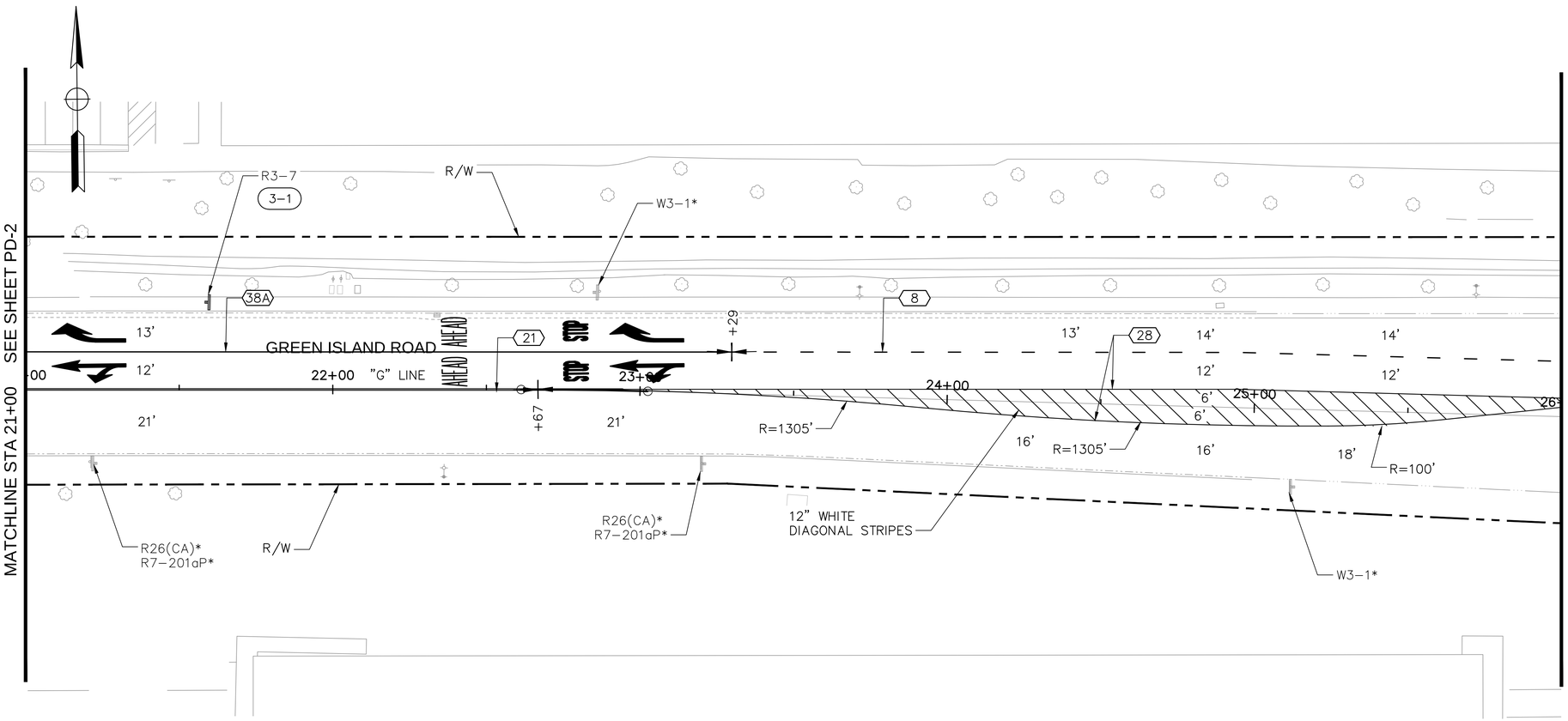
PAVEMENT DELINEATION AND SIGN PLAN

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-2**

126 OF 148 SHEETS

PD-2 ORIGINAL SCALE: 1 INCHES 16 21 31 GREEN ISLAND RD WIDENING



PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

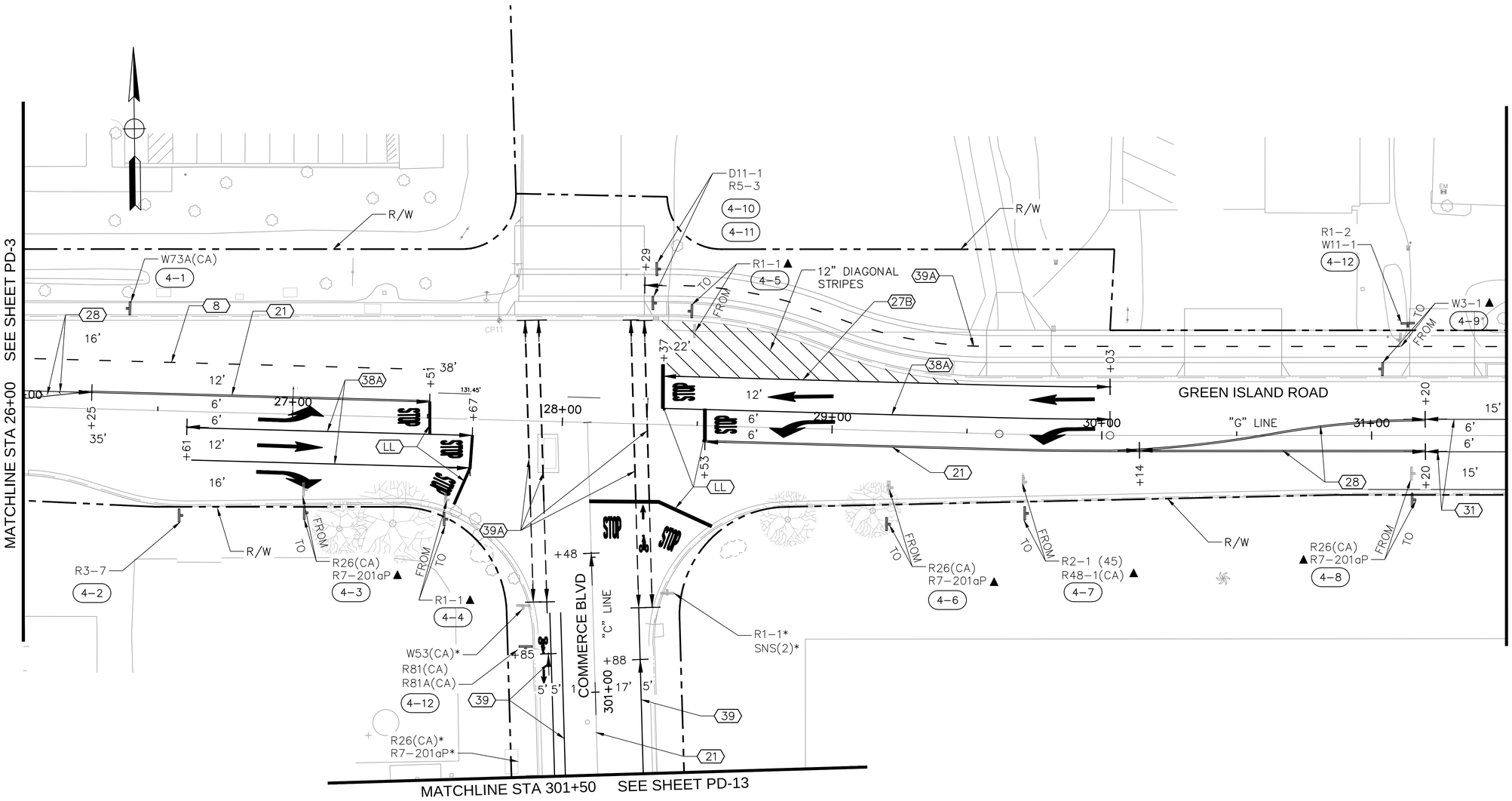
CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

DESIGNED BY: SN
DRAWN BY: SN
CHECKED BY: AKM
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **PD-3**
127 OF 148 SHEETS

PD-3 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:54:40 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\V48-200 Green Island Road\3.00-Design\3.05 - CAD\ Files\V48200mod003.dwg



CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

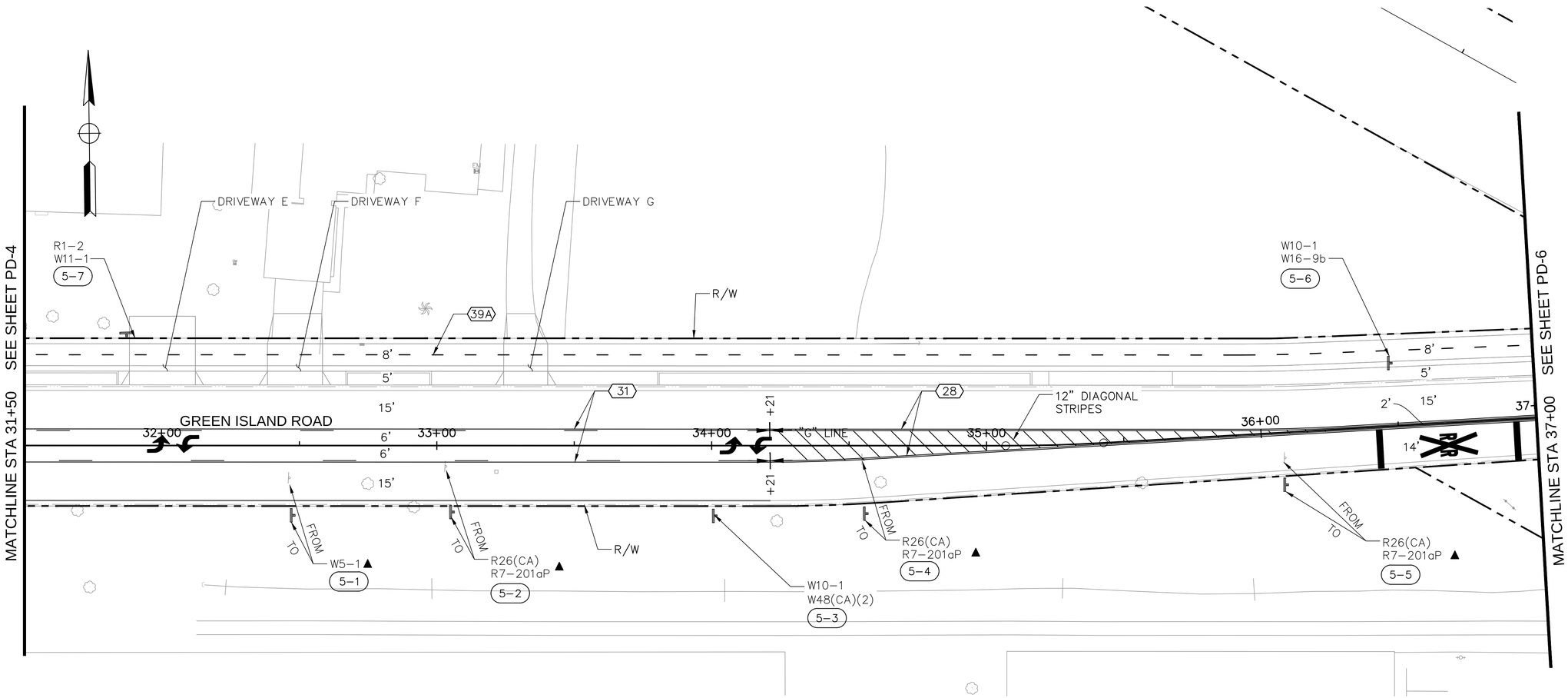
PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-4**

128 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
PD-4 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 1:56:10 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod004.dwg



Plot Scale=Monday, February 8, 2021 1:57:45 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200md005.dwg

REVISION	DESCRIPTION	APPROVED	DATE

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ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

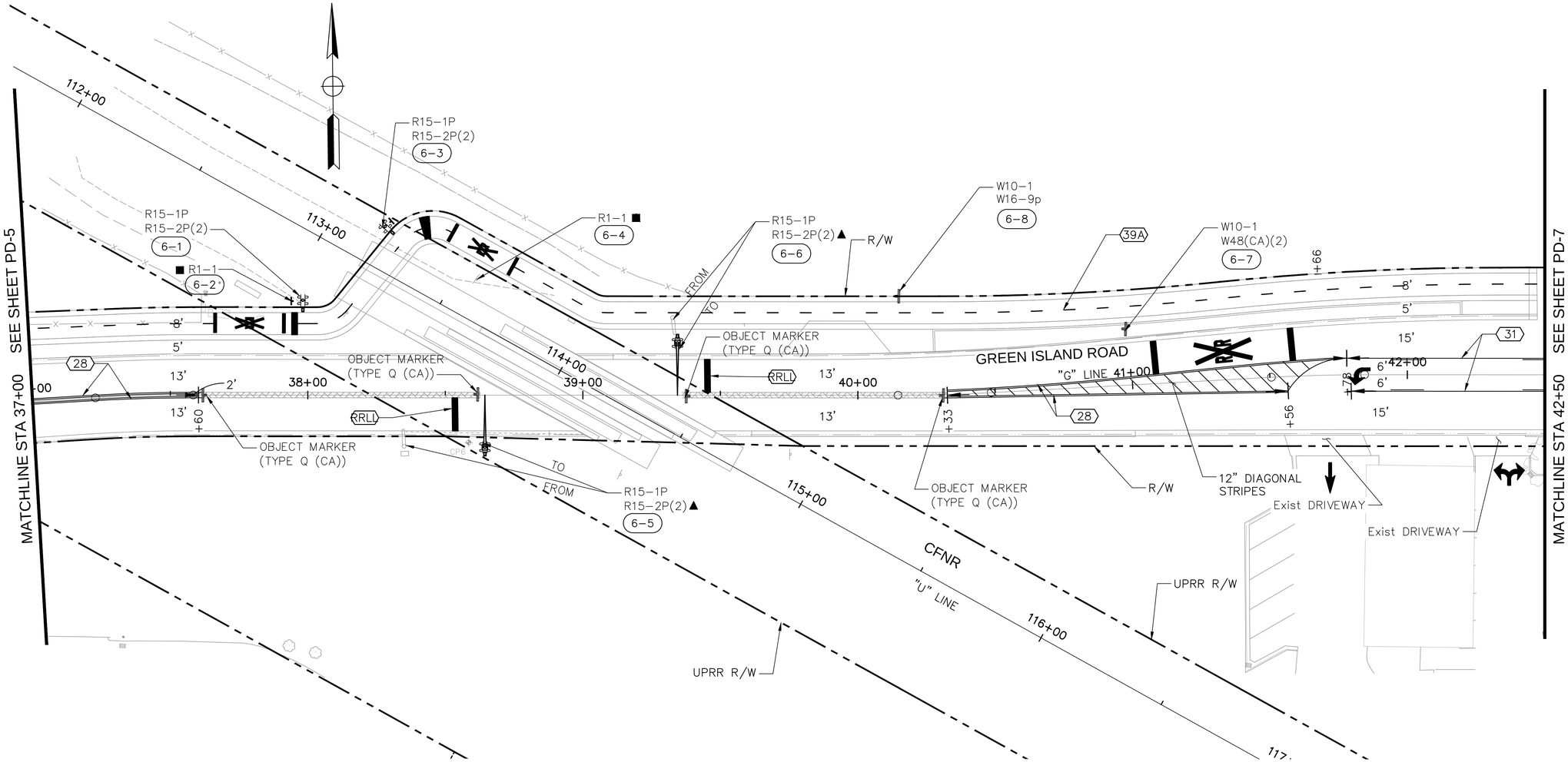
PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	VFD
DRAWN BY:	VFD
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-5**

129 OF 148 SHEETS

PD-5 GREEN ISLAND RD WIDENING

ORIGINAL SCALE: 1 INCHES



Plot Scale=Monday, February 8, 2021 1:59:18 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod06.dwg

REVISION	DESCRIPTION	APPROVED	DATE

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American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

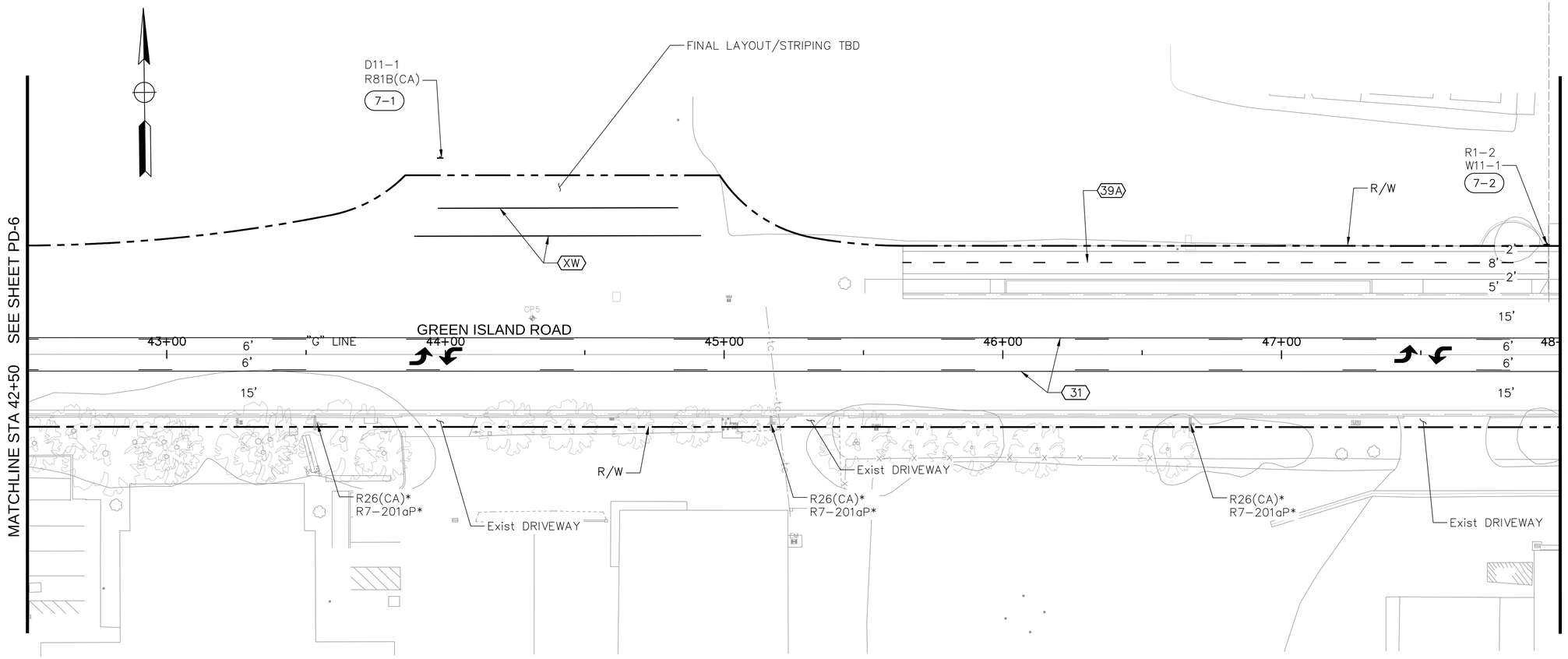
PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-6**

130 OF 148 SHEETS

PD-6 ORIGINAL SCALE: 1 INCHES GREEN ISLAND RD WIDENING



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File Name and Location: S:\Client\Vmerican Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200md007.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

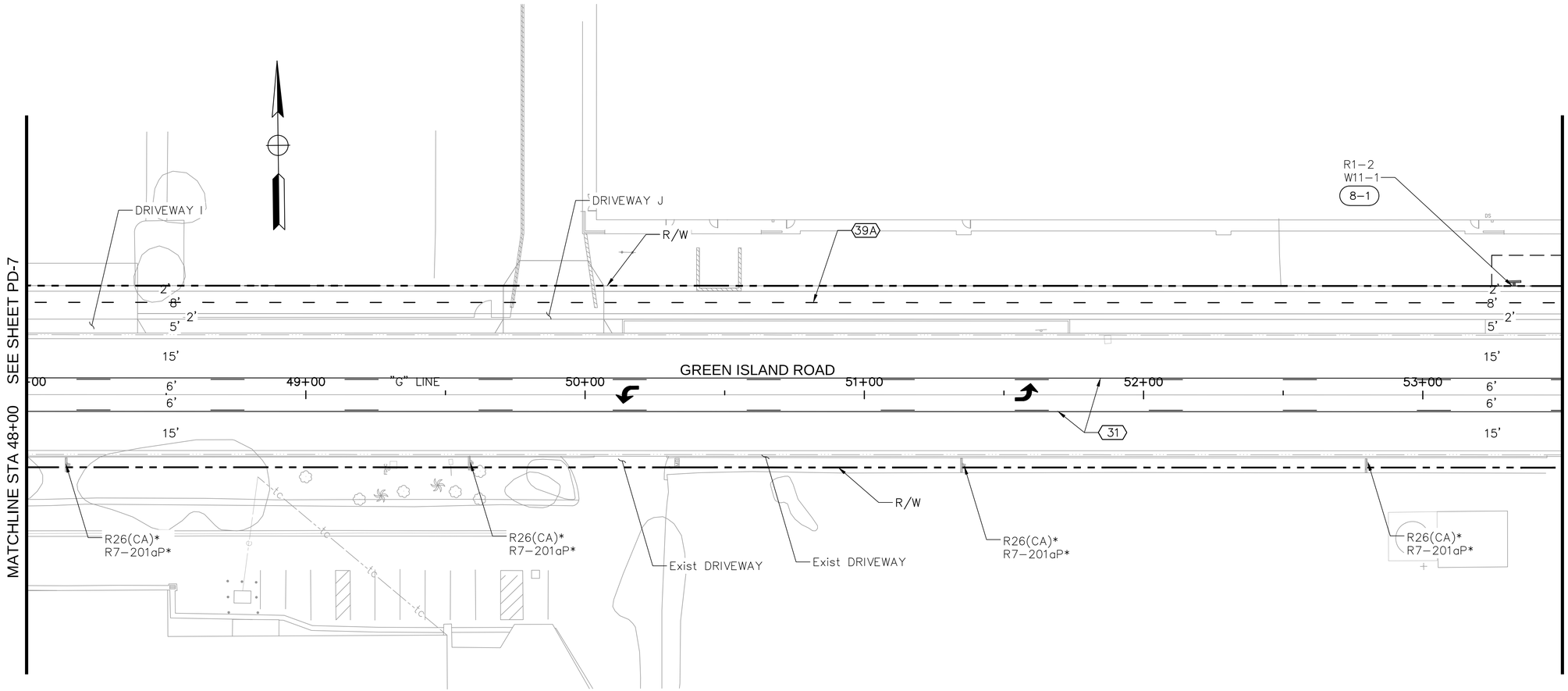
PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-7**

131 OF 148 SHEETS

PD-7 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



Plot Scale=Monday, February 8, 2021 2:23:10 PM

Plot Scale=1" = 1'-0"

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod08.dwg

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
CALIFORNIA
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

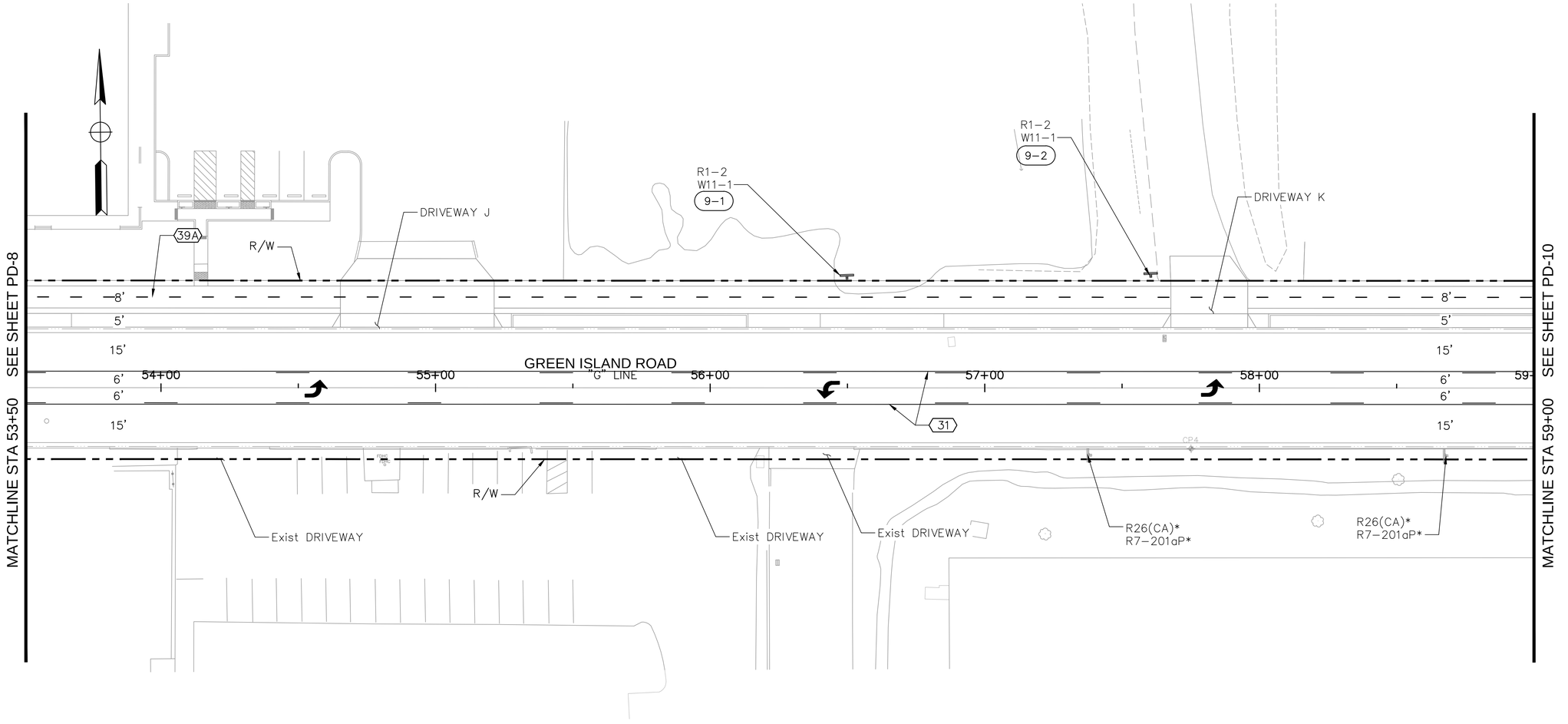
PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	**PD-8**

