

Placerville Drive Bicycle and Pedestrian Facilities and Bridge Project

Placerville, El Dorado County, California

Draft Stormwater Management Plan



Prepared for:



October 2025

Prepared by:



Placerville Drive Bicycle and Pedestrian Facilities and Bridge
Project
Placerville, El Dorado County, California

Draft Stormwater Management Plan

Submitted to:
City of Placerville

This report has been prepared by or under the supervision of the following Registered Engineer. The Registered Civil Engineer attests to the technical information contained herein and has judged the qualifications of any technical specialists providing engineering data upon which recommendations, conclusions, and decisions are based.

Chris Sewell, P.E.
Registered Civil Engineer

Date

October 2025

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EXECUTIVE SUMMARY

The City of Placerville (City) proposes to improve and increase bicycle and pedestrian interconnectivity within the city of Placerville along Placerville Drive and Green Valley Road. The proposed Placerville Drive Bicycle and Pedestrian Facilities Project (Project) is located along Placerville Drive approximately 0.5 miles north of United States Highway 50 (US 50), within the western portion of the city of Placerville (Figure 1). The improvements would consist of constructing up to approximately 12,000 linear feet of sidewalks and 12,000 linear feet of Class II or Class IV bicycle facilities along Placerville Drive. The proposed Project would also construct up to approximately 2,000 linear feet of sidewalks and Class II bicycle facilities along Green Valley Road, between Placerville Drive and Mallard Lane. Additionally, improvements may be made to multiple El Dorado Transit bus stops within the Project limits. The Bridge Project would remove the existing functionally obsolete concrete bridge for Placerville Drive over Hangtown Creek and replace it with a new concrete bridge designed to current structural and geometric standards that would provide adequate, reliable, and safe service for traffic. The new bridge would be designed to improve safety for vehicular, pedestrian, and bicycle traffic along Placerville Drive at the project site.

The purpose of this *Draft Stormwater Control Plan* is to fulfill the City's requirements under the Phase II Small Municipal Separate Storm Sewer Systems (MS4) General Permit (Order No. 2013-0001-DWQ), and to summarize the proposed Project impacts, the physical setting within the Project limits, the regulatory laws which apply to this Project, and the control measures taken to address stormwater quality impacts.

The Project's receiving water body is Hangtown Creek, which crosses the Project east of the Placerville Drive and Pierroz Road intersection. Runoff from the Project area is collected and conveyed through a system of storm drains and ultimately discharges to Hangtown Creek.

Of the total site area, the Project will disturb 4.28 acres of land.

The Project has a combined existing impervious surface area of 368,953 square feet and is proposing to add and/or replace a total of 44,431 square feet of impervious. Because the Project will create and/or replace more than 43,560 square feet of impervious areas, the Project is required to adhere to the Provision E.12.c requirements of the Phase II MS4 Permit. However, because the Project will result in an increase of less than 50 percent of existing impervious surface, the Project is required to treat only the added and/or replaced impervious surfaces. The Project is mostly comprised of impervious areas that meet the exclusions listed under Section E.12.c .ii (4).(d) of the MS4 and therefore, these impervious surfaces are excluded from having to adhere to stormwater treatment requirements of Section E.3.c.ii.(4). Therefore, the Project is required to treat a total of 44,431 square feet of impervious areas. Clean Water Act § 402(p)(3)(B)(iii) requires that municipal permits "shall require controls to reduce the discharge of pollutants to the maximum extent practicable (MEP), including management practices, control techniques and system, design and engineering methods, and such other provisions as the Administrator or the State determines appropriate for the control of such pollutants. The Project proposes implementing a bioretention swale to treat stormwater runoff. The stormwater control measure will treat to the MEP resulting in a total of 8,957 square feet of impervious surface.

Under the State Water Resources Control Board's (SWRCB) Construction General Permit (CGP), the Project would be Risk Level 2, because it has a high sedimentation risk and low receiving water risk. The CGP requires the Project to implement a Stormwater Pollution Prevention Plan, which would be submitted by the Contractor and approved by the SWRCB prior to the start of construction.

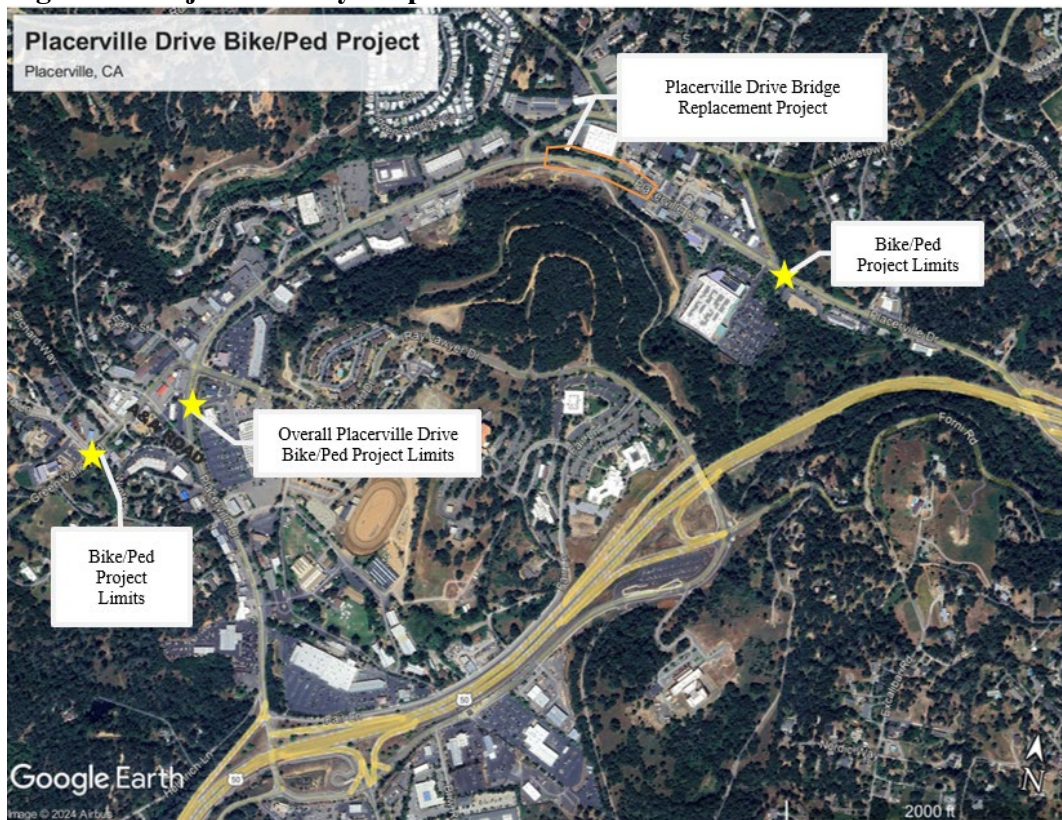
ACRONYMS

Basin Plan	Water Quality Control Plan for the California RWQCB Central Valley Region
BMP	Best Management Practice
CASQA	California Stormwater Quality Association
CGP	Construction General Permit
City	City of Placerville
County	El Dorado County
DSA	disturbed soil area
DMA	Drainage Management Areas
K	soil-erodibility
HM	Hydromodification Management
MS4	Phase II Small Ms4 Permit
NIA	New Impervious Area
NPDES	National Pollutant Discharge Elimination System
No.	Number
NOAA	National Oceanic and Atmospheric Administration
Project	Placerville Drive Bicycle and Pedestrian Facilities and Bridge Project
RWQCB	Regional Water Quality Control Board
RIA	Replaced Impervious Area
ROW	Right-of-Way
sq. ft	Square Feet
SWMP	Stormwater Management Plan
SWPPP	Storm Water Pollution Prevention Plan
USGS	United States Geological Survey

1 INTRODUCTION AND PROJECT BACKGROUND

The City of Placerville (City) proposes to improve and increase bicycle and pedestrian interconnectivity within the city of Placerville along Placerville Drive and Green Valley Road. The proposed Placerville Drive Bicycle and Pedestrian Facilities Project (Project) is located along Placerville Drive approximately 0.5 miles north of United States Highway 50 (US 50), within the western portion of the city of Placerville (Figure 1). The improvements would consist of constructing up to approximately 12,000 linear feet of sidewalks and 12,000 linear feet of Class II or Class IV bicycle facilities along Placerville Drive. The proposed Project would also construct up to approximately 2,000 linear feet of sidewalks and Class II bicycle facilities along Green Valley Road, between Placerville Drive and Mallard Lane. Additionally, improvements may be made to multiple El Dorado Transit bus stops within the Project limits. The Bridge Project would remove the existing functionally obsolete concrete bridge for Placerville Drive over Hangtown Creek and replace it with a new concrete bridge designed to current structural and geometric standards that would provide adequate, reliable, and safe service for traffic. The new bridge would be designed to improve safety for vehicular, pedestrian, and bicycle traffic along Placerville Drive at the project site.

Figure 1. Project Vicinity Map



Source: Google Earth, 2024

Figure 2. Project Location Map



Source: Placerville Municipal Services Review (2017)

1.1 Need for Project

The purpose of the Project is to complete the bicycle and pedestrian facilities within the Placerville Drive corridor. The Project is the next step to create and maintain a safe and convenient system of bicycle and pedestrian improvements within the City. When completed, the Project would provide direct bicycle and pedestrian access to key destinations within the City, be a critical component of an overall low-stress bicycling network, support development, and address the needs of one of the City's heavily traveled transportation corridors.

The Project is needed as the Placerville Drive corridor is comprised of discontinuous sidewalks and limited Class II bike lanes throughout its length. Currently, pedestrian and bicycle access along Placerville Drive and Green Valley Road is affected by limited shoulders, numerous driveways, intersections, pavement transitions, utilities, walls, fences, landscape features, and drainage structures. The Project would improve pedestrian and bicyclist connectivity within the western portion of the City of Placerville to the neighborhoods and Downtown Placerville Area south of US 50. The Bridge Project would also replace the existing functionally obsolete concrete bridge for Placerville Drive over Hangtown Creek with a new concrete bridge designed to current structural and geometric standards that would provide adequate, reliable, and safe service for vehicular, pedestrian, and bicycle traffic.

1.2 Project Data

The Project details are summarized in Table 1. The full Project details are documented in the Final Initial Study for the City of Placerville Drive Bicycle and Pedestrian Facilities Project and Placerville Drive Hangtown Creek Bridge Replacement Project.

Table 1. Project Data

Project Name	Placerville Drive Bicycle and Pedestrian Facilities Project & Placerville Drive Bridge Project
Project Location	Placerville Drive
Project Watershed	Hangtown Creek
Development Type	Road Project, Public Project
Project Description	The Project alignment is divided into two separate segments listed below: • Placerville Drive Bicycle and Pedestrian Facilities Project • Placerville Drive Bridge
Total Area of Land Disturbed (acres)	4.28

1.3 Existing Site Features and Conditions

1.3.1 Hydrologic Features

1.3.1.1 Precipitation and Climate

The City has a mediterranean climate that is characterized by cool, wet winters and hot, dry summers. Average daily temperatures range from an annual low 44°F in the winter to annual high 74°F in the summer. The annual average rainfall is approximately 38 inches with precipitation occurring predominantly between November and April (United States Climate Data 2025).

1.3.1.2 Surface Streams

Creek and stream crossings within Project limits were determined using Federal Emergency Management Agency (FEMA) maps, U.S. Geological Survey (USGS) topographic maps, and aerial photographs. Hangtown Creek is situated northeast end of the Project limits.

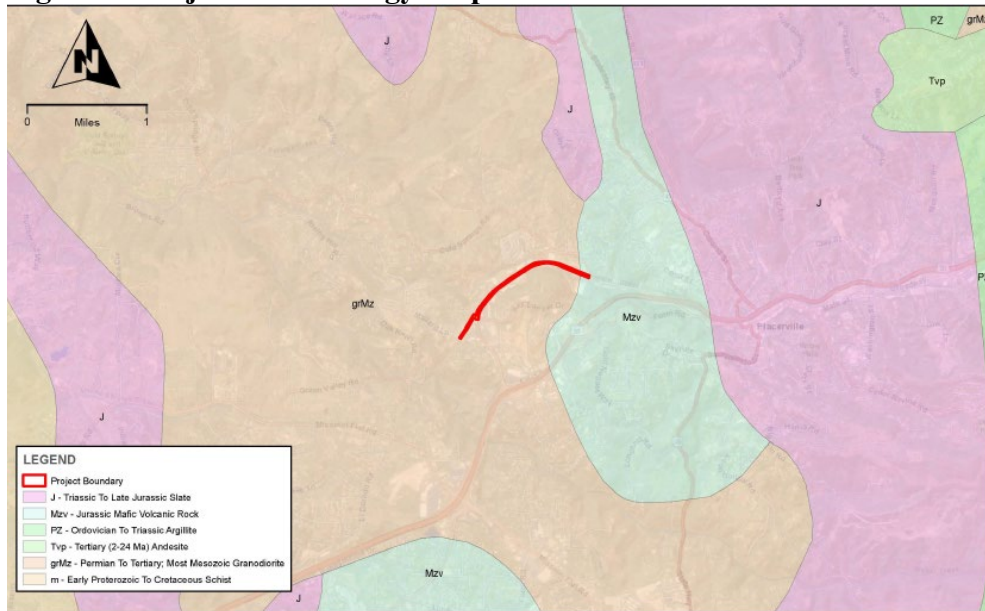
1.3.2 Soil Characteristics and Depth to Groundwater

1.3.2.1 Soil Characteristics

Review of the Geologic Map of the Sacramento Quadrangle (California Division of Mines and Geology, 1981) shows the Project area is underlain by primarily Permian to Tertiary aged Mesozoic Granodiorite (grMz) and Jurassic aged volcanic rocks (Mzv). The Geology Map is shown as Figure 3.

The *Preliminary Site Investigation* (HDR, 2023) identified, for Placerville Drive Bicycle and Pedestrian Facilities Project, soil was non-hazardous; traffic striping was non-hazardous with the exception of the yellow centerline paint is lead based paint and considered hazardous waste. For Bridge Project, some soil locations were classified as California hazardous; no asbestos was detected in concrete samples from the bridge; casing for waterline attached to the bridge had lead based paint; traffic striping was non-hazardous.

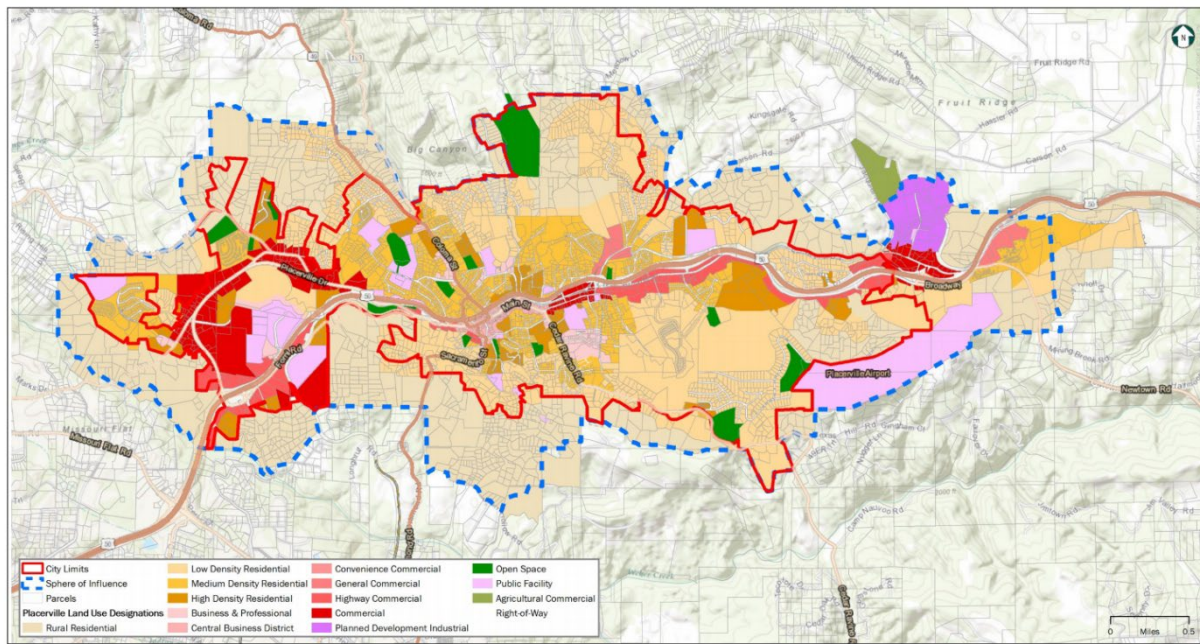
Figure 3. Project Site Geology Map



1.3.3 Land Use

Land use within the Project (See Figure 4) extents is predominately residential (Rural Residential and Low Density Residential), and commercial (Highway Commercial and Central Business District).

Figure 4. Land Use Map (City of Placerville)



Source: Placerville Municipal Services Review (2017)

2 IMPERVIOUS SURFACES

The Project's surface areas are summarized in Table 2 and the Project's improvement Plans are shown in the exhibit in Appendix A.

Table 2. Impervious/Pervious Surfaces

Type of Surface	Area (sq. ft.)	Area (acres)	Surface Description
Pre-project Impervious	368,840	8.47	Existing paved roads and any other paved surface
Existing Impervious to be Replaced	40,412	0.93	Driveway/ Bridge Deck/ Street
New Impervious to be Created	3,737	0.09	Street/ Pathways/Bridge Deck
Existing Impervious to Remain in Place	328,428	7.54	Grind and Overlay
Total Impervious Surface Created/Replaced (Replaced Impervious + New Impervious)	44,149	1.02	

**Under Section E.12.C Regulated Projects of the MS4 Permit exclude construction of new sidewalks and bike lanes on existing roadways.

3 STORMWATER REQUIREMENTS

3.1 Municipal Separate Storm Sewer System

The Project is located within a Phase II MS4 area and will have to comply with the Phase II Small Municipal Separate Storm Sewer Systems (MS4) General Permit (Order No. 2013-0001-DWQ), or Phase II MS4 Permit. The Phase II MS4 Permit regulates stormwater discharges, which include setting effluent limitations, thresholds for requiring post-construction stormwater measures, developing minimum monitoring requirements, and other necessary conditions to ensure water quality is protected within the municipalities covered by the permits. Therefore, the Project will be subject to the requirements outlined in the Phase II MS4 Permit.

As shown in Table 2, a total of 1.02 acres of impervious area is to be created and/or replaced by the Project. Because the Project creates and/or replaces more than 5,000 sq ft of impervious area, stormwater treatment measures are proposed to adhere to the requirements of the MS4.

The Project site has an existing impervious surface area of 368,953 sq. ft (8.47 acres) and is proposing to replace 40,511 sq. ft. (0.93 acres) of impervious area. Less than 50 percent of the existing impervious surface area is to be replaced. The Project is mostly comprised of impervious areas that meet the exclusions listed under Section E.12.c .ii (4).(d) of the MS4 and therefore, these impervious surfaces are excluded from having to adhere to stormwater treatment requirements of Section E.3.c.ii.(4).

The Project will implement permanent best management practices (BMP) to treat the total required impervious surface created/replaced mentioned earlier in this section. Portions of new impervious surface to be created and existing impervious surface to be replaced requiring treatment will be conveyed to a bioretention swale.

3.2 RWQCB Basin Plan

The Project is located within the jurisdiction of the Central Valley Regional Water Quality Control Board (RWQCB). The Central Valley RWQCB established the *Water Quality Control Plan for the California RWQCB Central Valley Region* (Basin Plan, 2019), which states the goals and policies, beneficial uses, and water quality objectives that apply to water bodies throughout the Central Valley Region.

4 CONSTRUCTION-PHASE STORMWATER REQUIREMENTS

Since the Project disturbs more than 1 acre (43,560 sq. ft.) of land, the City of Placerville requires, under the MS4 and the state's Construction General Permit, the implementation of a Storm Water Pollution Prevention Plan (SWPPP) for all construction activity that includes clearing, grading, and disturbances to the ground such as stockpiling or excavation. The City of Placerville also requires that the developer of a Project inform all contractors of all construction BMPs and their implementation under the Project's SWPPP. If the approved construction BMPs are not implemented, then correction notices, citations, and/or stop orders could be issued by the City.

An Erosion and Sediment Control Plan is required for this Project. Appendix B includes both the Project's 100% Planting Plans for the Bicycle and Pedestrian Facilities prepared by R.E.Y on October 2025 and the 100% Permanent Erosion Control Plans for the Bridge Project prepared by Dewberry on October 2025. The Temporary Water Pollution Control Plans are also included in Appendix E, respectively.

5 SITE DESIGN MEASURES

The following site design strategies were incorporated into the Project design to minimize the overall impervious surfaces of the Project and reduce the size of stormwater measures to be installed.

5.1 Direct Runoff to Pervious Areas and Bioretention Areas

Runoff from the Project will maintain existing drainage pattern. The added and replaced impervious runoff from the Project is conveyed to the bioretention swale will be treated before being discharged into the storm drain system. The design and sizing of a bioretention swale is discussed in Section 8 of this report.

The Project will not meet the treatment requirements of the Phase II MS4 Permit. Under the Clean Water Act § 402(p)(3)(B)(iii), the City of Placerville has agreed that the Project will treat the impervious surface areas to the maximum extent feasible.

5.2 Minimization of Land Disturbance and Impervious Surface Creation

The Project extent is limited to existing developed areas, minimizing land disturbance, impervious surface creation, and changes to the natural topography of the Project site.

6 STORMWATER SOURCE CONTROLS

Source control measures are used to prevent stormwater runoff and pollutants from entering municipal storm drains and local surface waters. These measures are required for all Regulated Projects. The following source control measures are recommended for this Project based on the City's *Stormwater Management Plan* (2019) and the California Stormwater Quality Association (CASQA) *Stormwater BMP Handbook* (2024).

6.1 Storm Drain Signage

Storm drain messages would be placed at drainage inlets where downstream flows connect to natural water bodies. All storm drain inlets and catch basins within the Project area will be stenciled or labeled with prohibitive language and/or other graphical icons to discourage illegal dumping. Existing storm drains and markers to remain would be indicated on the design plans. Messages for new storm drains would be consistent with the needs of the City standards.

7 CONSTRUCTION BEST MANAGEMENT PRACTICES

7.1 Risk Level Determination

The Project will disturb more than 1 acre of soil and must comply with the CGP, which includes performing risk level assessments to determine the required monitoring and sampling of stormwater to be conducted during construction. The risk level assessment is determined from the combined receiving water and sediment risks.

The Project has a low receiving water risk, because Hangtown Creek is not sediment impaired nor does it have the combined existing beneficial uses of cold freshwater habitat, fish spawning, and fish migration.

The Project's site sediment risk factor was determined from the product of the rainfall erosivity (R), K, and length-slope (LS) factors. Using the USEPA's "Rainfall Erosivity Factor Calculator for Small Construction Sites" (2022), the calculated R factor for the Project site is 94.0. California Department of Transportation's Water Quality Planning Tool (2022) identified the K and LS factors within the Project area to be 0.32 and 4.5, respectively. The product of these values is 135.36 tons/acre ($94.0 \times 0.32 \times 4.5$); because this value is over 75 tons/acre, the Project has a high sediment risk.

The low receiving water risk and high sediment risk result in the Project being classified as Risk Level 2. Therefore, the Contractor is required to implement standard construction site BMPs. The risk level calculations can be found in Appendix C.

7.2 Construction Site Best Management Practices

The following construction stormwater BMPs are to be implemented for the Project per recommendations from CASQA Stormwater BMP Handbook:

- Temporary erosion controls such as temporary cover, drainage inlet protection, fiber rolls, silt fencing, construction entrance, street sweeping, concrete washout facilities, and high-visibility fencing are to be implemented to stabilize all disturbed areas until permanent erosion controls are established.
- Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses.
- Provide notes, specifications, or attachments describing the following:
 - Construction, operation and maintenance of erosion and sediment controls, include inspection frequency;
 - Methods and schedule for grading, excavation, filling, clearing of vegetation, and storage and disposal of excavated or cleared material;
 - Specifications for vegetative cover and mulch, include methods and schedules for planting and fertilization; and
 - Provisions for temporary and/or permanent irrigation.
- Perform clearing and earth moving activities only during dry weather.

- Use sediment controls or filtration to remove sediment when dewatering and obtain all necessary permits.
- Protect all storm drain inlets in vicinity of site using sediment controls such as berms, fiber rolls, or filters.
- Trap sediment on-site using BMPs such as sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for soil stock piles, etc.
- Divert on-site runoff around exposed areas; divert off-site runoff around the site (e.g., swales and dikes).
- Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.
- Limit construction access routes and stabilize designated access points.
- No cleaning, fueling, or maintaining vehicles on-site, except in a designated area where wash water is contained and treated.
- Store, handle, and dispose of construction materials/wastes properly to prevent contact with stormwater.
- Contractor shall train and provide instructions to all employees/subcontractors regarding construction BMPs.
- Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, washwater or sediments, rinse water from architectural copper, and non-stormwater discharges to storm drains and watercourses.

The CASQA BMP Checklist can be found in Appendix D.

8 STORMWATER TREATMENT MEASURES AND HYDROMODIFICATION MANAGEMENT APPLICABILITY

The following sections describe the proposed stormwater treatment measures and the applicability of hydromodification management requirements for the Project.

8.1 Proposed Stormwater Treatment Measures and Hydraulic Sizing

The Project proposes to implement a bioretention swale for stormwater runoff treatment from added and replaced impervious surfaces for the Bridge Project. The location of the proposed bioretention swale is shown in the Project's Drainage Management Area Map in Appendix F.

Bioretention basins are vegetated basins that use surface storage, vegetation, planting soil, outlet controls, and other components to treat, detain, and retain stormwater runoff. They reduce stormwater volume and pollution by filtering runoff through a vegetated soil medium that promotes evapotranspiration, with stormwater being removed via infiltration into the surrounding soils.

The bioretention basin was sized using one of the flow-based hydraulic sizing criteria stated in the Phase II MS4 Permit; the basin was sized to capture stormwater flow for the tributary area based on the 85th percentile 24-hour storm runoff event. Site design measures shall be used to reduce the amount of runoff to the extent technically feasible. The flow-based hydraulic sizing was computed using the following steps:

1. Divide the Project site into discrete drainage management areas (DMAs), each of which will drain to a separate treatment control measure.
2. Calculate the total area (in square feet) and percentage of impervious surface area within each DMA.
3. Choose a safety factor for the rainfall intensity. This multiplier is usually 2, but it may vary by region.
4. The rainfall intensity for the selected percentile will be calculated automatically above. The modified intensity has the safety factor applied.
5. Apply the Rational Formula to calculate the water quality flow. Multiply the "BMP Drainage Area" from Step 1, the "C" from Step 2, and the "modified intensity" from Step 5 together. The result is the water quality flow calculated using the *CASQA Stormwater BMP Handbook: New Development and Redevelopment* approach.

The Project site will have one DMA that will drain to the proposed bioretention swale (see Appendix F). The bioretention swale size is sized for runoff produced by a rain event equal to at least two times the 85th percentile hourly rainfall intensity for the DMA area. The stormwater control measure will treat to the MEP resulting in a total of 8,957 square feet of impervious surface. Supporting calculations can be found in Appendix G.

8.2 Hydromodification Applicability

Hydromodification is the alteration of the natural flow of water through a landscape. This is a leading source of degradation of water quality and impairment of water bodies. The *MS4 Permit* states that the post-Project runoff should not exceed the pre-Project flow rate for a 2-year, 24-hour storm event (2019). As previously discussed in Section 3, the Project would need to incorporate hydromodification management measures under the *MS4 Permit* (2019) because the proposed total added and/or replaced impervious area exceeds 1 acre. The Project's total added and/or replaced impervious is 1.02 acres.

The Project's drainage management area ultimately outfalls into Hangtown Creek. Hangtown Creek is used as a downstream control to the drainage management area since it is located within the FEMA floodplain. The Project may not be susceptible to hydromodification impacts since flow would not be attenuated during the design storm event.