132 OF 148 SHEETS

PD–8 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

CITY OF AMERICAN CANYON
INCORPORATED 1992

DESIGNED BY:	VFD
DRAWN BY:	VFD
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-9**

133 OF 148 SHEETS

PD-9 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 2:24:48 PM
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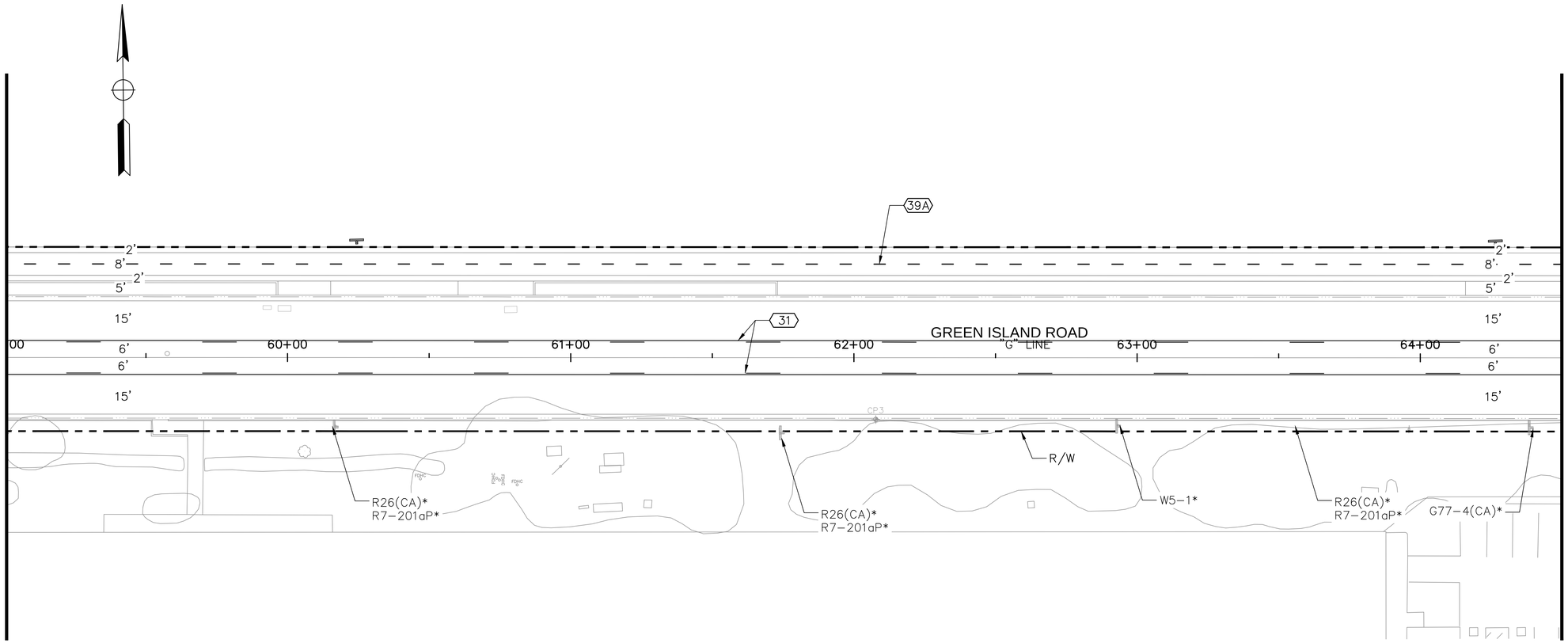

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-10**

134 OF 148 SHEETS

PD-10 ORIGINAL SCALE: 0 1 2 3 4 INCHES GREEN ISLAND RD WIDENING

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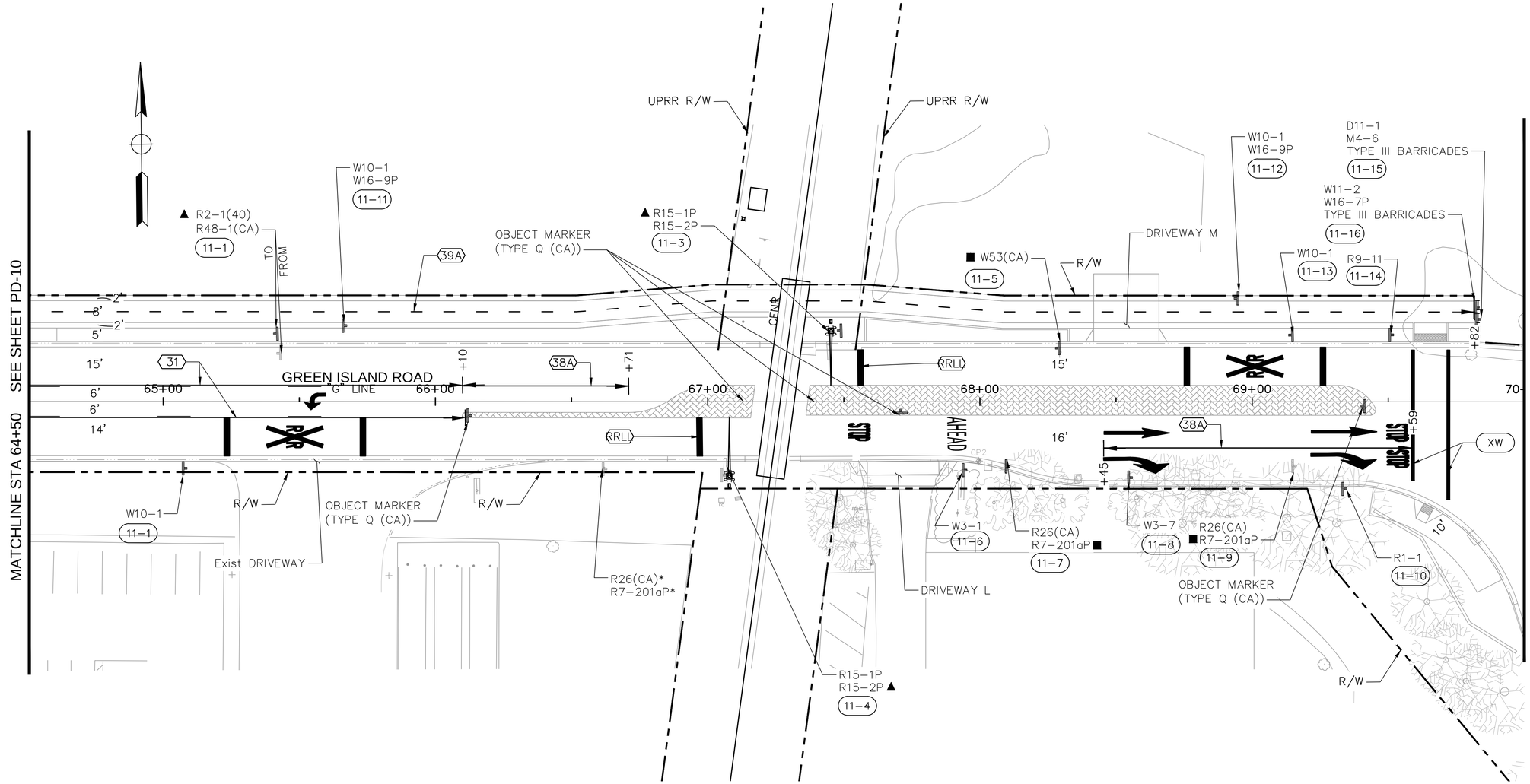
File Name and Location: S:\Client\American Canyon\V48-200 Green Island Road\300-Design\505 - CAD\ Files\V48200mod10.dwg



DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	PD-11
	135 OF 148 SHEETS

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

REVISION	DESCRIPTION	APPROVED	DATE

ORIGINAL SCALE: 0 1 2 3 4 INCHES
PD-11 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 2:28:10 PM
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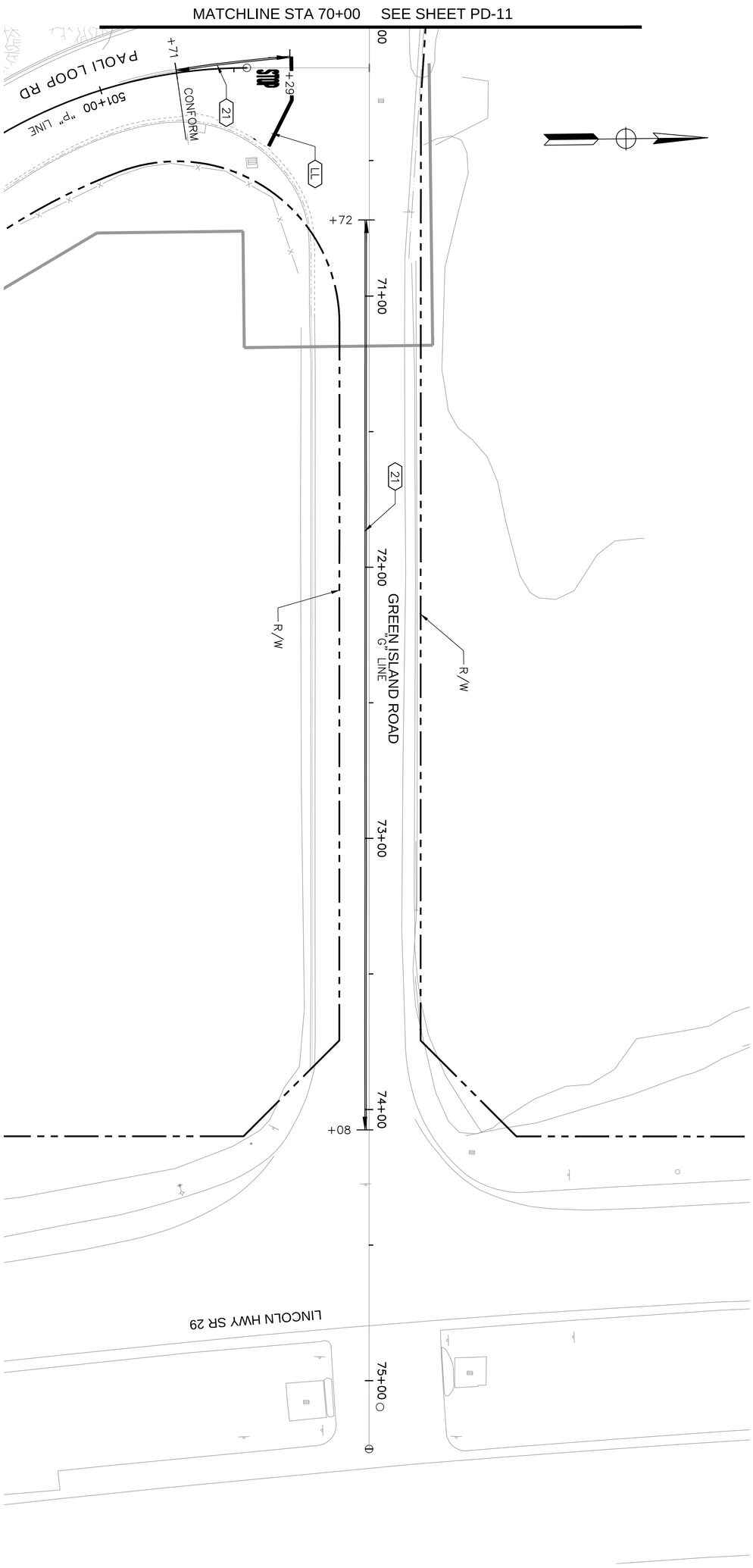
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod11.dwg



DESIGNED BY: SN	DRAWN BY: SN	CHECKED BY: AKM	SCALE: 1" = 20'
PROJECT NO. A48-100	DRAWING NO. PD-12	136of148 SHEETS	

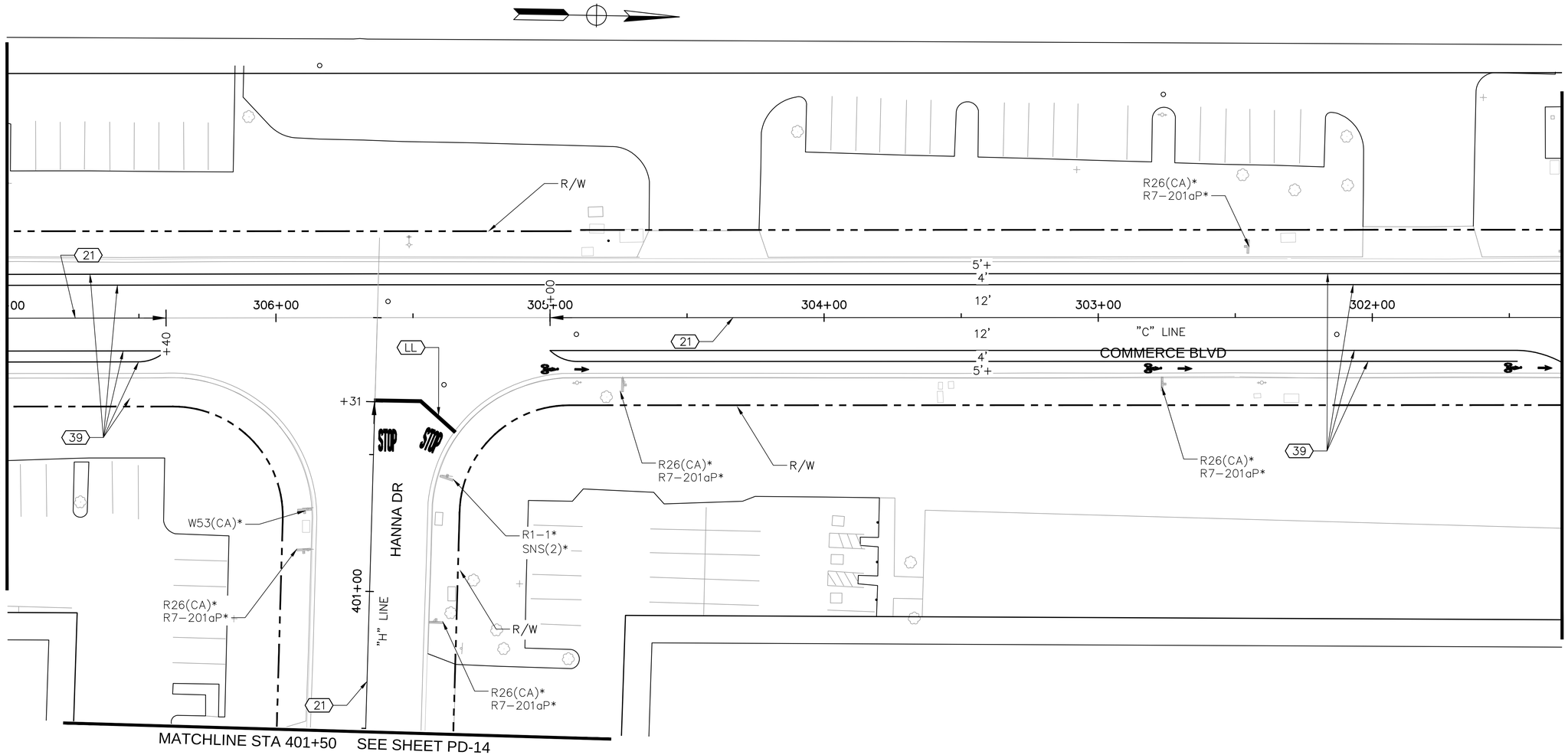
PROJECT:

GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

CITY OF AMERICAN CANYON — CALIFORNIA
PUBLIC WORKS — ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4562 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE



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CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	**PD-13**
	137 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES
PD-13 GREEN ISLAND RD WIDENING

Plot Scale=Monday, February 8, 2021 2:31:28 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200md013.dwg

MATCHLINE STA 401+50 SEE SHEET PD-13

22'

402+00

403+00

AHEAD

BK

404+00

HANNA DR

405+00

406+00

22'

407+00

21'

+70

21

R/W

R/W

R/W

℄

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-5452 Fax: (707) 643-2389

PROJECT:

GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	SN
DRAWN BY:	SN
CHECKED BY:	AKM
SCALE:	1" = 20'
PROJECT NO.	A48-100
DRAWING NO.	PD-14

138 OF 148 SHEETS

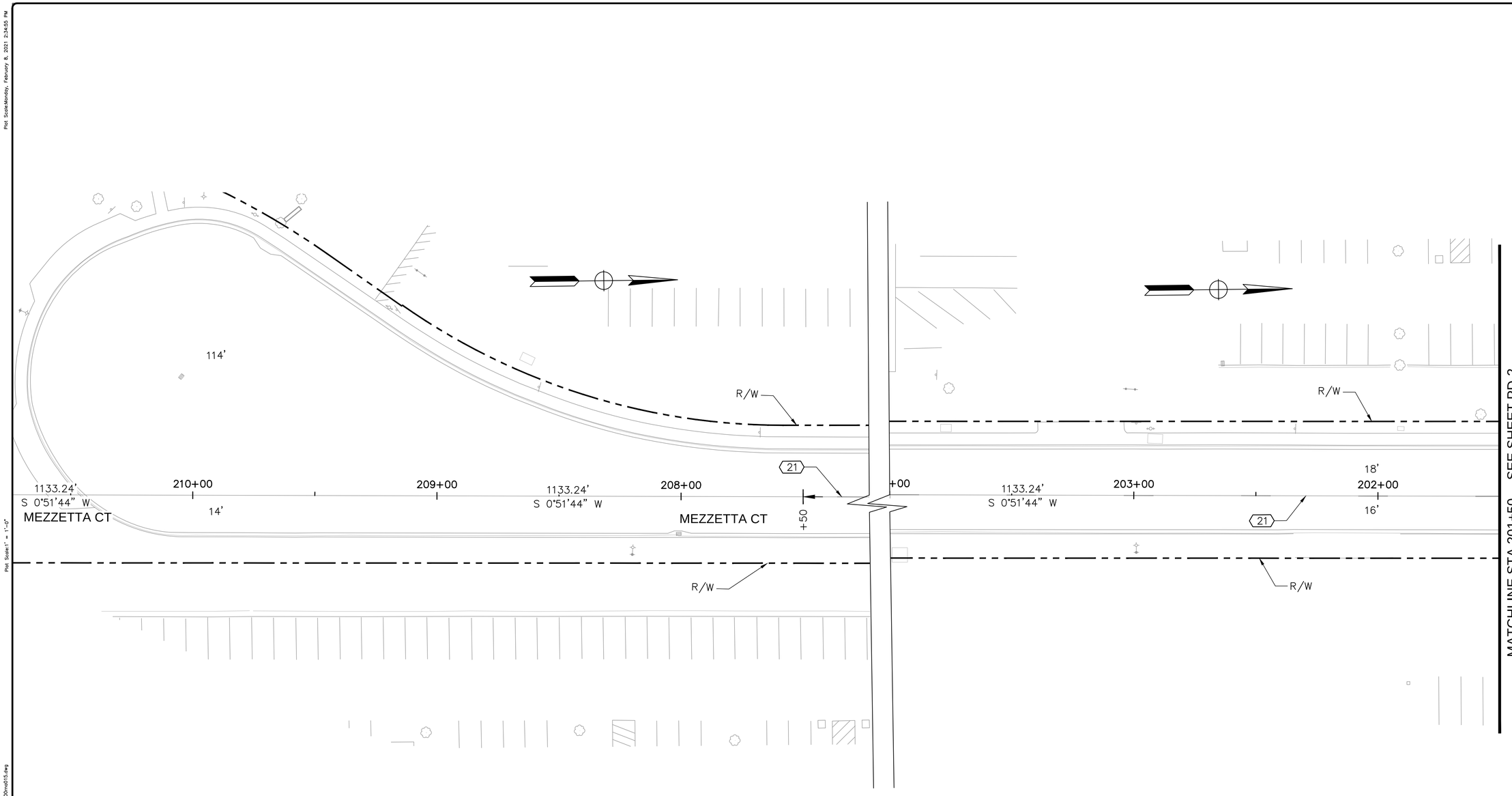
ORIGINAL SCALE: 0 1 2 3 4 INCHES

PD-14 GREEN ISLAND RD WIDENING

Plot Scale:1" = 1'-0"

Plot Date/Time:Monday, February 8, 2021 2:33:06 PM

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200md014.dwg



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Plot Date=Monday, February 8, 2021 2:34:55 PM

File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod15.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

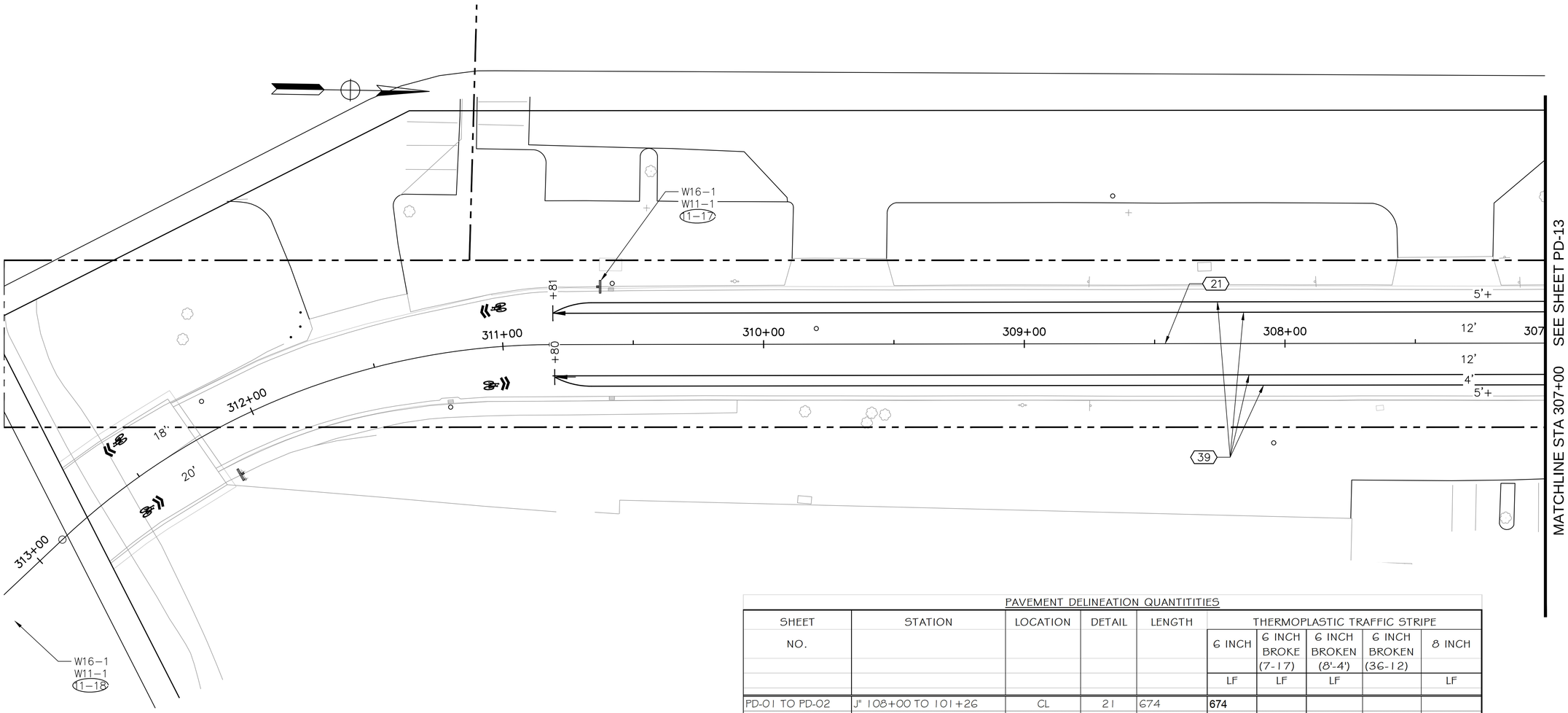
PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY:	AKM
DRAWN BY:	AKM
CHECKED BY:	JPJ
SCALE:	1" = 20'
PROJECT NO.	A48–100
DRAWING NO.	PD-15

139 OF 148 SHEETS

PD–15 ORIGINAL SCALE: 1 INCHES 0 1 2 3 4 GREEN ISLAND RD WIDENING



PAVEMENT DELINEATION QUANTITITIES

SHEET NO.	STATION	LOCATION	DETAIL	LENGTH	THERMOPLASTIC TRAFFIC STRIPE				
					6 INCH	6 INCH BROKE (7-17)	6 INCH BROKEN (8'-4')	6 INCH BROKEN (36-12)	8 INCH
					LF	LF	LF		LF
PD-01 TO PD-02	J" 108+00 TO 101+26	CL	21	674	674				
PD-02 TO PD-03	"G" 20+52 TO 23+00	CL	21	248	248				
PD-02 TO PD-03	"G" 20+52 TO 23+00	Lt	38A	248					248
PD-03 TO PD-04	"G" 23+00 TO 26+25 (2)	Lt	28	650	1300				
PD-03 TO PD-04	"G" 23+29 TO 27+51	Lt	8	422		422			
PD-04	"G" 26+25 TO 27+51	CL	21	126	126				
PD-04	"G" 26+61 TO 27+67	Rt	38A	106					106
PD-04	"G" 27+87 TO 28+32	Lt & Rt	39A	436			436		
PD-04	"G" 28+37 TO 30+03	Lt	27B	`	`				
PD-04	"G" 28+37 TO 30+03	Lt	38A	166					166
PD-04	"G" 28+53 TO 30+14	Rt	21	161	161				
PD-04 TO PD-05	"G" 30+14 TO 31+20 (2)	Lt & Rt	28	212	424				
PD-04 TO PD-05	"G" 31+20 TO 34+21(2)	Lt & Rt	31	602	1204			1204	
PD-05	"G" 34+21 TO 37+60 (2)	Lt & Rt	28	678	1356				
PD-06	"G" 40+33 TO 41+78 (2)	Lt & Rt	28	290	580				
PD-6 TO PD-11	"G" 40+33 TO 66+10 (2)	Lt & Rt	31	5154	10308			10308	
PD-11	"G" 66+10 TO 66+70	Rt	38A	60					60
PD-11	"G" 68+43 TO 69+60	Rt	38A	117					117
PD-12	"G" 69+72 TO 74+08	Rt	21	436	436				
PD-12	"P" 500+29 TO 500+17	Lt & Rt	21	12	12				
PD-03 AND PD-11	"G" 28+29 TO 69+82	Lt	39A	4153			4153		
PD-02	"G" 19+06 TO 19+74	CL	21	68	136				
PD-02/PD-15	"M" 200+57 TO 207+50	CL	21	693	1386				
PD-04/PD-13	"C" 300+48 TO 305+00	CL	21	452	904				
PD-13/PD-14	"C" 306+40 TO 312+00	CL	21	560	1120				
PD-4/PD-13	"C" 300+48 TO 310+81(2)	Rt	39	1033	2066				
PD-13/PD-14	"C" 306+40 TO 312+00(2)	Lt	39	560	1120				
PD-4/PD-13	"C" 300+48 TO 305+00(2)	Lt	39	452	904				
PD-13	"H" 400+31 TO 407+70	CL	21	739	1478				
TOTAL					25943	422	4589	11512	697
GRAND TOTAL					43163				

CITY OF AMERICAN CANYON
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ENGINEERING DIVISION
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REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PAVEMENT DELINEATION AND SIGN PLAN

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. PD-16
140 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
PD-16 GREEN ISLAND RD WIDENING

Plot Date=Monday, February 8, 2021 2:36:34 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200mod16.dwg

SIGN QUANTITIES

LINE	STATION	LOCATION	SIGN No.	NEW ROADSIDE SIGN (ONE METAL POST) EA	RELOCATE ROADSIDE SIGN EA	REMOVE ROADSIDE SIGN EA	COMMENTS
"G"	20+56	Rt	3-1		1		R1-1
"G"	21+60	Lt	3-2	1			R3-7
"G"	26+54	Lt	4-1	1			W73A(CA)
"G"	26+61	Rt	4-2	1			R3-7
"G"	27+00	Rt	4-3		1		R26(CA), R7-201a
"G"	27+60	Rt	4-4		1		R1-1
"G"	28+46	Lt	4-5		1		R1-1
"G"	29+22	Rt	4-6		1		R26(CA), R7-201aP
"G"	29+60	Rt	4-7		1		R2-1(45), R48-1(CA)
"G"	31+15	Rt	4-8		1		R26(CA), R7-201aP
"G"	31+05	Lt	4-9		1		W3-1
"G"	38+29	Lt	4-10	1			D11-1 , R5-3
"G"	38+29	Lt	4-11	1			D11-1 , R5-3
"G"	500+85	Rt	4-12	1			R81(CA) , R81A(CA)
"G"	32+48	Rt	5-1		1		W5-1
"G"	33+05	Rt	5-2		1		R26(CA), R7-201aP
"G"	34+00	Rt	5-3		1		W10-1 , W48(CA)(2)
"G"	34+55	Rt	5-4		1		R26(CA), R7-201aP
"G"	36+20	Rt	5-5		1		R26(CA), R7-201aP
"G"	31+88	Lt	5-6	1			W10-1 , W16-9b
"G"	36+20	Lt	5-7	1			R1-2, W11-1
"G"	38+00	Lt	6-1	1			R15-1P, R15-2P
"G"	38+00	Lt	6-2			1	R1-1
"G"	38+40	Lt	6-3	1			R15-1P, R15-2P
"G"	38+70	Lt	6-4			1	R1-1
"G"	38+64	Rt	6-5		1		R15-1P, R15-2P
"G"	39+35	Lt	6-6		1		R15-1P, R15-2P
"G"	41+00	Lt	6-7	1			W10-1 , W48(CA)(2)
"G"	40+14	Lt	6-8	1			W10-1 , W16-9b
"G"	44+00	Lt	7-1	1			D11-1 , R81(B)(CA)
"G"	48+00	Lt	7-2	1			R1-2,W11-1
"G"	53+33	Lt	8-1	1			R1-2,W11-1
"G"	58+50	Lt	9-1	1			R1-2,W11-1
"G"	57+60	Lt	9-2	1			R1-2,W11-1
"G"	65+07	Rt	11-1	1			W10-1
"G"	65+43	Lt	11-2		1		R2-1, R48-1(CA)
"G"	67+45	Lt	11-3		1		R15-1P, R15-2P
"G"	67+08	Rt	11-4		1		R15-1P, R15-2P
"G"	68+29	Lt	11-5			1	W53(CA)
"G"	67+93	Rt	11-6	1			W3-1
"G"	68+10	Rt	11-7			1	R26(CA), R7-201aP
"G"	68+55	Rt	11-8	1			W3-7
"G"	69+14	Rt	11-9			1	R26(CA), R7-201aP
"G"	69+34	Rt	11-10	1			R1-1
"G"	65+64	Lt	11-11	1			W10-1, W16-9P
"G"	68+95	Lt	11-12	1			W10-1, W16-9P
"G"	69+14	Lt	11-13	1			W10-1
"G"	69+50	Lt	11-14	1			R9-11
"G"	69+84	Lt	11-15	1			D11-1 , M4-6
"G"	69+84	Lt	11-16	1			W11-2,W16-7P
TOTAL				27	18	5	

(N) NOT A SEPARATE PAY ITEM

THERMOPLASTIC PAVEMENT MARKING

SHEET	STATION	DETAIL	LOCATION	TOTAL SF	TOTAL EA
PD-02	"J" 100+40	STOP	Rt	22	
PD-02	"J" 100+26	CROSWALK	Lt & Rt	97	
PD-02	"G" 19+70	STOP	Lt	22	
PD-02	"G" 19+74	LIMIT LINE	Lt	40	
PD-02	"G" 20+60 (2)	STOP	Lt	44	
PD-02	"M" 200+60	STOP	Lt	22	
PD-02	"G" 20+52	CROSWALK	Lt & Rt	81	
PD-02	"M" 200+56	LIMIT LINE	Lt	37	
PD-03	"G" 21+20	Type III (L) Arrow	Lt	42	
PD-03	"G" 23+00 TO 26+5	DIAGONAL STRIPE	CL & Rt	260	
PD-03	"G" 21+20	Type II (R) Arrow	Lt	45	
PD-03	"G" 23+00	Type III (L) Arrow	Lt	42	
PD-03	"G" 23+00	Type II (R) Arrow	Lt	45	
PD-04	"G" 27+00	Type II (R) Arrow	Rt	45	
PD-04	"G" 28+37 TO 29+50	DIAGONAL STRIPE	Lt & Rt	258	
PD-04	"G" 27+00	Type II (L) Arrow	Rt	45	
PD-04	"G" 27+00	Type I Arrow	Rt	31	
PD-04	"G" 27+40	STOP	Rt	22	
PD-04	"G" 27+60 (2)	STOP	Rt	44	
PD-04	"G" 27+51	LIMIT LINE	Rt	12	
PD-04	"G" 27+67	LIMIT LINE	Rt	27	
PD-04	"G" 28+40	STOP	Lt	22	
PD-04	"G" 28+60	STOP	Lt & Rt	22	
PD-04	"G" 28+38	LIMIT LINE	Rt	16	
PD-04	"G" 28+53	LIMIT LINE	Rt	12	
PD-04	"G" 28+90	Type I Arrow	Lt	31	
PD-04	"G" 28+90	Type II (L) Arrow	Lt & Rt	45	
PD-04	"G" 29+90	Type I Arrow	Lt	31	
PD-04	"G" 29+90	Type II (L) Arrow	Lt & Rt	45	
PD-04	"C" 300+40(2)	STOP	Lt	44	
PD-04	"C" 300+30	LIMIT LINE	Lt	48	
PD-04	"C" 300+43	BIKE WITH PERSON AND ARROW	Lt	17	
PD-04	"C" 300+85	BIKE WITH PERSON AND ARROW	Lt	17	
PD-05	"G" 32+00 (2)	TYPE IV (Rt AND Lt)	Lt & Rt	30	
PD-05	"G" 34+21 TO 36+00	DIAGONAL STRIPE	Lt & Rt	245.7	
PD-05	"G" 34+00 (2)	TYPE IV (Rt AND Lt)	Lt & Rt	152	
PD-05	"G" 36+50	RAIL CROSSING	Rt	126	
PD-06	"G" 38+65	RAIL CROSSING STOP BAR	Lt	14	
PD-06	"G"39+45	RAIL CROSSING STOP BAR	Rt	14	
PD-06	"G" 41+50	RAIL CROSSING	Rt	126	
PD-06	"G" 41+70	Type I Arrow	Rt	31	
PD-06	"G"42+50 (2)	TYPE IV (Lt)	Rt	44	
PD-06	"G" 41+78	TYPE IV (Lt)	Lt & Rt	22	
PD-06	VARIES	OBJECT MARKERS	CL		4
PD-07	"G" 44+00	TYPE IV (Lt)	Lt & Rt	44	
PD-07	"G" 47+50	TYPE IV (Lt)	Lt & Rt	44	
PD-08	"G" 50+15	TYPE IV (Lt)	Lt & Rt	22	
PD-08	"G" 51+65	TYPE IV (Lt)	Lt & Rt	22	
PD-09	"G" 54+55	TYPE IV (Lt)	Lt & Rt	22	
PD-09	"G" 56+50	TYPE IV (Lt)	Lt & Rt	22	
PD-09	"G" 57+90	TYPE IV (Lt)	Lt & Rt	22	
PD-11	"G" 65+50	RAIL CROSSING	Rt	126	
PD-11	"G" 67+00	RAIL CROSSING STOP BAR	Lt	14	
PD-11	"G" 65+52	TYPE IV (Lt)	Lt & Rt	22	
PD-11	"G" 67+00	STOP AHEAD	Rt	53	
PD-11	"G" 67+50	RAIL CROSSING STOP BAR	Lt	15	
PD-11	"G" 69+00	RAIL CROSSING	Lt	130	
PD-11	"G" 68+50	Type I Arrow	Rt	31	
PD-11	"G" 68+50	Type II (R) Arrow	Rt	45	
PD-11	"G" 69+30	Type I Arrow	Rt	31	
PD-11	"G" 69+30	Type II (R) Arrow	Rt	45	
PD-11	"G" 69+50 (2)	STOP	Rt	44	
PD-11	"G" 69+70	CROSSWALK	Lt & Rt	100	
PD-11	VARIES	OBJECT MARKERS	CL & Rt		5
PD-12	"P" 500+30	STOP	Lt	22	
PD-12	"P" 500+29	LIMIT LINE	Lt	35	
PD-13	"H" 400+31	LIMIT LINE	Lt	32	
PD-13	"H" 400+40	STOP	Lt	44	
PD-13	"C" 301+50	BIKE WITH PERSON AND ARROW	Lt	17	
PD-13	"C" 305+00	BIKE WITH PERSON AND ARROW	Lt	17	
PD-14	"H" 403+50	STOP AHEAD	Rt	53	
PD-16	"C" 311+00	SHARED ROADWAY BIKE MARKING	Rt	11.5	
PD-16	"C" 312+50	SHARED ROADWAY BIKE MARKING	Rt	11.5	
TOTAL				3534.7	9

CITY OF AMERICAN CANYON
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4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

PD AND SIGN QUANTITIES

CITY OF AMERICAN CANYON
INCORPORATED 1992

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **PDQ-1**

141 OF 148 SHEETS

PDQ-1 ORIGINAL SCALE: 0 1" 2" 3" 4 GREEN ISLAND RD WIDENING

Plot Date/Time: Monday, February 8, 2021 2:37:34 PM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200coa001.dwg

MINOR CONCRETE

STATION	DRIVEWAY	CURB RAMP	CURB	CURB & GUTTER	TYPE A CURB AND GUTTER Mod	TYPE C CURB Mod	MEDIAN ISLAND PAVING	SIDEWALK	CLASS II AB*
	CY	CY	CY	CY	CY	CY	CY	CY	CY
"G" 27+80.85 TO 38+80	62.94	5.4	2.22	130.16	45.72	31.65	4.47	1.93	482.00
"G" 38+80 TO 67+29.29	31.83			110.22	111.72	77.34	26.67		875.06
"G" 67+29.29 TO 69+81.58	2.04			16.68	12.63	8.75	0.34		75.32
TOTAL	96.8 CY	5.4 CY	2.2 CY	257.1 CY	170.1 CY	117.7 CY	31.5 CY	1.9 CY	1432.4 CY

* - CLASS II AB INCLUDED IN ROADWAY QUANTITIES

REMOVAL QUANTITIES

STATION	OFFSET	REMOVE TREE	REMOVE CONCRETE CURB & GUTTER	REMOVE CONCRETE CURB	REMOVE CONCRETE SIDEWALK AND DRIVEWAY		REMOVE ASPHALT PAVEMENT		REMOVE WOOD FENCE	REMOVE CHAIN LINK FENCE
					CURB RAMP	DRIVEWAY	DRIVEWAY	PAVEMENT		
		EA	LF	LF	CY	CY	SQFT	SQFT	LF	LF
"G" 26+00 TO 31+00	Rt	5								
"G" 31+00 TO 37+00	Rt	9								
"G" 67+50 TO 70+00	Rt	1								
"G" 26+02.73 TO 27+92.11	Lt		221.6							
"G" 28+35.46 TO 38+87.79	Rt		1076.8							
"G" 39+61.40 TO 41+00	Rt		135.6							
"G" 67+34.13 TO 69+96.22	Rt		282.6							
"G" 19+54.84 TO 20+55.59	Rt		21.3							
"G" 20+22.77 TO 20+48.73	Rt		34.5							
"G" 19+54.84 TO 20+55.59	Rt				176.6					
"J" 100+29.88 TO 100+21.25	Rt				101.3					
"G" 20+22.77 TO 20+48.73	Rt				166.3					
"G" 27+83.14 TO 27+83.14	Lt			23.50						
"G" 28+20.73 TO 28+20.73	Lt			23.5						
"G" 30+94.48 TO 31+05.98	Lt			14.4						
"G" 49+26 TO 50+21	Lt (Driveway)			42						
"G" 54+44 TO 55+52	Lt (Driveway)			83						
"G" 27+80.85 TO 28+29.05	Rt (Driveway A)					1346				
"G" 29+56.55 TO 29+80.88	Rt (Driveway B)						290.26			
"G" 30+30.65 TO 30+66.65	Rt (Driveway C)						530.5			
"G" 31+14.10 TO 31+38.10	Rt (Driveway D)						345.6			
"G" 1+88.17 TO 32+12.17	Rt (Driveway E)						336.9			
"G" 32+38.42 TO 32+58.42	Rt (Driveway F)					264.3				
"G" 33+24.35 TO 33+40.35	Rt (Driveway G)						198.26			
"G" 47+95.77 TO 48+39.74	Rt (Driveway H)						1476.9			
"G" 49+70.71 TO 50+06.71	Rt (Driveway I)						1076.8			
"G" 54+65.33 TO 55+21.33	Rt (Driveway J)						2147.6			
"G" 57+67.74 TO 57+95.74	Rt (Driveway K)						937			
"G" 67+58.60 TO 67+88.53	Lt (Driveway L)					259.7				
"G" 68+41.79 TO 68+65.79	Rt (Driveway M)						0			
"G" 28+35.31TO 29+01.41	Lt									79
"G" 28+37.71TO 29+51.22	Lt								110	
VARIES								361900		
TOTAL		15	1772.4		444.2	1870.0	7339.8	361900.0	110.0	79.0
	GRAND TOTAL	15 NOS	1772 LF	186 LF	85.71 CY		41026.65 SF		110 LF	79 LF

ROADWAY QUANTITIES

STATION	FDR-C	HMA-A	CLASS II AB
	SQYD	TON	CY
"G" 26+02.73 TO 37+23		562.32	940.56
"G" 41+27.9 TO 71+00		781.44	1307.07
"G" 56+00 TO 71+00		2417.13	
"J" 108+80 TO "G" 71+00	33520.72	13575.89	
"M" 200+50 TO 210+66.5	7784.32	3152.65	
"H" 401+00 TO 417+87.89	11483.75	4650.92	
"C" 300+80 TO 310+80.84	7527.88	3048.79	
"G" 27+80.85 TO 38+80			482.00
"G" 38+80 TO 67+29.29			875.06
"G" 67+29.29 TO 69+81.58			75.32
CLASS I BIKE PATH		422.40	
PULLOUTS AND DRIVEWAY		157.03	
TOTAL	60316.67 SQYD	28769 TON	3680.0 CY

GEOTEXTILE FABRIC

STATION	Sheet		Area	AREA
			SQFT	SQYD
"G" 56+00 TO 71+00	L-8 TO L-9	Rt	25274.3	2808.3
TOTAL				2808.25 SQYD

CHAIN LINK FENCE

STATION	LOCATION	LENGTH
		LF
"G" 38+37.19 TO 29+05.80	Lt	89.23
	TOTAL	89 LF

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

SUMMARY OF QUANTITIES

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: NTS
PROJECT NO. A48-100
DRAWING NO. Q-1
142 OF 148 SHEETS

ORIGINAL SCALE: 1 INCHES
GREEN ISLAND RD WIDENING
Q-1

Plot Scale=Monday, February 8, 2021 2:38:15 PM
Plot Scale=1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\300-Design\305 - CADD Files\A48200rpp001.dwg

UTILITY QUANTITIES

SHEET NO.	RELOCATE FIRE HYDRANT	RELOCATE PG&E BOX	NEW WATER VALVE	WATER SERVICE	SEWER SERVICE	ADJUST MONUMENT COVER TO GRADE	ADJUST WATER METER (UTILITY)	ADJUST UTILITY VAULT/BOX TO GRADE	ADJUST FRAME AND COVER TO GRADE				ADJUST FRAME AND COVER TO GRADE	ADJUST MANHOLE FRAME AND COVER (UTILITY)	RELOCATE BACKFLOW PREVENTER ASSEMBLY
									WATER VALVE	RECYCLE WATER VALVE	SEWER CLEANOUT	GAS VALVE	WATER VAULT	SEWER	
	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
U-3	2	1					1	1	8	3	1	3		1	
U-4	2		1				5	1	2		1			1	
U-5									1					3	
U-6							2		2			1		1	
U-7	2						1		6		1	1			1
U-8									7	1				3	
U-9									4	2				1	
U-10	1						1		4	1	2		1	1	
TOTAL	**7**	**1**	**1**	**1**	**1**	**0**	**10**	**2**	**34**	**7**	**5**	**5**	**1**	**11**	**1**
									51						

BIO RETENTION QUANTITIES

STATION	LOCATION	LENGTH	AREA	BIORETENTION SOIL MEDIA	6" SLOTTED CORRUGATED PLASTIC PIPE	6" NON PERFORATED PLASTIC PIPE
		LF	SQFT	CY	LF	LF
"G" 28+38.15 TO 28+85.89	Rt	56.74	9.0	18.9	47.7	
"G" 28+85.89 TO 29+06.27	Rt	20.38				30.4
"G" 29+06.27 TO 29+43.75	Rt	46.48	9.0	15.5	37.5	
"G" 29+87.37 TO 30+07.60	Rt	29.23	9.0	9.7	20.2	
"G" 31+42.41 TO 31+80.07	Rt	46.66	9.0	15.6	37.7	
"G" 32+67.49 TO 32+97.49	Rt	39	9.0	13.0	30.0	
"G" 33+80.91 TO 34+60.36	Rt	88.45	9.0	29.5	79.5	
"G" 34+60.36 TO 34+80.93	Rt	20.57				30.6
"G" 34+80.93 TO 35+16.23	Rt	44.3	9.0	14.8	35.3	
"G" 35+73.14 TO 35+93.10	Rt	28.96	9.0	9.7	20.0	
"G" 40+20.20 TO 40+75.34	Rt	64.14	9.0	21.4	55.1	
"G" 40+75.34 TO 40+86.53	Rt	11.19				21.2
"G" 40+86.53 TO 42+19.30	Rt	141.77	9.0	47.3	132.8	
"G" 46+01.22 TO 46+49.08	Rt	56.86	9.0	19.0	47.9	
"G" 46+49.08 TO 46+60.24	Rt	11.16				21.2
"G" 46+60.24 TO 47+41.83	Rt	90.59	9.0	30.2	81.6	
"G" 48+81.19 TO 49+16.19	Rt	44	9.0	14.7	35.0	
"G" 50+13.96 TO 50+50.17	Rt	45.21	9.0	15.1	36.2	
"G" 50+71.33 TO 51+84.99	Rt	122.66	9.0	40.9	113.7	
"G" 55+28.17 TO 56+13.17	Rt	94	9.0	31.3	85.0	
"G" 58+03.94 TO 59+04.77	Rt	109.83	9.0	36.6	100.8	
"G" 59+15.93 TO 59+60	Rt	53.07	9.0	17.7	44.1	
"G" 60+87.41 TO 61+84.41	Rt	106	9.0	35.3	97.0	
"G" 67+58.24 TO 67+81.87	Rt	32.63	9.0	10.9	23.6	
"G" 67+81.87 TO 67+92.98	Rt	11.11				21.1
"G" 67+92.98 TO 68+32.29	Rt	48.31	9.0	16.1	39.3	
"G" 68+74.82 TO 68+89.82	Rt	24	9.0	8.0	15.0	
TOTAL		1487 LF		470.96 CY	1215 LF	124 LF

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3452 Fax: (707) 643-2389

REVISION	DESCRIPTION	APPROVED	DATE

PROJECT:
GREEN ISLAND RD WIDENING

SUMMARY OF QUANTITIES

CITY OF AMERICAN CANYON
INCORPORATED 1992

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **Q-2**
143 OF 148 SHEETS

ORIGINAL SCALE: 0 1" 2" 3" 4" INCHES
GREEN ISLAND RD WIDENING
Q-2

Plot Date/Time:Monday, February 8, 2021 2:38:20 PM
Plot Scale:1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200rpd01.dwg

TEMPORARY TRAFFIC STRIPE (PAINT)

SHEET NO.	STATION	LOCATION	DETAIL	LENGTH	THERMOPLASTIC TRAFFIC STRIPE		
					6 INCH	6 INCH BROKEN (1'-6')	8 INCH
				FT	FT	FT	FT
TH-1	"J" 100+35 TO "G" 20+76(2)	Lt/Rt	40	236		236	
TH-1/TH-2	"G" 20+80 TO 27+84	Lt	21	704	1408		
TH-1/TH-2	"G" 20+80 TO 27+84	RT	27B	175	175		
TH-2	"G" 27+84 TO 28+76	Lt/Rt	40	184		184	
TH-2/TH-4	"G" 28+76 TO 40+61	Lt	21	1185	2370		
TH-2/TH-4	"G" 27+84 TO 39+63	Lt	27B	1179	1179		
TH-2/TH-4	"G" 27+84 TO 38+63	Lt/Rt	27B	1079	1079		
TH-5/TH-6	"G" 20+81 TO 28+08(2)	LT/RT	25A	1454	1454		
TH-6/TH-8	"G" 28+72 TO 39+63	LT	27B	1091	1091		
TH-6/TH-8	"G" 28+72 TO 40+61(2)	LT	25A	2378	2378		
TH-6/TH-8	"G" 28+72 TO 37+35	RT	27B	863	863		
TH-9/TH-10	"G" 21+81 TO 27+83	RT	21	1204	1204		
TH-9/TH-10	"G" 21+81 TO 27+83	RT	27B	602	602		
TH-10	"G" 26+50 TO 27+83	RT	38A	133			133
TH-10/TH-12	"G" 28+72 TO 38+46	LT	27B	974	974		
TH-10/TH-12	"G" 28+72 TO 38+46	RT	21	1948	1948		
TH-12	"G" 39+45 TO 41+01	LT	27B	476	476		
TH-12	"G" 39+54 TO 41+01	LT	21	294	294		
TH-18/TH-23	"G" 39+66 TO 67+04	LT	27B	2738	2738		
TH-18/TH-23	"G" 39+66 TO 69+73	RT	21	6014	6014		
TH-18/TH-23	"G" 39+66 TO 69+73	RT	27B	3007	3007		
TH-24/TH-29	"G" 39+34 TO 73+00	RT	27B	3366	3366		
TH-24/TH-29	"G" 39+54 TO 69+80	RT	21	6052	6052		
TH-29	"G" 69+80 TO 70+80	RT	40	100		100	
TH-29	"G" 70+80 TO 73+00	RT	21	440	440		
TOTAL					**39112**	**520**	**133**
					39765		