9 REFERENCES

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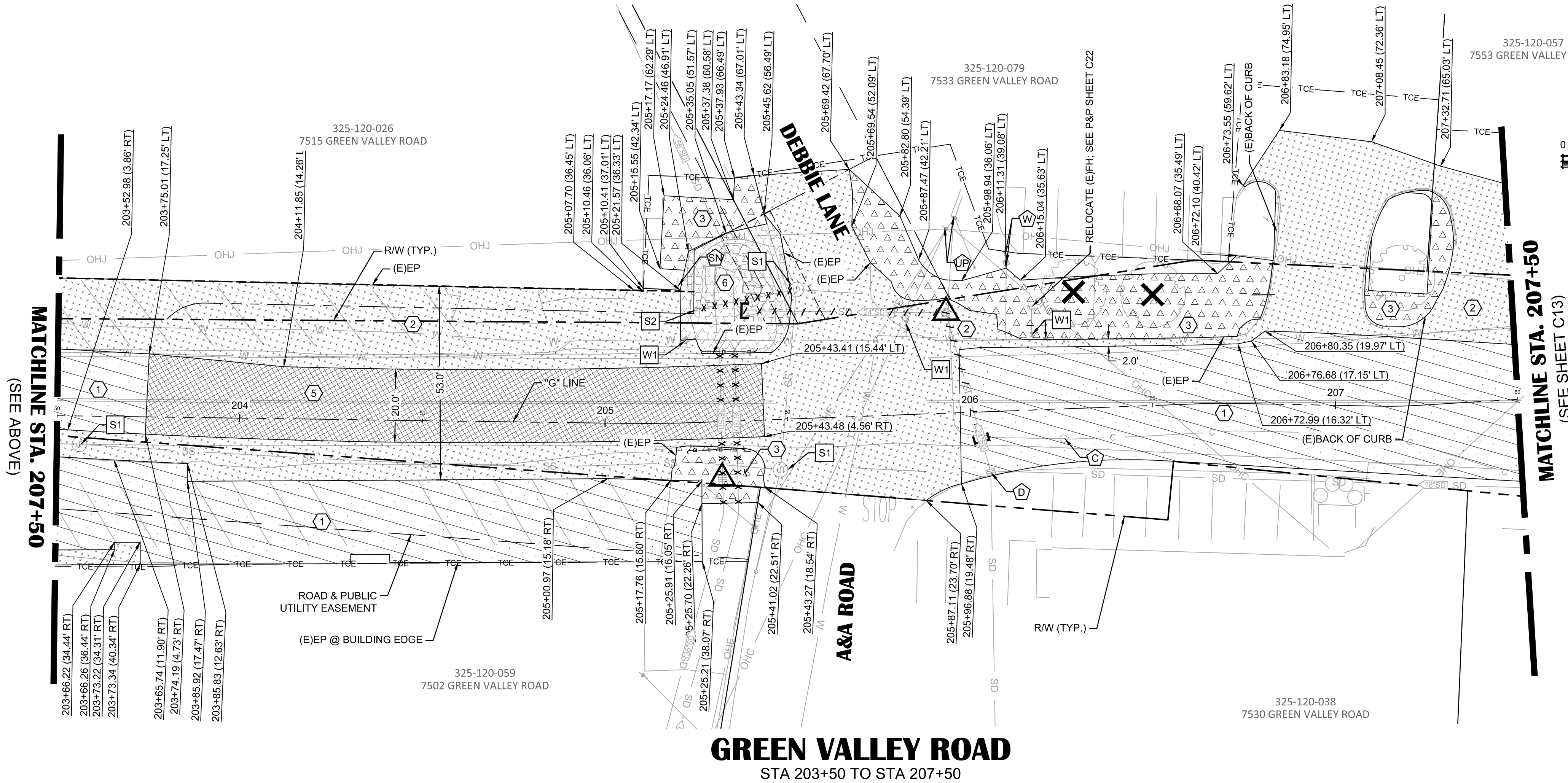
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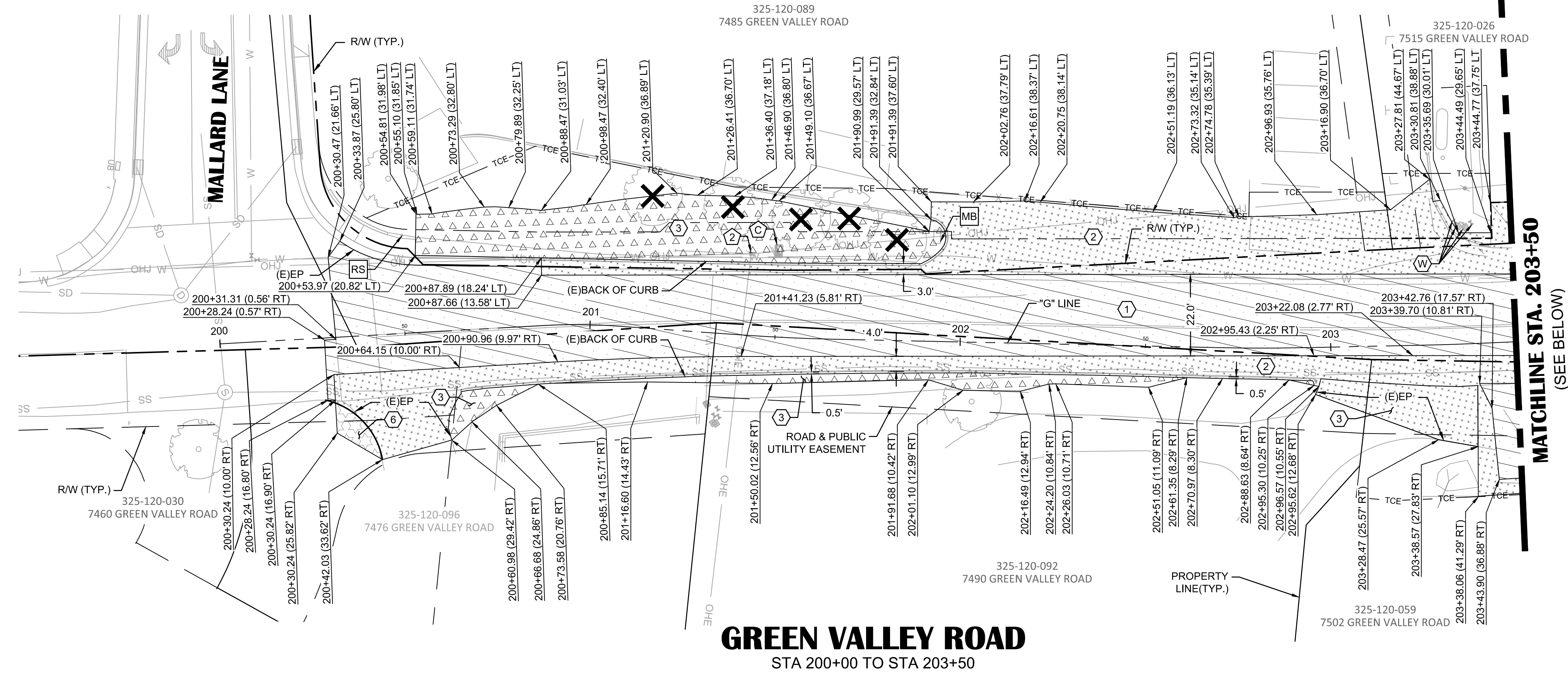
100% City of Placerville, Engineering Department Project Plans for Placerville Drive Bridge Project, (Dewberry. October 2025).

Appendix A Project Drainage Plans

MATCHLINE STA. 207+50
(SEE ABOVE)



GREEN VALLEY ROAD
STA 203+50 TO STA 207+50



GREEN VALLEY ROAD
STA 200+00 TO STA 203+50

- SHEET NOTES:**
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE OR "G" LINE, UNLESS OTHERWISE NOTED.
 - REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE AND "G" LINE ALIGNMENT DATA.
 - THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS AND FIELD SURVEYS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, UTILITY COMPANIES, AND/OR FIELD VERIFY AND LOCATE ALL UTILITIES BEFORE PROCEEDING WITH WORK. THE CONTRACTOR IS ALSO REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. NOTIFY THE ENGINEER IF ADDITIONAL UTILITIES ARE LOCATED OR IF CONFLICTS ARE FOUND WITH EXISTING CONDITIONS.
 - ALL TREES TO BE REMOVED SHALL BE MARKED AND APPROVED FOR REMOVAL BY CITY PRIOR TO REMOVING OR CUTTING TREE(S). EXISTING ROOTS TO BE GRINDED TO A DEPTH OF APPROXIMATELY 3 FEET. USE CAUTION WHILE GRINDING WHEN (E)UTILITIES ARE IN CLOSE PROXIMITY TO TREES. EXISTING UTILITIES SHALL BE PROTECTED UNLESS OTHERWISE NOTED.
 - ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE PROTECTED PER SPECIFICATIONS AND DETAILS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY TRAFFIC DETECTION LOOPS IMPACTED DURING CONSTRUCTION TO FULL OPERATIONAL CONDITION, IN ACCORDANCE WITH APPLICABLE AGENCY STANDARDS AND PROJECT SPECIFICATIONS.
 - SAWCUT EXISTING CONCRETE AND ASPHALT TO A NEAT-STRAIGHT LINE. ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.
 - CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGE AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.

KEY NOTE	DESCRIPTION	QTY
W1	ADJUST UTILITY TO GRADE - (E)WATER VALVE/METER BOX	
S1	ADJUST UTILITY TO GRADE - (E)SS MANHOLE	
S2	ADJUST UTILITY TO GRADE - (E)SS CLEANOUT	
RS	RESET ROADSIDE SIGN	
MB	RELOCATE MAILBOX PER P&P SHEET C21	

KEY NOTE	DESCRIPTION	QTY
W	PROTECT IN PLACE (E)WATER UTILITY	
S	PROTECT IN PLACE (E)SEWER UTILITY	
D	PROTECT IN PLACE (E)DRAINAGE UTILITY	
C	PROTECT IN PLACE (E)COMM UTILITY	
UP	PROTECT IN PLACE (E)UTILITY POLE	
SV	PROTECT IN PLACE (E)SIGN	

KEY NOTE	DESCRIPTION	QTY
W1	ADJUST UTILITY TO GRADE - (E)WATER VALVE/METER BOX	
S1	ADJUST UTILITY TO GRADE - (E)SS MANHOLE	
S2	ADJUST UTILITY TO GRADE - (E)SS CLEANOUT	
RS	RESET ROADSIDE SIGN	
MB	RELOCATE MAILBOX PER P&P SHEET C21	

SYMBOL	DESCRIPTION	QTY
1	2.0" COLD PLANE AC	
2	REMOVE BASE AND SURFACING	
3	ROADWAY EXCAVATION	
5	REMOVE SURFACING	
6	CLEAR & GRUB	
----	ABANDON STORM DRAIN PIPE IN PLACE	
X X X X X	REMOVE STORM DRAIN PIPE	
Δ	REMOVE DRAINAGE STRUCTURE	
X X X X X	REMOVE SEWER PIPE	
┐	CUT & CAP (E)PIPE (SEE DETAIL 2 ON SHEET C06)	
----	REMOVE GUARDRAIL	
X	REMOVE TREE	

SYMBOL	DESCRIPTION	QTY
1	2.0" COLD PLANE AC	
2	REMOVE BASE AND SURFACING	
3	ROADWAY EXCAVATION	
5	REMOVE SURFACING	
6	CLEAR & GRUB	
----	ABANDON STORM DRAIN PIPE IN PLACE	
X X X X X	REMOVE STORM DRAIN PIPE	
Δ	REMOVE DRAINAGE STRUCTURE	
X X X X X	REMOVE SEWER PIPE	
┐	CUT & CAP (E)PIPE (SEE DETAIL 2 ON SHEET C06)	
----	REMOVE GUARDRAIL	
X	REMOVE TREE	

SYMBOL	DESCRIPTION	QTY
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3	ROADWAY EXCAVATION	
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X X X X X	REMOVE STORM DRAIN PIPE	
Δ	REMOVE DRAINAGE STRUCTURE	
X X X X X	REMOVE SEWER PIPE	
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X	REMOVE TREE	

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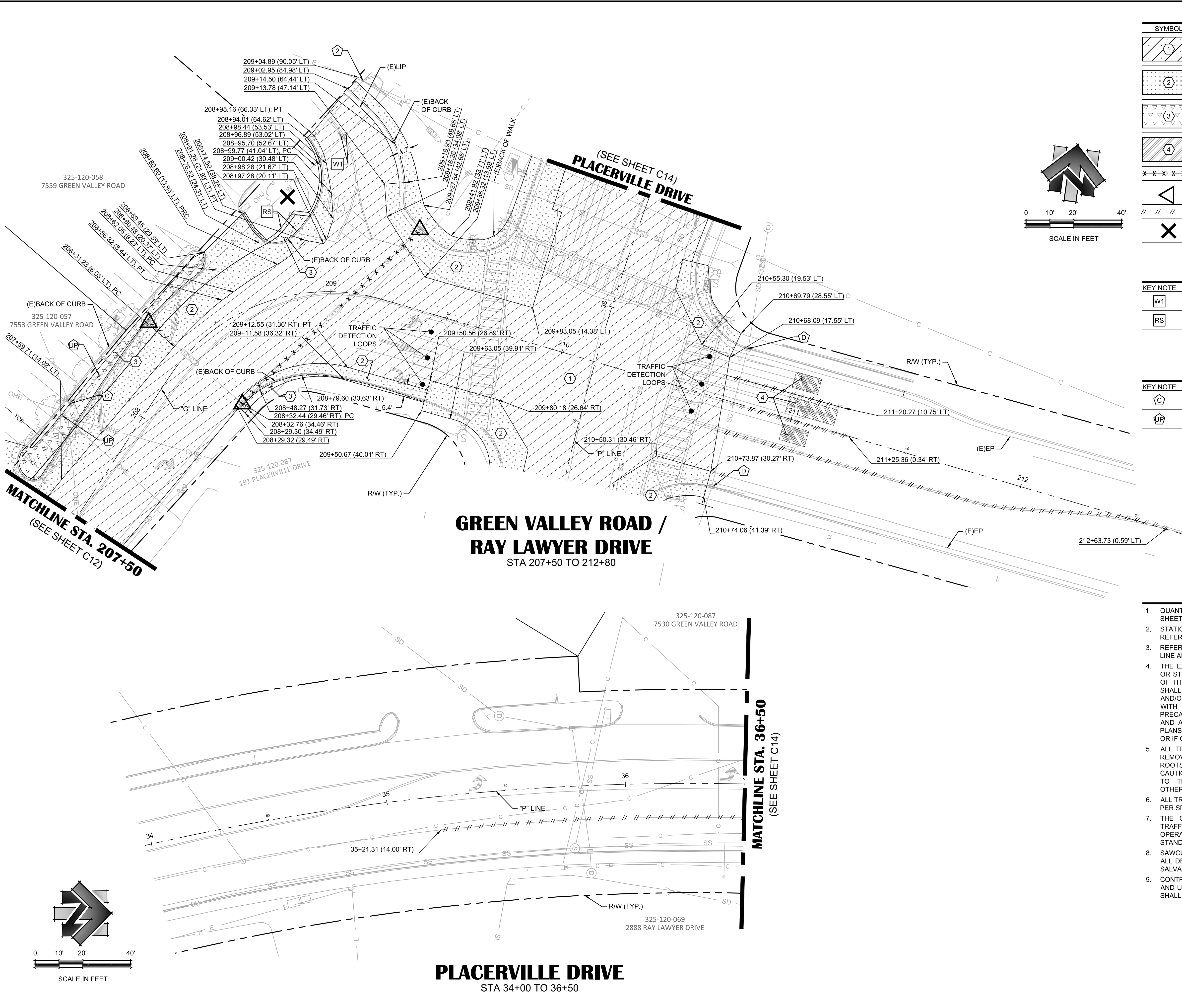
SYMBOL	DESCRIPTION	QTY
1	2.0" COLD PLANE AC	
2	REMOVE BASE AND SURFACING	
3	ROADWAY EXCAVATION	
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SYMBOL	DESCRIPTION	QTY
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----	ABANDON STORM DRAIN PIPE IN PLACE	
X X X X X	REMOVE STORM DRAIN PIPE	
Δ	REMOVE DRAINAGE STRUCTURE	
X X X X X	REMOVE SEWER PIPE	
┐	CUT & CAP (E)PIPE (SEE DETAIL 2 ON SHEET C06)	
----	REMOVE GUARDRAIL	
X	REMOVE TREE	

SYMBOL	DESCRIPTION	QTY
1	2.0" COLD PLANE AC	
2	REMOVE BASE AND SURFACING	
3	ROADWAY EXCAVATION	</

N:\2332 - Drake Hagton\004 - Placerville Drive\10 - CAD Drawings\Improvement Plans\2332.004 - DEMOLITION PLAN.dwg Oct 08, 2025 - 4:13pm, smalone



DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
	2.0" COLD PLANE AC
	REMOVE BASE AND SURFACING
	ROADWAY EXCAVATION
	REMOVE PAVEMENT MARKING
	REMOVE STORM DRAIN PIPE
	REMOVE DRAINAGE STRUCTURE
	REMOVE TRAFFIC STRIPE
	REMOVE TREE

ADJUSTMENT KEYNOTES:	
KEY NOTE	DESCRIPTION
	ADJUST UTILITY TO GRADE - (E)WATER VALVE
	RESET ROADSIDE SIGN

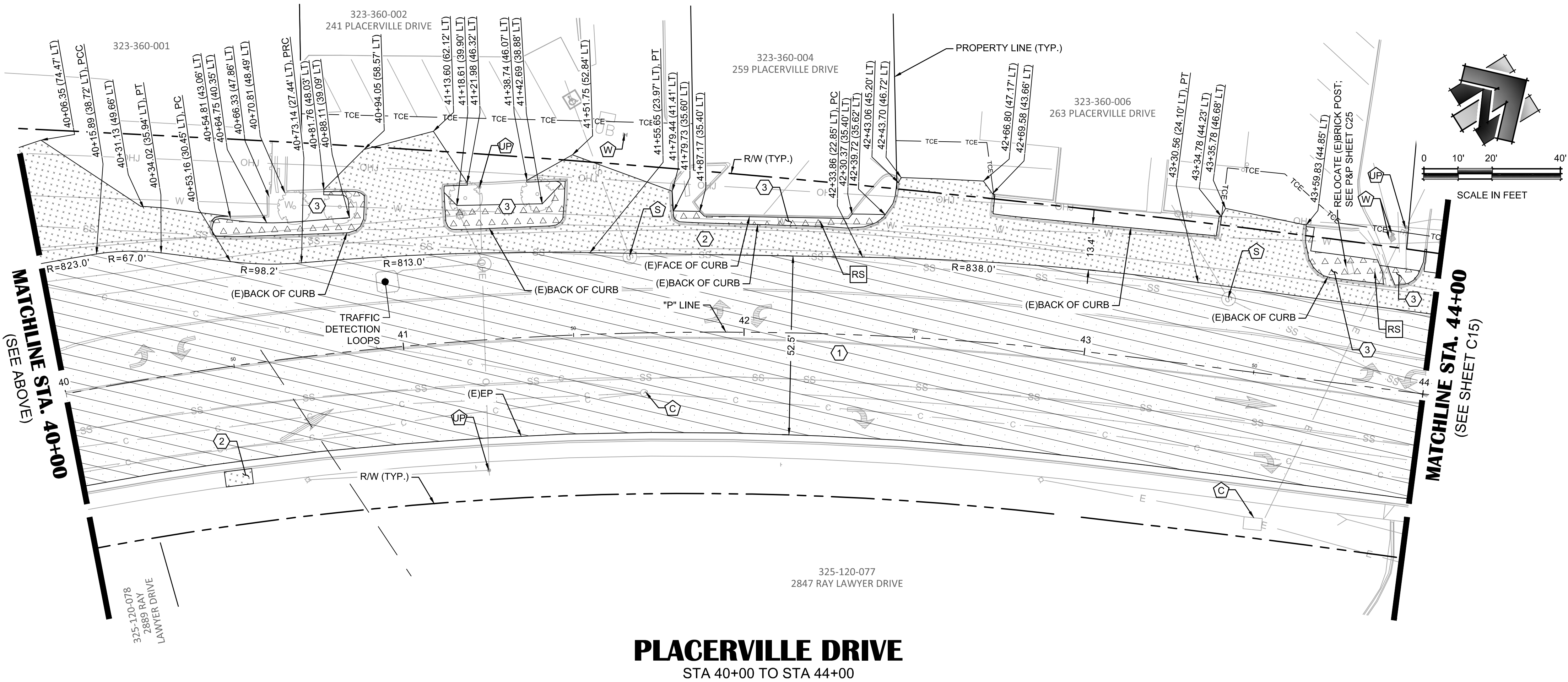
PROTECTION KEYNOTES:	
KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)COMMUNICATIONS UTILITY
	PROTECT IN PLACE (E)UTILITY POLE

- SHEET NOTES:**
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE OR "G" LINE, UNLESS OTHERWISE NOTED.
 - REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE AND "G" LINE ALIGNMENT DATA.
 - THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS AND FIELD SURVEYS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, UTILITY COMPANIES, AND/OR FIELD VERIFY AND LOCATE ALL UTILITIES BEFORE PROCEEDING WITH WORK. THE CONTRACTOR IS ALSO REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. NOTIFY THE ENGINEER IF ADDITIONAL UTILITIES ARE LOCATED OR IF CONFLICTS ARE FOUND WITH EXISTING CONDITIONS.
 - ALL TREES TO BE REMOVED SHALL BE MARKED AND APPROVED FOR REMOVAL BY CITY PRIOR TO REMOVING OR CUTTING TREE(S). EXISTING ROOTS TO BE GRINDED TO A DEPTH OF APPROXIMATELY 3 FEET. USE CAUTION WHILE GRINDING WHEN (E)UTILITIES ARE IN CLOSE PROXIMITY TO TREES. EXISTING UTILITIES SHALL BE PROTECTED UNLESS OTHERWISE NOTED.
 - ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE PROTECTED PER SPECIFICATIONS AND DETAILS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY TRAFFIC DETECTION LOOPS IMPACTED DURING CONSTRUCTION TO FULL OPERATIONAL CONDITION, IN ACCORDANCE WITH APPLICABLE AGENCY STANDARDS AND PROJECT SPECIFICATIONS.
 - SAWCUT EXISTING CONCRETE AND ASPHALT TO A NEAT-STRAIGHT LINE. ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.
 - CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGE AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.

ENGINEER'S STAMP



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE



PLACERVILLE DRIVE
STA 40+00 TO STA 44+00

MATCHLINE STA. 36+50
(SEE SHEET C13)

(SEE SHEET C13)
GREEN VALLEY ROAD

RAY LAWYER DRIVE
(SEE SHEET C13)

MATCHLINE STA. 40+00
(SEE BELOW)

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	2.0" COLD PLANE AC
	REMOVE BASE AND SURFACING
	ROADWAY EXCAVATION
	REMOVE PAVEMENT MARKING

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
	ADJUST UTILITY TO GRADE - (E)SS MANHOLE
	RESET ROADSIDE SIGN

PROTECTION KEYNOTES:

KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)WATER UTILITY
	PROTECT IN PLACE (E)SEWER UTILITY
	PROTECT IN PLACE (E)DRAINAGE UTILITY
	PROTECT IN PLACE (E)COMMUNICATIONS UTILITY
	PROTECT IN PLACE (E)MAILBOX
	PROTECT IN PLACE (E)UTILITY POLE

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
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- SAWCUT EXISTING CONCRETE AND ASPHALT TO A NEAT-STRAIGHT LINE. ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.
- CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGE AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.

ENGINEER'S STAMP



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
DEMOLITION PLAN
PLACERVILLE DRIVE - STA 36+00 TO 44+00
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 10-08-2025
DRAFTER: JCOGVARSDM
DESIGNER: VGMCCOSDMGR
REVIEWER: JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C14** OF **C66**

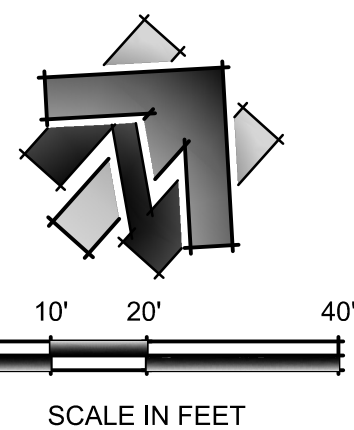
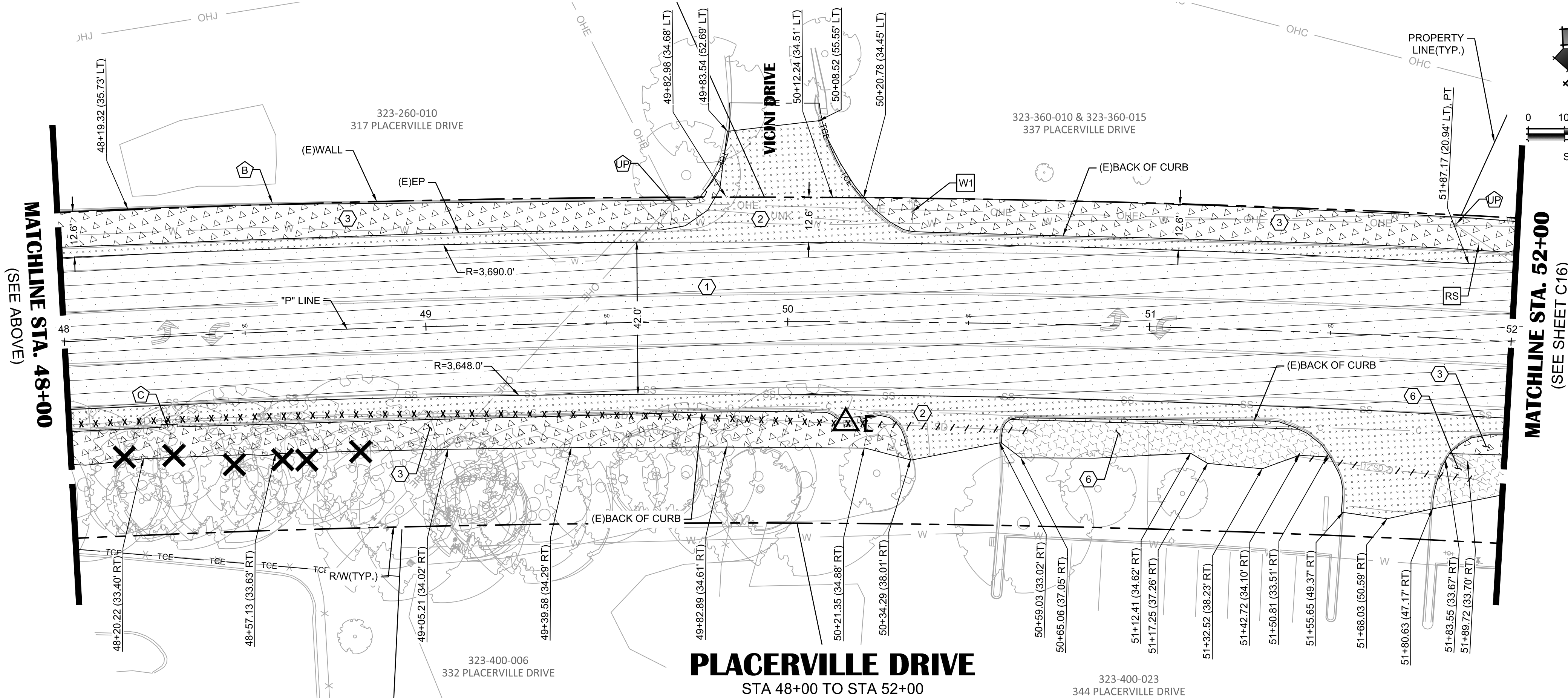


R.E.Y. ENGINEERS, Inc.
Civil Engineers / Land Surveyors / Remote Sensing
900 Sutter Street, Suite 200, Placerville, CA 95330
(916) 366-3040 Fax: (916) 366-3303

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

100% SUBMITTAL
NOT FOR CONSTRUCTION

DRAWING SCALE
HOR. SCALE: 1" = 20'
VERT. SCALE: N/A



PROTECTION KEYNOTES:	
KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)WATER UTILITY
	PROTECT IN PLACE (E)SEWER UTILITY
	PROTECT IN PLACE (E)DRAINAGE UTILITY
	PROTECT IN PLACE (E)MAILBOX
	PROTECT IN PLACE (E)UTILITY POLE
	PROTECT IN PLACE (E)BARRIER

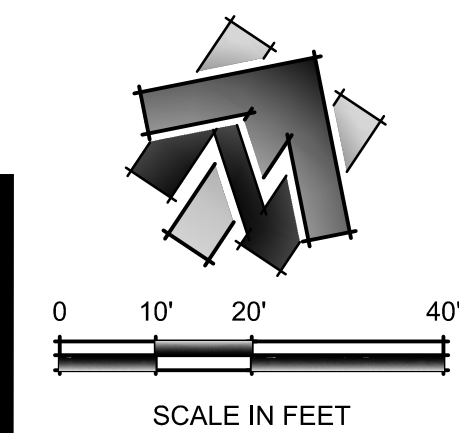
REGISTERED PROFESSIONAL ENGINEER
JAMES W. FISHER
No. 73197
CIVIL
STATE OF CALIFORNIA

R. E. Y. ENGINEERS, Inc.
Civil Engineers | Land Surveyors | Remote Sensing
905 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax: (916) 366-3303

DRAWING INFO

DATE:	10-08-2021
DRAFTER:	JCQ/GVR/SDM
DESIGNER:	VGM/JCQ/SDM/GVR
REVIEWER:	JW

PROJECT NO.
CIP# 41816
SHEET NO. **C15** OF **C66**

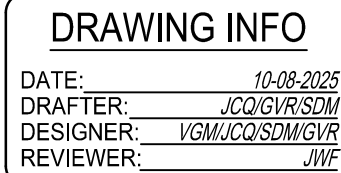


SYMBOL	DESCRIPTION
	2.0" COLD PLANE AC
	REMOVE BASE AND SURFACING
	ROADWAY EXCAVATION
	CLEAR & GRUB
	ABANDON STORM DRAIN PIPE IN PLACE
	REMOVE STORM DRAIN PIPE
	REMOVE DRAINAGE STRUCTURE
	REMOVE FRAME & GRATE
	CUT & CAP (E)PIPE (SEE DETAIL 2 ON SHEET C06)
	REMOVE TREE

KEY NOTE	DESCRIPTION
W1	ADJUST UTILITY TO GRADE - (E)WATER VALVE

KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)WATER UTILITY
	PROTECT IN PLACE (E)SEWER UTILITY
	PROTECT IN PLACE (E)DRAINAGE UTILITY
	PROTECT IN PLACE (E)COMMUNICATIONS UTILITY
	PROTECT IN PLACE (E)MAILBOX
	PROTECT IN PLACE (E)UTILITY POLE

1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
2. STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
3. REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS AND FIELD SURVEYS. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT, UTILITY COMPANIES AND/OR FIELD VERIFY AND LOCATE ALL UTILITIES BEFORE PROCEEDING WITH WORK. THE CONTRACTOR IS ALSO REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. NOTIFY THE ENGINEER IF ADDITIONAL UTILITIES ARE LOCATED OR IF CONFLICTS ARE FOUND WITH EXISTING CONDITIONS.
5. ALL TREES TO BE REMOVED SHALL BE MARKED AND APPROVED FOR REMOVAL BY CITY PRIOR TO REMOVING OR CUTTING TREE(S). EXISTING ROOTS TO BE GRINDED TO A DEPTH OF APPROXIMATELY 3 FEET. USE CAUTION WHILE GRINDING WHEN (E)UTILITIES ARE IN CLOSE PROXIMITY TO TREES. EXISTING UTILITIES SHALL BE PROTECTED UNLESS OTHERWISE NOTED.
6. ALL TREES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE PROTECTED PER SPECIFICATIONS AND DETAILS.
7. SAWCUT EXISTING CONCRETE AND ASPHALT TO A NEAT-STRAIGHT LINE ALL DEBRIS SHALL BE HAULED OFFSITE TO A LEGAL DUMPING SITE OR SALVAGED FOR REUSE ON PROJECT AS NOTED.
8. CONTRACTOR TO COORDINATE UTILITY DEMOLITION WITH DRAINAGES AND UTILITY WORK SHOWN IN THIS PLAN SET. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED PER PROJECT SPECIFICATIONS.