TEMPORARY PAVEMENT MARKING (PAINT)

SHEET	SHEET	DETAIL	LOCATION	NO.	TOTAL (SQFT)
STAGE 2A	TH-1	STOP	Rt & Lt	4	88.00
	TH-2	STOP	Lt	2	44.00
	TH-3	RAIL CROSSING	Lt		126.00
	TH-5	LIMIT LINE	Lt		96.00
	TH-6/TH-8	LIMIT LINE	LT/RT		25.00
STAGE 2B	TH-5	STOP	Lt	1	22.00
	TH-6	STOP	Rt	3	66.00
	TH-7	RAIL CROSSING	Lt		126.00
	TH-5	LIMIT LINE	Lt		1.00
	TH-6/TH-8	LIMIT LINE	LT/RT		61.00
STAGE 2C	TH-9	STOP	Rt	1	22.00
	TH-10	STOP	Rt	3	66.00
	TH-11	RAIL CROSSING	Lt		126.00
	TH-9	LIMIT LINE	Lt		11.00
	TH-10	LIMIT LINE	Lt		45.00
STAGE 3	TH-18	RAIL CROSSING	Lt		126.00
	TH-22	RAIL CROSSING	Lt &Rt		126.00
STAGE 4	TH-24	RAIL CROSSING	Lt &Rt		126.00
	TH-29	RAIL CROSSING	Lt &Rt		126.00
TOTAL					1429.00

CRASH CUSHIONS

SHEET NO.	BARRICADES EA	CRASH CUSHION EA	CMS EA
STAGE 2A	15	3	
STAGE 2B	4	3	
STAGE 2C		5	
STAGE 3	8	2	
STAGE 4	2	2	
STAGE 4A	3	0	4

PAVEMENT DELINEATION REMOVAL

SHEET NO.		STATION	LOCATION	DETAIL	REMOVE THERMOPLASTIC PAVEMENT STRIPE	REMOVE THERMOPLASTIC PAVEMENT MARKING
					LF	SQFT
SC-1	STAGE 1	"J" 108+00 TO 101+50	Lt	21	1300	
TH-1	STAGE2A	"G" 20+76 TO 23+20	Lt	38A	326.96	
TH-1/TH-2		"G" 20+76 TO 23+20	Lt	21	488	
TH-1/TH-2		"G" 23+20 TO 26+50	Lt	28	1320	
TH-1/TH-2		"G" 23+20 TO 27+84	Lt	8	464	
TH-1/TH-2		"G" 26+50 TO 27+84	Lt	21	268	
TH-2		"G" 28+37 TO 29+84	Lt	38A	196.98	
TH-2/TH-4		"G" 30+58 TO 38+41	Rt	21	1566	
TH-3		"G" 36+50	Rt	RAILROAD CROSSING		136
TH-4		"G" 39+34 TO 40+61	Lt	21	254	
TH-23	STAGE 3	"G" 67+55 TO 69+50	Rt	21	390	
TOTAL					**6573.94**	**136**

Plot Date/Time: Monday, February 8, 2021 2:38:25 PM
Plot Scale: 1" = 1'-0"
File Name and Location: S:\Client\American Canyon\A48-200 Green Island Road\500-Design\505 - CADD Files\A48200psp001.dwg

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-3432 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

SUMMARY OF QUANTITIES

DESIGNED BY: AKM
DRAWN BY: AKM
CHECKED BY: JPJ
SCALE: 1" = 20'
PROJECT NO. A48-100
DRAWING NO. **Q-3**

144 OF 148 SHEETS

ORIGINAL SCALE: 0 1 2 3 4 INCHES
GREEN ISLAND RD WIDENING
Q-3

GENERAL NOTES: (FOR ELECTRICAL WORK ONLY)

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST VERSION OF THE CITY OF AMERICAN CANYON ENGINEERING STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC IMPROVEMENT, 2018 CALTRANS STANDARD PLANS AND SPECIFICATIONS WITH SUBSEQUENT REVISIONS AND THE SPECIAL PROVISIONS.
2. UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 811 AT LEAST 48 HOURS PRIOR TO ALL EXCAVATION WORK.
3. CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE REQUIREMENTS WITH PG&E, AT&T AND OTHER AFFECTED UTILITIES PRIOR TO THE START OF WORK.
4. DEMOLITION OF EXISTING FEATURES SHALL BE LIMITED TO THE ITEMS SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIAL PROVISIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE ALL EXISTING IMPROVEMENTS DAMAGED BY HIS OPERATIONS, AT HIS EXPENSE.
5. THE LOCATION OF ALL PULL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. ALL NEW PULL BOXES SHALL NOT BE PLACED WITHIN DRIVEWAY AND CURB RAMP AREAS.
7. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
8. THE CONTRACTOR SHALL CONTACT PG&E FOR NEW SERVICE CONNECTIONS AND VERIFY WITH PG&E REGARDING SERVICE PULL BOX, CONDUIT, AND CONDUCTOR REQUIREMENTS PRIOR TO BEGINNING OF WORK.
9. ALL PULL BOXES SHALL BE CHRISTY B1017 OR APPROVED EQUAL, UNLESS OTHERWISE NOTED ON THE PLAN. STREET LIGHTING PULL BOX COVERS SHALL BE INSCRIBED "STREET LIGHTING".
10. LIGHTS SHALL BE PLACED TO AVOID EXISTING UTILITIES.
11. ALL LUMINAIRES SHALL HAVE INDIVIDUAL PHOTOCELL.

LEGEND: (FOR SHEET E-1 TO E-3)

SUPPLY AND INSTALL CITY 30' STANDARD STREET LIGHT WITH 10' LUMINAIRE ARM AND CREE 134 W LED LUMINAIRE (MODEL No. STR-LWY-2M-HT-06-E-UL-700-R-40K) OR APROVED EQUAL, UNLESS OTHERWISE NOTED. PEC SHALL BE INSTALLED ON EACH STREET LIGHT.

EXISTING STREET LIGHT

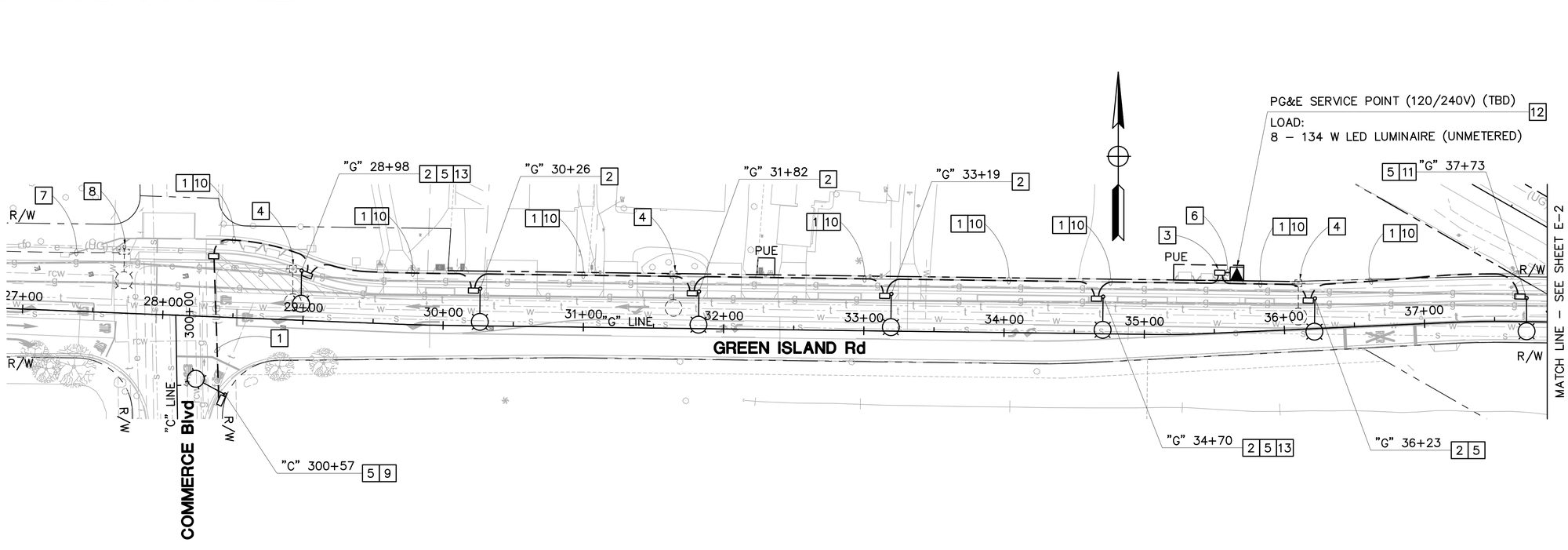
EXISTING LUMINAIRES ON WOOD POLE

APPLICABLE CALTRANS STANDARD PLAN:

RSP ES-1A, RSP ES-1B, RSP ES-1C, RSP ES-5D, RSP ES-6A, ES-6B, RSP ES-6F, RSP ES-7B, RSP ES-7M, ES-7N, RSP ES-7O, RSP ES-8A, ES-13A

PROJECT NOTES: (FOR THIS SHEET ONLY)

1. 2"C, 2#8 (240 V LIGHTING), 1#10 (GROUND).
2. SEE DETAIL A ON SHEET E-4 FOR STREET LIGHT POLE LOCATION.
3. INSTALL PG&E No.2 PULL BOX WITH FUSES PER PG&E REQUIREMENT.
4. CONTRACTOR SHALL COORDINATE WITH PG&E TO REMOVE LUMINAIRE FROM UTILITY POLE.
5. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING STREET LIGHT FOUNDATION NEAR EXISTING UTILITY.
6. 3"C, 1#10 (PULL WIRE). CONDUIT DEPTH SHALL MEET PG&E REQUIREMENT.
7. EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
8. EXISTING STREET LIGHT TO REMAIN.
9. SEE DETAIL B ON SHEET E-4 FOR STREET LIGHT POLE LOCATION.
10. INSTALL CONDUIT IN JOINT TRENCH.
11. SEE DETAIL C ON SHEET E-4 FOR STREET LIGHT POLE LOCATION.
12. COORDINATE WITH PG&E FOR SERVICE CONNECTION.
13. SEE DETAIL E ON SHEET E-4 FOR STREET LIGHT POLE AND PULL BOX LOCATION.



REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
CALIFORNIA CANYON
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4563 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

STREET LIGHTING PLAN

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

REGISTERED PROFESSIONAL ENGINEER
KIN Y. CHAN
No. 55391
Exp. 12/31/22
CIVIL
STATE OF CALIFORNIA

DESIGNED BY:	CL
DRAWN BY:	CL
CHECKED BY:	KYC
SCALE:	1" = 40'
PROJECT NO.	
DRAWING NO.	E-1

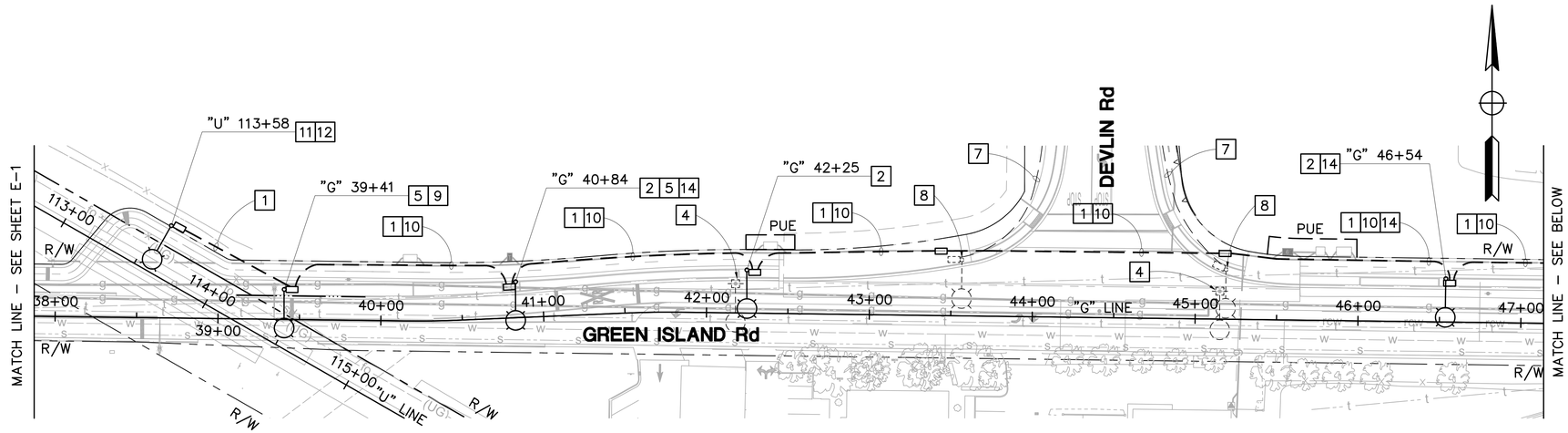
145 OF 148 SHEETS

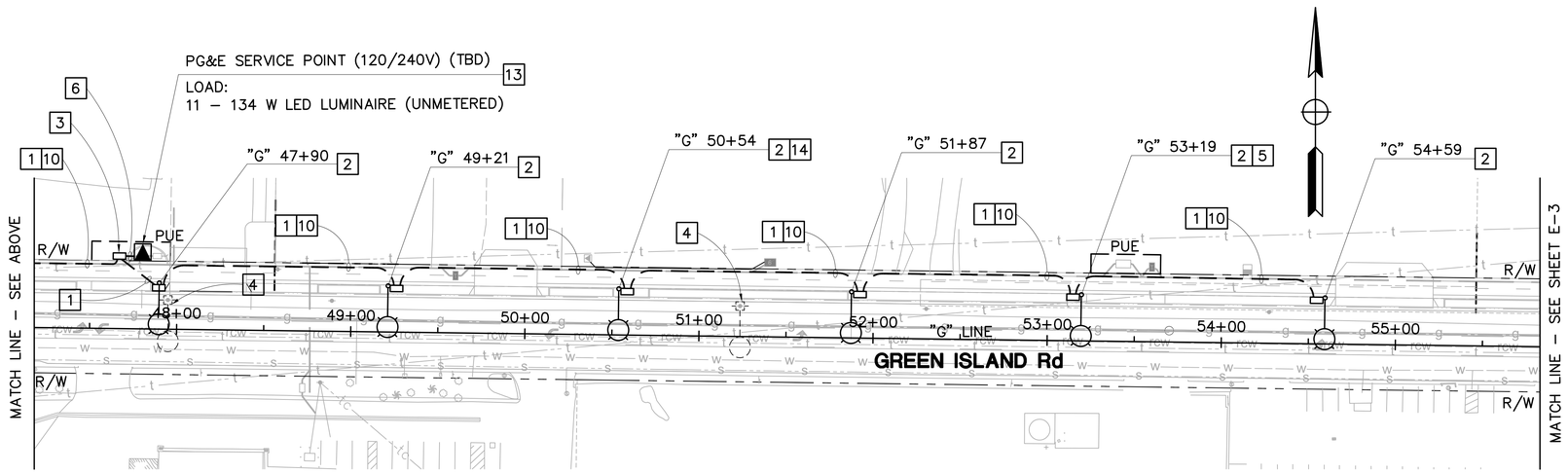
NOTE:

1. SEE SHEET E–1 FOR GENERAL NOTES, ABBREVIATION AND LEGEND.

PROJECT NOTES: (FOR THIS SHEET ONLY)

1. 2"C, 2#8 (240 V LIGHTING), 1#10 (GROUND).
2. SEE DETAIL A ON SHEET E–4 FOR STREET LIGHT POLE LOCATION.
3. INSTALL PG&E No.2 PULL BOX WITH FUSES PER PG&E REQUIREMENT.
4. CONTRACTOR SHALL COORDINATE WITH PG&E TO REMOVE LUMINAIRE FROM UTILITY POLE.
5. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING STREET LIGHT FOUNDATION NEAR EXISTING UTILITY.
6. 3"C, 1#10 (PULL WIRE). CONDUIT DEPTH SHALL MEET PG&E REQUIREMENT.
7. EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
8. EXISTING STREET LIGHT TO REMAIN.
9. SEE DETAIL C ON SHEET E–4 FOR STREET LIGHT POLE LOCATION.
10. INSTALL CONDUIT IN JOINT TRENCH.
11. POLE HEIGHT SHALL BE 20' WITH 6' LUMINAIRE ARM.
12. SEE DETAIL D ON SHEET E–4.
13. COORDINATE WITH PG&E FOR SERVICE CONNECTION.
14. SEE DETAIL E ON SHEET E–4 FOR STREET LIGHT POLE AND PULL BOX LOCATION.





REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4563 Fax: (707) 643-2389

PROJECT: GREEN ISLAND RD WIDENING

STREET LIGHTING PLAN

AMERICAN CANYON CITY OF INCORPORATED 1992

DESIGNED BY:	CL
DRAWN BY:	CL
CHECKED BY:	KYC
SCALE:	1" = 40'
PROJECT NO.	
DRAWING NO.	E-2

146 OF 148 SHEETS

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

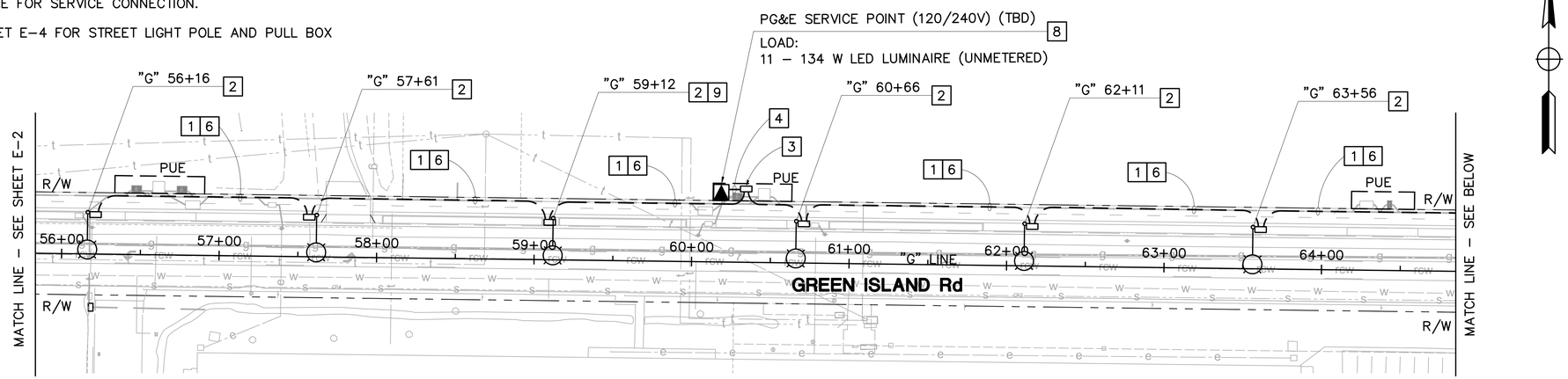
REGISTERED PROFESSIONAL ENGINEER
KIN Y. CHAN
No. 55391
Exp. 12/31/22
CIVIL
STATE OF CALIFORNIA

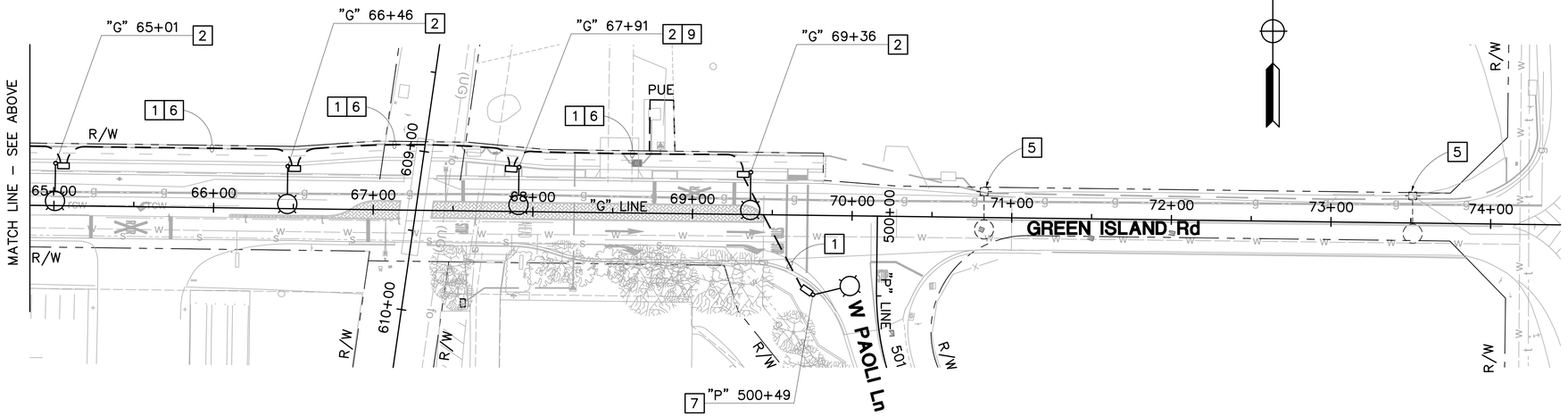
NOTE:

1. SEE SHEET E-1 FOR GENERAL NOTES, ABBREVIATION AND LEGEND.

PROJECT NOTES: (FOR THIS SHEET ONLY)

1. 2"C, 2#8 THW (240 V LIGHTING), 1#10 (GROUND).
2. SEE DETAIL A ON SHEET E-4 FOR STREET LIGHT POLE LOCATION.
3. INSTALL PG&E No.2 PULL BOX WITH FUSES PER PG&E REQUIREMENT.
4. 3"C, 1#10 (PULL WIRE). CONDUIT DEPTH SHALL MEET PG&E REQUIREMENT.
5. EXISTING STREET LIGHT ON WOOD POLE TO REMAIN.
6. INSTALL CONDUIT IN JOINT TRENCH.
7. SEE DETAIL B ON SHEET E-4 FOR STREET LIGHT POLE LOCATION.
8. COORDINATE WITH PG&E FOR SERVICE CONNECTION.
9. SEE DETAIL E ON SHEET E-4 FOR STREET LIGHT POLE AND PULL BOX LOCATION.





Y&C
TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

REGISTERED PROFESSIONAL ENGINEER
KIN Y. CHAN
No. 55391
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CIVIL
STATE OF CALIFORNIA

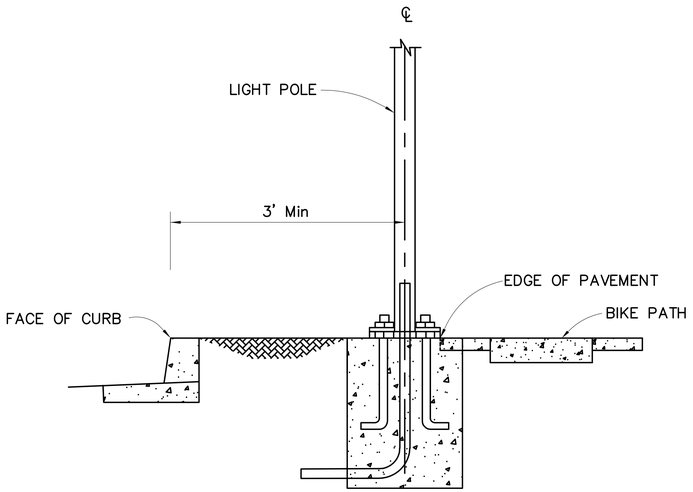
REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS
ENGINEERING DIVISION
4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4563 Fax: (707) 643-2389

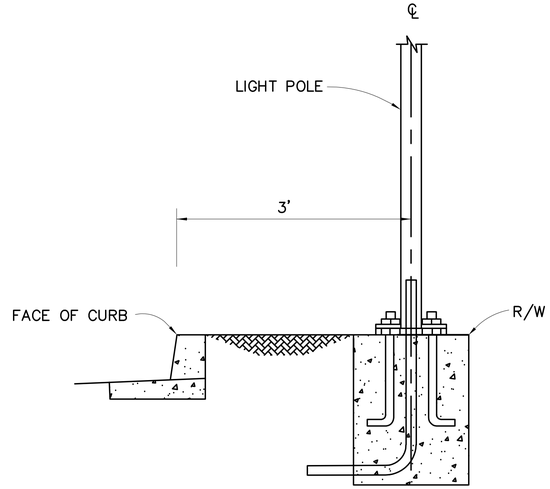
PROJECT:
GREEN ISLAND RD WIDENING

STREET LIGHTING PLAN

DESIGNED BY:	CL
DRAWN BY:	CL
CHECKED BY:	KYC
SCALE:	1" = 40'
PROJECT NO.	
DRAWING NO.	E-3



STREET LIGHT POLE LOCATION
DETAIL A
NO SCALE



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DETAIL B
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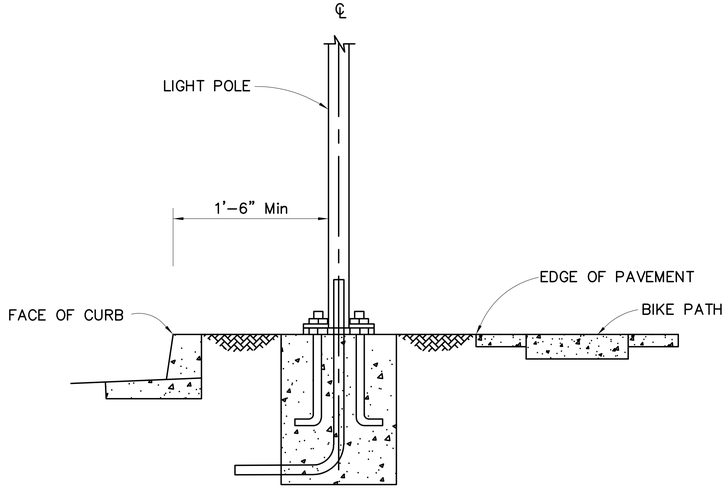

STREET LIGHT POLE LOCATION
DETAIL C
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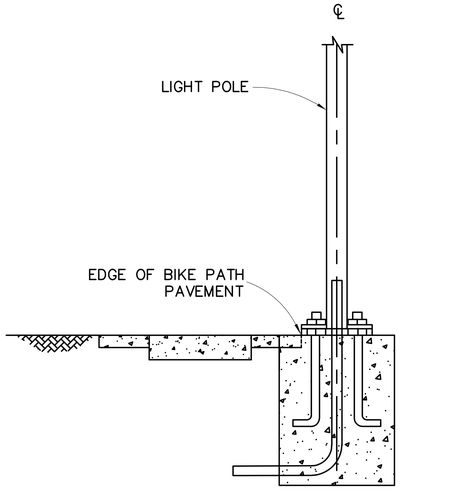
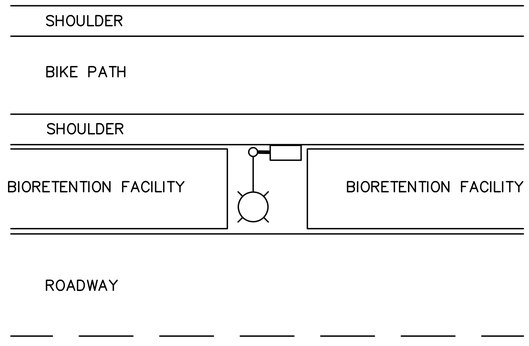


STREET LIGHT POLE LOCATION
DETAIL D
NO SCALE



STREET LIGHT POLE AND PULL BOX LOCATION
DETAIL E
NO SCALE

REVISION	DESCRIPTION	APPROVED	DATE

CITY OF AMERICAN CANYON
PUBLIC WORKS

CALIFORNIA CANYON
ENGINEERING DIVISION

4381 Broadway, Suite 201
American Canyon, CA 94503
Phone: (707) 647-4563 Fax: (707) 643-2389

PROJECT:
GREEN ISLAND RD WIDENING

ELECTRICAL DETAILS

AMERICAN CITY OF CANYON INCORPORATED 1992

DESIGNED BY:	CL
DRAWN BY:	CL
CHECKED BY:	KYC
SCALE:	NO SCALE
PROJECT NO.	
DRAWING NO.	E-4

148 OF 148 SHEETS

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

REGISTERED PROFESSIONAL ENGINEER
KIN Y. CHAN
No. 55391
Exp. 12/31/22
CIVIL
STATE OF CALIFORNIA

LANDSCAPE CONSTRUCTION DOCUMENTS FOR

WETLANDS EDGE PARK

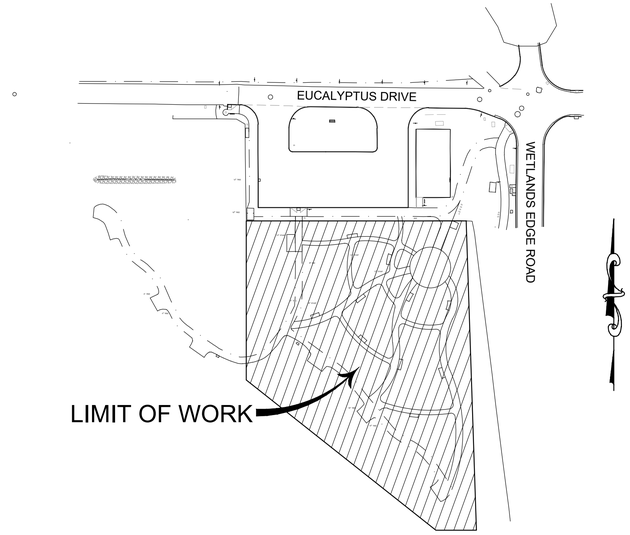
AMERICAN CANYON, CALIFORNIA

SHEET INDEX

L-0.0	COVER SHEET
L-1.0	GENERAL NOTES & SPECIFICATIONS
L-2.0	CONSTRUCTION CALLOUT PLAN
L-3.0	LAYOUT PLAN
L-4.0	TREE PLAN
L-5.0	SHRUB PLAN
L-6.0 TO L-6.1	IRRIGATION PLAN
L-7.0	CONSTRUCTION DETAILS
L-8.0	PLANTING DETAILS
L-9.0	IRRIGATION DETAILS

VICINITY MAP

SITE MAP



CONSULTANTS:

CIVIL ENGINEER: RSA+
1515 FOURTH STREET
NAPA, CA 94559
(707) 252-3301

CLIENT:

CITY OF AMERICAN CANYON
4381 BROADWAY STREET SUITE 201
AMERICAN CANYON, CA. 94503
(707) 647-4360

MWELO STATEMENT OF COMPLIANCE

"I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE."

SUSAN HEIKEN, PLA — CA LICENSE #6292
STUDIO 1515

CALL 811 BEFORE YOU DIG. SAFE DIGGING PARTNER

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PRELIMINARY - NOT FOR CONSTRUCTION

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.5115

WETLANDS EDGE PARK
COVER SHEET
AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Susan S. Heiken #6292
Signature 02/21/25
Renewal Date
STATE OF CALIFORNIA

DATE	AUG 2, 2024	
DRAWN	TB	
DESIGNED	RB	
CHECKED	SH	

JOB NO. 24_007.0

SHEET NO.
L-0.0

CONSTRUCTION SPECIFICATIONS

1. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS TO FURNISH AND INSTALL DRAINAGE SYSTEMS AS INDICATED ON THE DRAWINGS.

2. THE CONTRACTOR SHALL MAINTAIN THE PROJECT SITE THROUGHOUT THE PROCESS OF WORK IN A REASONABLE, DRY, WORKABLE CONDITION, FREE OF SURFACE WATER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ALL PIPES PRIOR TO THE INSTALLATION OF PAVING AND OTHER SITE IMPROVEMENTS THAT MAY CREATE CONFLICTS WITH INSTALLATION OF OTHER WORK.

4. THE BOTTOM OF TRENCHES SHALL BE GRADED AND PREPARED TO PROVIDE A FIRM AND UNIFORM BEARING SURFACE THROUGHOUT THE ENTIRE LENGTH OF PIPE.

5. ALL TRENCHES SHALL BE BACK-FILLED WITH CLEAN, ON-SITE MATERIAL COMPACTED TO 95% RELATIVE COMPACTION.

6. THE CONTRACTOR SHALL CONSTRUCT FINISH GRADES OF LANDSCAPE TO DIRECT WATER TOWARDS DRAINAGE STRUCTURES OR STREET AS APPLICABLE.

7. FINISH GRADES IN PLANTER AREAS SHALL BE 1 INCH BELOW TOP OF CURB OR PAVING IN TURF AREAS AND 2" BELOW TOP OF GRADE OR PAVING IN SHRUB AREAS.

8. ALL EXISTING GRADES SHOWN ARE PER THE TOPOGRAPHIC SURVEY.

9. GENERALLY, ALLOWABLE SLOPES FOR LANDSCAPE AREAS SHALL BE AS FOLLOWS:

	MINIMUM	MAXIMUM
CONCRETE WALKS (LONGITUDINAL):	0%	5%
CONCRETE WALKS (CROSS SLOPES):	1%	2%
LANDSCAPE AREAS:	2%	5%

10. GRADE BREAK TRANSITIONS CONSTRUCTED IN PAVED AREAS SHALL BE SMOOTH WITHOUT ANY NOTICEABLE POINT.

11. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL CONCRETE FRAMEWORK IN PLACE PRIOR TO THE PLACEMENT OF CONCRETE, AND RESERVES THE RIGHT TO MAKE ANY FIELD MODIFICATIONS AND GRADE ADJUSTMENTS DEEMED NECESSARY. THE FINISH GRADES OF ALL LANDSCAPE AREAS ARE TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL

CONCRETE

GENERAL

A. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO CONSTRUCT THE CONCRETE IMPROVEMENTS AS SHOWN ON THE DRAWINGS, AND NOTED HEREIN.

B. ALL CONCRETE SHALL CONSIST OF PORTLAND CEMENT, FINE AGGREGATE (SAND), COARSE AGGREGATE AND WATER, PROPORTIONED AND MIXED TO ATTAIN 28 DAY COMPRESSIVE STRENGTH OF 2800 PSI WITH A SLUMP NOT TO EXCEED THREE INCHES. CONCRETE REINFORCEMENT PER GEOTECHNICAL REPORTS.

C. THE CONTRACTOR SHALL CONFORM WITH ALL APPLICABLE RECOMMENDATIONS CONTAINED IN " RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" PUBLICATION # 347-78 OF THE AMERICAN CONCRETE INSTITUTE.

MATERIALS

A. CEMENT STYLE SHALL BE TYPE II LOW ALKALI PORTLAND CEMENT CONFORMING TO ASTM C-150. THE SAME BRAND OF CEMENT SHALL BE USED THROUGHOUT THE PROJECT.

B. COLOR: NATURAL GRAY EXCEPT WHERE NOTED ON PLANS.

C. REINFORCING STEEL FOR PAVING AND WALLS SHALL BE NEW BILLET STEEL BARS CONFORMING TO ASTM A615-68.

FORMS

A. FORMS SHALL BE FREE OF WARP, SET PLUMB AND TRUE TO LINE AND GRADE WITH UPPER EDGES FLUSH WITH SPECIFIED GRADE OR FINISH SURFACE OF THE CONSTRUCTED IMPROVEMENT, AND NOT MORE THAN 1/2" WIDER THAN THE SPECIFIED THICKNESS OF THE EDGE OF THE CONCRETE TO BE PLACED.

B. WOODEN FORMS SHALL HAVE A NET THICKNESS OF AT LEAST 1-1/2" AND SHALL BE FREE FROM IMPERFECTIONS WHICH WOULD IMPAIR THE STRENGTH FOR THE USE INTENDED. BENDERS OR THIN PLANK FORMS MAY BE USED ON CURVES. FORMS SHALL BE SECURED BY NAILING TO SIDE STAKES OF SUFFICIENT LENGTH AND CROSS SECTIONAL AREA TO ADEQUATELY RESIST LATERAL DISPLACEMENT DURING THE PLACEMENT OF CONCRETE.

FINISHING

A. CONCRETE SURFACES SHALL BE FLOATED PRIOR TO STEEL TROWEL. FORMED EDGES SHALL BE ROUNDED TO A RADIUS OF 1/2" OR AS SPECIFIED ON THE DRAWINGS. EDGES AT EXPANSION JOINTS SHALL BE ROUNDED TO A RADIUS OF 1/4".

B. CONCRETE FINISHES SHALL BE AS NOTED ON THE DRAWINGS AND SPECIFIED HEREIN.

C. NO ADVERTISING IMPRESSION, STAMPS, OR MARKS OF ANY DESCRIPTION WILL BE PERMITTED ON CONCRETE SURFACES. BROOM FINISH SHALL BE PERFORMED AFTER FINISH TROWELLING BY DRAWING THE FOLLOWING BROOM TYPES ACROSS THE NARROWEST WIDTH OF CONCRETE.

1.) MEDIUM BROOM FINISH - PUSH WITH MEDIUM OR STIFF BRISTLES.

JOINTS

A. SET PREMOLDED EXPANSION JOINT STRIP BELOW FINISH GRADE SURFACE, TEMPORARILY SECURED TO THE TOP OF EXPANSION STRIP OR USE PLASTIC FILLER EXPANSION JOINTS SHALL BE SEALED WITH POLYSULFIDE OR POLYURETHANE WATERPROOF CAULKING. USE 1/2" EXPANSION JOINTS THROUGHOUT.

B. SCORED CONTROL JOINTS SHALL BE TOOLED TO A MINIMUM DEPTH OF 3/4" AND SHALL HAVE A RADIUS OF 1/8".

C. EXPANSION JOINTS TO BE 20' O.C.; DEEP TOOLED JOINTS TO BE 10' O.C.; SCORE JOINTS TO BE 5' O.C..

CURING COMPOUND

A. RESIN-BASE, CLEAR CURING COMPOUND CONFORMING TO ASTM C 309, TYPE

GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, BY LICENSED CONTRACTORS AND EXPERIENCED WORKMEN. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES RELATING TO HIS/HER WORK.

2. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND BE HELD ACCOUNTABLE FOR ALL DAMAGES INCURRED.

3. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS; ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO THE CONSTRUCTION OF PLAN FEATURES.

4. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.

5. SAFETY OF PERSONS AND PROPERTY:

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT.

B. THE CONTRACTOR SHALL TAKE RESPONSIBLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY, OR LOSS TO EMPLOYEES ON THE SITE AND OTHER PERSONS WHO MAY BE AFFECTED THEREBY; THE WORK, MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF SITE, UNDER CARE, CUSTODY, OR CONTROL OF THE CONTRACTOR OR THE CONTRACTOR'S SUBCONTRACTORS; AND OTHER PROPERTY AT THE SITE OR ADJACENT THERETO SUCH AS TREES, SHRUBS, LAWNS, PAVEMENTS, ROADWAYS, STRUCTURES AND UTILITIES.

6. DESIGN, MATERIALS, EQUIPMENT AND PRODUCTS OTHER THAN THOSE DESCRIBED BELOW OR INDICATED ON THE DRAWINGS MAY BE CONSIDERED FOR USE, PROVIDED PRIOR APPROVAL FOR USE IS OBTAINED FROM THE OWNER'S REPRESENTATIVE, LANDSCAPE ARCHITECT, AND APPLICABLE GOVERNING AUTHORITY. NO VARIATION FROM DESIGN, MATERIALS, EQUIPMENT, OR PRODUCT SHALL BE ALLOWED WITHOUT SUCH APPROVALS.

7. ALL DIMENSIONS ARE TAKEN FROM FACE OF BUILDING, FACE OF WALL OR EDGE OF PAVING, UNLESS OTHERWISE NOTED ON THE PLAN. ALL RADII AND CURVES ARE TO HAVE SMOOTH CONTINUOUS TRANSITIONS WITHOUT ABRUPT CHANGES OR BENDS.

GENERAL DRAINAGE NOTES

1. PRIOR TO INITIATING WORK, CONTRACTOR SHALL VERIFY ALL GRADES, UTILITY LOCATIONS, EXISTING DRAINAGE STRUCTURES, AND STREET IMPROVEMENTS. IMMEDIATELY NOTIFY CITY ENGINEER OF ANY FIELD DISCREPANCIES WITH PLANS.

2. ALL PLANTED AREAS TO SLOPE TO AREA DRAINS AT A MINIMUM 2% SLOPE UNLESS OTHERWISE NOTED.

3. ALL LANDSCAPE DRAINLINES TO FALL AT A MINIMUM 1% SLOPE TO DRAINAGE STRUCTURES. SEE CIVIL ENGINEER'S PLANS FOR EXISTING ELEVATIONS.

4. ALL LANDSCAPE DRAINS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON PLAN. DRAINS THAT ARE NOT INSTALLED, OR THE RESULT OF SUCH ACTION SHALL NOT BE THE RESPONSIBILITY OF THE LANDSCAPE ARCHITECT.

5. FINISH GRADES IN PLANTED AREAS SHALL BE 1" BELOW TOP OF CURB OR PAVING IN TURF AREAS AND 2" BELOW TOP OF CURB OR PAVING IN SHRUB AREAS. 1% CROSS SLOPE UNLESS NOTED OTHERWISE. FINISH GRADE SHALL BE SET PRIOR TO PLANTING. ANY DISCREPANCY OR UNFINISHED AREAS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.

6. CONCRETE CONTRACTOR TO PROVIDE RISER AT FACE OF STOOP IF APPROACHING ENTRY WALKWAY EXCEEDS MAXIMUM ALLOWABLE SLOPE OF 5% AS DESIGNATED IN "CONSTRUCTION SPECIFICATIONS" ON THIS SHEET. SEE " CONSTRUCTION SPECIFICATIONS" ON THIS SHEET, FOR ADDITIONAL CONCRETE SLOPE AND LOT GRADING CRITERIA.

7. ALL CONCRETE SHALL HAVE MINIMUM 1% CROSS SLOPE OR AS NOTED ON PLANS.

GENERAL IRRIGATION NOTES

1. THE IRRIGATION PLAN IS DIAGRAMMATIC: ALL IRRIGATION EQUIPMENT SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS. ALL VALVES AND SYSTEM EQUIPMENT SHALL BE LOCATED IN SHRUB AREAS WHEREVER POSSIBLE.

2. THE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED CONTRACTOR IN CONFORMANCE WITH ALL APPLICABLE STATE AND LOCAL CODES/ORDINANCES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES RELATED TO HIS WORK ON THE PROJECT.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH GRADE DIFFERENCES AND WITH ALL LOCATIONS OF STRUCTURES, UTILITIES, AND FENCES. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHERS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERAL LINES THROUGH FOOTINGS, UNDER PAVING, ETC. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER.

4. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN AREA DIMENSIONS EXIST THAT MAY NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY NECESSARY REVISIONS.

5. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM PRESSURE AND THE MAXIMUM FLOW DEMAND AS STATED ON THE DRAWINGS FOR EACH POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY STATIC WATER PRESSURE, SERVICE LINE SIZE, AND WATER METER SIZE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE ACTUAL WATER PRESSURE, SERVICE SIZE, AND METER SIZE WITH THAT INDICATED ON THE DRAWINGS IS TO BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE AS WELL AS THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.

6. ALL PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. LATERAL PIPE NOT SIZED ON DRAWINGS AND DOWNSTREAM OF 1" PIPE SHALL BE 3/4" SIZE. NO SUBSTITUTIONS OF SMALLER PIPE SHALL BE PERMITTED. HOWEVER, SUBSTITUTIONS FOR LARGER PIPE SIZES MAY BE APPROVED.

7. ALL MAINLINE PIPING AND CONTROL WIRES UNDER PAVING OR WALLS SHALL BE INSTALLED IN SEPARATE SLEEVES. MAINLINE SLEEVES SHALL BE A MINIMUM OF TWICE (2X) THE DIAMETER OF THE PIPE TO BE SLEEVED. CONTROL WIRE SLEEVES SHALL BE OF SUFFICIENT SIZE (MINIMUM 1" SIZE) FOR THE REQUIRED NUMBER OF WIRES UNDER PAVING.

8. ALL EXCAVATIONS ARE TO BE BACKFILLED TO 85% COMPACTION (95% UNDER PAVING) UNLESS OTHERWISE NOTED.

9. THE CONTRACTOR SHALL REVIEW AND VERIFY THE LOCATION AND TYPE OF ELECTRICAL POWER SOURCE IN THE FIELD WITH THE OWNER'S REPRESENTATIVE AND THE IRRIGATION DRAWINGS. ANY DISCREPANCIES MUST BE REPORTED TO BOTH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF ALL CONTROLLER LOCATIONS PRIOR TO INSTALLATION AND SHALL MAKE THE FINAL CONNECTION FROM THE ELECTRICAL SOURCE TO THE CONTROLLER(S).

10. IRRIGATION CONTROL WIRE SHALL BE #14-1, U.L. APPROVED FOR DIRECT BURIAL. COMMON WIRE SHALL BE WHITE IN COLOR AND PILOT WIRES SHALL BE A COLOR OTHER THAN WHITE.

11. ALL WIRE SPLICES SHALL BE MADE WITHIN VALVE BOXES. SPLICES SHALL BE MADE WITH A COPPER CRIMP-TYPE CONNECTOR AND INSTALLED WITHIN '3M' #DBY SEALING PACK, OR APPROVED EQUAL. TAPE WIRES IN BUNDLES EVERY 10'.

12. THE CONTRACTOR SHALL FLUSH AND ADJUST ALL NOZZLES AND VALVES FOR OPTIMUM COVERAGE.

13. IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

14. THE CONTRACTOR SHALL GUARANTEE THAT THE IRRIGATION SYSTEM IS FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF WORK. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DEFECTIVE MATERIALS OR WORK AT NO ADDITIONAL COST TO THE OWNER.

15. CONTRACTOR SHALL HIRE A THIRD PARTY IRRIGATION AUDITOR TO CONFIRM THAT THE IRRIGATION SYSTEM WAS INSTALLED PER APPROVED PLANS.

16. CONTRACTOR SHALL SUBMIT TO THE CITY A CERTIFICATE OF COMPLETION, IRRIGATION AUDIT REPORT, IRRIGATION SCHEDULE, MAINTENANCE SCHEDULE, SOILS MANAGEMENT REPORT, WHICH SHALL INCLUDE THE SOILS AGRONOMY TEST WITH RECOMMENDATIONS, PROOF SHOWING THAT THE RECOMMENDATIONS WERE FOLLOWED, AND ANY ADDITIONAL REQUIRED INFORMATION AT THE COMPLETION OF PROJECT PRIOR TO FINAL INSPECTION.

GENERAL PLANTING NOTES

1. CONTRACTOR SHALL MAINTAIN A QUALIFIED SUPERVISOR ON THE SITE AT ALL TIMES DURING CONSTRUCTION AND THROUGH THE COMPLETION OF PICKUP WORK.

2. CONTRACTOR SHALL VERIFY ALL PLANT MATERIAL QUANTITIES PRIOR TO INSTALLATION. PLANT MATERIAL QUANTITIES ARE LISTED FOR THE CONVENIENCE OF THE CONTRACTOR. ACTUAL NUMBER OF SYMBOLS SHALL HAVE PRIORITY OVER QUANTITY DESIGNATED.

3. ALL PLANT MATERIALS SHALL BE CERTIFIED BY THE NAPA COUNTY AGRICULTURAL COMMISSIONER INSPECTION PROGRAM FOR THE FREEDOM OF GLASS WINGED SHARPSHOOTER OR OTHER PESTS IDENTIFIED BY THE AGRICULTURAL COMMISSIONER.

4. THE AGRICULTURAL COMMISSIONER'S OFFICE SHALL BE NOTIFIED OF ALL IMPENDING DELIVERIES OF LIVE PLANTS WITH POINTS OF ORIGIN OUTSIDE OF NAPA COUNTY SO THAT INSPECTION CAN BE ARRANGED.

5. VERIFY EXISTING GRADE IN FIELD PRIOR TO PLANTING. EXISTING GRADE SHALL BE WITHIN ONE TENTH (1/10) OF A FOOT OF FINISH GRADE. FINISH GRADE SHALL BE 1 INCH BELOW TOP OF CURB AND/OR PAVING IN TURF AREAS AND 2 INCHES BELOW TOP OF CURB OR PAVING IN GROUND COVER AREAS.

6. PRIOR TO PLANTING, IRRIGATION SYSTEM SHALL BE FULLY OPERATIONAL. THOROUGHLY WATER ALL PLANTS IMMEDIATELY AFTER PLANTING.

7. PRIOR TO EXCAVATION, CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND UTILITIES

8. PRIOR TO START OF PROJECT CONTRACTOR SHALL SUBMIT SOURCES OF PLANT MATERIALS AND TREES TO LANDSCAPE ARCHITECT.

9. PRIOR TO INSTALLATION, ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR THE OWNER'S REPRESENTATIVE. PLANT MATERIALS REJECTED FOR THE PROJECT SHALL BE IMMEDIATELY REMOVED FROM THE SITE.

10. LANDSCAPE ARCHITECT SHALL APPROVE ALL TREE LOCATIONS PRIOR TO INSTALLATION. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT MIN. 72 HOURS PRIOR TO SCHEDULE TREE APPROVAL SITE VISIT. ANY AND ALL TREES INSTALLED COULD BE SUBJECT TO RELOCATION AT CONTRACTOR'S EXPENSE.

11. PRIOR TO PLANTING, ALL PLANTING AREAS SHALL BE FREE OF WEEDS, ROCKS, AND DEBRIS.

12. THE SOILS AMENDMENTS SPECIFIED HEREIN ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR SHALL PROVIDE A SOILS AGRONOMY REPORT FROM AN APPROVED SOILS LABORATORY PRIOR TO THE INSTALLATION OF PLANT MATERIAL. FOR THE AREA TO BE LANDSCAPED THE FOLLOWING AMENDMENTS SHALL BE CROSS RIPPED OR EQUALLY CULTIVATED BY MEANS OF ROTOTILLING A UNIFORM DEPTH OF 12 INCHES AS FOLLOWS, EXCEPT IN AREAS WITH SLOPES OF 3:1OR GREATER. IN THESE AREAS AMENDMENTS SHOULD BE INSTALLED OR ADDED PER PLANTING DETAILS FOR EACH INDIVIDUAL PLANT.