PROJECT NO.
CIP# 41816
SHEET NO. **C16** OF **C66**



R. E. Y. ENGINEERS, Inc.
Civil Engineers / Land Surveyors / Remote Sensing
905 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax: (916) 366-3303

**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES**

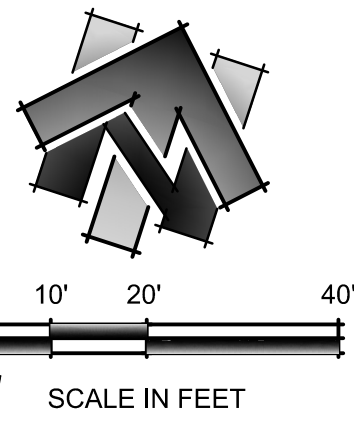
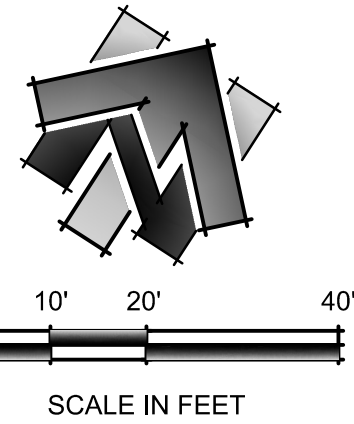
DEMOLITION PLAN

PLACERVILLE DRIVE - STA 52+00 TO 60+00

CITY OF PLACERVILLE

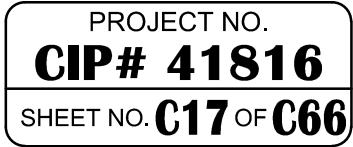
CALIFORNIA

NO	REVISION	DESCRIPTION	CHECKED BY	DATE
100% SUBMITTAL NOT FOR CONSTRUCTION				

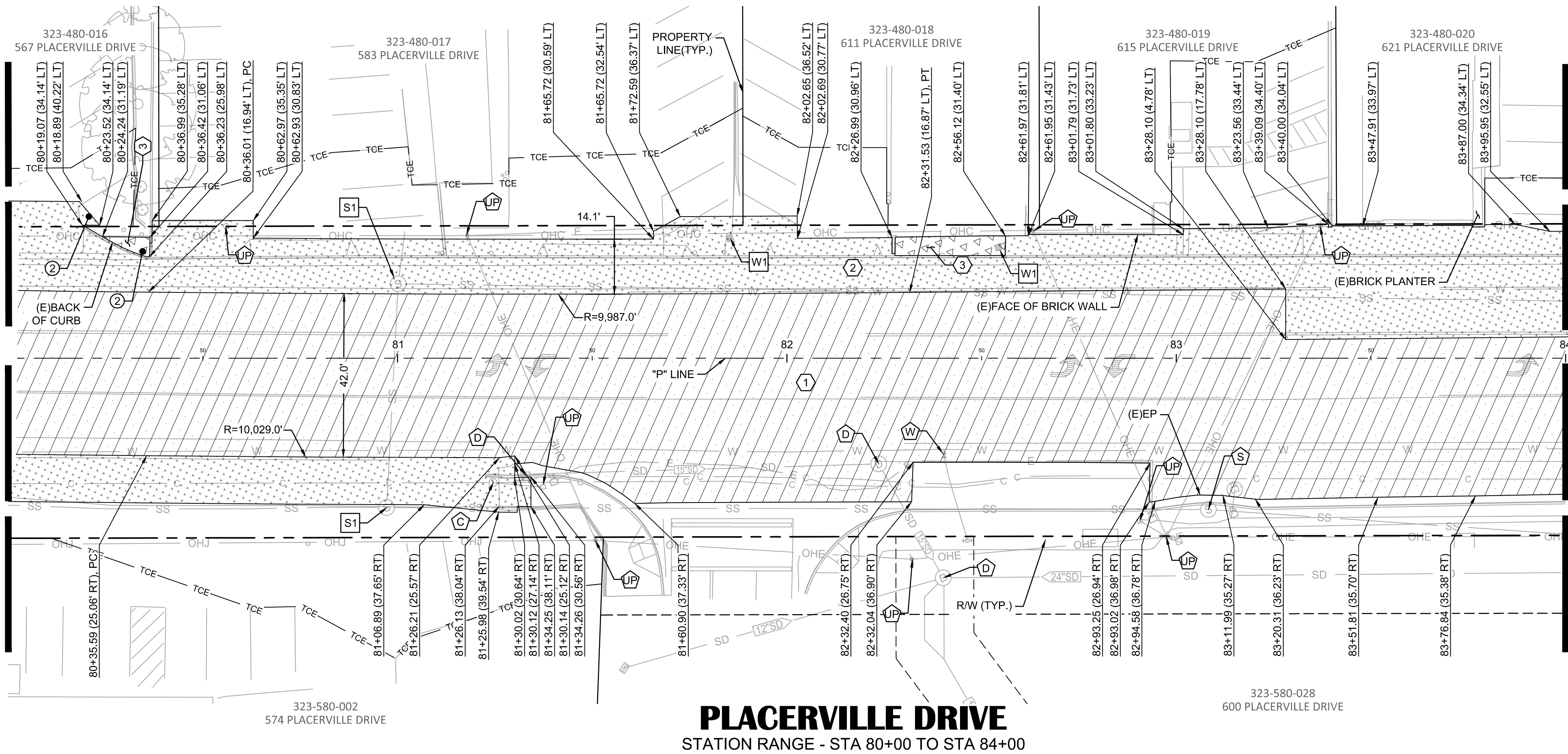


PROTECTION KEYNOTES:	
KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)WATER UTILITY
	PROTECT IN PLACE (E)SEWER UTILITY
	PROTECT IN PLACE (E)DRAINAGE UTILITY
	PROTECT IN PLACE (E)COMMUNICATIONS UTILITY
	PROTECT IN PLACE (E)MAILBOX
	PROTECT IN PLACE (E)UTILITY POLE
	PROTECT IN PLACE (E)METAL BEAM GUARDRAIL

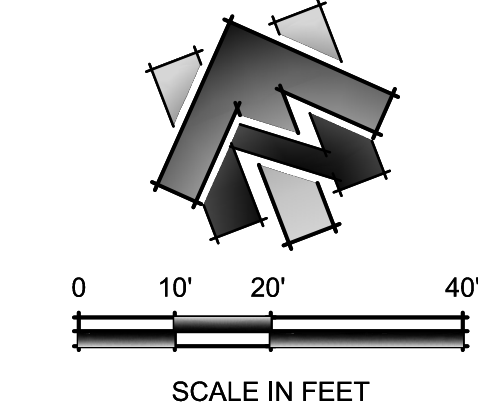
- ### ENGINEER'S STAMP



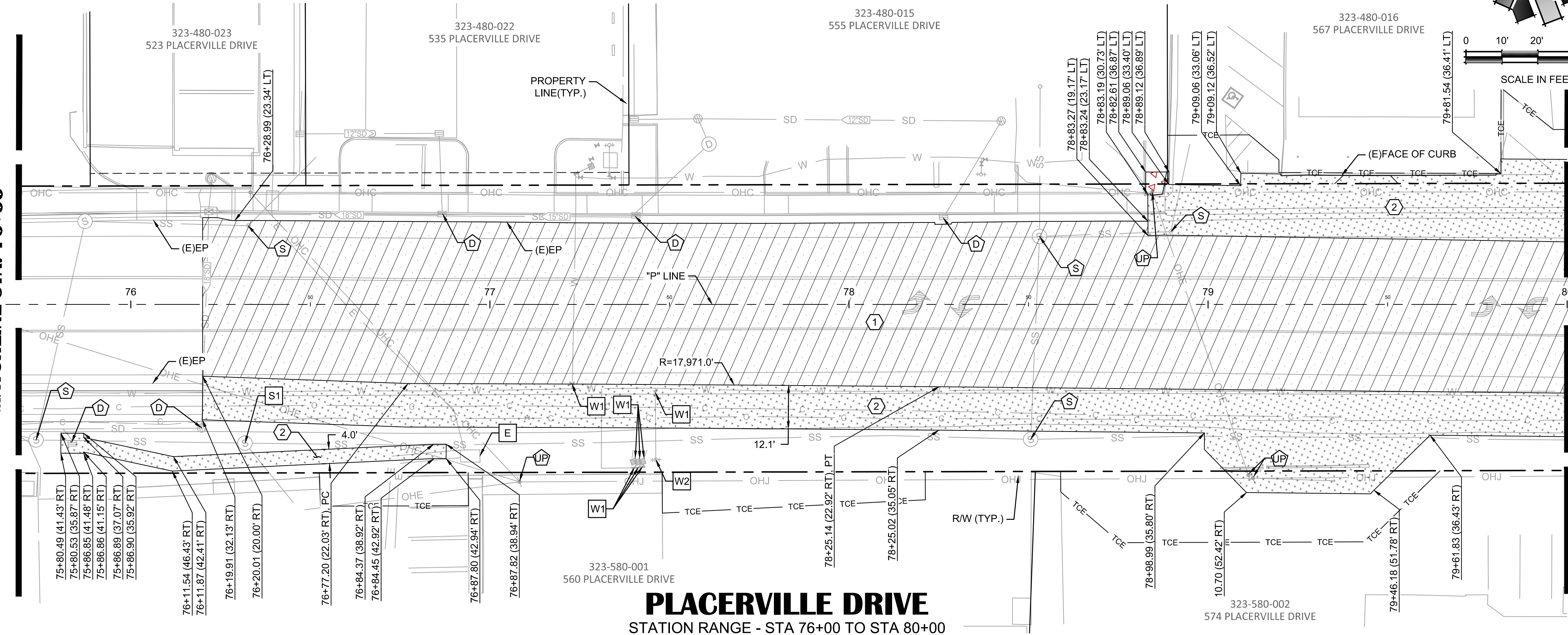
MATCHLINE STA. 80+00
(SEE CONTINUATION ABOVE)



PLACERVILLE DRIVE
STATION RANGE - STA 80+00 TO STA 84+00



(SEE SHEET C17)
MATCHLINE STA. 76+00



PLACERVILLE DRIVE
STATION RANGE - STA 76+00 TO STA 80+00

MATCHLINE STA. 80+00
(SEE CONTINUATION BELOW)

DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	2.0" COLD PLANE AC
	REMOVE BASE AND SURFACING
	ROADWAY EXCAVATION

DEMOLITION KEYNOTES:

KEY NOTE	DESCRIPTION
②	REMOVE BOLLARD

ADJUSTMENT KEYNOTES:

KEY NOTE	DESCRIPTION
W1	ADJUST UTILITY TO GRADE - (E)WATER VALVE/METER BOX
S1	ADJUST UTILITY TO GRADE - (E)SS MANHOLE
E	ADJUST UTILITY TO GRADE - (E)ELECTRICAL BOX

PROTECTION KEYNOTES:

KEY NOTE	DESCRIPTION
W	PROTECT IN PLACE (E)WATER UTILITY
S	PROTECT IN PLACE (E)SEWER UTILITY
D	PROTECT IN PLACE (E)DRAINAGE UTILITY
C	PROTECT IN PLACE (E)COMMUNICATIONS UTILITY
UP	PROTECT IN PLACE (E)UTILITY POLE

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
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ENGINEER'S STAMP

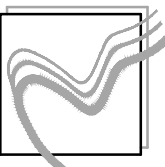


IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
DEMOLITION PLAN
PLACERVILLE DRIVE - STA 76+00 TO 84+00
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCOGVR/SCM
DESIGNER: VGM/SCM/JWF
REVIEWER: JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C18** of **C66**

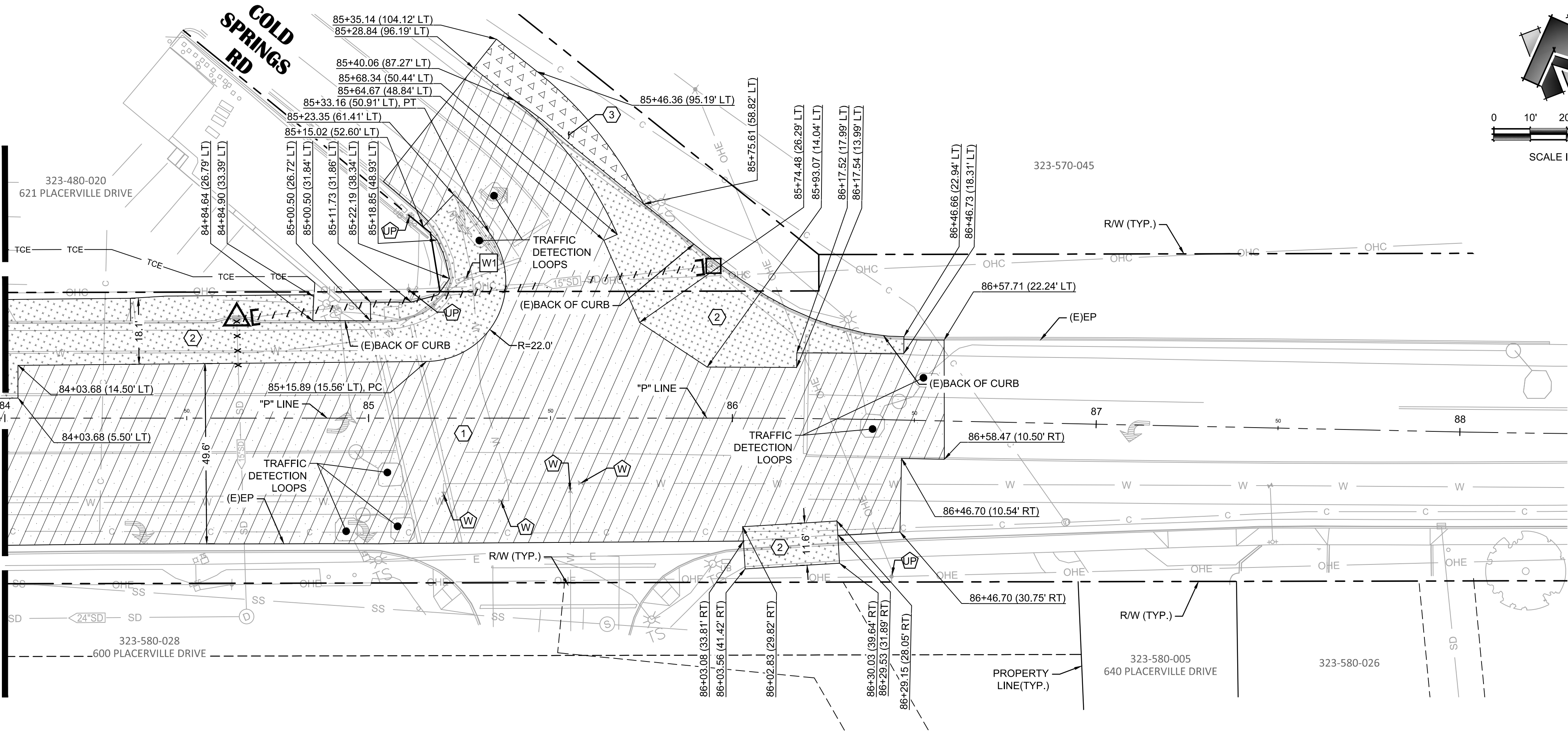


R.E.Y. ENGINEERS, Inc.
Civil Engineers / Land Surveyors / Remote Sensing
400 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax: (916) 366-3303

100% SUBMITTAL
NOT FOR CONSTRUCTION

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

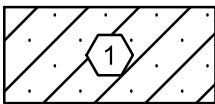
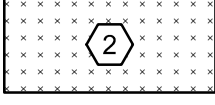
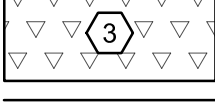
(SEE SHEET C18)
MATCHLINE STA. 84+00



PLACERVILLE DRIVE

STATION RANGE - STA 84+00 TO STA 88+00

DEMOLITION LEGEND

SYMBOL	DESCRIPTION	QTY
	2.0" COLD PLANE AC	
	REMOVE BASE AND SURFACING	
	ROADWAY EXCAVATION	
	ABANDON STORM DRAIN PIPE IN PLACE	
	REMOVE STORM DRAIN PIPE	
	REMOVE FRAME & GRATE	
	REMOVE DRAINAGE STRUCTURE	
	CUT & CAP (E)PIPE (SEE DETAIL 2 ON SHEET C06)	

PROTECTION KEYNOTES:

KEY NOTE	DESCRIPTION
	ADJUST UTILITY TO GRADE - (E)WATER VALVE

PROTECTION KEYNOTES:

KEY NOTE	DESCRIPTION
	PROTECT IN PLACE (E)WATER UTILITY
	PROTECT IN PLACE (E)MAILBOX
	PROTECT IN PLACE (E)UTILITY POLE

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
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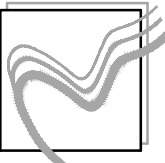
ENGINEER'S STAMP



DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: VGM/KCS/SDM/GVR
REVIEWER: JMF

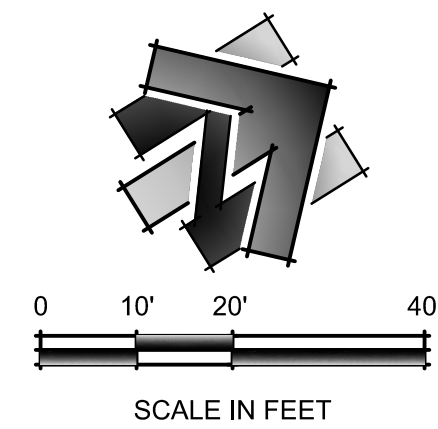
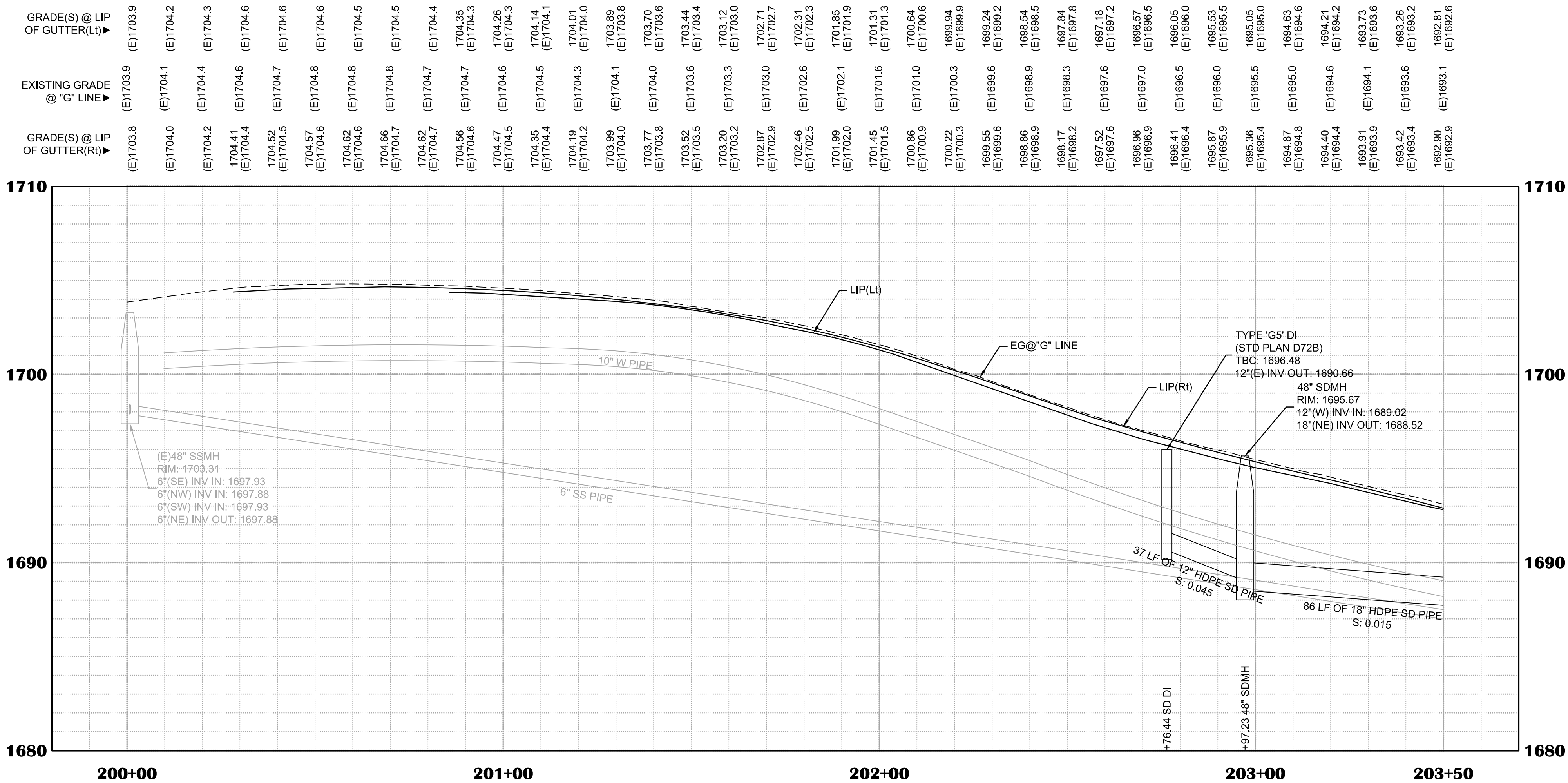
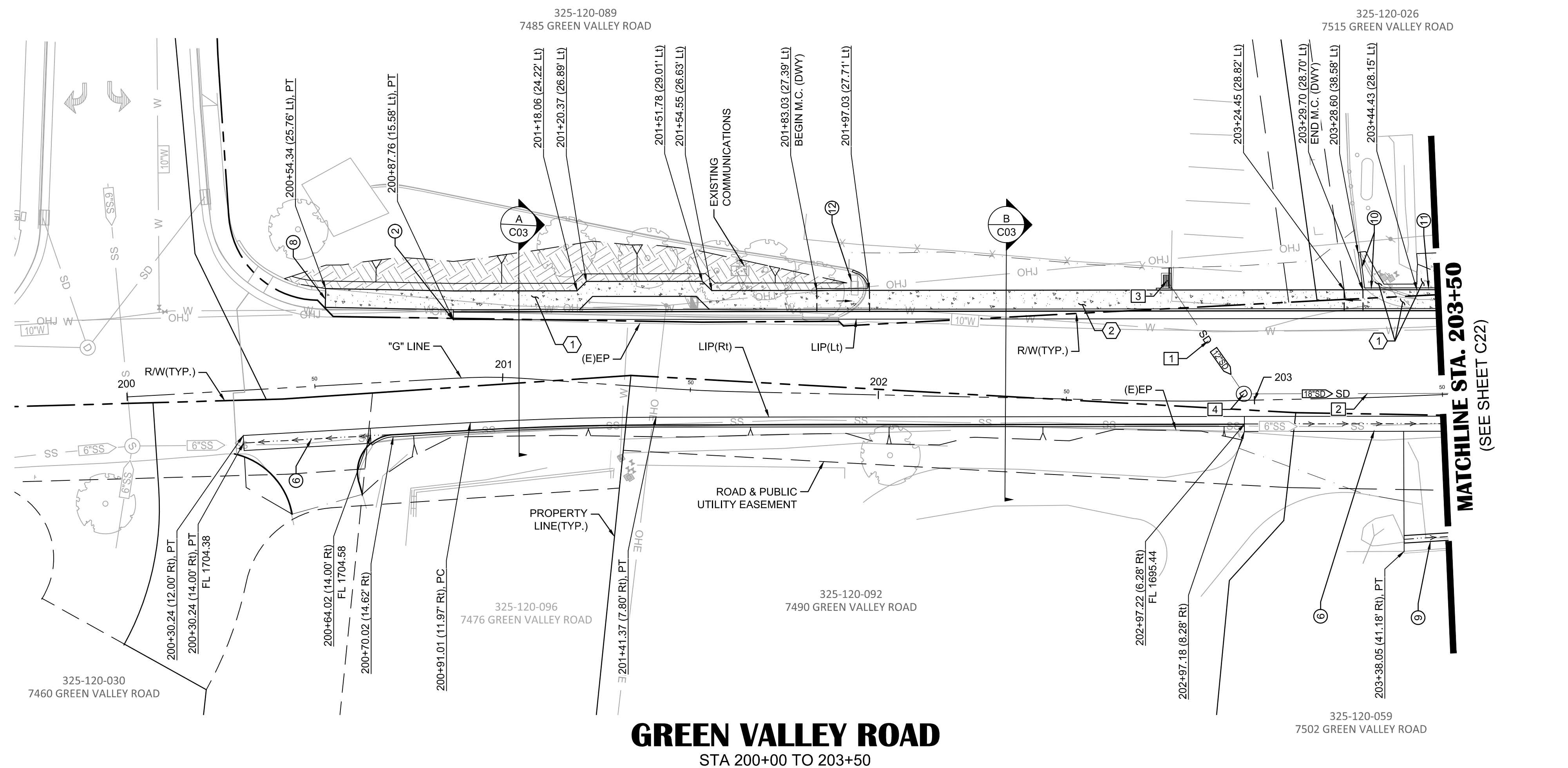
PROJECT NO.
CIP# 41816
SHEET NO. **C19** OF **C66**



R.E.Y. ENGINEERS, INC.
Civil Engineers / Land Surveyors / Remote Sensing
900 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax (916) 366-3303

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
DEMOLITION PLAN
PLACERVILLE DRIVE - STA 84+00 TO 88+00
CITY OF PLACERVILLE
CALIFORNIA

CHECKED BY: DATE:
NO. REVISION DESCRIPTION:
100% SUBMITTAL
NOT FOR CONSTRUCTION

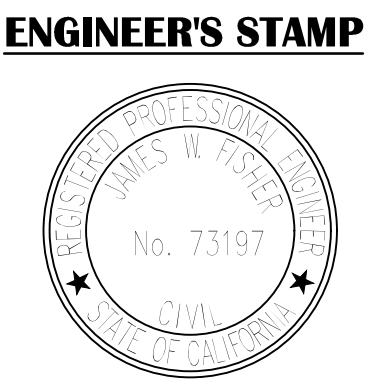


SHEET LEGEND	
SYMBOL	DESCRIPTION
	4.0\"/>
	6.0\"/>
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
②	CONFORM TO (E)CURB & GUTTER
③	4' WIDE MINOR CONCRETE (VALLEY GUTTER) (SEE DETAIL 3, SHEET C06)
④	CONFORM TO (E)SIDEWALK
⑤	2' WIDE MINOR CONCRETE (VALLEY GUTTER) (SEE DETAIL 3, SHEET C06)
⑥	MINOR CONCRETE (CURB - TYPE B) (SEE DETAIL 7, SHEET C06)
⑦	MINOR CONCRETE (CURB - TYPE C) (SEE DETAIL 8, SHEET C06)
⑧	RELOCATE (E)MAILBOX

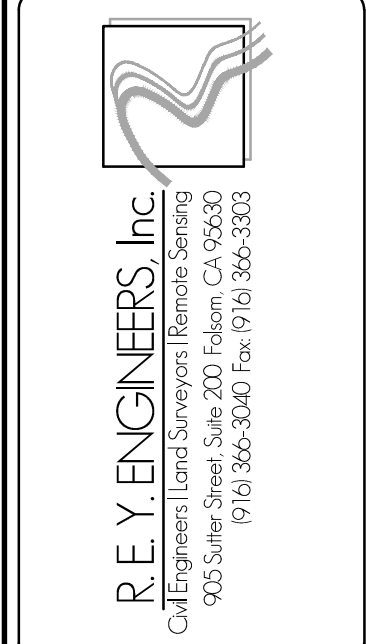
DRAINAGE KEYNOTES:	
KEY NOTE	DESCRIPTION
1	12" HDPE SD PIPE
2	18" HDPE SD PIPE
3	STA 202+76.44 (32.01' Lt) DRAINAGE INLET (TYPE G5) TBC: 1696.48 12"(E) INV OUT: 1690.66
4	STA 202+97.23 (1.72' Lt) 48" SDMH

- ### **SHEET NOTES:**
-
1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 2. STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "G" LINE, UNLESS OTHERWISE NOTED.
 3. REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "G" LINE ALIGNMENT DATA.
 4. SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
		100% SUBMITTAL NOT FOR CONSTRUCTION		