AMOUNT PER 1,000 SQUARE FEET
-4 CU YDS. NITROGEN STABILIZED ORGANIC AMENDMENT DERIVED FROM REDWOOD, FIR, OR CEDAR SAWDUST.
-35LBS. 6-20-20 PELLETIZED FERTILIZER
-100LBS. AGRICULTURAL GYPSUM
-13 LBS. SOIL SULFUR

ALL SOIL AMENDMENTS SPECIFIED ARE FOR BIDDING PURPOSES ONLY. ONCE THE PROJECT SITE HAS BEEN ROUGH GRADED CONTRACTOR SHALL OBTAIN A SOILS AGRONOMY REPORT COMMUNICATING CLEARLY TO THE SOILS LAB THAT THE PLANTING AREA IS FOR CALIFORNIA NATIVE PLANTS. CONTRACTOR SHALL SUBMIT ONE COPY TO THE OWNER'S REPRESENTATIVE AND ONE TO THE LANDSCAPE ARCHITECT. THE SOIL PREPARATION AND AMENDMENT RECOMMENDATIONS INCLUDED IN THE SOILS REPORT SUPERCEDE THESE NOTES AND SHALL BE FOLLOWED BY THE CONTRACTOR.

13. THE PLANTING PIT PERIMETERS FOR TREES AND SHRUBS SHALL BE EXCAVATED TO TWICE THE DIAMETER OF THE ROOTBALL, AS NOTED AND SHOWN ON THE PLANTING DETAILS. THE PITS SHALL BE SCARIFIED. THE ROOTBALL SHALL BE SET ON UNDISTURBED SOIL AND THE CROWN SHALL BE SET 1" ABOVE FINISH GRADE. A 3" BERM SHALL BE CREATED AROUND THE PLANT PIT AND MULCHED WITH 3" MINIMUM BARK MULCH. ALLOW 6" MULCH CLEARANCE FROM SHRUB STEM AND TREE TRUNK.

-6 PARTS ON-SITE SOIL
-4 PARTS BY VOLUME ORGANIC AMENDMENT PER ABOVE (#12) SOIL PREP MIX.

14. THIRTY DAYS AFTER INSTALLATION ALL LANDSCAPE AREAS SHALL BE FERTILIZED WITH APPROVED 16-6-8 FERTILIZER APPLIED AT A RATE OF SIX (6) POUNDS PER 1000 SQ.FT. FERTILIZER APPLICATION SHALL BE CONTINUED THEREAFTER AT 60 DAY INTERVALS.

15. FERTILIZER TABLETS SHALL BE AGRIFORM, 21 GRAM TABLETS (20-10-5) OR EQUAL IN QUANTITIES AS FOLLOWS:

-1 GALLON SHRUB 1
-5 GALLON SHRUB 3
-15 GALLON SHRUB OR TREE 4
-24" BOX TREE & LARGER 1 PER 4" OF BOX SIZE
-PLACE TABLETS AT HALF THE DEPTH OF THE ROOTBALL.

16. ALL SHRUB AND FALLOW AREAS TO RECEIVE 3" MINIMUM DEPTH OF SHREDDED RECYCLED WOOD MULCH. MULCH SHALL BE SHREDDED CEDAR OR REDWOOD CHIPS 1"-3" IN LENGTH BY 3/8" -5/8" IN DIAMETER. RECYCLED WOOD MULCH PROVIDED BY WASTE MANAGEMENT EARTHCARE, A DIVISION OF WASTE MANAGEMENT RECYCLE AMERICA (877) 963-2784 OR APPROVED EQUAL. ALLOW 6" MULCH CLEARANCE FROM SHRUB STEM AND TREE TRUNK.

17. PRIOR TO COMPLETION, THE LANDSCAPE ARCHITECT SHALL REVIEW THE PROJECT LANDSCAPE FOR COMPLIANCE OF INSTALLATION IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT A MINIMUM OF 72 HOURS PRIOR TO A SITE VISIT.

18. TREE SETBACKS SHALL BE THE FOLLOWING, OR AS PER LOCAL CODES AND ORDINANCES:

-6' FROM PAVED SURFACES
-5' FROM WATER METERS AND JOINT TRENCHES
-7' FROM STREETLIGHTS
-10' FROM SANITARY SEWER LINES

19. ALL TREES PLANTED WITHIN 5' OF PAVING, WATER METERS, OR JOINT TRENCHES SHALL RECEIVE LINEAR RECYCLED PLASTIC ROOT BARRIERS PARALLEL TO CURB AND WALKS EACH SIDE (24" DEPTH X 4' LENGTH, MIN.) MANUF. DEEPROOT. #UB-24-2. (800) 458-7668.

20. THE CONTRACTOR SHALL GUARANTEE THAT ALL SHRUBS ARE FREE FROM DEFECT IN MATERIAL OR WORKMANSHIP FOR A PERIOD OF 90 DAYS AFTER FINAL ACCEPTANCE OF WORK. TREES SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE OF WORK. THE CONTRACTOR SHALL REPLACE ANY DEFECTIVE PLANT MATERIAL OR WORKMANSHIP AT NO ADDITIONAL COST TO THE OWNER DURING THIS PERIOD.

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PRELIMINARY - NOT FOR CONSTRUCTION

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252 6115

WETLANDS EDGE PARK

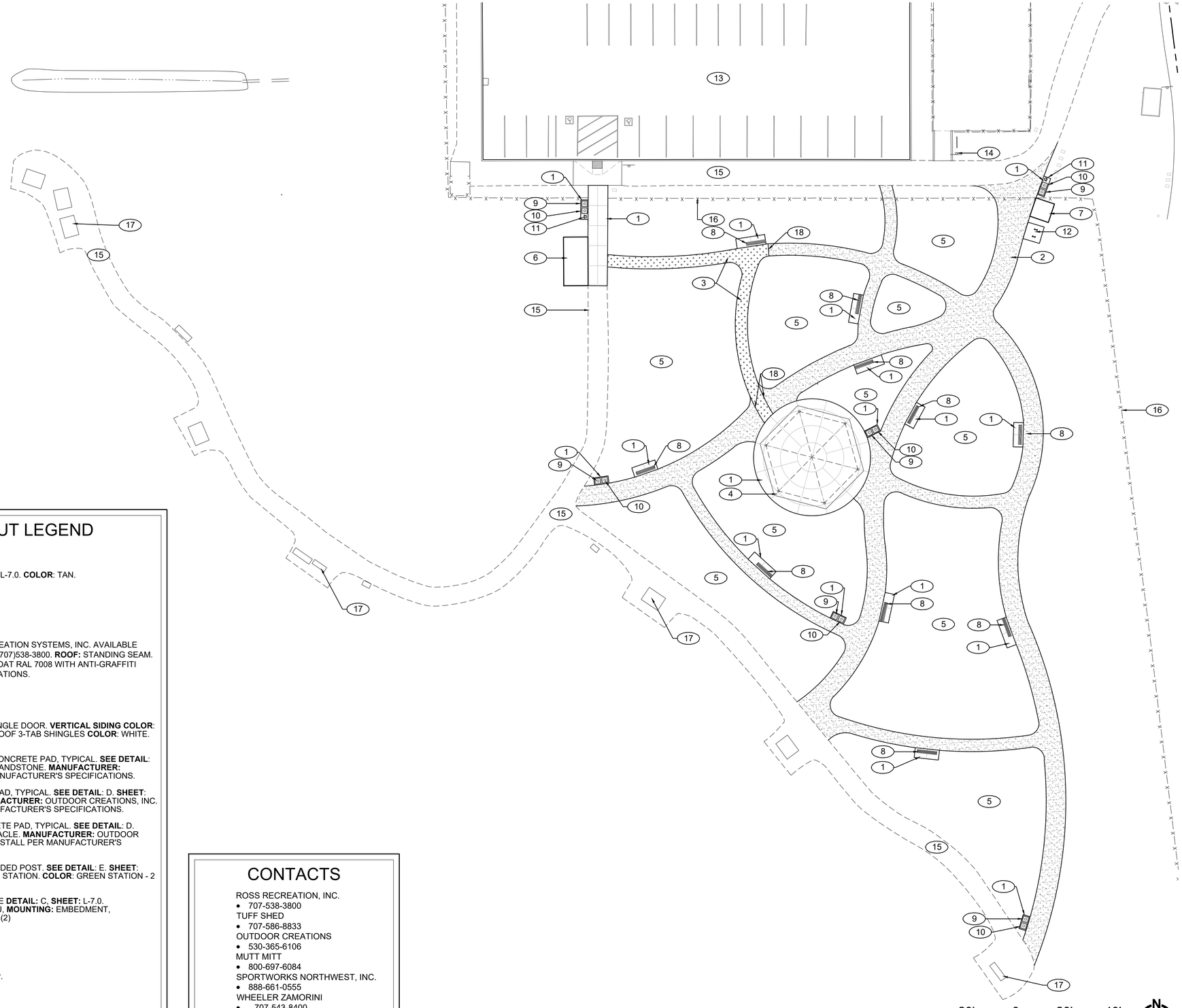
GENERAL NOTES & SPECIFICATIONS

AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Steven S. Hellman #2596
Signature 02/31/25
Renewal Date
Date
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.
L-1.0



CONSTRUCTION CALLOUT LEGEND

1. CONCRETE PAVING. SEE **DETAIL:** A. **SHEET:** L-7.0. **FINISH:** MEDIUM BROOM. **COLOR:** NATURAL GRAY.
2. DECOMPOSED GRANITE PAVING. **SEE DETAIL**: B. **SHEET**: L-7.0. **COLOR**: TAN.
3. STABILIZED DECOMPOSED GRANITE PAVING. **MANUFACTURER**: ORGANIC-LOCK **SUPPLIER**: WHEELER ZAMORINI **COLOR**: TAN INSTALL PER MANUFACTURER'S SPECIFICATIONS.
4. 44' CHARLESTON SHADE STRUCTURE BY CLASSIC RECREATION SYSTEMS, INC. AVAILABLE THROUGH ROSS RECREATION. CONTACT JON BAWDEN (707)538-3800. **ROOF:** STANDING SEAM. **ROOF COLOR:** SANDSTONE. **FRAME COLOR:** POWDER COAT RAL 7008 WITH ANTI-GRAFFITI CLEAR COAT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
5. PLANTING AREA, TYPICAL.
6. PUBLIC RESTROOM. SEE CIVIL ENGINEER'S PLANS.
7. 8'x8' GARDEN RANCH STORAGE SHED BY TUFF SHED. SINGLE DOOR. **VERTICAL SIDING COLOR**: PONYTAIL. **TRIM COLOR:** DELICATE WHITE. STANDARD ROOF 3-TAB SHINGLES **COLOR**: WHITE. PRESSURE TREATED FLOOR.
8. SURFACE MOUNT BACKLESS WOOD GRAIN BENCH ON CONCRETE PAD, TYPICAL. **SEE DETAIL**: C. **SHEET**: L-7.0. **MODEL:** #428 TIMBER SERIES. **COLOR:** SANDSTONE. **MANUFACTURER:** OUTDOOR CREATIONS. **QUANTITY:** (10). INSTALL PER MANUFACTURER'S SPECIFICATIONS.
9. SURFACE MOUNT TRASH RECEPTACLE ON CONCRETE PAD, TYPICAL. **SEE DETAIL**: D. **SHEET**: L-7.0. **MODEL:** #515 TIMBER TRASH RECEPTACLE. **MANUFACTURER:** OUTDOOR CREATIONS, INC. **COLOR**: SANDSTONE. **QUANTITY:** (7). INSTALL PER MANUFACTURER'S SPECIFICATIONS.
10. SURFACE MOUNT RECYCLING RECEPTACLE ON CONCRETE PAD, TYPICAL. **SEE DETAIL**: D. **SHEET**: L-7.0. **MODEL:** #515 TIMBER RECYCLING RECEPTACLE. **MANUFACTURER:** OUTDOOR CREATIONS, INC. **COLOR**: SANDSTONE. **QUANTITY**: (7). INSTALL PER MANUFACTURER'S SPECIFICATIONS.
11. MUTT MITT DISPENSER ON CONCRETE PAD WITH EMBEDDED POST. **SEE DETAIL**: E. **SHEET**: L-7.0. **MANUFACTURER**: MUTT MITT. **MODEL**: DOG WASTE STATION. **COLOR**: GREEN STATION - 2 PLY MUTT MITTS.
12. EMBEDDED BIKE RACK ON CONCRETE PAD, TYPICAL. SEE **DETAIL:** C, **SHEET:** L-7.0. **MODEL/PRODUCT:** WESTPORT NO SCRATCH INVERTED U, **MOUNTING:** EMBEDMENT, **SUPPLIER:** SPORTWORKS NORTHWEST, INC. **QUANTITY:** (2) INSTALL PER MANUFACTURER'S SPECIFICATIONS.
13. EXISTING ASPHALT PARKING AREA TO REMAIN.
14. EXISTING PARK SIGN TO REMAIN.
15. EXISTING DECOMPOSED GRANITE PATH TO REMAIN, TYP.
16. EXISTING FENCE TO REMAIN.
17. EXISTING SITE FURNISHINGS TO REMAIN, TYP.
18. METAL HEADER, SEE DG DETAIL.

CONTACTS

ROSS RECREATION, INC.
- 707-538-3800

TUFF SHED
- 707-586-8833

OUTDOOR CREATIONS
- 530-365-6106

MUTT MITT
- 800-697-6084

SPORTWORKS NORTHWEST, INC.
- 888-661-0555

WHEELER ZAMORINI
- 707-543-8400

- REFER TO SHEET L-1.0 FOR CONSTRUCTION NOTES & SPECIFICATIONS.
- REFER TO SHEET L-7.0 FOR CONSTRUCTION DETAILS.

20' 0 20' 40'
SCALE: 1"=20'-0"

N

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WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.6115

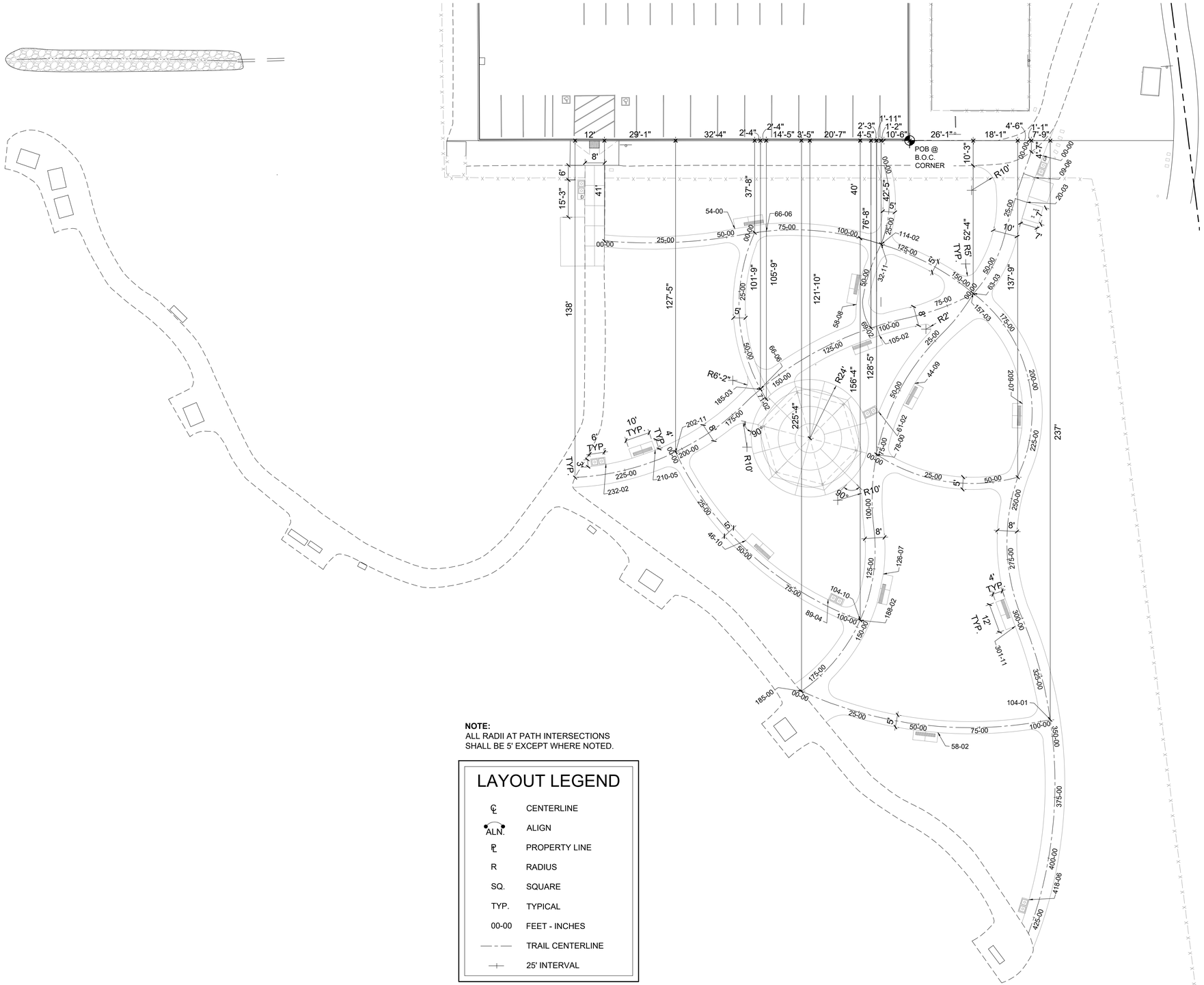
WETLANDS EDGE PARK
AMERICAN CANYON, CALIFORNIA

CONSTRUCTION CALLOUT PLAN

LICENSED LANDSCAPE ARCHITECT
Shane S. Hellen #6398
Signature
DATE
Renewal date
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.
L-2.0



- REFER TO SHEET L-1.0 FOR GENERAL NOTES & SPECIFICATIONS.
- REFER TO SHEET L-7.0 FOR CONSTRUCTION DETAILS.

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WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.6115

WETLANDS EDGE PARK

LAYOUT PLAN

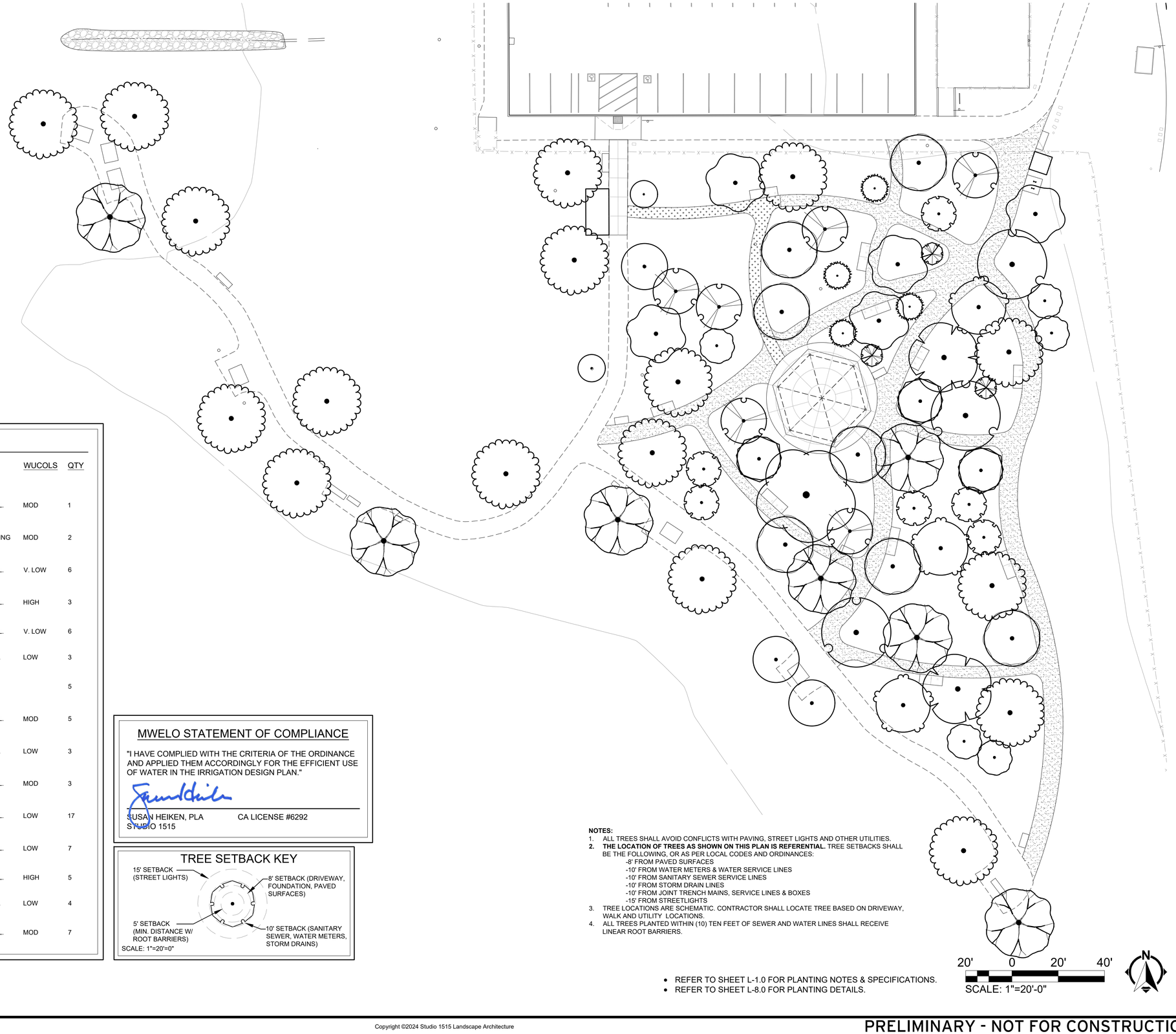
AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Shawn S. Hellam #6385
Signature
Date
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.

L-3.0



TREE LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	QTY
TREES					
	ACER MACROPHYLLUM	BIG LEAF MAPLE	15 GAL.	MOD	1
	ACER NEGUNDO	BOX ELDER	EXISTING	MOD	2
	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	15 GAL.	V. LOW	6
	ALNUS RHOMBIFOLIA	WHITE ALDER	15 GAL.	HIGH	3
	CERCIS OCCIDENTALIS	WESTERN REDBUD	15 GAL.	V. LOW	6
	CORYLUS CORNUTA CALIFORNICA	WESTERN HAZELNUT	5 GAL.	LOW	3
	EXISTING TREE TO REMAIN		---		5
	FRAXINUS LATIFOLIA	OREGON ASH	15 GAL.	MOD	5
	GARRYA ELLIPTICA	COAST SILKTASSEL	5 GAL.	LOW	3
	POPULUS FREMONTII	FREMONT COTTONWOOD	15 GAL.	MOD	3
	QUERCUS AGRIFOLIA	COAST LIVE OAK	15 GAL.	LOW	17
	QUERCUS LOBATA	VALLEY OAK	15 GAL.	LOW	7
	SALIX LASIOLEPIS	ARROYO WILLOW	15 GAL.	HIGH	5
	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY	5 GAL.	LOW	4
	UMBELLULARIA CALIFORNICA	BAY LAUREL	15 GAL.	MOD	7

MWELO STATEMENT OF COMPLIANCE

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN."

SUSAN HEIKEN, PLA — CA LICENSE #6292
STUDIO 1515

TREE SETBACK KEY

SCALE: 1"=20'-0"

NOTES:
1. ALL TREES SHALL AVOID CONFLICTS WITH PAVING, STREET LIGHTS AND OTHER UTILITIES.
2. **THE LOCATION OF TREES AS SHOWN ON THIS PLAN IS REFERENTIAL.** TREE SETBACKS SHALL BE THE FOLLOWING, OR AS PER LOCAL CODES AND ORDINANCES:
   - -8' FROM PAVED SURFACES
   - -10' FROM WATER METERS & WATER SERVICE LINES
   - -10' FROM SANITARY SEWER SERVICE LINES
   - -10' FROM STORM DRAIN LINES
   - -10' FROM JOINT TRENCH MAINS, SERVICE LINES & BOXES
   - -15' FROM STREETLIGHTS
3. TREE LOCATIONS ARE SCHEMATIC. CONTRACTOR SHALL LOCATE TREE BASED ON DRIVEWAY, WALK AND UTILITY LOCATIONS.
4. ALL TREES PLANTED WITHIN (10) TEN FEET OF SEWER AND WATER LINES SHALL RECEIVE LINEAR ROOT BARRIERS.

- REFER TO SHEET L-1.0 FOR PLANTING NOTES & SPECIFICATIONS.
- REFER TO SHEET L-8.0 FOR PLANTING DETAILS.

20' 0 20' 40'
SCALE: 1"=20'-0"

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WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APP'D

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.8115

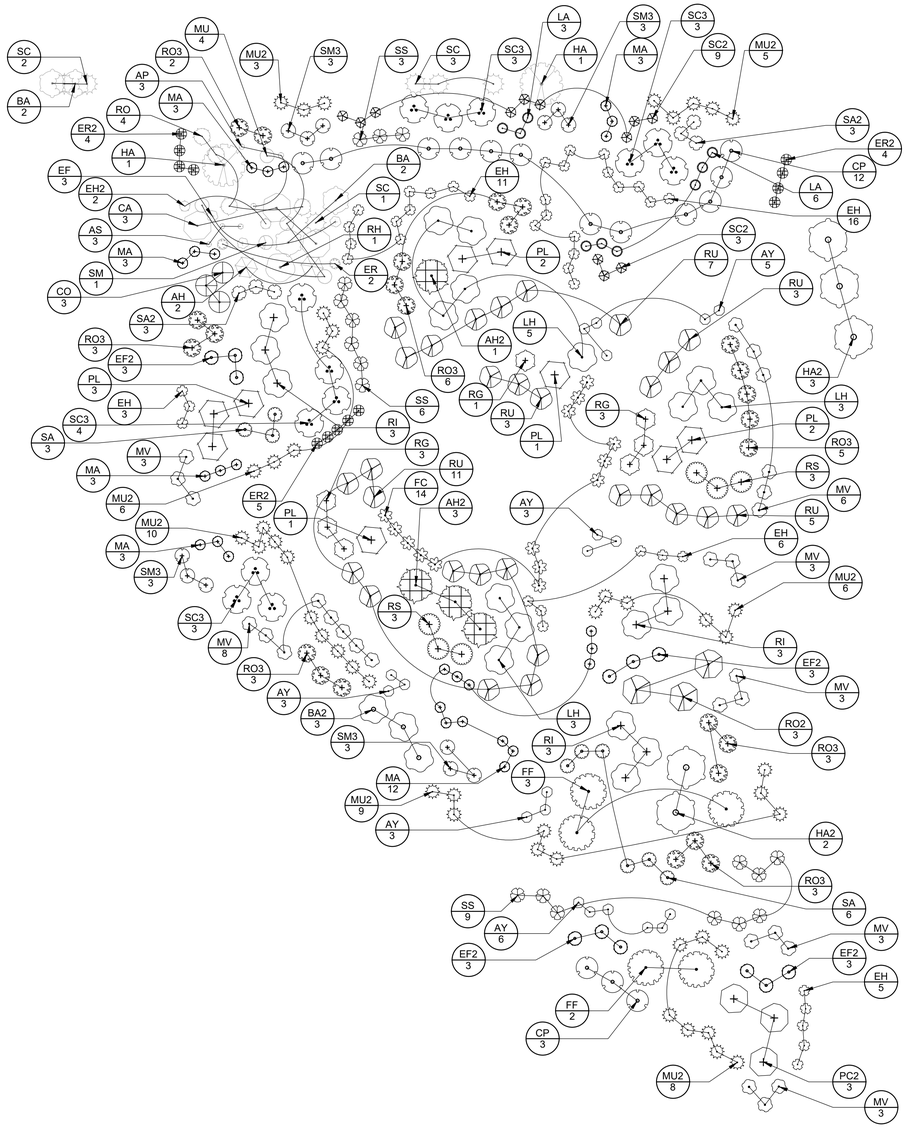
LICENSED LANDSCAPE ARCHITECT — Susan S. Heiken #6292 — Expires 08/31/26 — STATE OF CALIFORNIA

DATE	AUG 2, 2024	
DRAWN	TB	
DESIGNED	RB	
CHECKED	SH	

JOB NO. 24_007.0

SHEET NO. L-4.0

WETLANDS EDGE PARK
TREE PLAN
AMERICAN CANYON, CALIFORNIA



SHRUB LEGEND

CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	QTY
SHRUBS					
AH2	ARCTOSTAPHYLOS X 'HOWARD MCMINN'	HOWARD MCMINN MANZANITA	DEEPROOT 40	LOW	4
BA2	BACCHARIS PILULARIS	COYOTE BRUSH	DEEPROOT 40	LOW	3
CO	CALYCANTHUS OCCIDENTALIS	WESTERN SPICEBUSH	1 GAL.	MOD	3
CP	CEANOTHUS GLORIOSUS PORRECTUS	WILD LILAC	DEEPROOT 40	LOW	15
EF2	ERIOGONUM FASCICULATUM	CALIFORNIA BUCKWHEAT	DEEPROOT 40	V. LOW	12
FF	FREMONTODENDRON CALIFORNICUM	CALIFORNIA FLANNEL BUSH	DEEPROOT 40	LOW	5
HA2	HETEROMELES ARBUTIFOLIA	TOYON	DEEPROOT 40	LOW	5
LH	LONICERA HISPIDULA	CALIFORNIA HONEYSUCKLE	DEEPROOT 40	LOW	11
LA	LUPINUS ALBIFRONS	BUSH LUPINE	1 GAL.	LOW	9
MA	MIMULUS AURANTIACUS	STICKY MONKEYFLOWER	DEEPROOT 40	LOW	27
PL	PRUNUS ILICIFOLIA LYONII	CATALINA CHERRY	DEEPROOT 40	LOW	9
PC2	PRUNUS VIRGINIANA	CHOKECHERRY	DEEPROOT 40	LOW	3
RH	RHAMNUS CALIFORNICA	CALIFORNIA COFFEEBERRY	1 GAL.	LOW	1
RI	RHUS INTEGRIFOLIA	LEMONADE BERRY	DEEPROOT 40	LOW	9
RO2	RHUS OVATA	SUGAR BUSH	DEEPROOT 40	LOW	3
RG	RIBES AUREUM	GOLDEN CURRANT	DEEPROOT 40	LOW	7
RS	RIBES SANGUINEUM	RED FLOWERING CURRANT	DEEPROOT 40	LOW	6
RO3	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	DEEPROOT 40	LOW	25
RU	RUBUS URSINUS	CALIFORNIA BLACKBERRY	DEEPROOT 40	LOW	29
SA	SALVIA APIANA	WHITE SAGE	1 GAL.	LOW	9
SC3	SALVIA CLEVELANDII	CLEVELAND SAGE	DEEPROOT 40	LOW	13
SM3	SALVIA MELLIFERA	BLACK SAGE	DEEPROOT 40	V. LOW	12
SS	SALVIA SONOMENSIS	CREEPING SAGE	1 GAL.	LOW	18
SC2	SCROPHULARIA CALIFORNICA	CALIFORNIA FIGWORT	DEEPROOT 40	LOW	12
SA2	SYMPHORICARPOS ALBUS	COMMON WHITE SNOWBERRY	DEEPROOT 40	LOW	6
EXISTING TO REMAIN					
AP	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA COMMON YARROW	EXISTING	LOW	3
AS	ACHILLEA MILLEFOLIUM 'SALMON BEAUTY'	SALMON BEAUTY COMMON YARROW	EXISTING	LOW	3
AH	ARCTOSTAPHYLOS X 'HOWARD MCMINN'	HOWARD MCMINN MANZANITA	EXISTING	LOW	2
BA	BACCHARIS PILULARIS	COYOTE BRUSH	EXISTING	LOW	4
CA	CEANOTHUS SPP.	WILD LILAC	EXISTING	LOW	3
EH2	EPILOBIUM CANUM	CALIFORNIA FUCHSIA	EXISTING	LOW	2
EF	ERIOGONUM FASCICULATUM	CALIFORNIA BUCKWHEAT	EXISTING	V. LOW	3
ER	ERIOGONUM GRANDE RUBESCENS	RED BUCKWHEAT	EXISTING	LOW	2
HA	HETEROMELES ARBUTIFOLIA	TOYON	EXISTING	LOW	2
MU	MUHLENBERGIA RIGENS	DEER GRASS	EXISTING	LOW	4
RO	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	EXISTING	LOW	4
SC	SALVIA CLEVELANDII	CLEVELAND SAGE	EXISTING	LOW	6
SM	SALVIA MELLIFERA	BLACK SAGE	EXISTING	V. LOW	1
GRASSES					
MU2	MUHLENBERGIA RIGENS	DEER GRASS	DEEPROOT 16	LOW	47
PERENNIALS					
AY	ACHILLEA MILLEFOLIUM CALIFORNICA	CALIFORNIA COMMON YARROW	4"	LOW	20
EH	EPILOBIUM CANUM	CALIFORNIA FUCHSIA	DEEPROOT 16	LOW	41
ER2	ERIOGONUM GRANDE RUBESCENS	RED BUCKWHEAT	DEEPROOT 40	LOW	13
FC	FRAGARIA CHILOENSIS	BEACH STRAWBERRY	1 GAL.	MOD	14
MV	MONARDELLA VILLOSA	COYOTE MINT	4"	LOW	29

PLANTING CALLOUT KEY

PLANT ABBREVIATION

GN 12

NUMBER OF PLANTS

NOTE:
PLANT CAN SIZE PER PLANT LEGEND

MWELO STATEMENT OF COMPLIANCE

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN."

Missing or invalid reference
File: \\RSA-DC-3\RSA\Landscape\2024\24_007.0_City_of_Am_Can_Wetlands_Edge_Enhancement\DESIGN\Susan Signature.pdf

SUSAN HEIMEN, PLA CA LICENSE #6292
STUDIO 1515

Sheet 17

- REFER TO SHEET L-1.0 FOR PLANTING NOTES & SPECIFICATIONS.
- REFER TO SHEET L-8.0 FOR PLANTING DETAILS.

0' 20' 40'
SCALE: 1"=20'-0"

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PRELIMINARY - NOT FOR CONSTRUCTION

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APP'D

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.8115

LICENSED LANDSCAPE ARCHITECT
Susan S. Heiman #6292
Signature
02/21/25
Renewal Date
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.
L-5.0

WETLANDS EDGE PARK
SHRUB PLAN
AMERICAN CANYON, CALIFORNIA

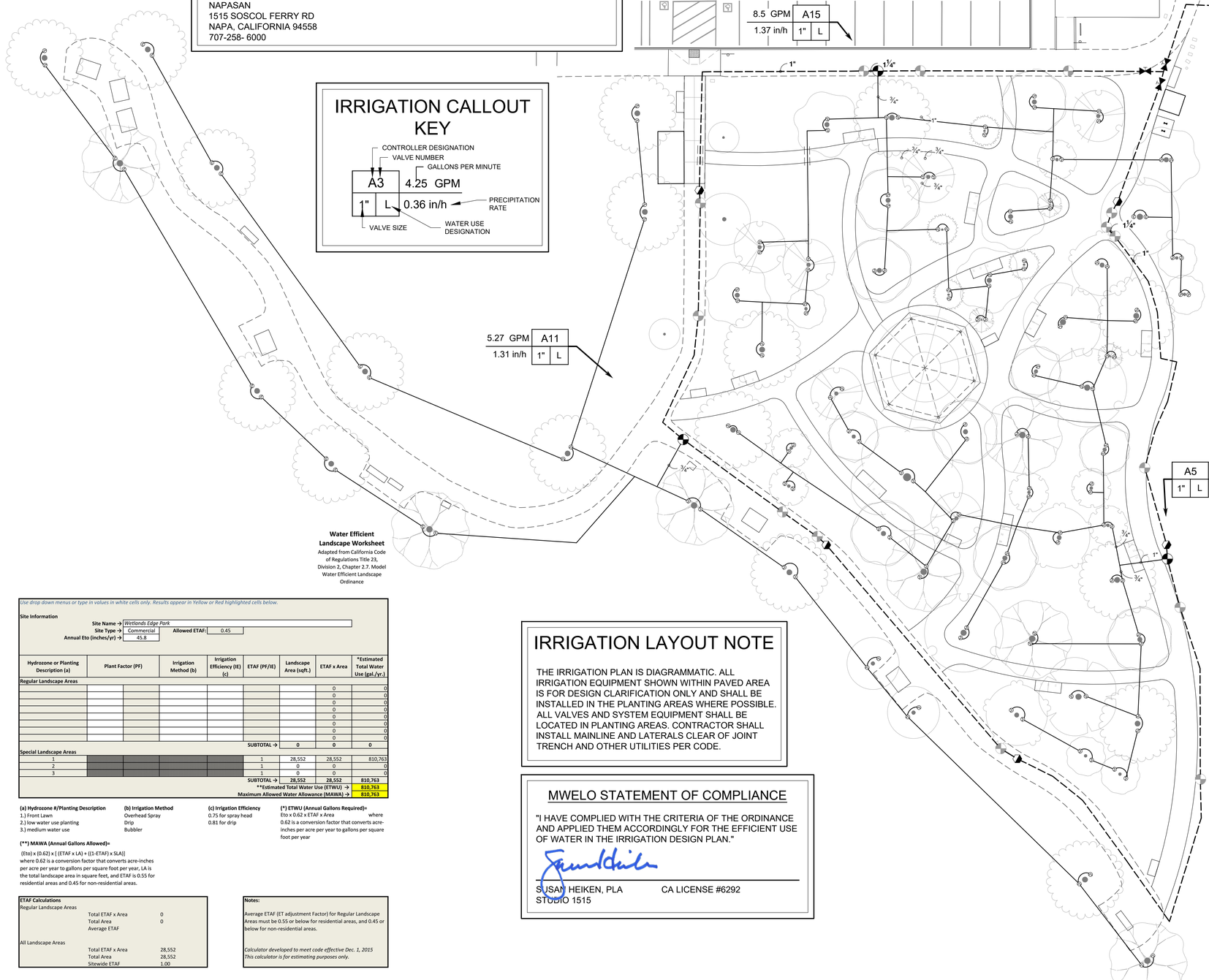
IRRIGATION POINT OF CONNECTION (POC) 'A'

IRRIGATION POINT OF CONNECTIONS:
EXISTING 2" SERVICE LINE AND 2" WATER METER FOR RECYCLED WATER SYSTEM. REFER TO CIVIL ENGINEER'S PLANS AND/OR JOINT UTILITY PLANS FOR COORDINATION OF SIZES AND LOCATIONS.

IRRIGATION DESIGN BASED ON THE ASSUMPTION OF A MINIMUM STATIC WATER PRESSURE OF 95 P.S.I. AT THE POINT OF CONNECTION AND A MAXIMUM FLOW RATE OF 32 GPM. CONTRACTOR TO VERIFY AND CONTACT LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

WATER PURVEYOR:
NAPASAN
1515 SOSCOL FERRY RD
NAPA, CALIFORNIA 94558
707-258- 6000

IRRIGATION CALLOUT KEY



ELECTRICAL POINT OF CONNECTION (POC) 'A'

ELECTRICAL POINT OF CONNECTIONS:
120 VOLT POWER FOR IRRIGATION CONTROLLERS.

VERIFY THE ACCURACY OF ALL INFORMATION IN THE FIELD PRIOR TO BEGINNING ANY WORK. NOTIFY OWNER AND LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
ZH	RAIN BIRD 1806-SAM-PRS SQ SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.
T	HUNTER MP CORNER MP-STAKE-PRS40-CV SHRUB ROTATOR. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.
M L O	HUNTER MP1000 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC ON PRS40 BODY.
K G R	HUNTER MP2000 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY.
B Y A	HUNTER MP3000 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC ON PRS40 BODY.
B	HUNTER MP3500 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. LB=LIGHT BROWN, ADJUSTABLE ARC, 90-210, ON PRS40 BODY.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	WEATHERMATIC MAX-DW-XPR-NP PLASTIC REMOTE CONTROL VALVE WITH PRESSURE REGULATOR, 1IN., 1-1/2IN., 2IN. SIZE AS NOTED, WITH NON-POTABLE PURPLE HANDLE.
	RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, WITH SWING ASSEMBLY OF RAIN BIRD TSJ-12. LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY.
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH PURPLE WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"
MV	WEATHERMATIC 8200CR-XS24NP 1-1/2" BRASS REMOTE CONTROL VALVE WITH NON-POTABLE ALERT SOLENOID, 1IN.-3IN. SIZE AS NOTED.
BF	EXISTING BACKFLOW PREVENTER 2" EXISTING REDUCED PRESSURE BACKFLOW PREVENTER
CC	RAIN MASTER DXI-PSBTW LAGUNA DXI AC DECODER CONTROLLER, TYPE 2 STAINLESS-STEEL SECURITY PEDESTAL MOUNT, 200 STATIONS, ETHERNET READY, FLOW SENSOR READY, COMPATIBLE WITH PRO MAX CONNECT APP.
FS	WEATHERMATIC SLFSI-T15-MAX 1" 1-1/2IN. FLANGED FLOW ASSEMBLY WITH MAX-DW-15 MASTER VALVE AND SLFSI-T15 FLOW SENSOR
POC	POINT OF CONNECTION 2" TIE INTO EXISTING RECYCLED WATER IRRIGATION SYSTEM.
	IRRIGATION LATERAL LINE: PURPLE PVC CLASS 200 SDR 21-NP
	IRRIGATION LATERAL LINE: PURPLE PVC CLASS 200 SDR 21-NP
	IRRIGATION MAINLINE: PURPLE PVC SCHEDULE 40 - NP
	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVE & WIRE CONDUIT - PIPE SLEEVING IS 2X DIAMETER OF PIPE.

IRRIGATION LAYOUT NOTE

THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT SHOWN WITHIN PAVED AREA IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN THE PLANTING AREAS WHERE POSSIBLE. ALL VALVES AND SYSTEM EQUIPMENT SHALL BE LOCATED IN PLANTING AREAS. CONTRACTOR SHALL INSTALL MAINLINE AND LATERALS CLEAR OF JOINT TRENCH AND OTHER UTILITIES PER CODE.

MWELO STATEMENT OF COMPLIANCE

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN."

SUSAN HEIKEN, PLA CA LICENSE #6292
STUDIO 1515

Water Efficient Landscape Worksheet

Adapted from California Code of Regulations Title 23, Division 2, Chapter 2.7. Model Water Efficient Landscape Ordinance

Use drop down menus or type in values in white cells only. Results appear in Yellow or Red highlighted cells below.

Site Information

Site Name → Wetlands Edge Park
Site Type → Commercial
Annual Eto (inches/yr) → 45.8
Allowed ETAF: 0.45

Hydrozone or Planting Description (a)	Plant Factor (PF)	Irrigation Method (b)	Irrigation Efficiency (IE) (c)	ETAF (PF/IE)	Landscape Area (sqft.)	ETAF x Area	*Estimated Total Water Use (gal./yr.)
Regular Landscape Areas							
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
				SUBTOTAL →	0	0	0
Special Landscape Areas							
1				1	28,552	28,552	810,763
2				1	0	0	0
3				1	0	0	0
				SUBTOTAL →	28,552	28,552	810,763
				**Estimated Total Water Use (ETWU) →			810,763
				Maximum Allowed Water Allowance (MAWA) →			810,763

(a) Hydrozone #/Planting Description
1.) Front Lawn
2.) low water use planting
3.) medium water use

(b) Irrigation Method
Overhead Spray
Drip
Bubbler

(c) Irrigation Efficiency
0.75 for spray head
0.81 for drip

(*) ETWU (Annual Gallons Required)=
Eto x 0.62 x ETAF x Area where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year

(**) MAWA (Annual Gallons Allowed)=
(Eto) x (0.62) x [(ETAF x LA) + ((1-ETAF) x SLA)]
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, and ETAF is 0.55 for residential areas and 0.45 for non-residential areas.

ETAF Calculations

Regular Landscape Areas
Total ETAF x Area 0
Total Area 0
Average ETAF

All Landscape Areas
Total ETAF x Area 28,552
Total Area 28,552
Sitewide ETAF 1.00

Notes:
Average ETAF (ET adjustment Factor) for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

Calculator developed to meet code effective Dec. 1, 2015
This calculator is for estimating purposes only.

20' 0 20' 40'
SCALE: 1"=20'-0"

- REFER TO SHEET L-1.0 FOR IRRIGATION NOTES & SPECIFICATIONS.
- REFER TO SHEET L-9.0 FOR IRRIGATION DETAILS.

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PRELIMINARY - NOT FOR CONSTRUCTION

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.6115

LICENSED LANDSCAPE ARCHITECT — Susan S. Heiken #6292 — Signature 10/31/24 Renewal Date — STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.
L-6.0

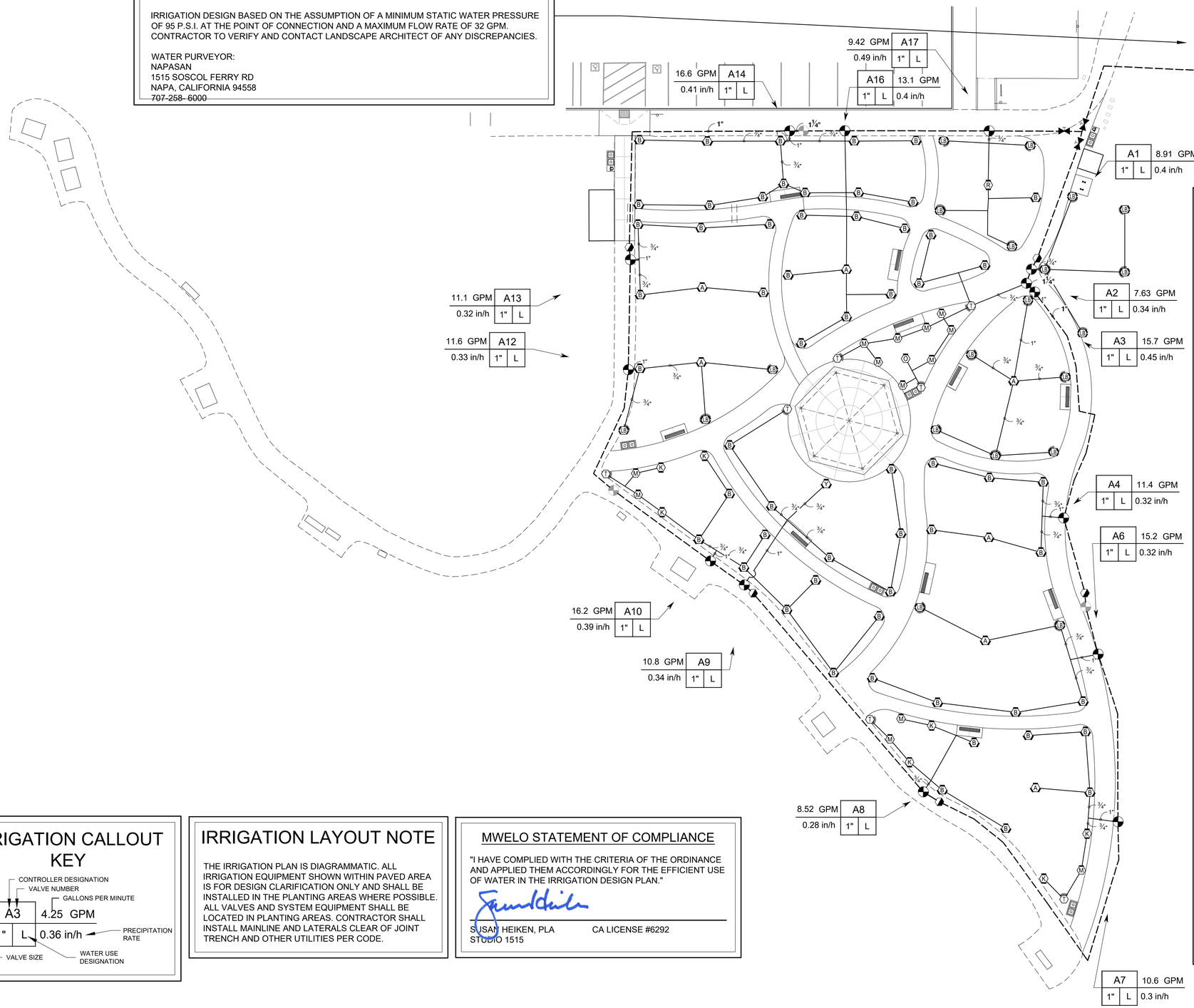
WETLANDS EDGE PARK
AMERICAN CANYON, CALIFORNIA
TREE IRRIGATION PLAN

IRRIGATION POINT OF CONNECTION (POC) 'A'

IRRIGATION POINT OF CONNECTIONS:
EXISTING 2" SERVICE LINE AND 2" WATER METER FOR RECYCLED WATER SYSTEM. REFER TO CIVIL ENGINEER'S PLANS AND/OR JOINT UTILITY PLANS FOR COORDINATION OF SIZES AND LOCATIONS.

IRRIGATION DESIGN BASED ON THE ASSUMPTION OF A MINIMUM STATIC WATER PRESSURE OF 95 P.S.I. AT THE POINT OF CONNECTION AND A MAXIMUM FLOW RATE OF 32 GPM. CONTRACTOR TO VERIFY AND CONTACT LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

WATER PURVEYOR:
NAPASAN
1515 SOSCOL FERRY RD
NAPA, CALIFORNIA 94558
707-258- 6000



ELECTRICAL POINT OF CONNECTION (POC) 'A'

EXISTING ELECTRICAL POINT OF CONNECTIONS:120 VOLT POWER FOR IRRIGATION CONTROLLERS.

VERIFY THE ACCURACY OF ALL INFORMATION IN THE FIELD PRIOR TO BEGINNING ANY WORK. NOTIFY OWNER AND LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
2H	RAIN BIRD 1806-SAM-PRS SQ SERIES SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.
T	HUNTER MP CORNER MP-STAKE-PRS40-CV SHRUB ROTATOR, POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.
M L O	HUNTER MP1000 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC ON PRS40 BODY.
K G R	HUNTER MP2000 MP-STAKE-PRS40-CV SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY.
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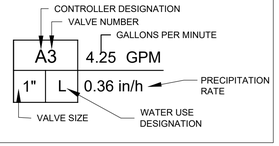
	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVE & WIRE CONDUIT - PIPE SLEEVING IS 2X DIAMETER OF PIPE.