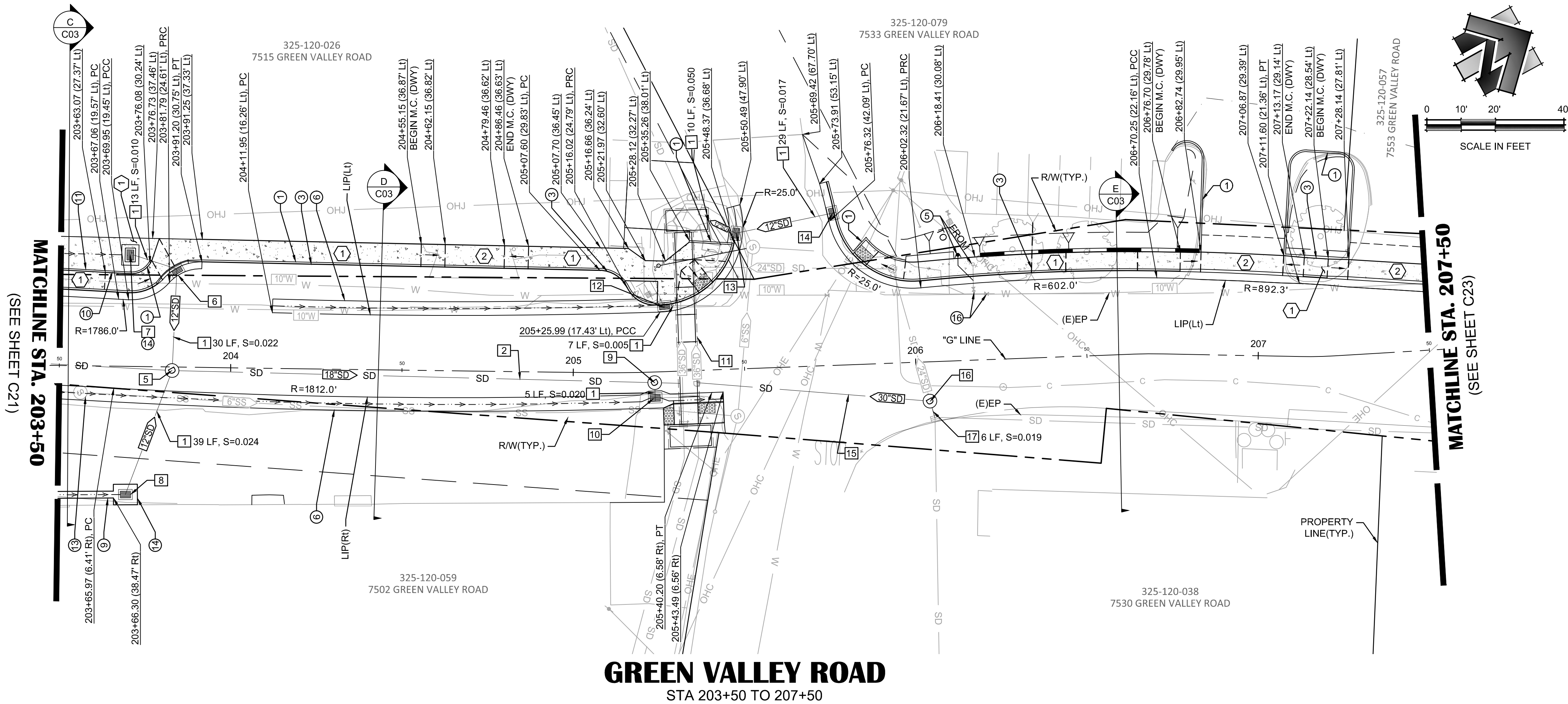
DRAWING SCALE
 HOR. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'



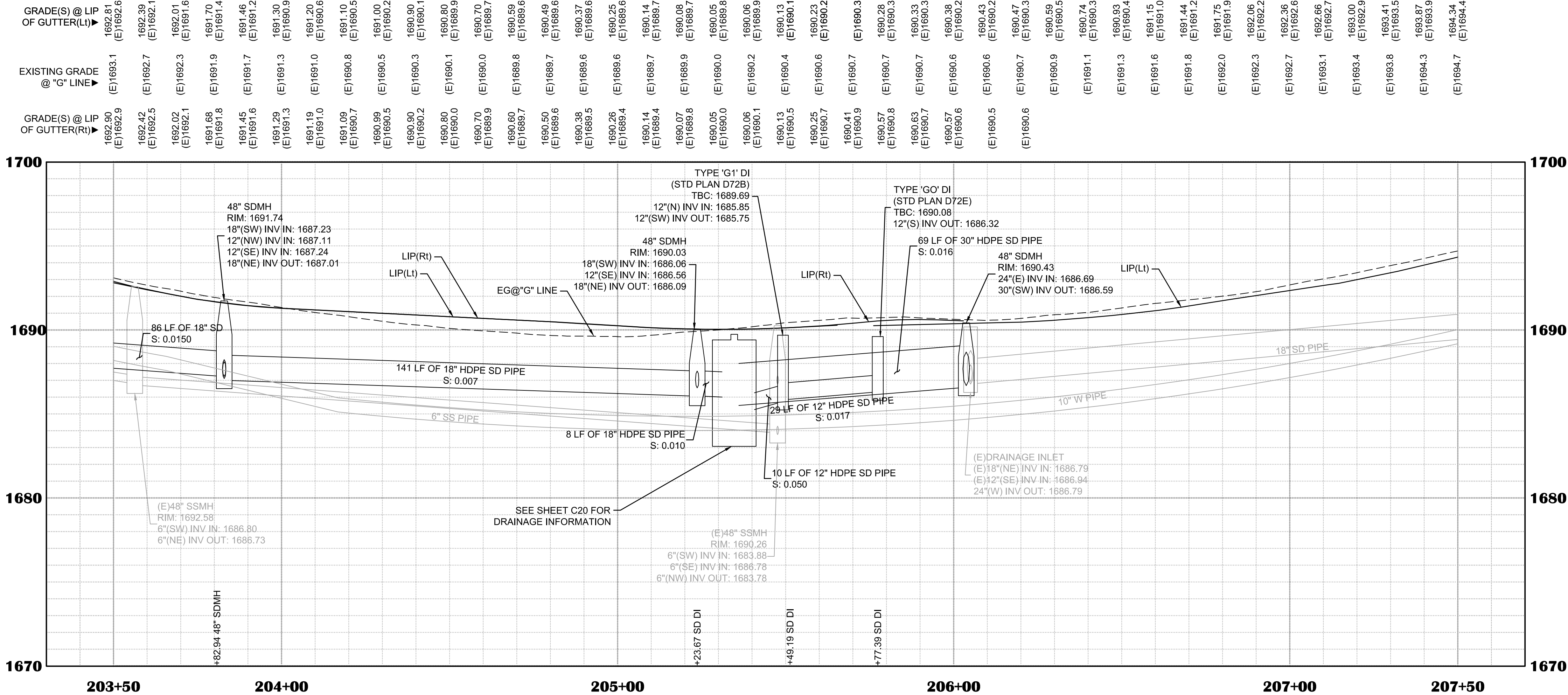
**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES**

**LAYOUT PLAN & PROFILE
GREEN VALLEY ROAD - STA 200+00 TO 203+50
CITY OF PLACERVILLE CALIFORNIA**

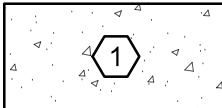
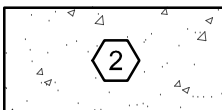
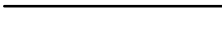
DRAWING INFO	
DATE:	10-08-2025
DRAFTER:	JCQ/GVR/SDM
DESIGNER:	VGM/JCQ/SDM/GVR
REVIEWER:	JWF



GREEN VALLEY ROAD
STA 203+50 TO 207+50



SHEET LEGEND

SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CAL TRANS TYPE A2-6, STD. PLAN A87A)
	RETAINING WALL (SEE RETAINING WALL DETAILS, SHEETS S01 THRU S09)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:

KEY NOTE	DESCRIPTION
1	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
3	UNDER SIDEWALK DRAIN (SEE DETAIL 10, SHEET C07)
5	RELOCATE (E)FIRE HYDRANT
6	4' WIDE MINOR CONCRETE (VALLEY GUTTER) (SEE DETAIL 3, SHEET C06)
9	2' WIDE MINOR CONCRETE (VALLEY GUTTER) (SEE DETAIL 3, SHEET C06)
10	MINOR CONCRETE (CURB - TYPE B) (SEE DETAIL 7, SHEET C06)
11	MINOR CONCRETE (CURB - TYPE C) (SEE DETAIL 8, SHEET C06)
13	REMOVE CONE OF (E)48\"/>
14	DI WITH CONCRETE COLLAR (SEE DETAIL 14, SHEET C08)

DRAINAGE KEYNOTES:

KEY NOTE	DESCRIPTION	KEY NOTE	DESCRIPTION
1	12\"/>	10	STA 205+23.66 (7.55' Rt) DRAINAGE INLET (TYPE G1) TBC: 1690.49 12\"/>
2	18\"/>	11	SEE SHEET C20 FOR DEBBIE LN DRAINAGE INFORMATION
5	STA 203+82.94 (1.03' Rt) 48\"/>	12	STA 205+27.31 (19.17' Lt) DRAINAGE INLET (TYPE GO) TBC: 1690.37 12\"/>
6	STA 203+83.90 (28.27' Lt) DRAINAGE INLET (TYPE G5) TBC: 1691.60 12\"/>	13	STA 205+49.19 (39.44' Lt) DRAINAGE INLET (TYPE G1) TBC: 1690.16 12\"/>
7	STA 203+71.99 (32.53' Lt) DRAINAGE INLET (TYPE G1) TBC: 1691.83 12\"/>	14	STA 205+77.39 (44.42' Lt) DRAINAGE INLET (TYPE GO) TBC: 1690.08 12\"/>
8	STA 203+69.78 (37.40' Rt) DRAINAGE INLET (TYPE G1) TBC: 1692.62 12\"/>	15	30\"/>
9	STA 205+23.67 (3.11' Rt) 48\"/>	16	STA 206+03.73 (11.50' Rt) 48\"/>
		17	24\"/>

SHEET NOTES:

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- REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "G" LINE ALIGNMENT DATA.
- SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.

ENGINEER'S STAMP



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
LAYOUT PLAN & PROFILE
GREEN VALLEY ROAD - STA 203+50 TO 207+50
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 10-08-2025
DRAFTER: JCOGVA/RSOM
DESIGNER: VGM/CO/SDM/GWR
REVIEWER: JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C22** of **C66**

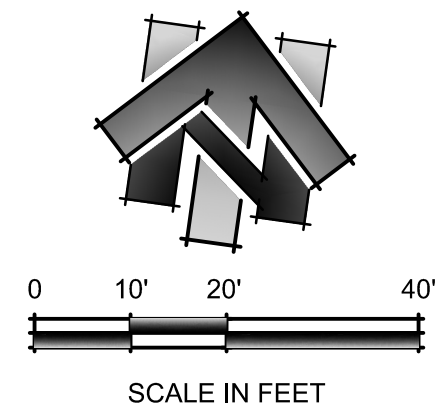
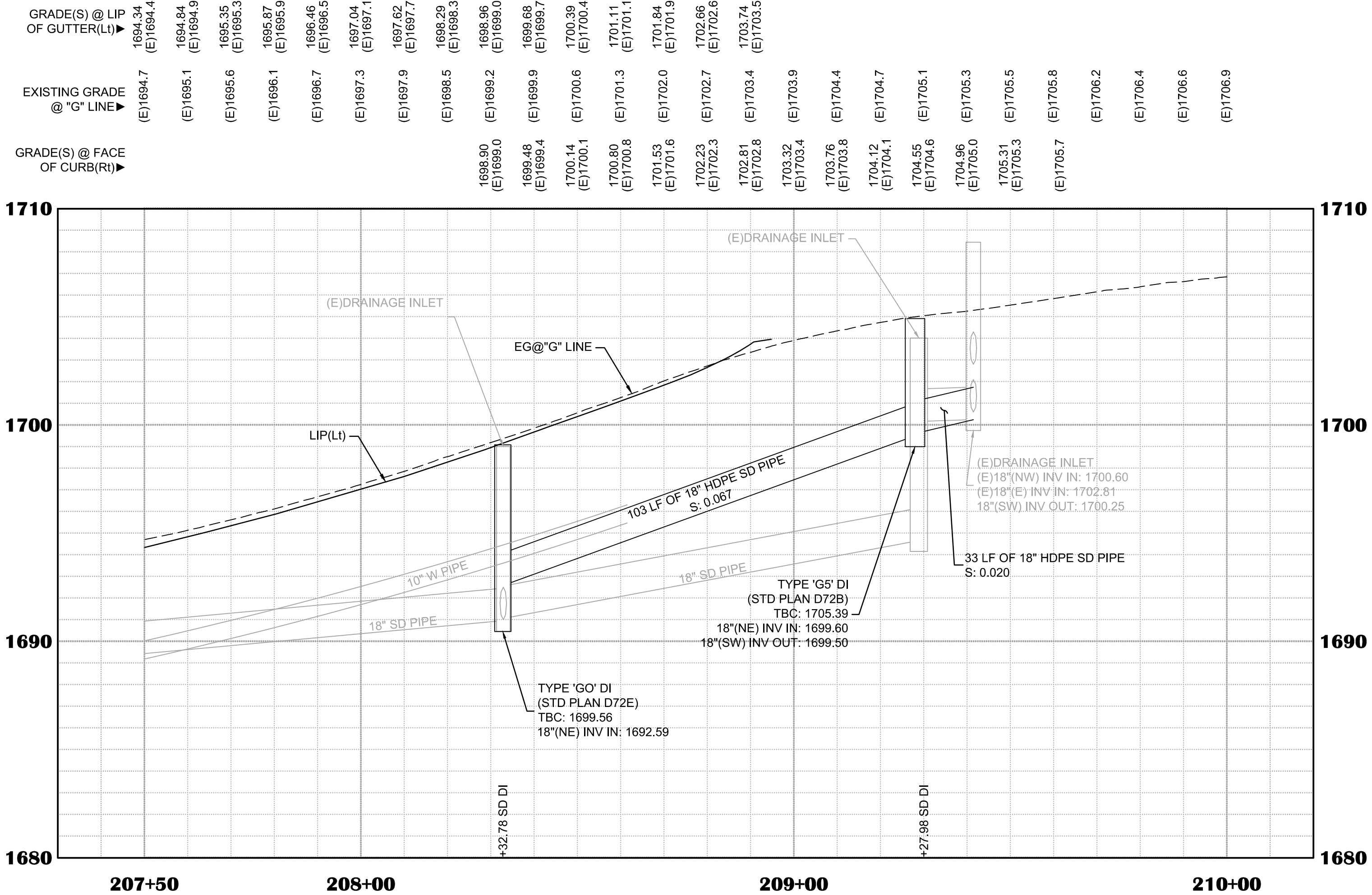
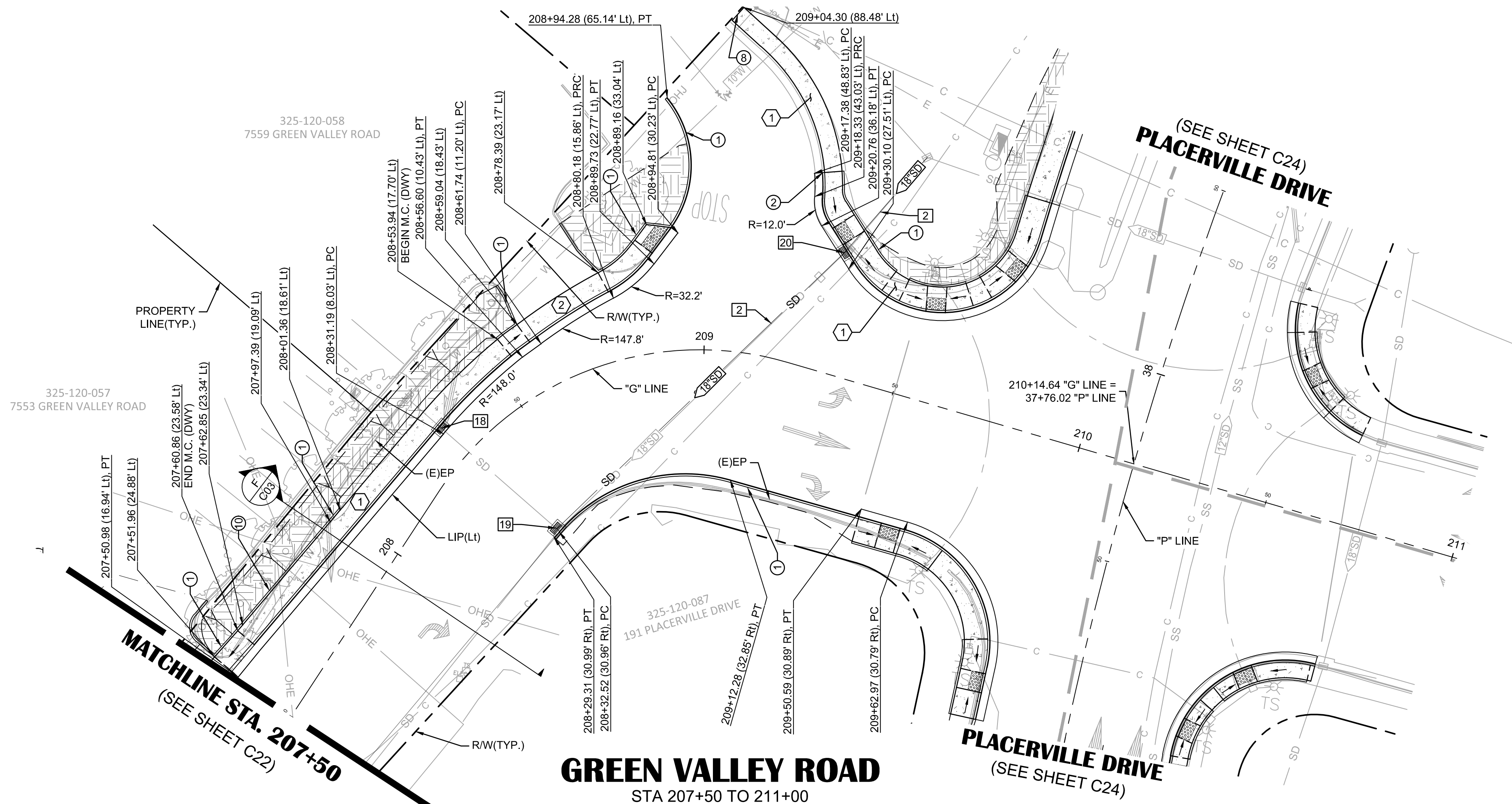


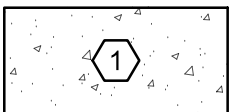
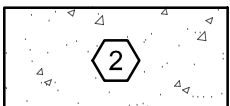
R.E. Y. ENGINEERS, Inc.
Civil Engineers / Land Surveyors / Remote Sensing
900 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax: (916) 366-3303

DRAWING SCALE
HOR. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

100% SUBMITTAL
NOT FOR CONSTRUCTION

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE



SHEET LEGEND	
SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
②	CONFORM TO (E)CURB & GUTTER
⑧	CONFORM TO (E)SIDEWALK
⑩	MINOR CONCRETE (CURB - TYPE B) (SEE DETAIL 7, SHEET C06)

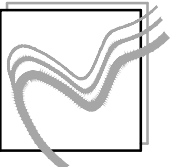
<u>DRAINAGE KEYNOTES:</u>	
KEY	DESCRIPTION
	STA 208+31.85 (9.67' Lt) DRAINAGE INLET (TYPE GO) TBC: 1699.43
18	
	STA 208+32.78 (29.96' Rt) DRAINAGE INLET (TYPE GO) TBC: 1699.56 18"(NE) INV IN: 1692.59
19	
	STA 209+27.98 (31.39' Lt) DRAINAGE INLET (TYPE G5) TBC: 1705.39 18"(NE) INV IN: 1699.60 18"(SW) INV OUT: 1699.50
20	

- SHEET NOTES:**
-
1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 2. STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "G" LINE, UNLESS OTHERWISE NOTED.
 3. REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "G" LINE ALIGNMENT DATA.
 4. SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.



NO.	REVISION DESCRIPTION	CHECKED BY	DATE
	100% SUBMITTAL		
	NOT FOR CONSTRUCTION		

DRAWING SCALE
 HOR. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'



R. E. Y. ENGINEERS, Inc.
Civil Engineers | Land Surveyors | Remote Sensing
905 Sutter Street, Suite 200 Folsom, CA 95630
(916) 366-3040 Fax (916) 366-3303

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

LAYOUT PLAN & PROFILE

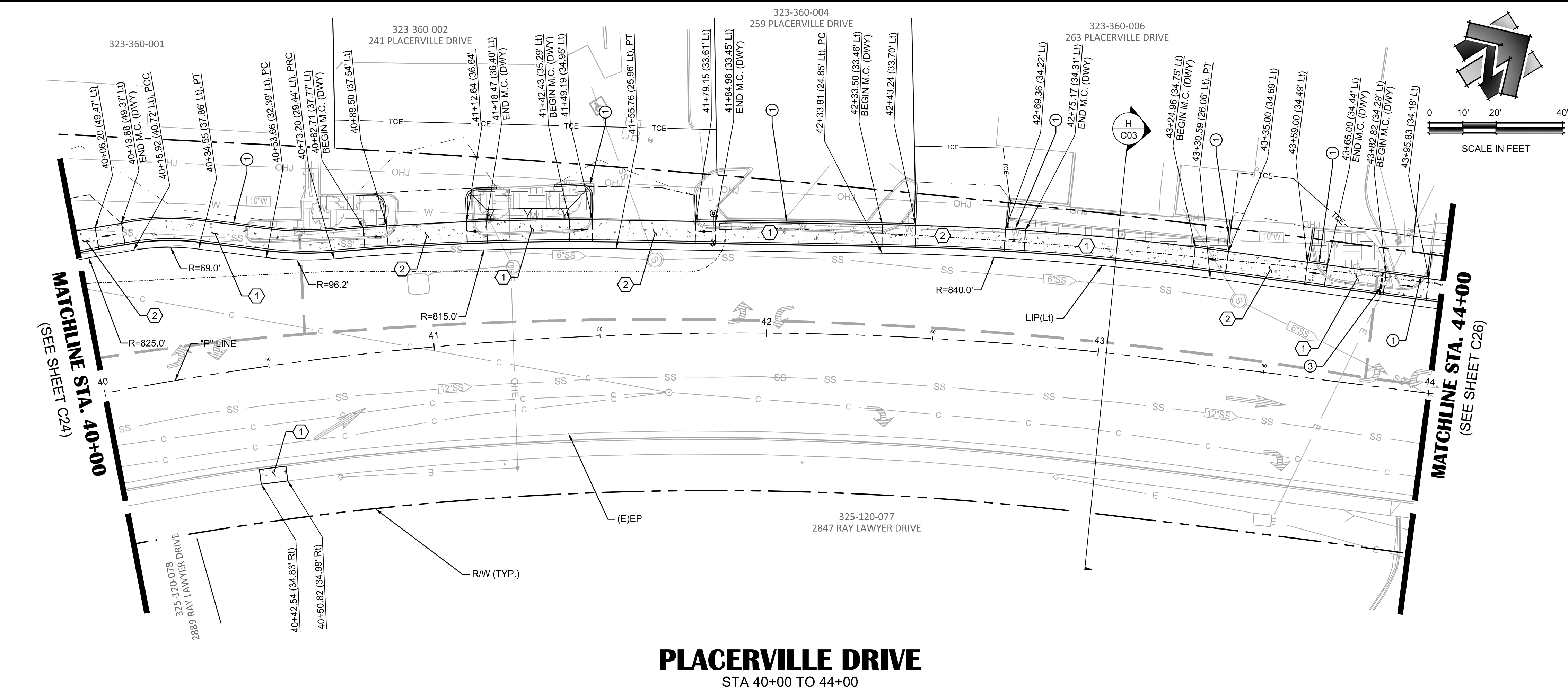
GREEN VALLEY ROAD - STA 207+50 TO 210+00

CITY OF PLACERVILLE CALIFORNIA

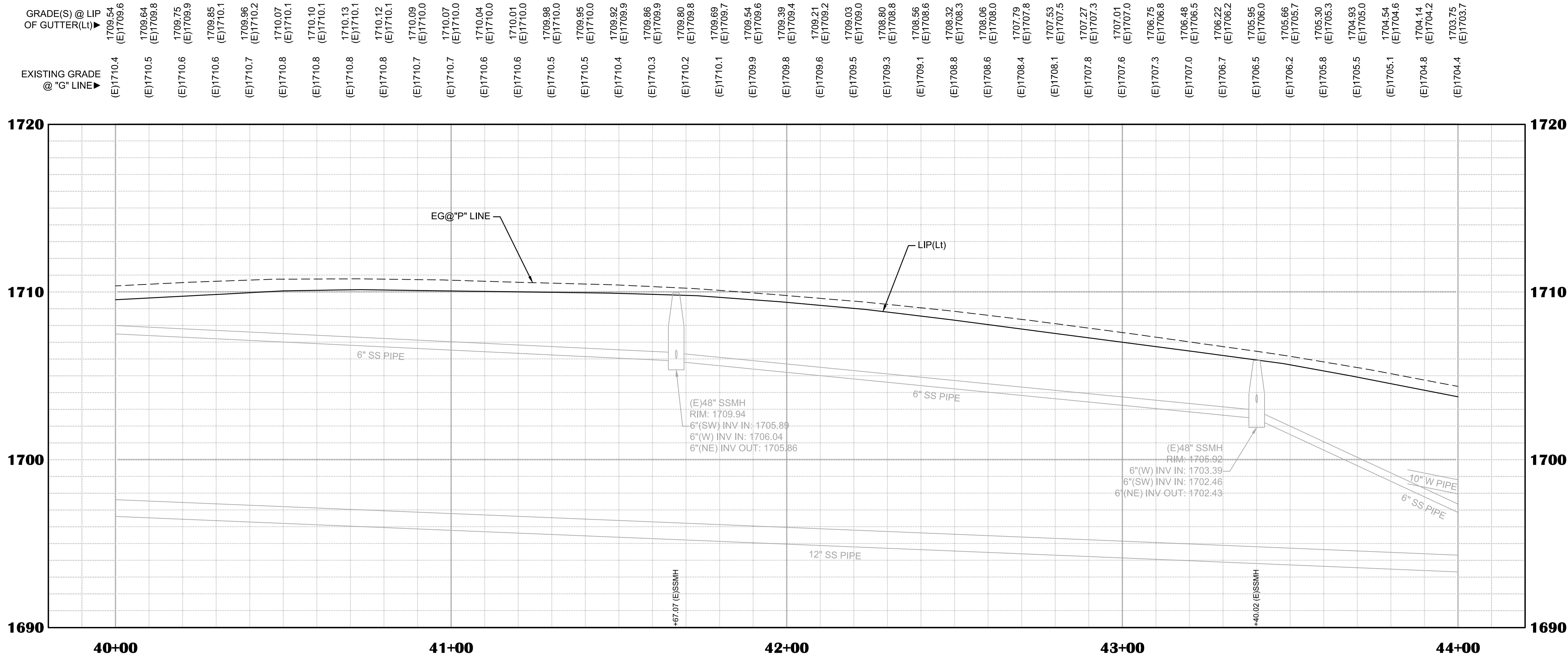
DRAWING INFO
 DATE: 10-08-2025
 DRAFTER: JCC/GVR/SDM
 DESIGNER: VGM/JCC/SDM/GVR
 REVIEWER: JWF

PROJECT NO.
CIP# 41816

SHEET NO. **C23** OF **C66**



PLACERVILLE DRIVE
STA 40+00 TO 44+00



SHEET LEGEND

SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:

KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
③	UNDER SIDEWALK DRAIN (SEE DETAIL 10, SHEET C07)

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
- STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
- REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
- SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
- SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.