IRRIGATION CALLOUT KEY



IRRIGATION LAYOUT NOTE

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SUSAN HEIKEN, PLA — CA LICENSE #6292
STUDIO 1515

- REFER TO SHEET L-1.0 FOR IRRIGATION NOTES & SPECIFICATIONS.
- REFER TO SHEET L-9.0 FOR IRRIGATION DETAILS.

20' 0 20' 40'
SCALE: 1"=20'-0"

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PRELIMINARY - NOT FOR CONSTRUCTION

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

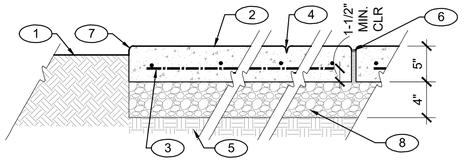
NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252 8115

WETLANDS EDGE PARK
SHRUB IRRIGATION PLAN
AMERICAN CANYON, CALIFORNIA

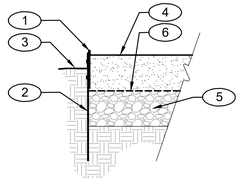
LICENSED LANDSCAPE ARCHITECT — Susan S. Heiken #6292 — Signature 08/01/24 Renewal Date — STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0
SHEET NO.	L-6.1



1. FINISH GRADE - 1" BELOW TOP OF PAVING AT TURF AREAS AND 2" BELOW TOP OF PAVING AT SHRUB AREAS.
2. CONCRETE SLAB: MEDIUM BROOM FINISH.
3. #3 REBAR @ 18" O.C. BOTH WAYS.
4. 1/4" WIDE CONTROL JOINT, 1/3 DEPTH OF SLAB. SEE PLANS FOR LOCATION.
5. SUBGRADE MOISTURE CONDITIONED AND COMPACTED PER GEOTECHNICAL RECOMMENDATIONS.
6. 3/8" IMPREGNATED ASPHALTIC FIBER EXPANSION JOINT (20' O.C. MAX) AND WHERE PAVING MEETS EXISTING PAVING, BLDG SLABS, STRUCTURES, TYP.
7. 1/2" TOOLED RADIUS.
8. CLASS II AGGREGATE BASE MOISTURE CONDITIONED AND COMPACTED TO 95% RELATIVE COMPACTION. SHALL BE FIRM AND UNYIELDING WHEN PROOF ROLLED.

A CONCRETE PAVING
SCALE: 1-1/2"=1'-0"

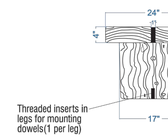


1. SHURLOCK STEEL LANDSCAPE EDGING, 1/2" THICK x 4" HIGH WHERE ADJACENT TO LANDSCAPE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
2. 12" STEEL STAKE.
3. FINISH GRADE - 2" BELOW TOP OF PAVING AT SHRUB/GROUNDCOVER AREA, 1" BELOW TOP OF PAVING AT TURF AREA.
4. DECOMPOSED GRANITE. 4" THICK COMPACTED IN TWO SEPARATE LIFTS.
5. 4" THICK CLASS II AGGREGATE BASE. MOISTURE CONDITION AND COMPACT TO 95% RELATIVE COMPACTION.
6. FILTER FABRIC.

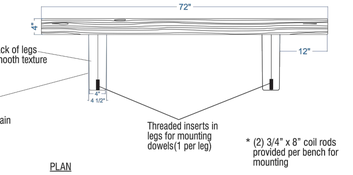
B DECOMPOSED GRANITE
SCALE: 1-1/2"=1'-0"

MODEL# 428 - FLAT WOODGRAIN BENCH, 72" x 24" x 18"	OUTDOOR CREATIONS, INC.	SCALE: 1" = 18"
	CUSTOMER APPROVAL x_____	DRAWN BY: MNC

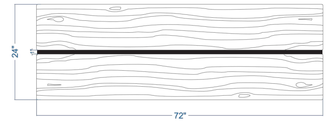
SECTION



ELEVATION



PLAN



NOTES:
1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.
2. Final product shall be reinforced with #4 and #5 rebar grid.
3. Product is cast in 1-piece with no assembly required.
4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.
5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.
6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.
7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

INSTALLATION REQUIREMENTS::
1. Bench requires epoxy applied to cover bottom of entire leg.
2. Epoxy adhesive should be checked periodically to ensure continued adhesion.
3. Bench must also be mechanically attached.

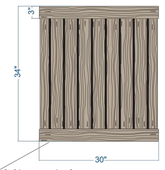
WEIGHT: 750 LBS
TEXTURE: Woodgrain
COLOR:
SEALER:

OUTDOOR CREATIONS INC.
2270 Barney Street
Anderson, CA 96007
(530) 365-6106
FAX (530) 365-5129

C SURFACE MOUNT BENCH

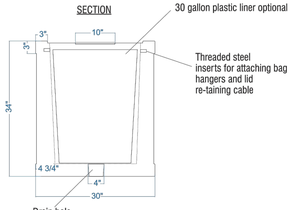
MODEL# 515 - CONCRETE SQUARE WOODGRAIN TRASH RECEPTACLE	OUTDOOR CREATIONS, INC.	SCALE: 1" = 18"
	CUSTOMER APPROVAL x	DRAWN BY: MNC

ELEVATION



Recommended to secure trash receptacle to concrete slab with construction epoxy.

SECTION

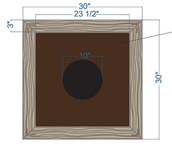


30 gallon plastic liner optional

Threaded steel inserts for attaching bag hangers and lid re-taining cable

Drain hole

PLAN



Lid made from 14 gauge steel powder coated bronze with 10" trash opening. Attached to casting with 1/8" x 24" stainless steel aircraft security cable.

NOTES:
1. Concrete mix design to include a mixture of Portland Cement, water, coarse and fine aggregates, pure mineral oxide coloring agents (when applicable) to yield a minimum compressive strength of 5000 psi.
2. Final product shall be reinforced with #4 and #5 rebar grid.
3. Product is cast in 1-piece with no assembly required.
4. Hairline cracks may develop over time. These are not structural failures, but inherent characteristics of the material itself.
5. Air pockets are a common occurrence in precast products. The frequency and size of air pockets are variable and to be expected, especially on vertical surfaces.
6. Concrete corners and edges will chip if not handled according to guidelines. Patch kits are available but may or may not blend and can be variable.
7. There is a level of care and maintenance associated with your product and is the responsibility of the end user. Choosing the right sealer can help minimize those costs.

WEIGHT: 1275 LBS
TEXTURE: Woodgrain
COLOR:
SEALER:

OUTDOOR CREATIONS INC.
2270 Barney Street
Anderson, CA 96007
(530) 365-6106
FAX (530) 365-5129

D WASTE & RECYCLING RECEPTACLE

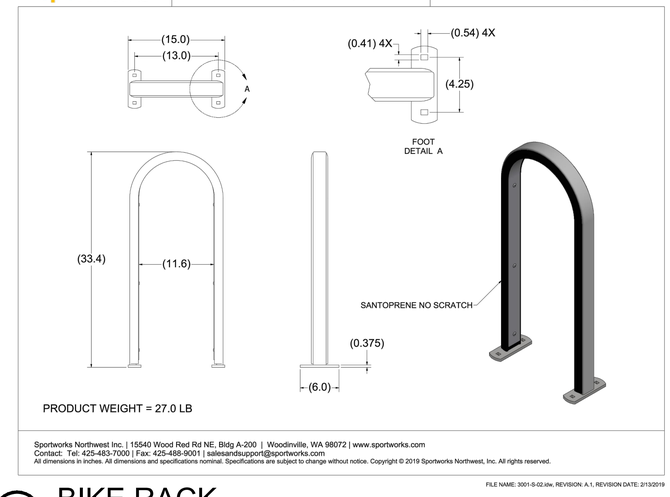
Includes Everything:
Bag Dispenser -*with 2 keys*
Telescoping Post -*strong*
Waste Can - 12-gallon,*with lid & liner clamps*
Sign -*high visibility*
400 Mutt Mitts & 25 Can Liners
Hardware & Installation Instructions

Choose Color: Dark Green or White/Black
Choose Bag Type: 2-Ply or Single Ply

Material: Rustproof Aluminum, maintenance-free
Header Spacing: 2 Prongs, 5" apart, fits all header bags
Installed Dimensions: 72"h x 13"w x 15"d
10-Year Warranty

E MUTT MITT DISPENSER

sportworks | Westport No Scratch™, Surface Mount Bike Rack | Technical Drawing



PRODUCT WEIGHT = 27.0 LB

Sportworks Northwest Inc. | 15540 Wood Red Rd NE, Bldg A-200 | Woodinville, WA 98072 | www.sportworks.com
Contact: Tel: 425-483-7000 | Fax: 425-488-9001 | salesandsupport@sportworks.com
All dimensions in inches. All dimensions and specifications nominal. Specifications are subject to change without notice. Copyright © 2019 Sportworks Northwest, Inc. All rights reserved.

FILE NAME: 3001-S-02.idw, REVISION: A.1, REVISION DATE: 2/13/2019

F BIKE RACK
SCALE: NTS

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.8115

WETLANDS EDGE PARK
CONSTRUCTION DETAILS
AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Shane S. Nelsen #6295
Renewal 2026
STATE OF CALIFORNIA

DATE	AUG 2, 2024	
DRAWN	TB	
DESIGNED	RB	
CHECKED	SH	

JOB NO. 24_007.0

SHEET NO.
L-7.0

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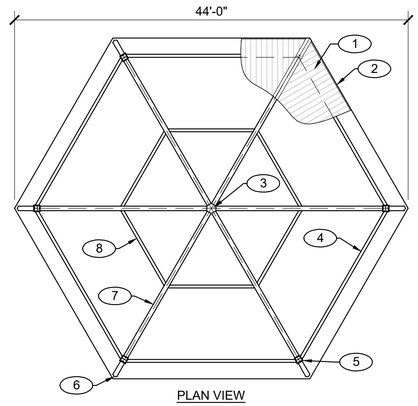
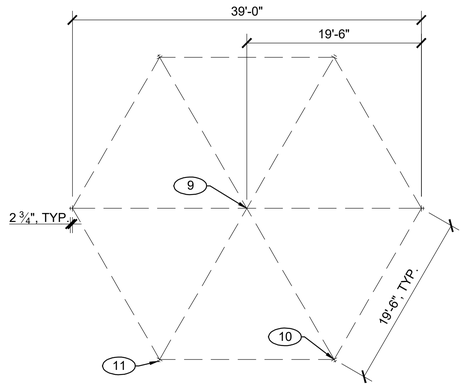
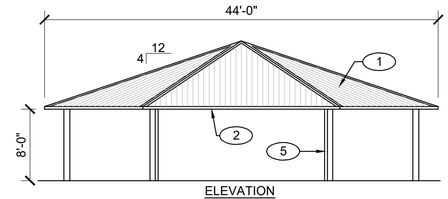
PRELIMINARY - NOT FOR CONSTRUCTION



PLAN VIEW



LAYOUT PLAN

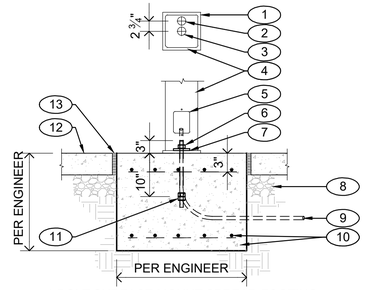


ELEVATION

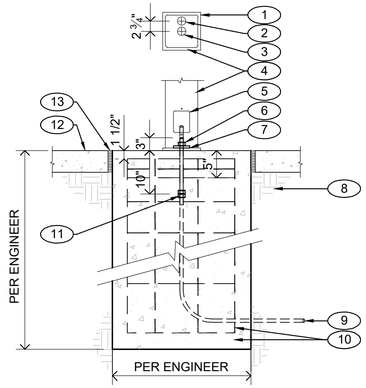
1. 24 GAUGE HR-36 STEEL ROOF.
2. 24 GAUGE FASCIA TRIM.
3. COMPRESSION RING.
4. PERIMETER BEAM.
5. 8"X8" COLUMN.
6. EXTENSION BEAM.
7. MAIN BEAM.
8. MID BEAM.
9. CENTER OF STRUCTURE.
10. CENTER OF FOOTING A- BOLT AND COLUMN.
11. CENTER OF ELECTRICAL CONDUIT IF REQUIRED.

A PREFABRICATED SHADE STRUCTURE

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



1-BOLT SURFACE MOUNT SPREAD FOOTING
NOT TO SCALE



1-BOLT SURFACE MOUNT SPREAD FOOTING
NOT TO SCALE

1. BASE PLATE.
2. ELECTRICAL CONDUIT IF REQUIRED.
3. A-BOLT HOLE.
4. 8"X8" COLUMN.
5. HANDHOLE WITH COVER.
6. HEX NUT BY CONTRACTOR.
7. WASHER AND BASE-PLATE.
8. OPTIONAL BASE ROCK OR COMPACTED SUBGRADE.
9. STUB ELECTRICAL CONDUIT PER LOCAL CODE.
10. CONCRETE FOOTING AND REBAR PER STRUCTURAL ENGINEER.
11. ALL THREAD BOLT AND HEX NUTS PER STRUCTURAL ENGINEER.
12. CONCRETE SLAB.
13. EXPANSION JOINT MATERIAL.

CRS, INC.

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.6115

WETLANDS EDGE PARK

CONSTRUCTION DETAILS

AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Shawn S. Heiken #6236
Renewal 08/31/25
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0
SHEET NO.	L-7.1

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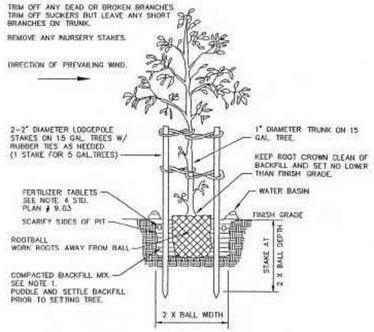


SPECIAL STREET TREE REQUIREMENTS:

1. 15 GALLON CONTAINER STOCK
2. 7 FOOT MINIMUM HEIGHT
3. PLANT 5 FEET FROM BACK OF SIDEWALK OR 9 FEET FROM BACK OF CURB WHERE THERE IS NO SIDEWALK.
4. PLANT WITHIN INDIVIDUAL LOT 5 FEET FROM PROPERTY LINE WHERE POSSIBLE.
5. SPECIMEN TO BE SELECTED FROM APPROVED CITY LIST ONLY.
6. SOME SPECIMENS MAY REQUIRE ROOT BARRIER AND VERTICAL DRAIN.
7. LOCATION AND PLANTING ARE SUBJECT TO CITY ENGINEER INSPECTION.

NOTES:

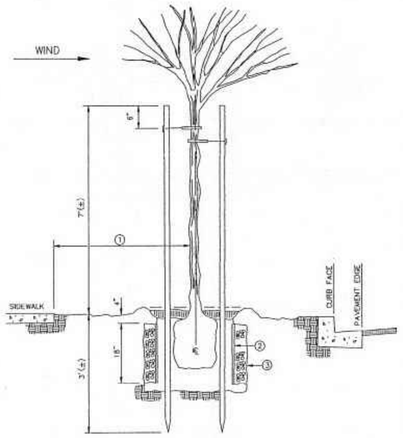
1. BACKFILL MATERIAL: MIX EXISTING SOIL WITH 1/3 NITRATED REDWOOD SOIL CONDITIONER.
2. DO NOT PLANT WITHIN 6' OF ANY UNDERGROUND UTILITY.

CITY OF AMERICAN CANYON

PLANTING DETAILS

DATE 5/1/95 | SCALE NONE | STANDARD DWG. # 9.02

DATE | REVISIONS | MARK CLARKSON, P.E., DIRECTOR OF PUBLIC WORKS



NOTES:

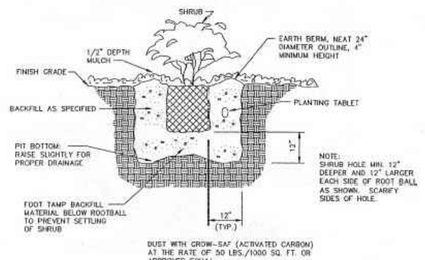
1. TREES SHALL BE LOCATED SO THEY ARE 2'-0" (MIN.) CLEAR OF ALL PEDESTRIAN PATHWAYS AND ROD PAVEMENT OR GROUND COVER (I.E., CONC. SIDEWALKS, BRICK PAVERS SET IN MORTAR ETC.)
2. PLASTIC OR FIBERGLASS ROOT CONTROL BARRIER MUST BE INSTALLED IF TREE IS TO BE PLANTED WITHIN 5' OF CURB, SIDEWALK OR OTHER RIGID PAVEMENT. ROOT CONTROL BARRIER SHALL BE "DEEP ROOT" MODEL 22-49-18, "CENTURY ROOT CONTROLLER" MODEL RC 24 X 70 OR ANY SIMILAR COMMERCIALLY AVAILABLE PRODUCT SPECIFICALLY INTENDED FOR TREE ROOT CONTROL BY THE MANUFACTURER.
3. 3/4" – 1" RIVER ROCK MUST BE PLACED ALONG OUTSIDE OF ROOT BARRIER

CITY OF AMERICAN CANYON

TREE ROOT CONTROL

DATE 5/1/95 | SCALE NONE | STANDARD DWG. # 9.01

DATE | REVISIONS | MARK CLARKSON, P.E., DIRECTOR OF PUBLIC WORKS



DUST WITH GROW-SAF (ACTIVATED CARBON) AT THE RATE OF 50 LBS./1000 SQ. FT. OR APPROVED EQUAL.

PROVIDE CITY WITH PLANTING MIXTURE SPECIFICATIONS

CITY OF AMERICAN CANYON

SHRUB PLANTING DETAILS

DATE 5/1/95 | SCALE NONE | STANDARD DWG. # 9.05

DATE | REVISIONS | MARK CLARKSON, P.E., DIRECTOR OF PUBLIC WORKS

WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252.6115

WETLANDS EDGE PARK

PLANTING DETAILS

AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT
Susan C. Heilan #6295
Signature
Date
STATE OF CALIFORNIA

DATE	AUG 2, 2024
DRAWN	TB
DESIGNED	RB
CHECKED	SH
JOB NO.	24_007.0

SHEET NO.

L-8.0

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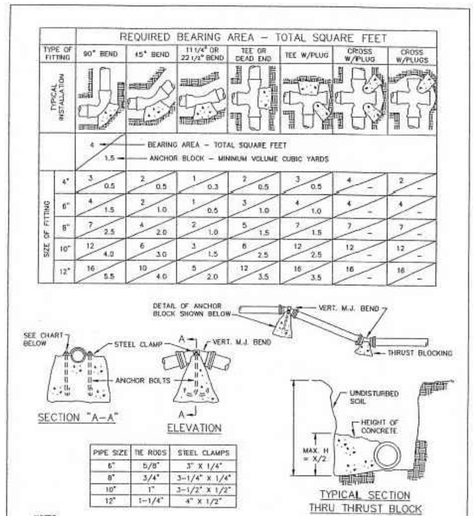
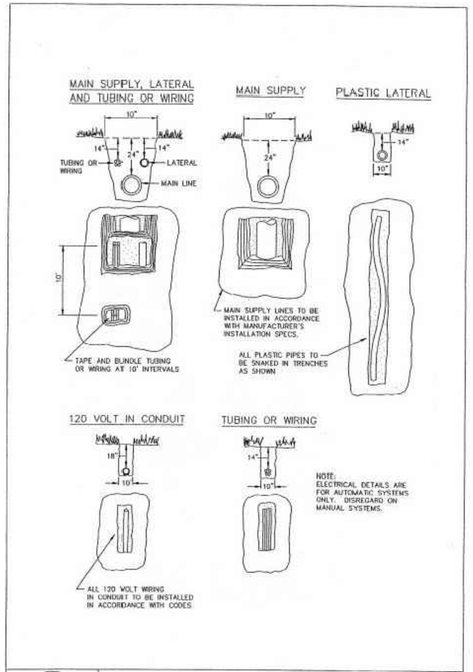
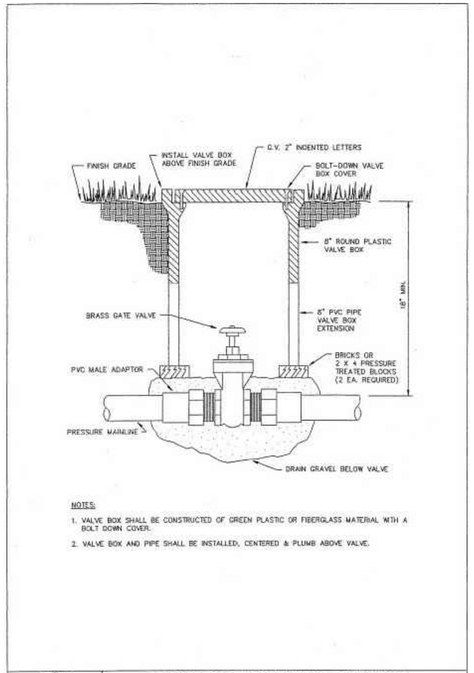
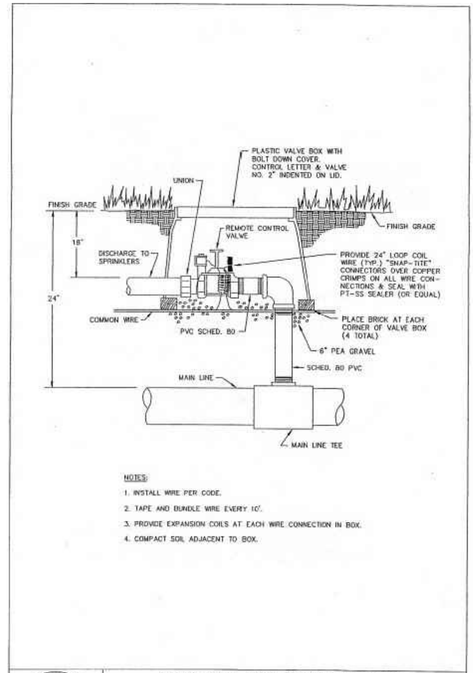
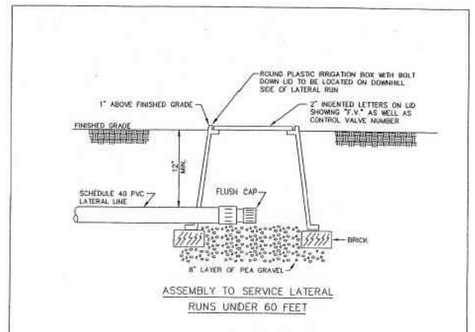
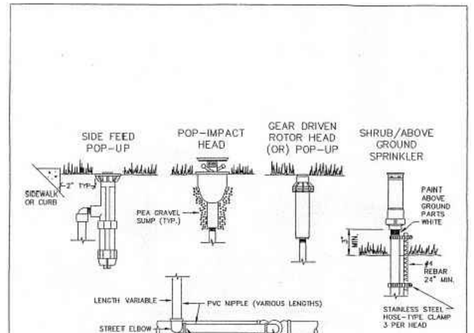


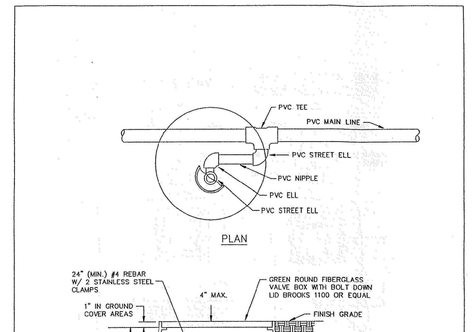




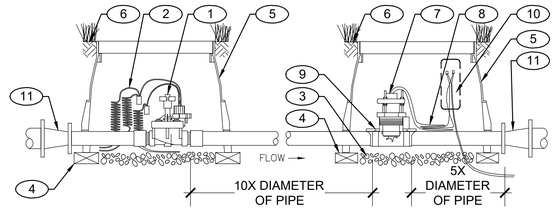








1. NORMALLY OPEN MASTER VALVE(S)
2. 36-INCH LENGTH OF COILED WIRE TO SATELLITE CONTROLLER SPARE STATION
3. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
4. BRICK
5. VALVE BOX WITH COVER - 12-INCH SIZE
6. FINISH GRADE
7. RAIN BIRD FS SERIES 350 FLOW SENSOR(S)
8. 36-INCH LENGTH OF COILED PE-CABLE TO FLOW SENSING EQUIPMENT AT CCU/SATELLITE CONTROLLER ASSEMBLY
9. DOUBLE-STRAP SADDLE
10. SEE SITECONTROL DETAIL 612 FOR SPLICE. SEE FLOW SENSOR DETAIL FOR WIRING DIAGRAM.
11. CONCENTRIC REDUCER



FLOW SENSOR AND MASTER VALVE
SCALE: NTS

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WETLANDS EDGE PARK

CITY OF AMERICAN CANYON

NO.	DATE	REVISIONS	BY	APPD

STUDIO 1515
LANDSCAPE ARCHITECTURE
1426 FOURTH STREET NAPA, CA 94559
(707) 252 6115

WETLANDS EDGE PARK

IRRIGATION DETAILS

AMERICAN CANYON, CALIFORNIA

LICENSED LANDSCAPE ARCHITECT — Shane S. Nelken #6295 — Expires 02/31/26 — STATE OF CALIFORNIA

DATE	AUG 2, 2024	
DRAWN	TB	
DESIGNED	RB	
CHECKED	SH	

JOB NO. 24_007.0

SHEET NO.
L-9.0