R.E.Y. ENGINEERS, Inc.
Civil Engineers / Land Surveyors / Remote Sensing
905 Sutter Street, Suite 200, Yuba City, CA 95601
(916) 366-3340 Fax: (916) 366-3303

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 40+00 TO 44+00
CITY OF PLACERVILLE CALIFORNIA

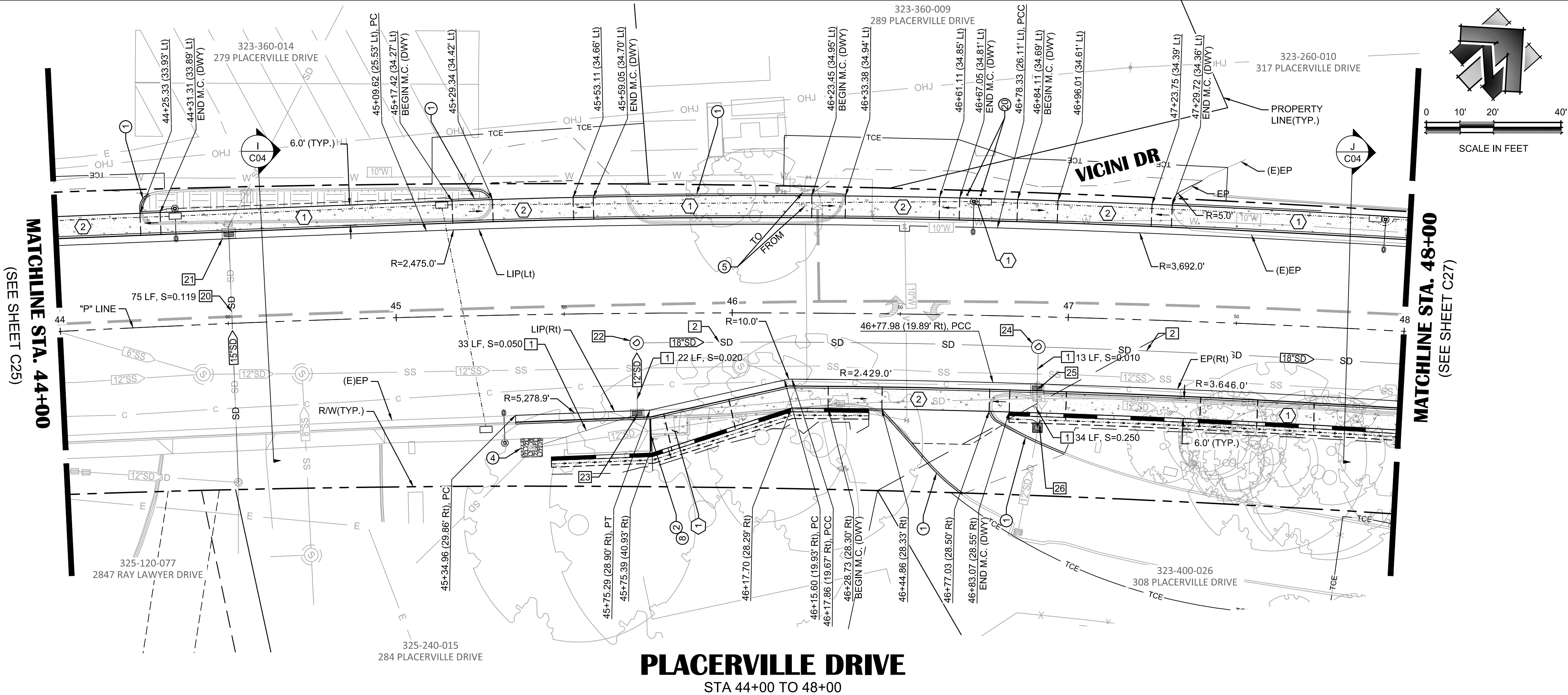
ENGINEER'S STAMP



DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/CO/SDM/GVR
REVIEWER: JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C25** OF **C66**

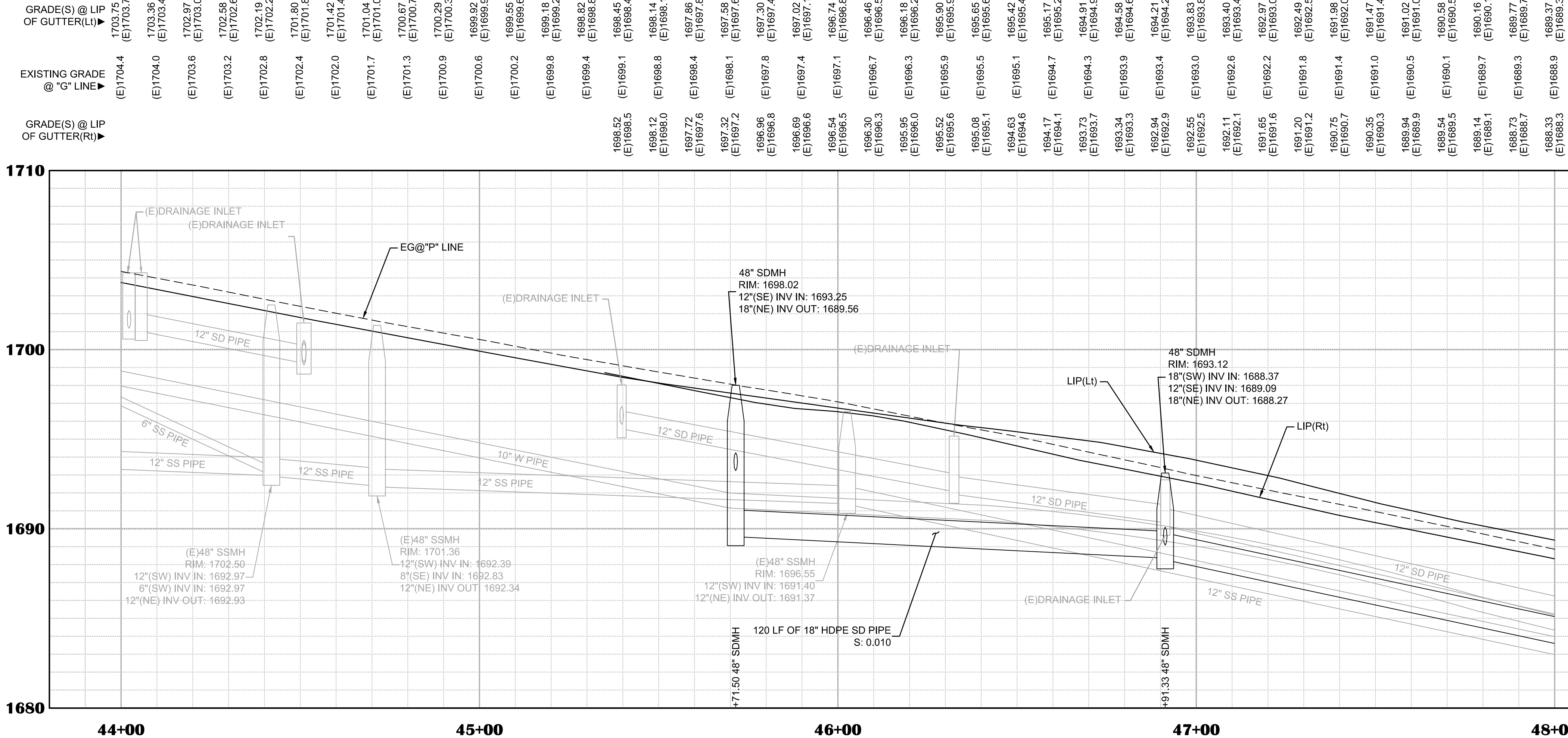


SHEET LEGEND	
SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	TRANSIT STOP (P.C.C.) (SEE PAVING PLAN)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	RETAINING WALL (SEE RETAINING WALL DETAILS, SHEETS S01 THRU S09)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB -TYPE A) (SEE DETAIL 6, SHEET C06)
②	CONFORM TO (E)CURB & GUTTER
④	ROCK BLANKET COLLAR AROUND (E)GRATE (SEE DETAIL 15, SHEET C08)
⑤	RELOCATE FIRE HYDRANT (TO BE PERFORMED BY OTHERS)
⑧	CONFORM TO (E)SIDEWALK
⑳	BOLLARDS SEE DETAIL 25, SHEET C09

DRAINAGE KEYNOTES:	
KEY NOTE	DESCRIPTION
1	12" HDPE SD PIPE
2	18" HDPE SD PIPE
20	15" HDPE SD PIPE
21	STA 44+51.30 (26.79' Lt) DRAINAGE INLET (TYPE GO) TBC: 1702.05 15"(SE) INV IN: 1690.31
22	STA 45+71.50 (8.83' Rt) 48" SDMH
23	STA 45+71.50 (30.06' Rt) DRAINAGE INLET (TYPE GO) TBC: 1697.64 12"(NW) INV OUT: 1693.67
24	STA 46+91.33 (8.99' Rt) 48" SDMH
25	STA 46+91.24 (21.61' Rt) DRAINAGE INLET (TYPE GO) TBC: 1693.23 12"(SE) INV IN: 1691.11 12"(NW) INV OUT: 1689.22
26	STA 46+91.64 (33.03' Rt) 36" OPEN CONCRETE PIPE RIM: 1695.78 12"(NW) INV OUT: 1691.38

- SHEET NOTES:**
- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
 - REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
 - SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
 - SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.



ENGINEER'S STAMP

REGISTERED PROFESSIONAL ENGINEER
JAMES R. FISHER
No. 73197
CIVIL
STATE OF CALIFORNIA

CHECKED BY: _____ DATE: _____

NO REVISION DESCRIPTION

100% SUBMITTAL
NOT FOR CONSTRUCTION

DRAWING SCALE

HOR. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

CITY OF PLACERVILLE

R. E. Y. ENGINEERS, Inc.
Civil Engineers & Land Surveyors (Remote Sensing)
905 Sutter Street, Suite 200, Placerville, CA 95330
(916) 366-3300 Fax: (916) 366-3303

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 44+00 TO 48+00
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/CSO/SDM/GVR
REVIEWER: JWF

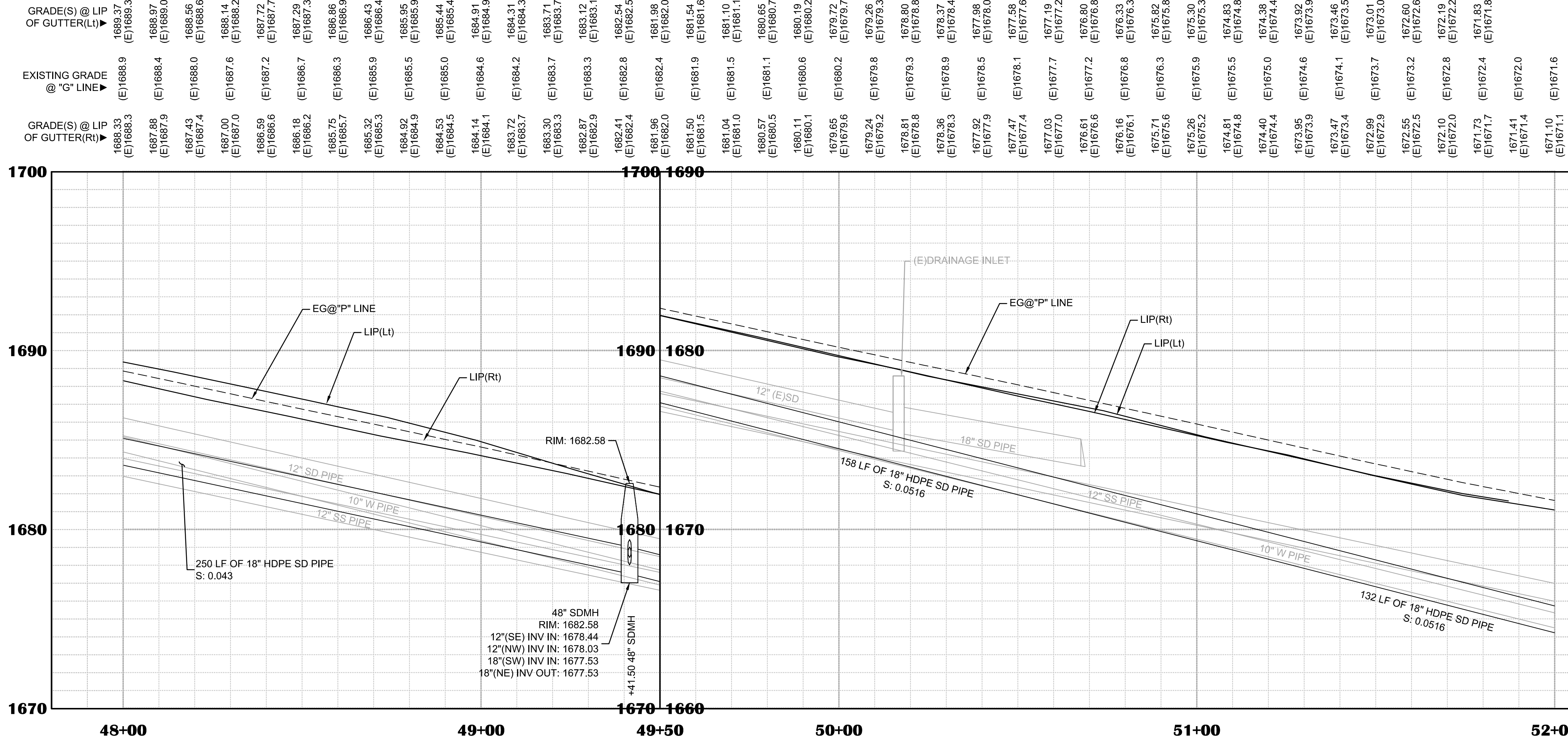
PROJECT NO.
CIP# 41816

SHEET NO. **C26** OF **C66**

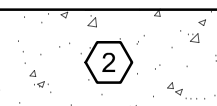
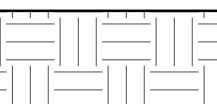
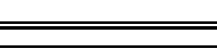
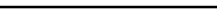
MATCHLINE STA. 48+00
(SEE SHEET C26)

MATCHLINE STA. 52+00
(SEE SHEET C28)

PLACERVILLE DRIVE
STA 48+00 TO 52+00



SHEET LEGEND

SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	EMBANKMENT
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	RETAINING WALL (SEE RETAINING WALL DETAILS, SHEETS S01 THRU S09)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:

KEY NOTE	DESCRIPTION
1	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
9	RELOCATE FIRE HYDRANT (TO BE PERFORMED BY OTHERS)

DRAINAGE KEYNOTES:

KEY NOTE	DESCRIPTION
1	12" HDPE SD PIPE
2	18" HDPE SD PIPE
26	STA 49+41.50 (10.70' Rt) 48" SDMH
27	STA 49+41.50 (25.93' Lt) DRAINAGE INLET (TYPE GO) TBC: 1682.79 12"(SE) INV OUT: 1678.77
28	STA 49+41.50 (23.31' Rt) DRAINAGE INLET (TYPE GO) TBC: 1682.68 12"(NW) INV OUT: 1678.70

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
- STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
- REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
- SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
- SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.

ENGINEER'S STAMP



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 48+00 TO 52+00
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/CSO/SDM/GVR
REVIEWER: JHE

PROJECT NO.
CIP# 41816
SHEET NO. **C27** OF **C66**

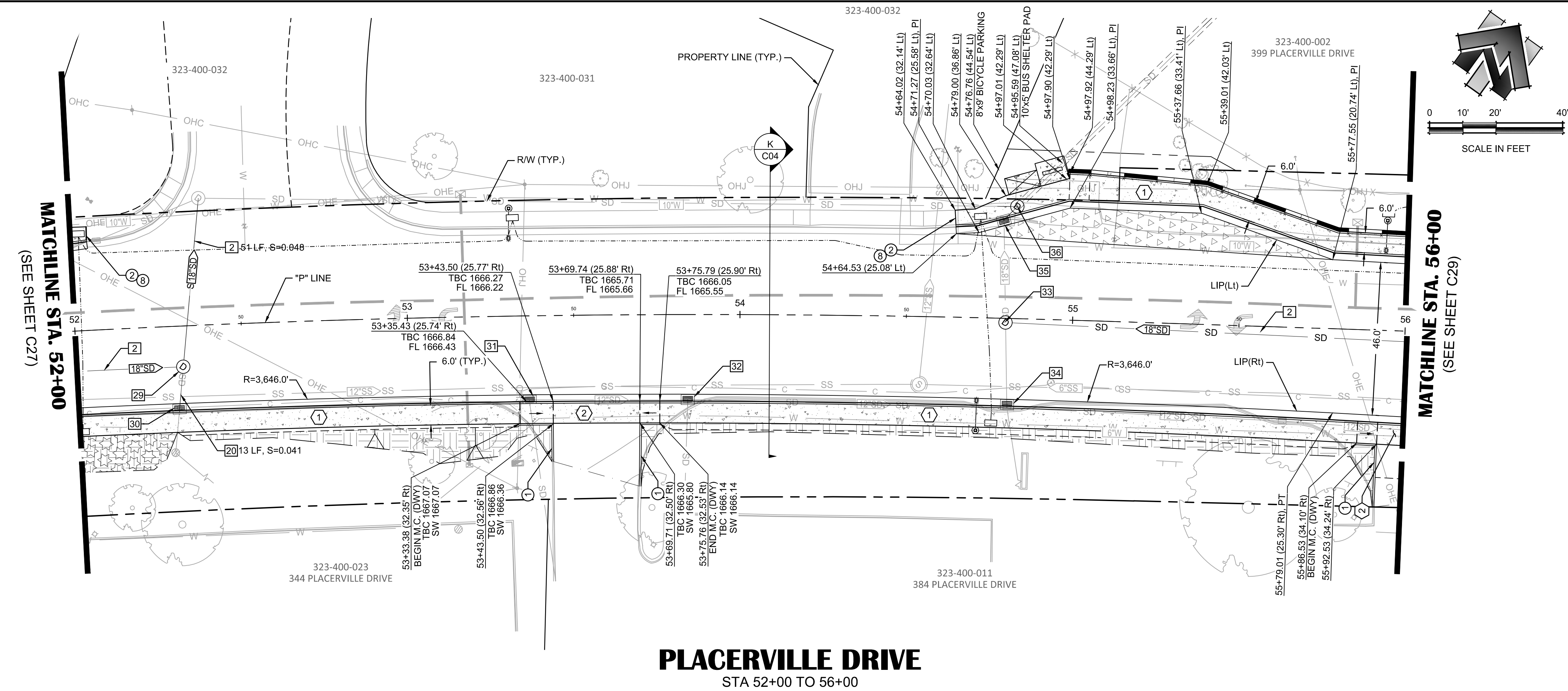


R.E.Y. ENGINEERS, Inc.
Civil Engineers & Land Surveyors (Remote Sensing)
905 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3340 Fax: (916) 366-3303

DRAWING SCALE
HOR. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

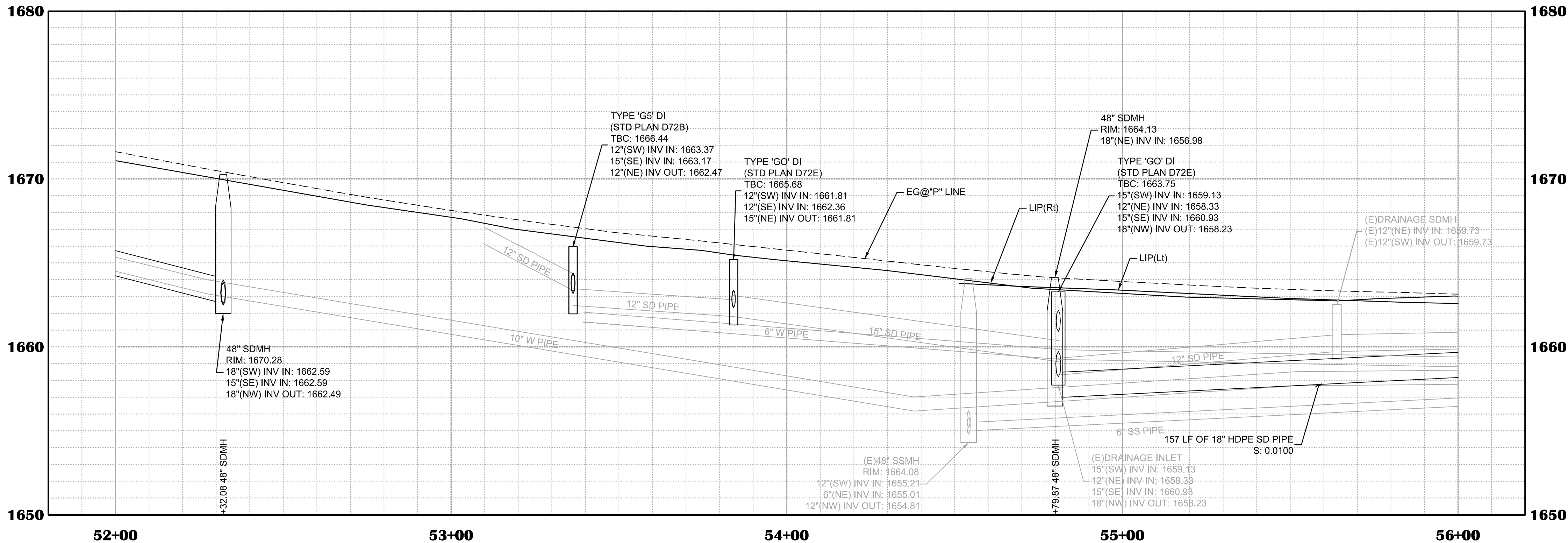
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100% SUBMITTAL
NOT FOR CONSTRUCTION

CHECKED BY DATE

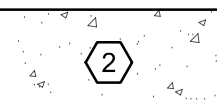
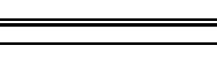


GRADE(S) @ LIP
OF GUTTER(L) ▶

GRADE(S) @ LIP
OF GUTTER(R) ▶



SHEET LEGEND

SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	TRANSIT STOP (P.C.C.) (SEE PAVING PLAN)
	EMBANKMENT
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	RETAINING WALL (SEE RETAINING WALL DETAILS, SHEETS S01 THRU S09)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT
	(E)STORM DRAIN CIPP LINING

CONSTRUCTION KEYNOTES:

KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C06)
②	CONFORM TO (E) CURB & GUTTER
⑧	CONFORM TO (E) SIDEWALK

DRAINAGE KEYNOTES:

KEY NOTE	DESCRIPTION	KEY NOTE	DESCRIPTION
①	12" HDPE SD PIPE	③④	STA 54+80.90 (26.85' Rt) DRAINAGE INLET (TYPE GO) TBC: 1663.75 (E)15'(SW) INV IN: 1659.13 (E)12'(NE) INV IN: 1658.33 (E)15'(SE) INV IN: 1660.93 (E)18'(NW) INV OUT: 1658.23
②	18" HDPE SD PIPE	③⑤	STA 54+78.58 (29.44' Lt) DRAINAGE INLET (TYPE GO) TBC: 1663.75 24'(N) INV OUT: 1655.30
②⑩	15" HDPE SD PIPE	③⑥	STA 54+82.53 (33.69' Lt) 48" SDMH
②⑨	STA 52+32.08 (12.28' Rt) 48" SDMH		
③⑩	STA 52+30.40 (24.90' Rt) DRAINAGE INLET (TYPE GO) TBC: 1670.32 15'(NW) INV OUT: 1663.10		
③①	STA 53+36.32 (25.40' Rt) DRAINAGE INLET (TYPE G5) (FRAME & GRATE ONLY) TBC: 1666.44 (E)12'(SW) INV IN: 1663.37 (E)15'(SE) INV IN: 1663.17 (E)12'(NE) INV OUT: 1662.47		
③②	STA 53+84.16 (25.67' Rt) DRAINAGE INLET (TYPE GO) (FRAME & GRATE ONLY) TBC: 1665.68 (E)12'(SW) INV IN: 1661.81 (E)12'(SE) INV IN: 1662.36 (E)15'(NE) INV OUT: 1661.81		
③③	STA 54+79.87 (1.28' Rt) 48" SDMH		

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
- STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
- REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
- SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
- SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.

ENGINEER'S STAMP



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 52+00 TO 56+00
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/CSO/SDM/GVR
REVIEWER: JWF
PROJECT NO.
CIP# 41816
SHEET NO. **C28** OF **C66**



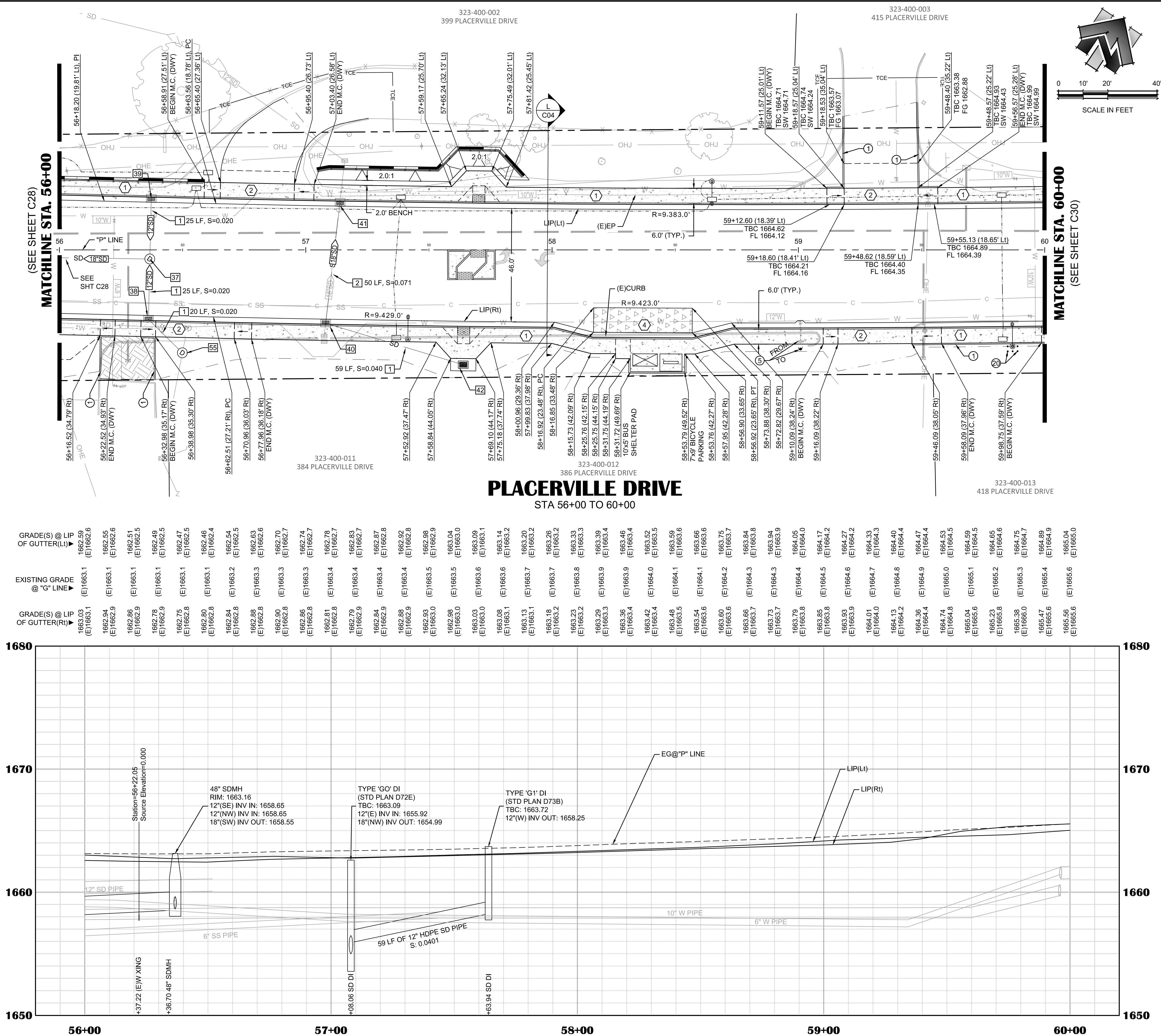
R.E.Y. ENGINEERS, Inc.
Civil Engineers & Land Surveyors (Remote Sensing)
900 Sutter Street, Suite 200, Placerville, CA 95330
(916) 366-3040 Fax: (916) 366-3303

DRAWING SCALE
HOR. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

NO. REVISION DESCRIPTION

CHECKED BY DATE

100% SUBMITTAL
NOT FOR CONSTRUCTION

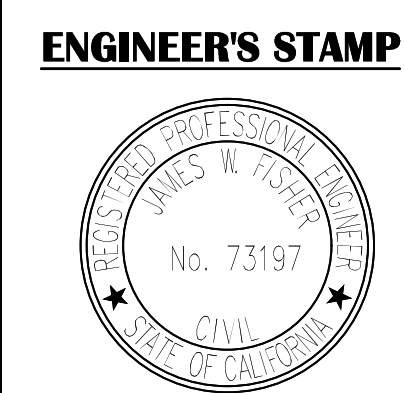


SHEET LEGEND	
SYMBOL	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	TRANSIT STOP (P.C.C.) (SEE PAVING PLAN)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	RETAINING WALL (SEE RETAINING WALL DETAILS, SHEETS S01 THRU S09)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

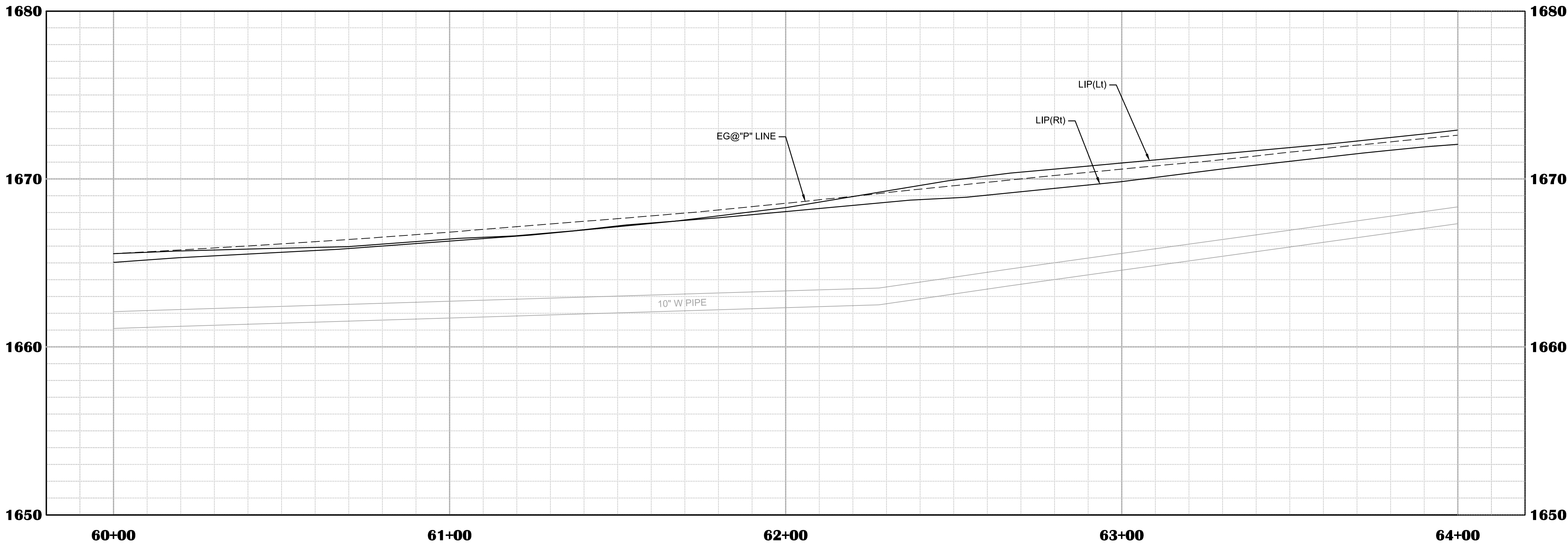
CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB) (SEE DETAIL 6, SHEET C06)
⑤	RELOCATE FIRE HYDRANT (TO BE PERFORMED BY OTHERS)
②⑥	BOLLARDS SEE DETAIL 25, SHEET C09

DRAINAGE KEYNOTES:	
KEY NOTE	DESCRIPTION
①	12" HDPE SD PIPE
②	18" HDPE SD PIPE
③7	STA 56+36.70 (3.71" Rt) 48" SDMH
③8	STA 56+36.14 (28.24" Rt) DRAINAGE INLET (TYPE G5) TBC: 1663.09 12"(E) INV IN: 1659.14 12"(NW) INV OUT: 1659.14
③9	STA 56+37.27 (21.00" Lt) DRAINAGE INLET (TYPE GO) TBC: 1662.81 12"(SE) INV OUT: 1659.14
④0	STA 57+08.06 (29.77" Rt) DRAINAGE INLET (TYPE GO) TBC: 1663.09 12"(E) INV IN: 1655.92 18"(NW) INV OUT: 1654.99
④1	STA 57+13.84 (19.39" Lt) DRAINAGE INLET (TYPE GO) TBC: 1663.15 18"(SE) INV IN: 1651.50
④2	STA 57+63.94 (46.61" Rt) DRAINAGE INLET (TYPE G1) TBC: 1664.19 12"(W) INV OUT: 1658.25
⑤5	STA 56+49.91 (41.78" Rt) 48" SDMH

SHEET NOTES:	
1.	QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
2.	STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
3.	REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
4.	SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
5.	SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.



NO REVISION DESCRIPTION		CHECKED BY	DATE
100% SUBMITTAL NOT FOR CONSTRUCTION			
DRAWING SCALE HOR. SCALE: 1" = 20' VERT. SCALE: 1" = 4'			
R.E.Y. ENGINEERS, Inc. Civil Engineers / Land Surveyors / Remote Sensing 905 Sutter Street, Suite 200, Yuba City, CA 95603 (916) 366-3300 Fax: (916) 366-3303			
IMPROVEMENT PLANS FOR: PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES			
LAYOUT PLAN & PROFILE PLACERVILLE DRIVE - STA 56+00 TO 60+00			
CITY OF PLACERVILLE CALIFORNIA			
DRAWING INFO DATE: 10-08-2025 DRAFTER: JCG/GVR/SDM DESIGNER: JGM/CSO/SDM/GVR REVIEWER: JWF			
PROJECT NO. CIP# 41816 SHEET NO. C29 OF C66			



GRADE(S) @ LIP
OF GUTTER(Lt) ▶

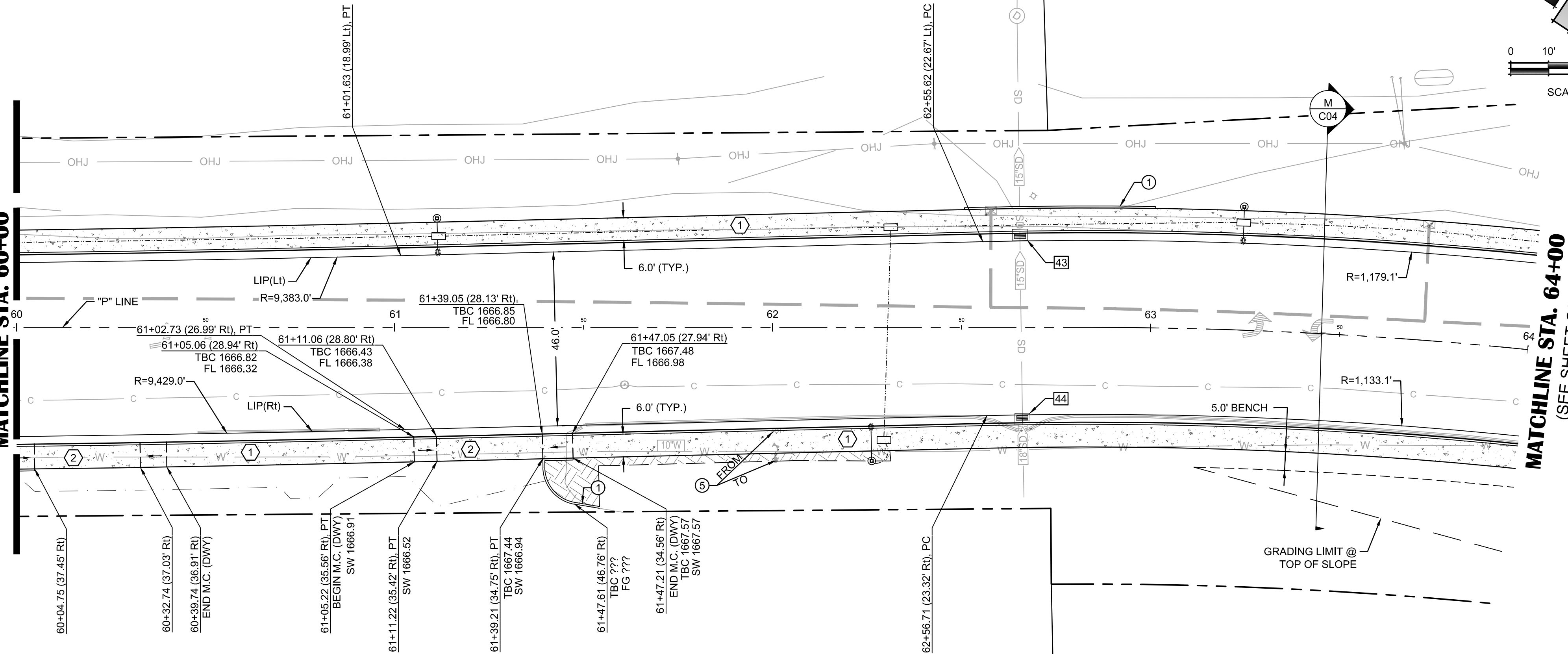
EXISTING GRADE
@ "G" LINE ▶

GRADE(S) @ LIP
OF GUTTER(Rt) ▶

1665.56 (E)1665.6	1665.84 (E)1665.8	1665.72 (E)1665.8	1665.77 (E)1665.8	1665.83 (E)1665.9	1665.88 (E)1665.3	1665.93 (E)1666.4	1665.98 (E)1666.5	1666.13 (E)1666.6	1666.28 (E)1666.8	1666.43 (E)1666.4	1666.53 (E)1666.5	1666.62 (E)1666.6	1666.80 (E)1666.6	1666.88 (E)1666.8	1666.98 (E)1667.0	1667.21 (E)1667.4	1667.39 (E)1667.9	1667.54 (E)1668.0	1667.69 (E)1668.2	1667.88 (E)1668.4	1668.06 (E)1668.5	1668.24 (E)1668.7	1668.43 (E)1668.9	1668.61 (E)1669.1	1668.77 (E)1669.3	1668.88 (E)1669.4	1669.04 (E)1669.6	1669.25 (E)1669.2	1669.45 (E)1669.4	1669.65 (E)1669.6	1669.85 (E)1669.8	1670.10 (E)1670.1	1670.35 (E)1670.4	1670.61 (E)1670.6	1670.83 (E)1670.8	1671.06 (E)1671.0	1671.28 (E)1671.3	1671.51 (E)1671.5	1671.71 (E)1671.7	1671.91 (E)1671.9	1672.07 (E)1672.1
1665.04 (E)1665.0	1665.18 (E)1665.2	1665.32 (E)1665.3	1665.44 (E)1665.4	1665.54 (E)1665.5	1665.64 (E)1665.6	1665.75 (E)1665.7	1665.87 (E)1665.9	1666.01 (E)1666.0	1666.16 (E)1666.1	1666.31 (E)1666.3	1666.45 (E)1666.4	1666.60 (E)1666.6	1666.77 (E)1666.8	1666.97 (E)1666.9	1667.16 (E)1667.1	1667.36 (E)1667.3	1667.57 (E)1667.6	1667.81 (E)1667.8	1668.06 (E)1668.1	1668.30 (E)1668.3	1668.63 (E)1668.7	1668.96 (E)1669.0	1669.29 (E)1669.3	1669.62 (E)1669.7	1669.94 (E)1670.0	1670.19 (E)1670.2	1670.41 (E)1670.5	1670.59 (E)1670.7	1670.77 (E)1670.8	1670.96 (E)1671.0	1671.14 (E)1671.2	1671.32 (E)1671.3	1671.51 (E)1671.5	1671.69 (E)1671.7	1671.87 (E)1671.8	1672.06 (E)1672.1	1672.26 (E)1672.3	1672.48 (E)1672.5	1672.69 (E)1672.7	1672.92 (E)1673.0	

(SEE SHEET C29)

MATCHLINE STA. 60+00



PLACERVILLE DRIVE STA 60+00 TO 64+00

SHEET LEGEND

SYMBOL	DESCRIPTION
	4.0\" P.C.C. / 4.0\" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0\" P.C.C. / 2.0\" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:

KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB) (SEE DETAIL 6, SHEET C06)
⑤	RELOCATE FIRE HYDRANT (TO BE PERFORMED BY OTHERS)

DRAINAGE KEYNOTES:

KEY NOTE	DESCRIPTION
①	12" HDPE SD PIPE
②	18" HDPE SD PIPE
④3	STA 62+65.46 (24.48' Lt) DRAINAGE INLET (TYPE GO) TBC: 1670.48
④4	STA 62+66.11 (24.26' Rt) DRAINAGE INLET (TYPE GO) TBC: 1669.54

SHEET NOTES:

- QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
- STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
- REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
- SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
- SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.

ENGINEER'S STAMP



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 60+00 TO 64+00
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE: 10-08-2025
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/CO/SDM/GVR
REVIEWER: JWE

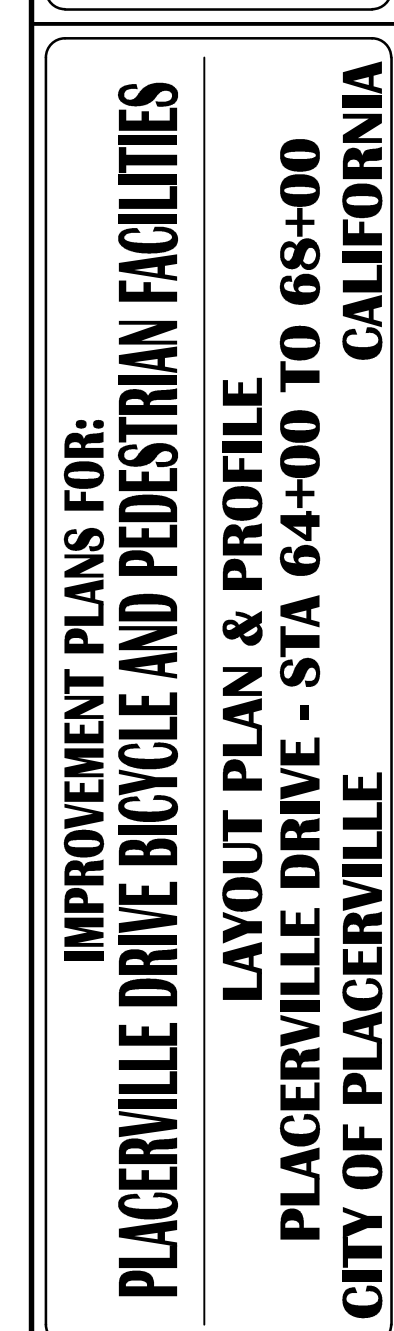
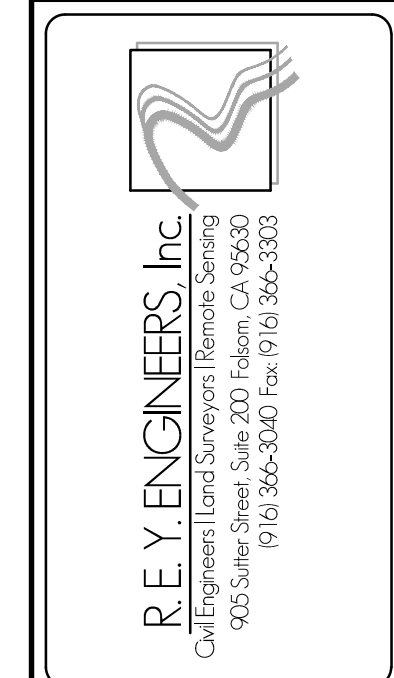
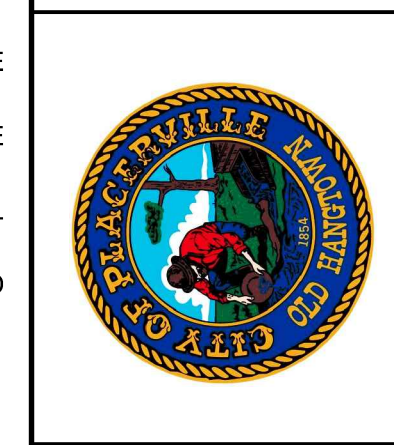
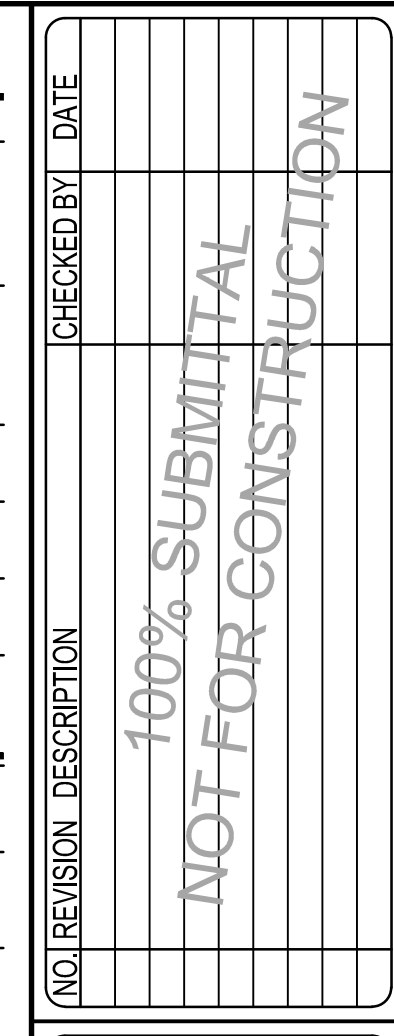
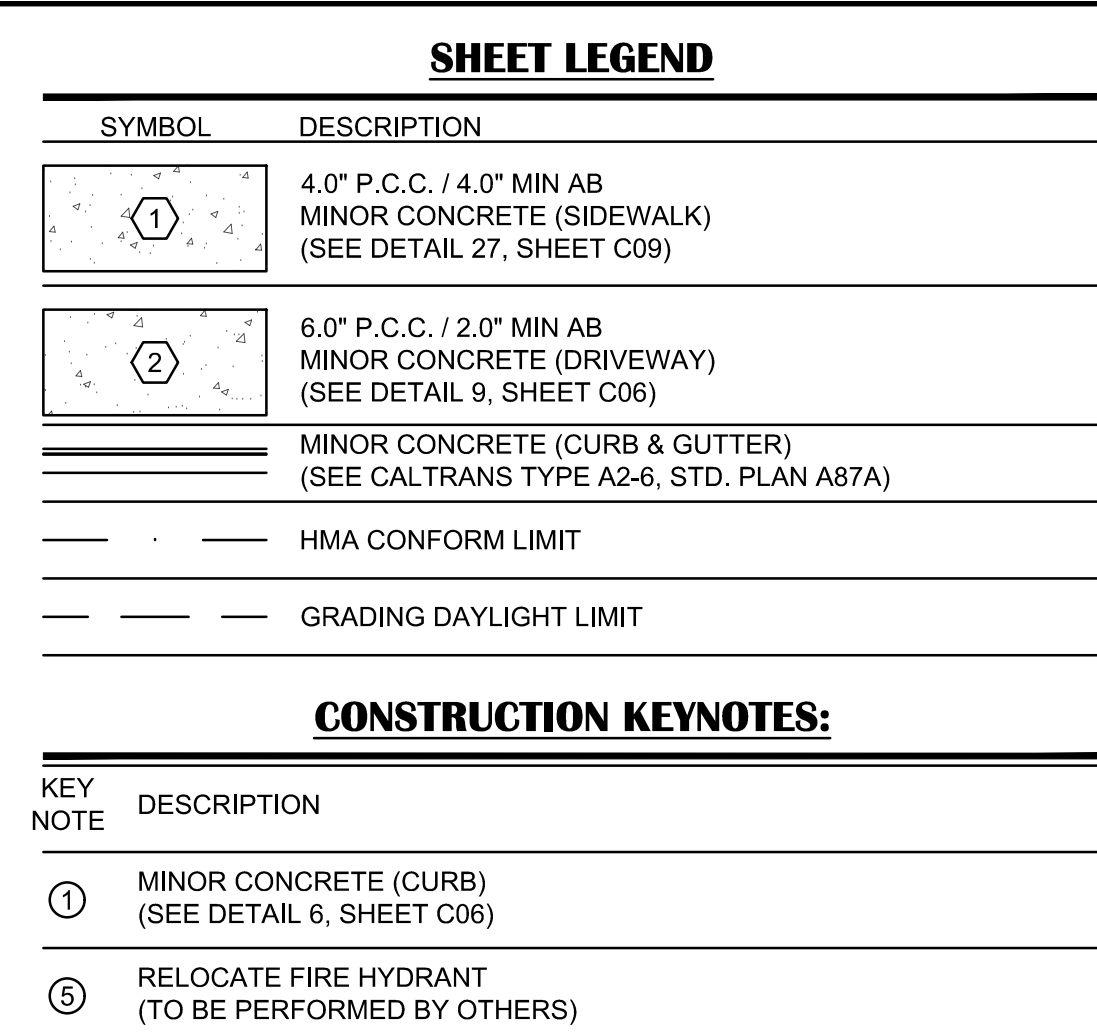
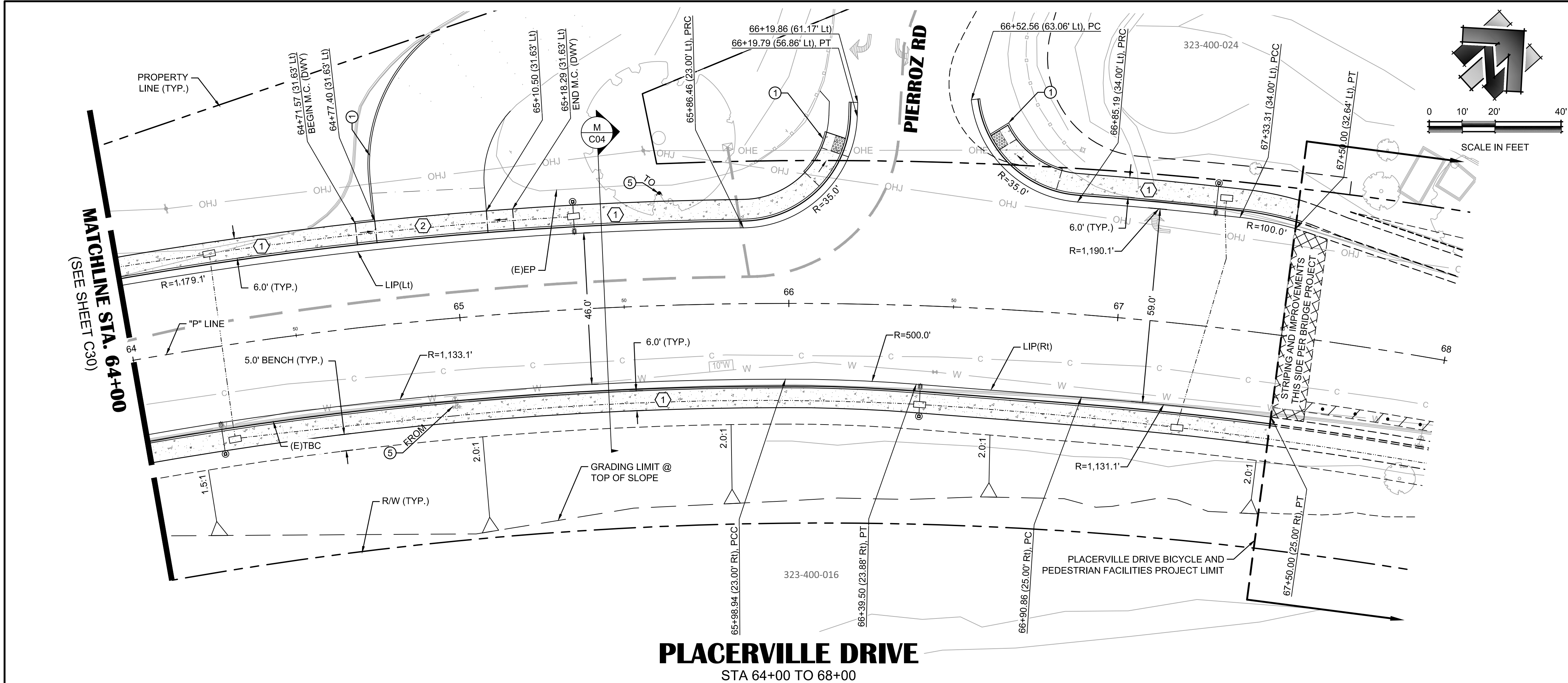
PROJECT NO.
CIP# 41816
SHEET NO. **C30** OF **C66**

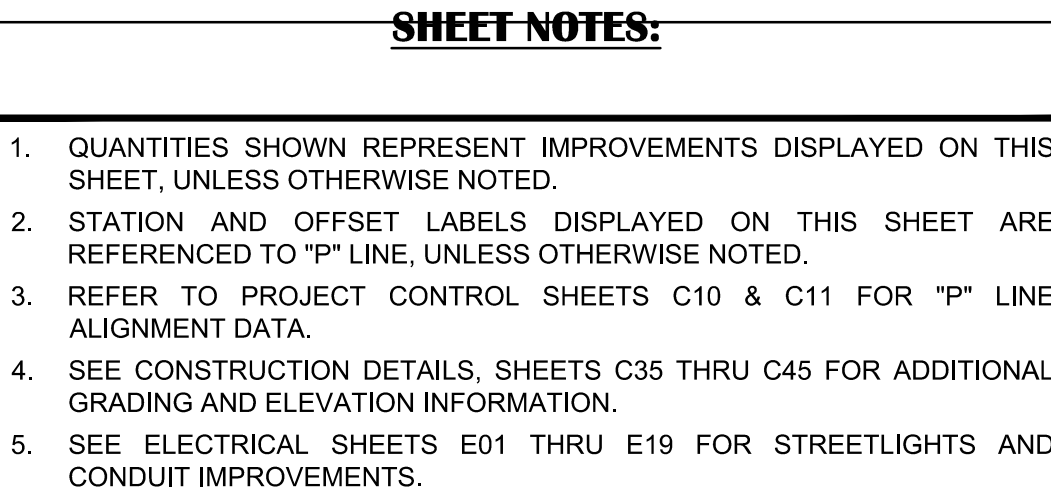
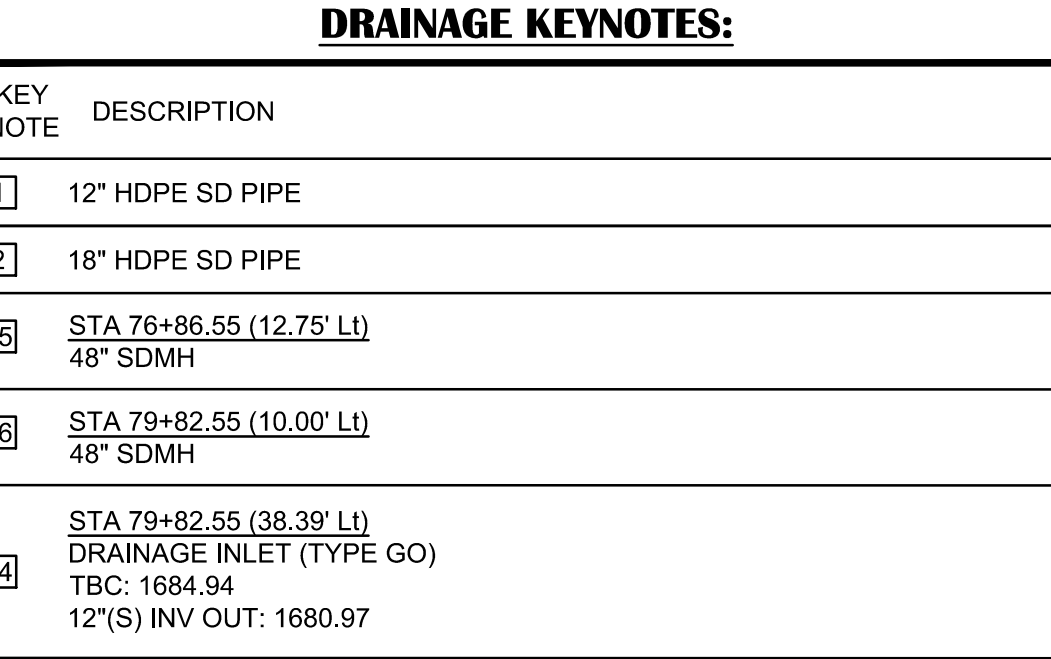


R.E.Y. ENGINEERS, Inc.
Civil Engineers & Land Surveyors (Remote Sensing)
905 Sutter Street, Suite 200, Placerville, CA 95630
(916) 366-3340 Fax: (916) 366-3303

DRAWING SCALE
HOR. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

CHECKED BY: DATE:
100% SUBMITTAL
NOT FOR CONSTRUCTION





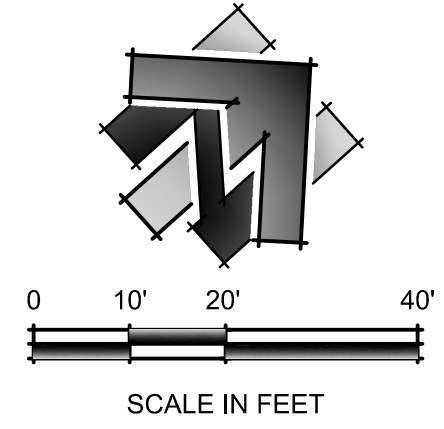
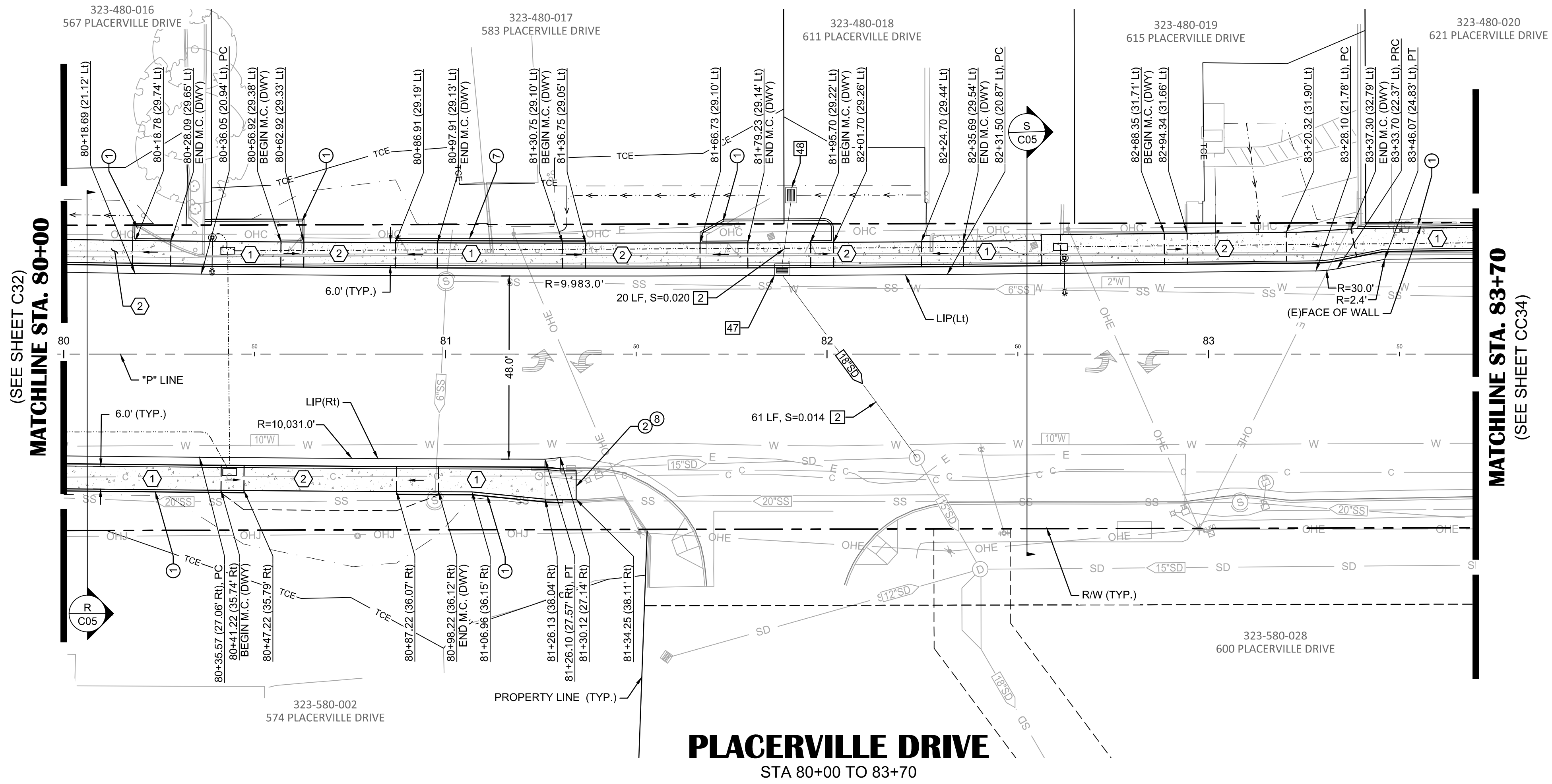
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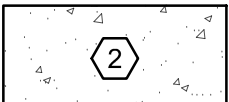
DRAWING INFO	
DATE:	10-08-2025
DRAFTER:	JCQ/GVR/SDM
DESIGNER:	VGM/JCQ/SDM/GVR
REVIEWER:	JWF

PROJECT NO.
CIP# 41816
SHEET NO. C32 OF C66

PROJECT NO.
CIP# 41816

SHEET NO. **C32** OF **C66**



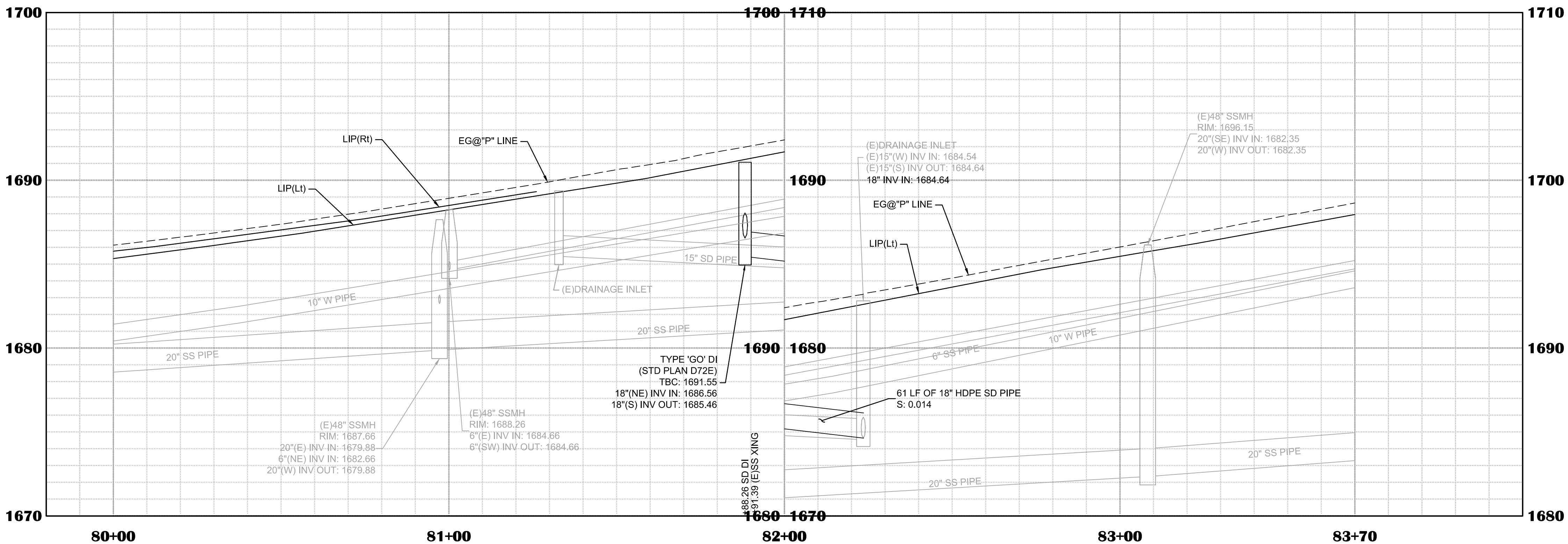
SHEET LEGEND	
DESCRIPTION	
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB) (SEE DETAIL 6, SHEET C06)
②	CONFORM TO (E)CURB & GUTTER
⑦	MINOR CONCRETE (MODIFIED CURB & GUTTER) (SEE DETAIL 5, SHEET C06)
⑧	CONFORM TO (E)SIDEWALK

DRAINAGE KEYNOTES:	
KEY NOTE	DESCRIPTION
2	18" HDPE SD PIPE
	STA 81+88.26 (22.18' Lt)
	DRAINAGE INLET (TYPE GO)
47	TBC: 1691.55
	18"(NE) INV IN: 1686.56
	18"(S) INV OUT: 1685.46
	STA 81+90.57 (41.63' Lt)
	DRAINAGE INLET (TYPE G1)
48	TBC: 1691.35
	18"(SW) INV OUT: 1686.95

SHEET NOTES:

1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
2. STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
3. REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
4. SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
5. SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.



IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 80+00 TO 83+70
CITY OF PLACERVILLE CALIFORNIA

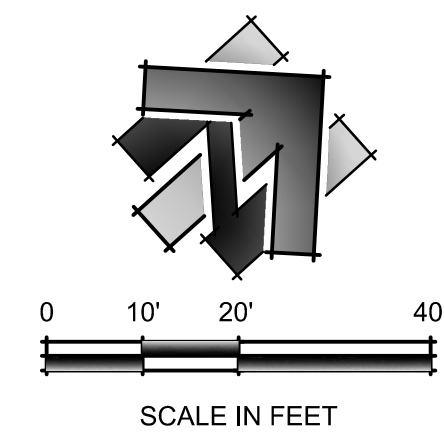
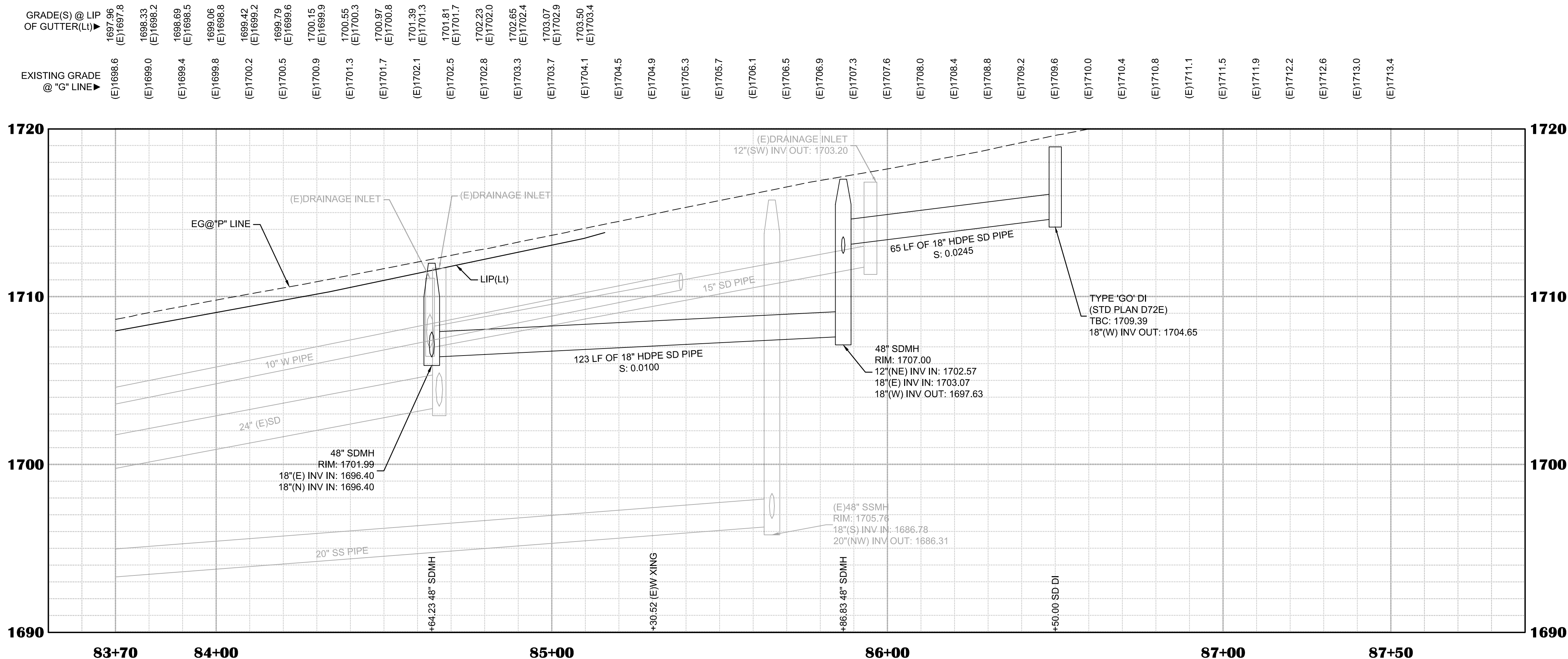
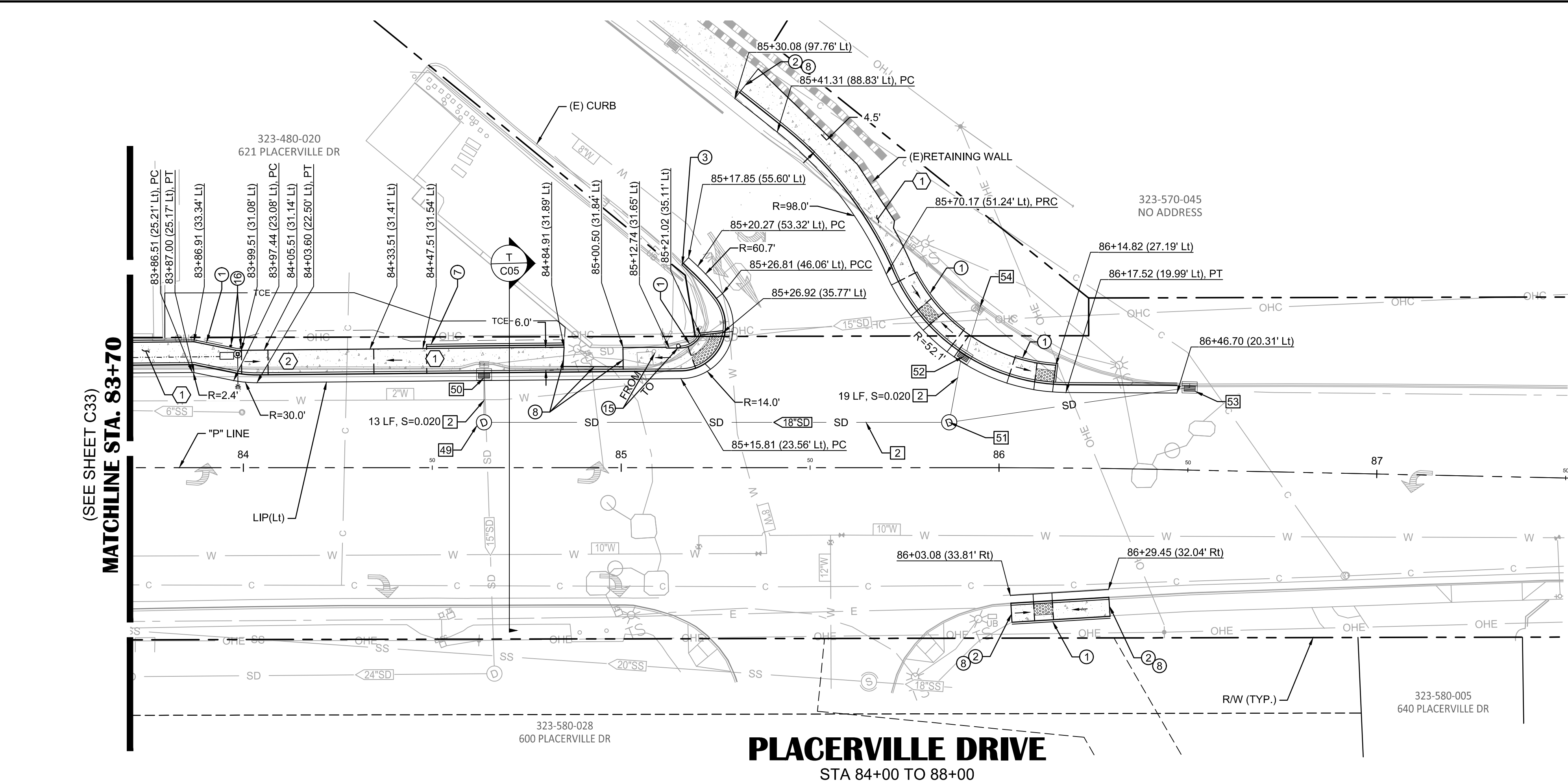
DRAWING INFO
 DATE: 10-08-2025
 DRAFTER: JCQ/GVR/SDM
 DESIGNER: VGM/JCQ/SDM/GVR
 REVIEWER: JWF

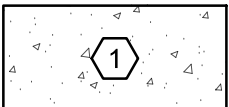
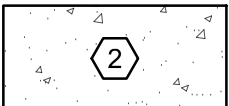
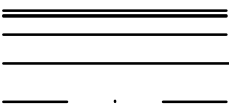
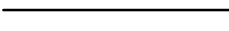
PROJECT NO.
CIP# 41816
SHEET NO. **C33** OF **C66**



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Civl Engineers | Land Surveyors | Remote Sensing
905 Sutter Street, Suite 200, Folsom, CA 95630
(916) 366-3040 Fax: (916) 366-3303

DRAWING SCALE
 HOR. SCALE: $1" = 20'$
 VERT. SCALE: $1" = 4'$

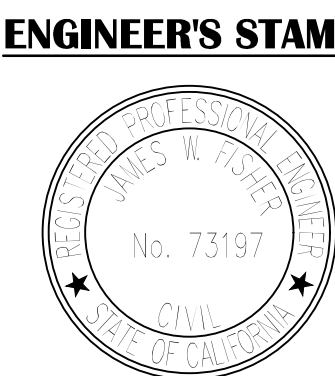


SHEET LEGEND	
	DESCRIPTION
	4.0" P.C.C. / 4.0" MIN AB MINOR CONCRETE (SIDEWALK) (SEE DETAIL 27, SHEET C09)
	6.0" P.C.C. / 2.0" MIN AB MINOR CONCRETE (DRIVEWAY) (SEE DETAIL 9, SHEET C06)
	LANDSCAPING (SEE LANDSCAPE PLANS)
	MINOR CONCRETE (CURB & GUTTER) (SEE CALTRANS TYPE A2-6, STD. PLAN A87A)
	HMA CONFORM LIMIT
	GRADING DAYLIGHT LIMIT

CONSTRUCTION KEYNOTES:	
KEY NOTE	DESCRIPTION
①	MINOR CONCRETE (CURB - TYPE A) (SEE DETAIL 6, SHEET C07)
②	CONFORM TO (E)CURB & GUTTER
⑦	MINOR CONCRETE (MODIFIED CURB & GUTTER) (SEE DETAIL 5, SHEET C06)
⑧	CONFORM TO (E)SIDEWALK
⑮	RELOCATE PUSH BUTTON
⑮	BOLLARD (SEE DETAIL 25, SHEET C09)

DRAINAGE KEYNOTES:	
KEY NOTE	DESCRIPTION
1	12" HDPE SD PIPE
2	18" HDPE SD PIPE
49	STA 84+64.23 (12.00' Lt) 48" SDMH
50	STA 84+63.78 (24.69' Lt) DRAINAGE INLET (TYPE GO) TBC: 1701.90 18"(S) INV OUT: 1696.65
51	STA 85+86.83 (12.00' Lt) 48" SDMH
52	STA 85+90.68 (29.59' Lt) DRAINAGE INLET (TYPE GO) TBC: 1707.20 12"(NE) INV IN: 1702.93 12"(SW) INV OUT: 1702.93
53	STA 86+50.00 (21.86' Lt) DRAINAGE INLET (TYPE GO) TBC: 1709.39 18"(W) INV OUT: 1704.65
54	STA 85+94.95 (42.35' Lt) CONNECT TO EXISTING INLET DRAINAGE INLET (TYPE F) (TOP ONLY) TBC: 1704.78 12"(SW) INV OUT: 1703.20

- ## **SHEET NOTES:**
-
1. QUANTITIES SHOWN REPRESENT IMPROVEMENTS DISPLAYED ON THIS SHEET, UNLESS OTHERWISE NOTED.
 2. STATION AND OFFSET LABELS DISPLAYED ON THIS SHEET ARE REFERENCED TO "P" LINE, UNLESS OTHERWISE NOTED.
 3. REFER TO PROJECT CONTROL SHEETS C10 & C11 FOR "P" LINE ALIGNMENT DATA.
 4. ADDITIONAL SD INFORMATION TO BE ADDED FOLLOWING CCTV RESULTS AND INVESTIGATION OF EXISTING SD SYSTEM.
 4. SEE CONSTRUCTION DETAILS, SHEETS C35 THRU C45 FOR ADDITIONAL GRADING AND ELEVATION INFORMATION.
 5. SEE ELECTRICAL SHEETS E01 THRU E19 FOR STREETLIGHTS AND CONDUIT IMPROVEMENTS.

[illegible]

DRAWING SCALE
 HOR. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'



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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

LAYOUT PLAN & PROFILE
PLACERVILLE DRIVE - STA 83+70 TO 88+00
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO	
DATE:	10-08-2025
DRAFTER:	JCQ/GVR/SDM
DESIGNER:	VGM/JCQ/SDM/GVR
REVIEWER:	JWF

PROJECT NO.	
CIP# 41816	
SHEET NO.	C34 OF C66

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
SEE UTILITY PLAN FOR UTILITY INFORMATION.
3. VERIFY ALL EXISTING DRAINAGE STRUCTURES PRIOR TO FABRICATING
ANY MATERIAL.
4. SEE COUNTY OF EL DORADO STANDARD DETAILS FOR STORM DRAIN
MANHOLE AND PCC BACKFILL FOR SHALLOW TRENCH DETAILS AND
INFORMATION.
5. SEE CALTRANS STANDARD PLAN DETAIL D73B, D73C, D73E, D73F,
D73G, D74, D75B, D75C, AND D77B FOR DRAINAGE INLET, PIPE
INLET, AND GRATE DETAILS.

	DRAINAGE SYSTEM No.
	DRAINAGE UNIT
	ROCK SLOPE PROTECTION (RSP)
	CUT
	FILL
	DITCH FLOWLINE



D-1

[illegible]

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

DRAINAGE PLAN

CITY OF PLACERVILLE **CALIFORNIA**

DRAWING INFO	
DATE:	10/23/2025
DRAWN BY:	JMAYER
DESIGNER:	JMAYER
REVIEWER:	A. BOYES

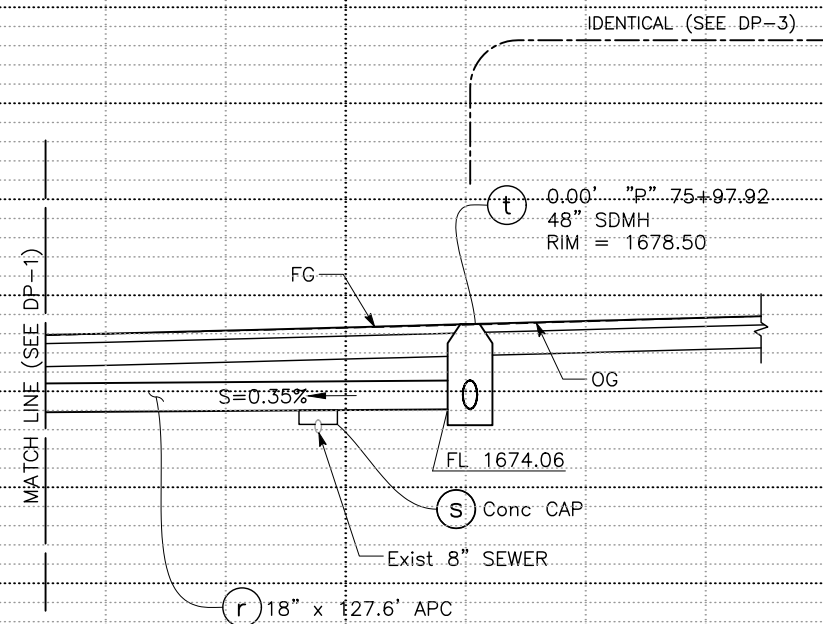
PROJECT NO.
CIP #41410

SHEET NO. **C25** OF **C63**

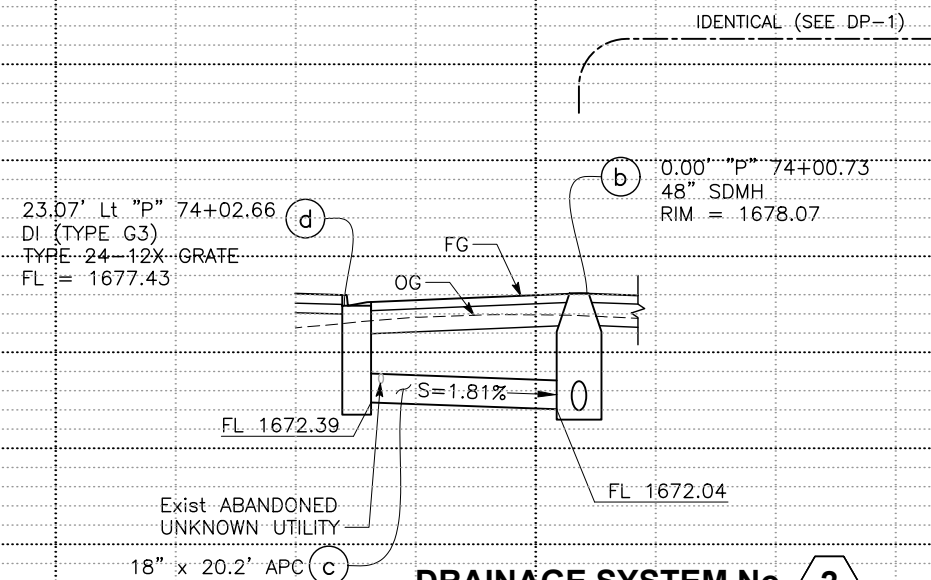
FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.



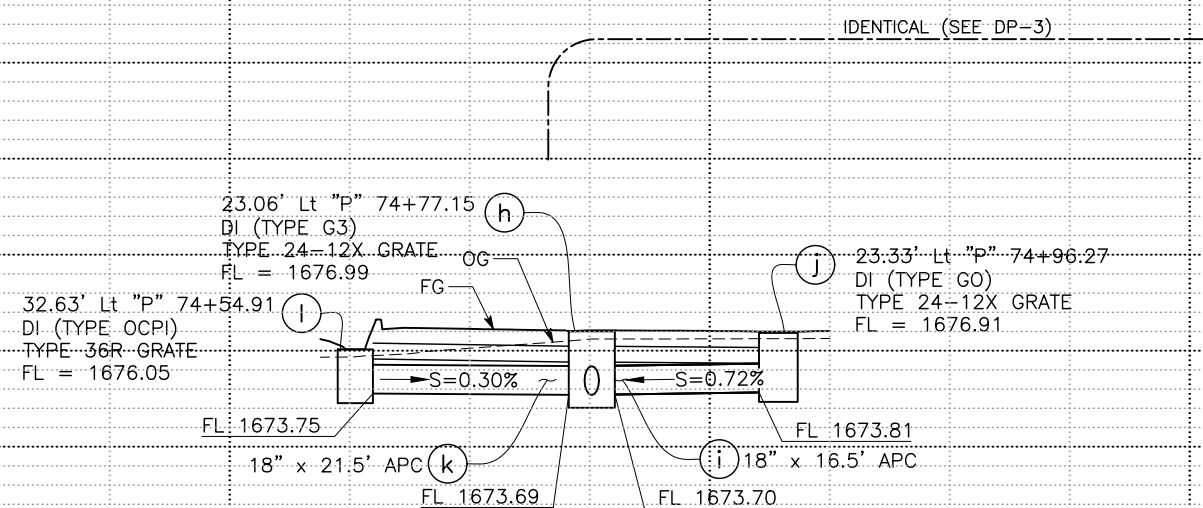
PROJECT NO.
CIP #41410
SHEET NO. **C26** OF **C66**



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2

SCALE: Horiz 1"=10'
Vert 1"=5'

DP-2

[illegible]

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

DRAINAGE PROFILES

CITY OF PLACERVILLE

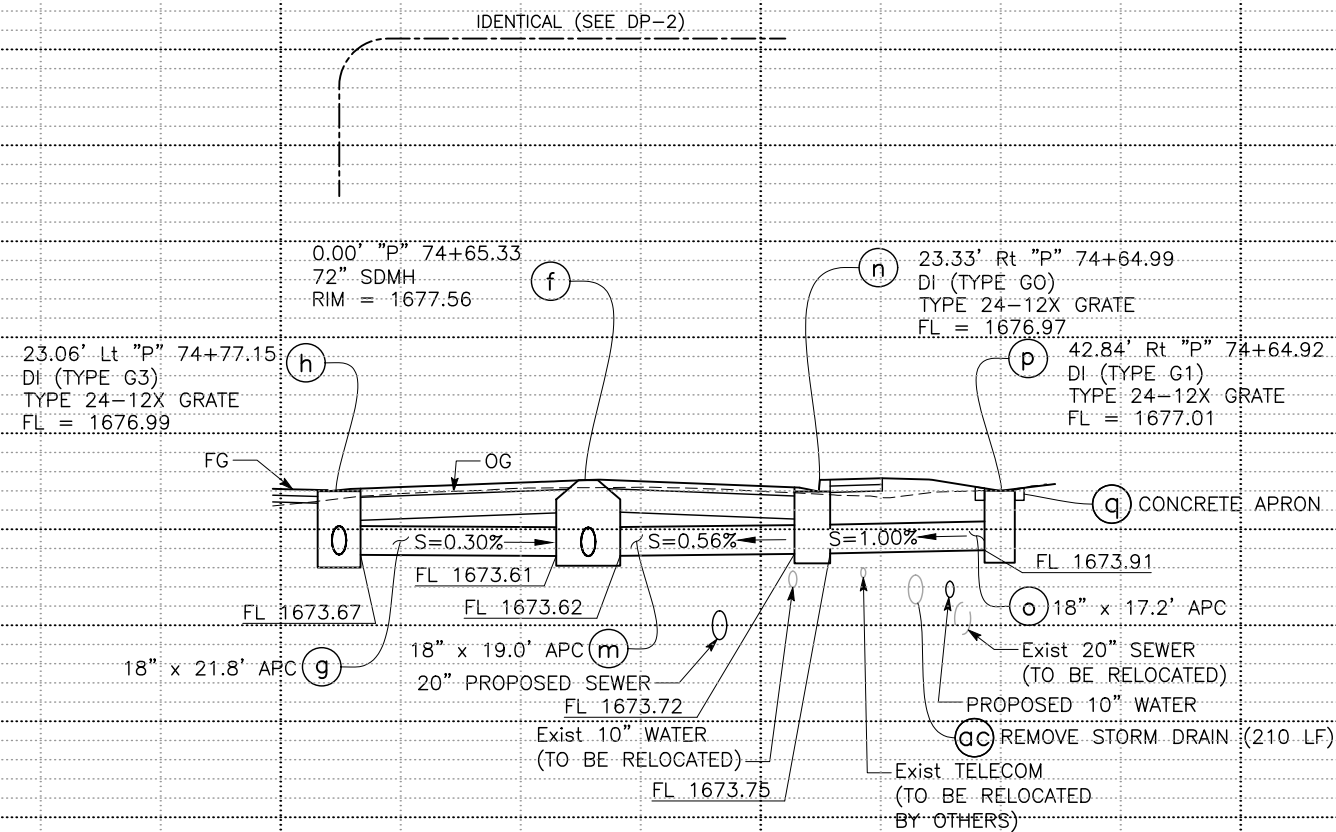
CALIFORNIA

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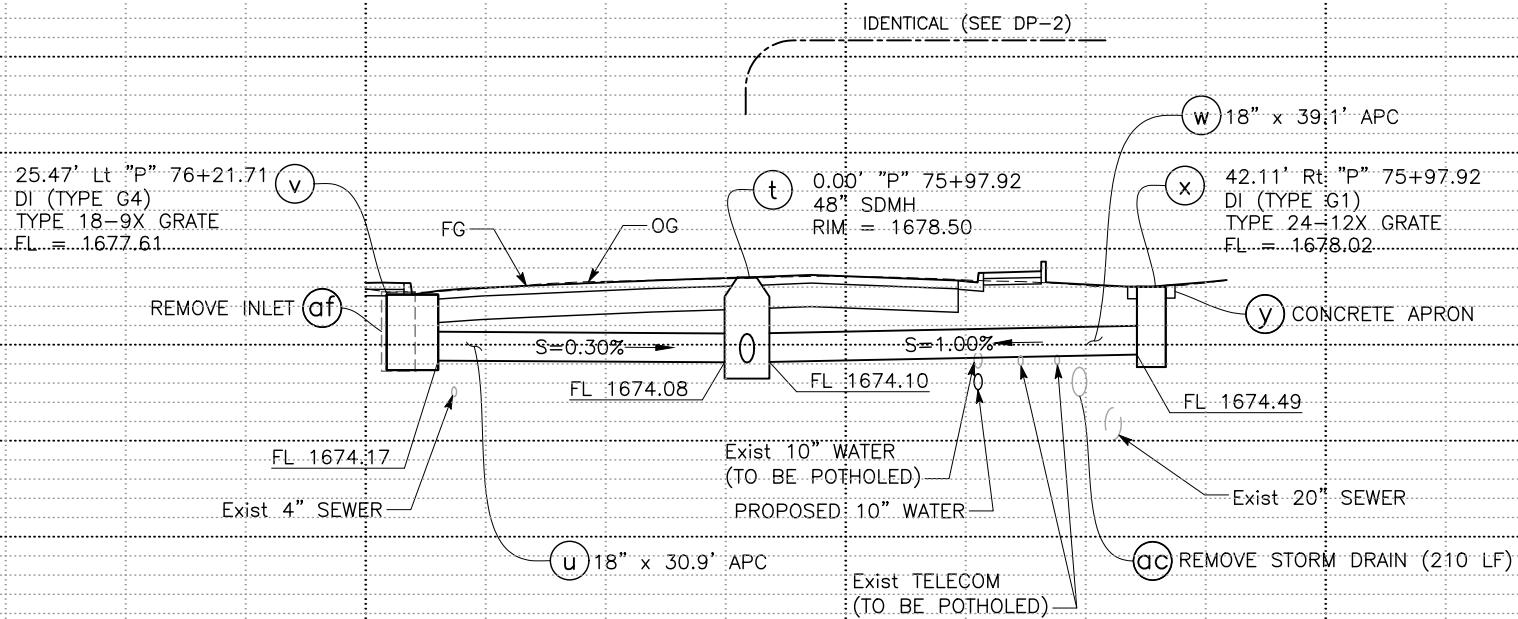
DATE: 10/23/20
DRAFTER: J.MAY
DESIGNER: J.MAY
REVIEWER: A.ROY

PROJECT NO.
CIP #41410

SHEET NO. **C28** OF **C6**



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2

SCALE: Horiz 1"=10'
Vert 1"=5'

DP-3

[illegible]

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

DRAINAGE PROFILES

CITY OF PLACERVILLE

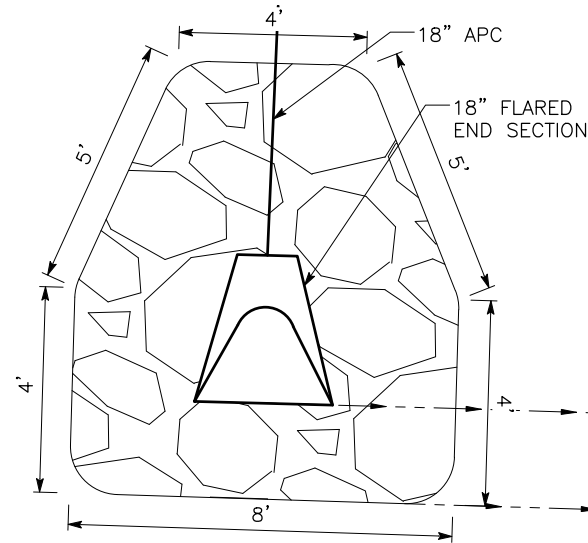
CALIFORNIA

DRAWING INFO

DATE:	10/23/20
DRAFTER:	J.MAY
DESIGNER:	J.MAY
REVIEWER:	A.BON

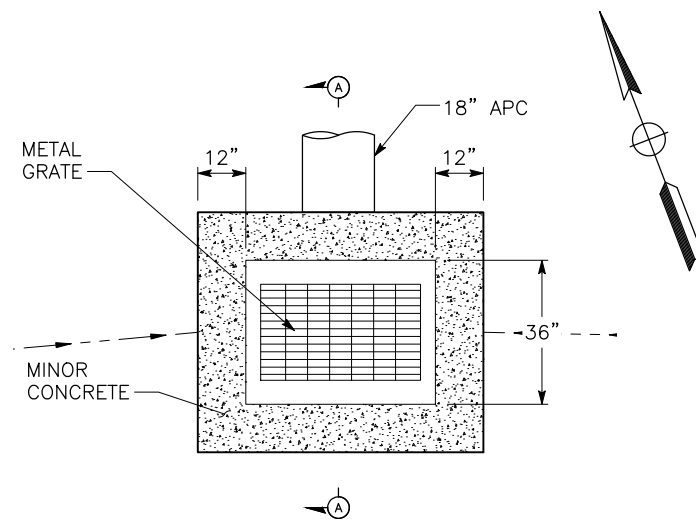
PROJECT NO.
CIP #41410

SHEET NO. **C29** OF **C6**



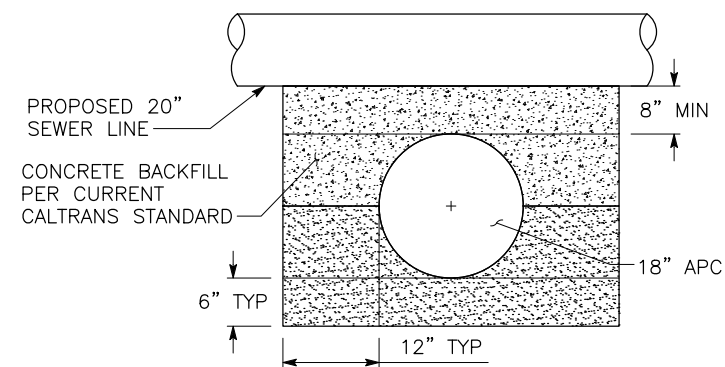
DRAINAGE SYSTEM NO.

(d) RSP (60 lbs, CLASS II, METHOD B)



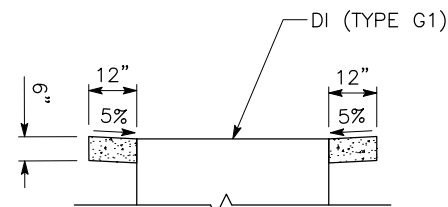
CONCRETE APRON
NO SCALE
DRAINAGE SYSTEM NO.

⑨ ⑩ CONCRETE APRON

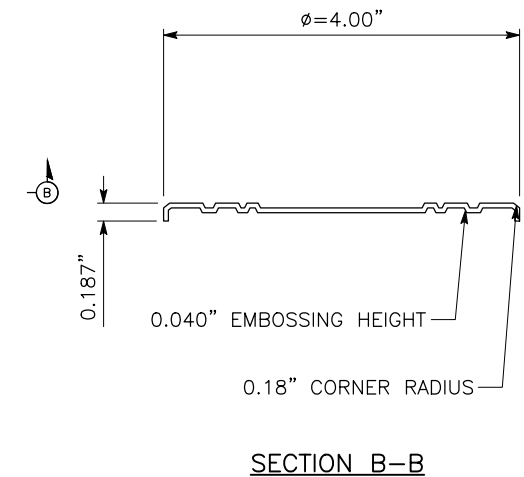
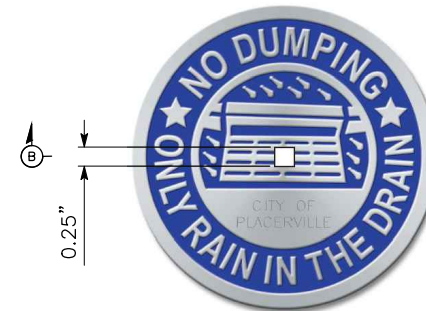


CONCRETE CAP
NO SCALE
DRAINAGE SYSTEM NO.

⑤

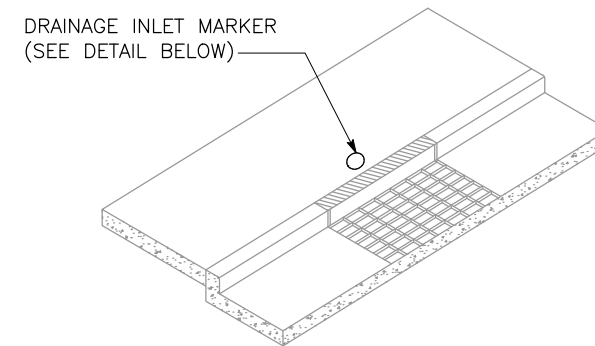


SECTION A-A



NOTE:

ALL NEW OR RECONSTRUCTED DRAINAGE INLETS SHALL HAVE A DRAINAGE INLET MARKER. ALL MARKERS SHALL BE APPROVED BY THE CITY INSPECTOR PRIOR TO BEING USED.

[illegible]

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

DRAINAGE DETAILS

CITY OF PLACERVILLE **CALIFORNIA**

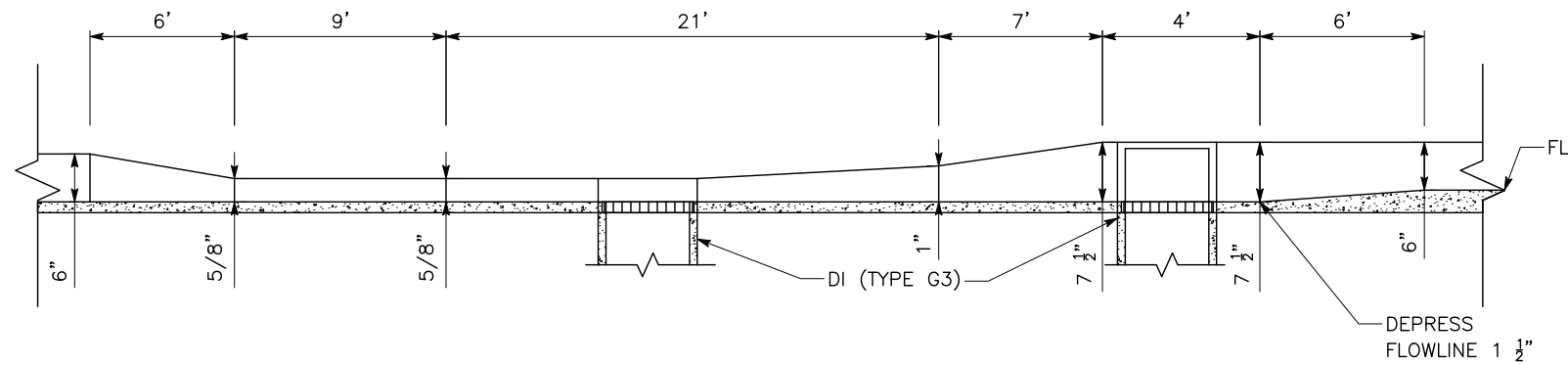
DRAWING INFO

DATE:	10/23/2025
DRAWN BY:	JMAYER
DESIGNER:	JMAYER
REVIEWER:	A. BOYES

PROJECT NO.
CIP #41410

SHEET NO. **C30** OF **C63**

DRAINAGE SYSTEM NO. 2
(h) DI (TYPE G3)



SECTION B-B



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IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

DRAINAGE DETAILS

CITY OF PLACERVILLE CALIFORNIA

[illegible]

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

DRAWING INFO

DATE:	10/23/2025
DRAWN BY:	J.MAYER
DESIGNER:	J.MAYER
REVIEWER:	A. BOYES

PROJECT NO.
CIP #41410

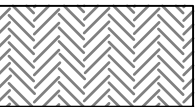
SHEET NO. **C31** OF **C63**

Appendix B Project Permanent Erosion Control Plan and Landscaping Plans

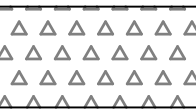
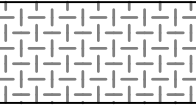
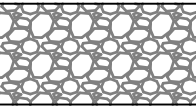
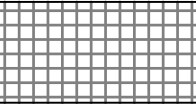
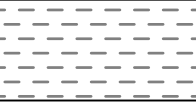
PLANT_SCHEDULE

CODE	BOTANICAL / COMMON NAME	SIZE	WATER USE SPACING	
TREES CER OCC	CERCIS OCCIDENTALIS	15 GAL	LOW	AS SHOWN
	WESTERN REDBUD MULTI-TRUNK			
LAG IND	LAGERSTROEMIA INDICA	15 GAL	LOW	AS SHOWN
	CRAPE MYRTLE			

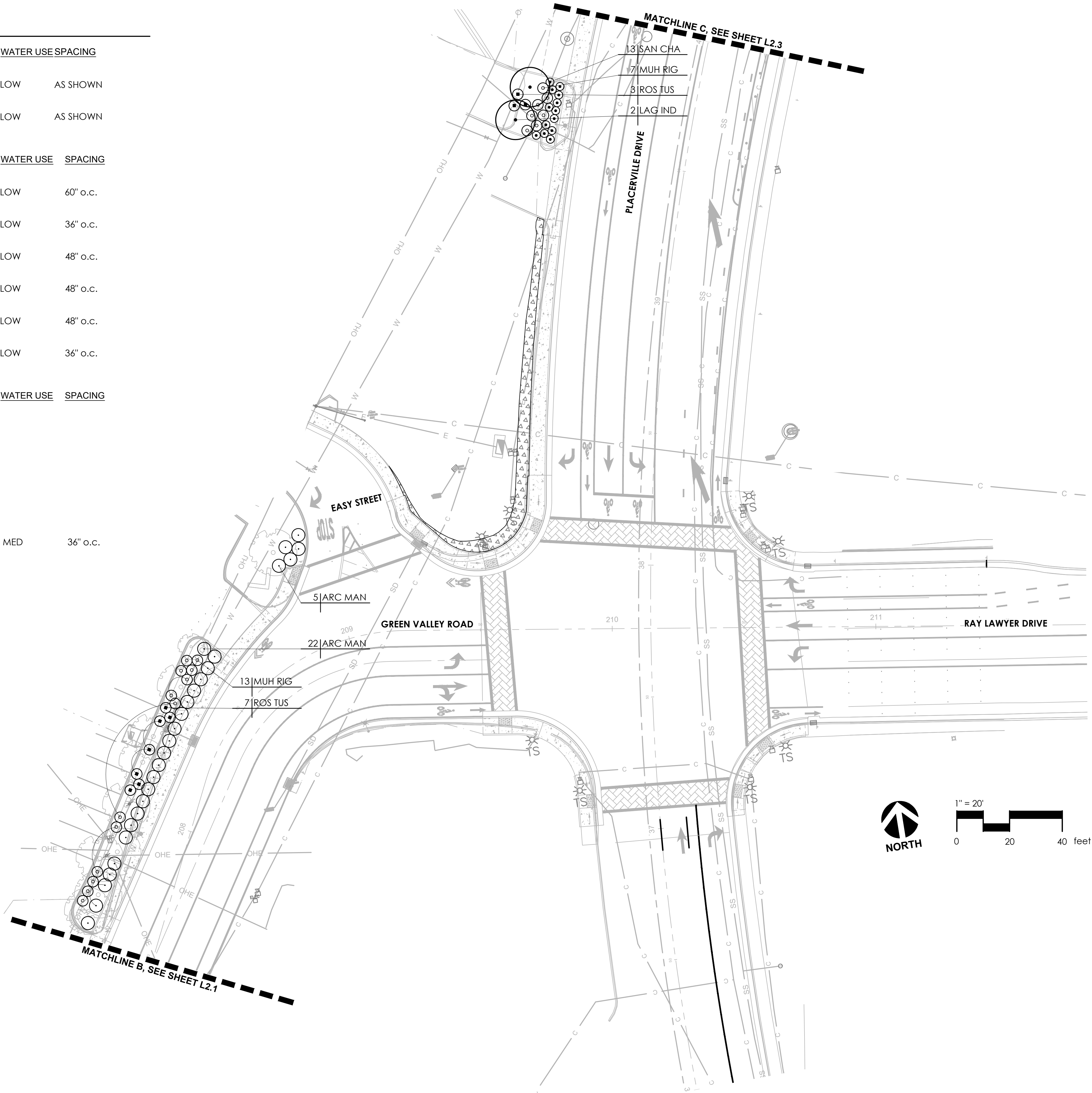
CODE	BOTANICAL / COMMON NAME	SIZE	WATER USE	SPACING
SHRUBS ARC MAN	ARCTOSTAPHYLOS X 'EMERALD CARPET'	1 GAL	LOW	60" o.c.
	EMERALD CARPET MANZANITA			
MIM AUR	MIMULUS AURANTIACUS STICKY MONKEYFLOWER	1 GAL	LOW	36" o.c.
MUH RIG	MUHLENBERGIA RIGENS DEER GRASS	1 GAL	LOW	48" o.c.
PIN PUM	PINUS MUGO 'PUMILIO' MUGO PINE	5 GAL	LOW	48" o.c.
ROS TUS	ROSMARINUS OFFICINALIS 'TUSCAN BLUE' TUSCAN BLUE ROSEMARY	1 GAL	LOW	48" o.c.
SAN CHA	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	LOW	36" o.c.

SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE	SPACING
GROUND COVERS				
	HYDROSEED MIX NATIVE EROSION CONTROL MIX FROM PACIFIC COAST SEED. MIX TO INCLUDE: BROMUS CARINATUS/CALIFORNIA BROME ELYMUS GLAUCUS/BLUE WILDRIE VULPIA MICROSTACHYS/SMALL FESCUE TRIFOLIUM CILIOLATUM/NATIVE CLOVER	HYDROSEED		
	HYPERICUM CALYCLINUM CREEPING ST. JOHN'S WORT	1 GAL	MED	36" o.c.

CONCEPT_PLANT_SCHEDULE

	REMOVE, STOCKPILE & REINSTALL EXISTING ROCK MULCH REMOVE AND STOCKPILE ON SITE EXISTING ROCK MULCH IN AREAS THAT WILL BE DISTRUBED BY CONSTRUCTION ACTIVITIES. INSTALL NEW WEED FABRIC AND SPREAD STOCKPILED ROCK EVENLY WITHIN HATCHED AREA TO PROVIDE UNIFORM COVERING OF AREA.
	DECORATIVE ROCK MULCH, TYPE 1 MATCH EXISTING ADJACENT 1-1/2" SONOMA GOLD ROCK AS AVAILABLE FROM SIERRA LANDSCAPING MATERIALS, INC. 3" DEPTH OVER WEED FABRIC.
	COBBLE MATCH EXISTING ADJACENT 2X6 COBBLE ROCK AS AVAILABLE FROM SIERRA LANDSCAPING MATERIALS, INC. 4" DEPTH OVER WEED FABRIC.
	BARK MULCH ONLY
	4" MINUS DITCH ROCK, COOL MATCH EXISTING ADJACENT ROCK MULCH OVER WEED FABRIC. ROCK AS AVAILABLE FROM SIERRA LANDSCAPING MATERIALS, INC. 6" DEPTH.
	DECORATIVE ROCK MULCH, TYPE 2 1" ROUND NATURAL RIVER ROCK AS AVAILABLE FROM SIERRA LANDSCAPING MATERIALS, INC. 3" DEPTH OVER WEED FABRIC.

FOR PLANTING NOTES SEE SHEET L2.1



CHECKED BY: DATE:

NO. REVISION DESCRIPTION:

DRAWING SCALE:
HOR. SCALE: As Shown
VERT. SCALE: As Shown



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1916985.4366
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CALA

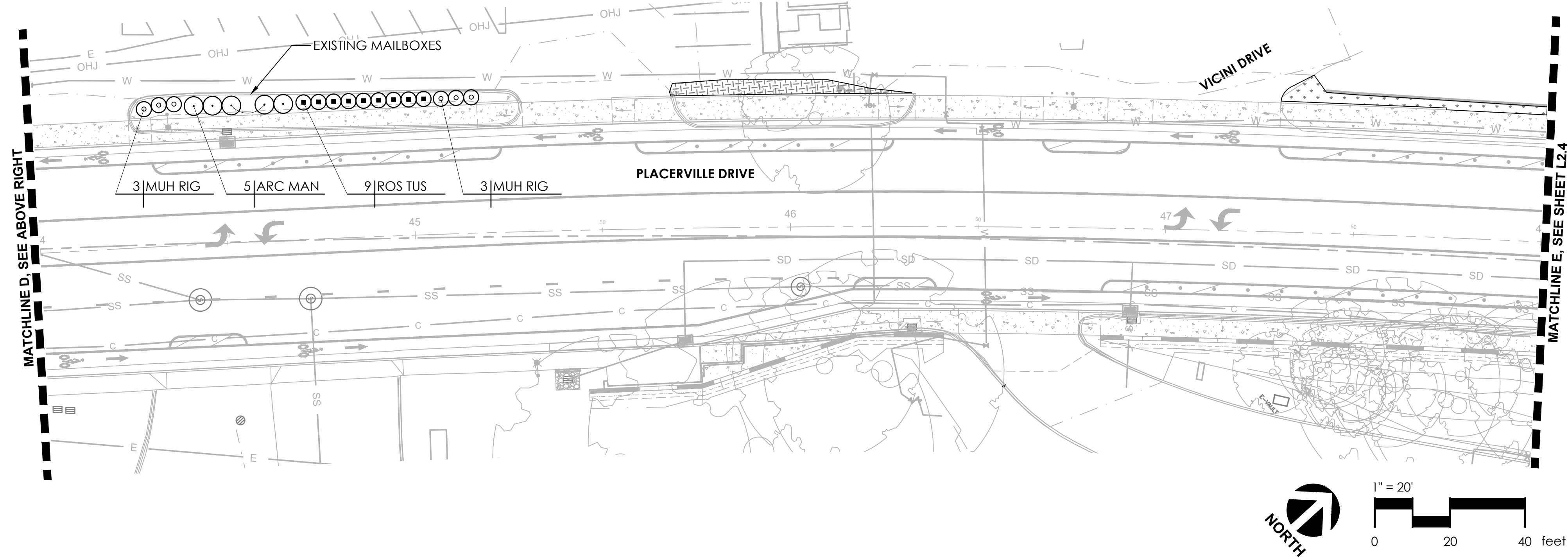
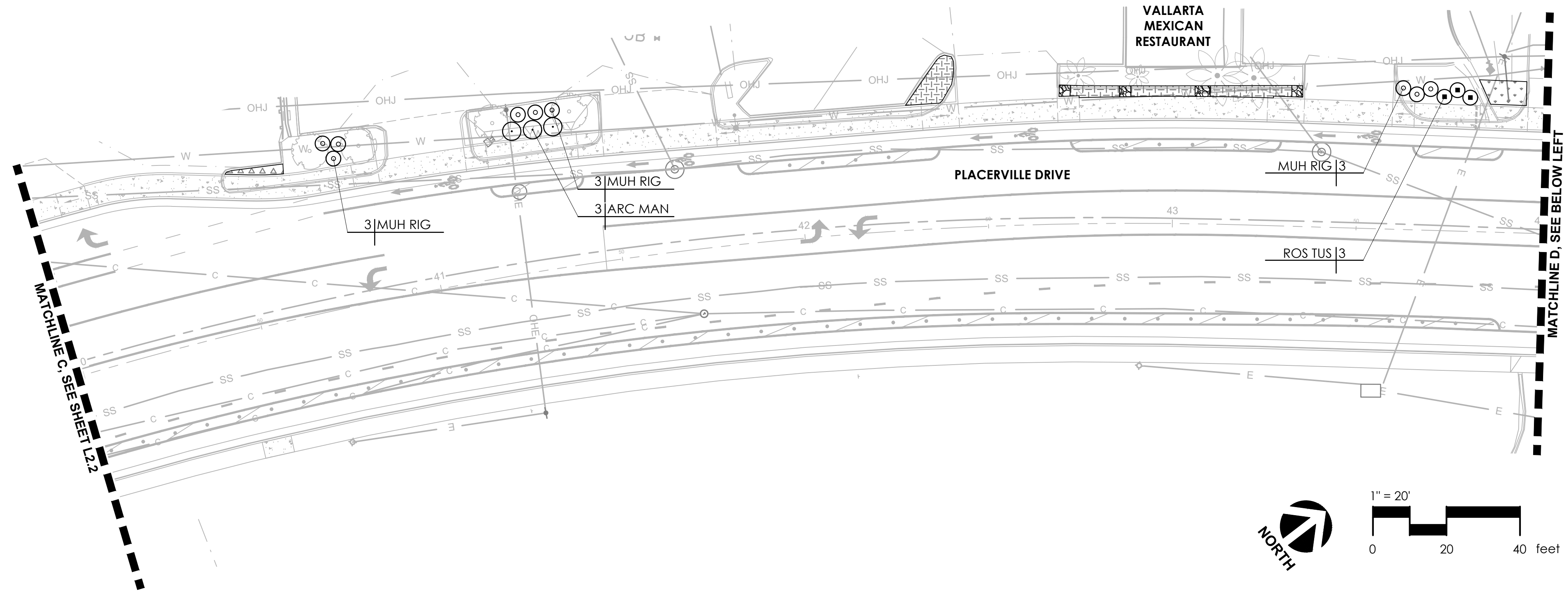
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
L2.2 - PLANTING PLAN
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 10/08/2025
DRAFTER: OP
DESIGNER: OP
REVIEWER: DM

PROJECT NO.
CIP# 41816
SHEET NO. L08 OF L15

File Path: T:\Projects\2018\18078 Placerville Drive\Bicycle\Bicycle3_Corridor\Documents\18078_P.dwg Plot Date: 10/17/25 Saved By: Ophelie
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FOR PLANTING NOTES SEE SHEET L2.1
FOR PLANT SCHEDULE & MULCH LEGEND SEE SHEET L2.2



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
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IMPROVEMENT PLANS FOR:
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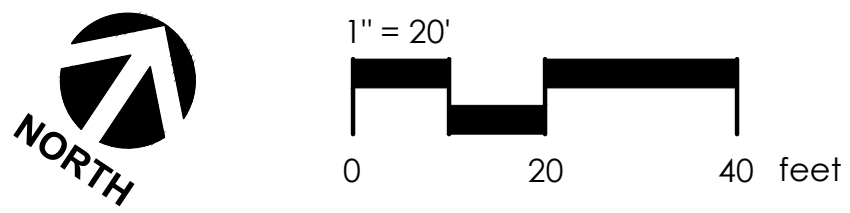
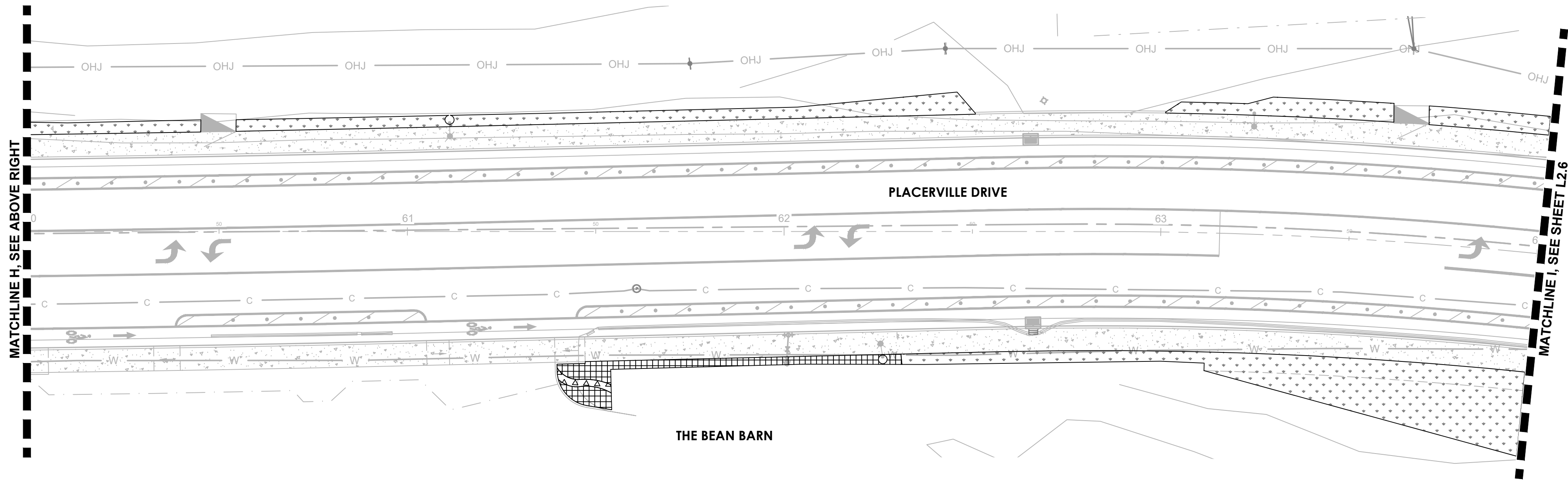
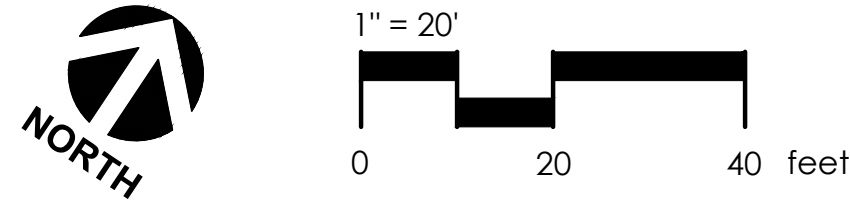
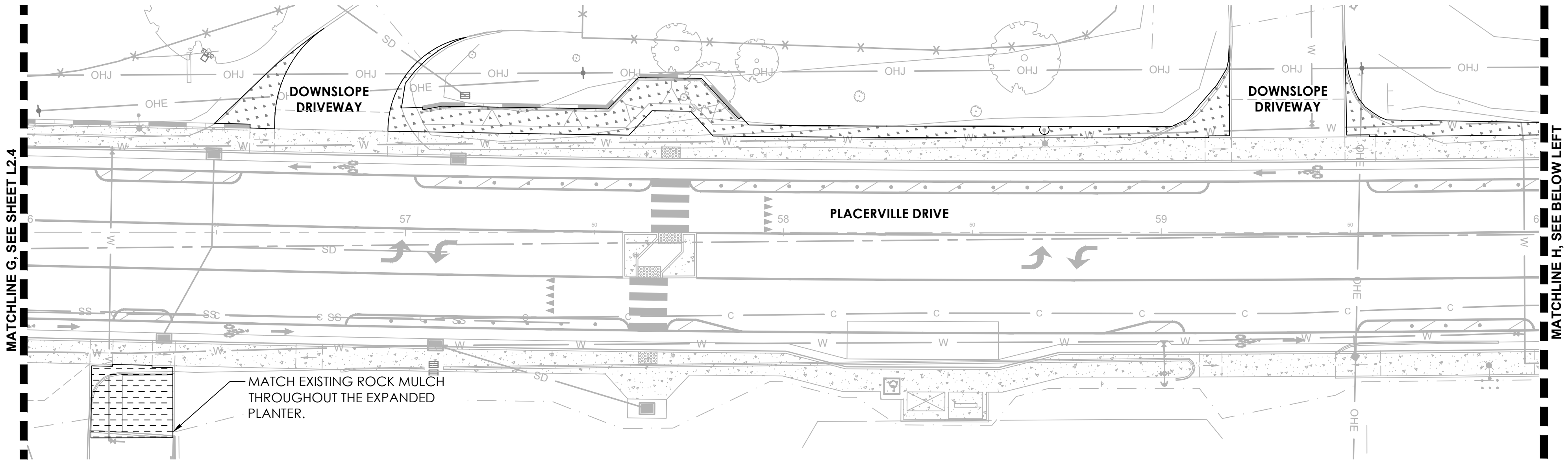
L2.3 - PLANTING PLAN

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO	
DATE:	10/08/2025
DRAFTER:	OP
DESIGNER:	OP
REVIEWER:	DM

PROJECT NO.
CIP# 41816
SHEET NO. **L09** OF **L15**

File Path: I:\Projects\2015\18078_PlacevilleDriveBikePedFacilities\3_CorridorDocuments\18078_P1.dwg Plot Date: 10/07/25 Saved By: Ophelie
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FOR PLANTING NOTES SEE SHEET L2.1
FOR PLANT SCHEDULE & MULCH LEGEND SEE SHEET L2.2

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

L2.5 - PLANTING PLAN

CITY OF PLACERVILLE

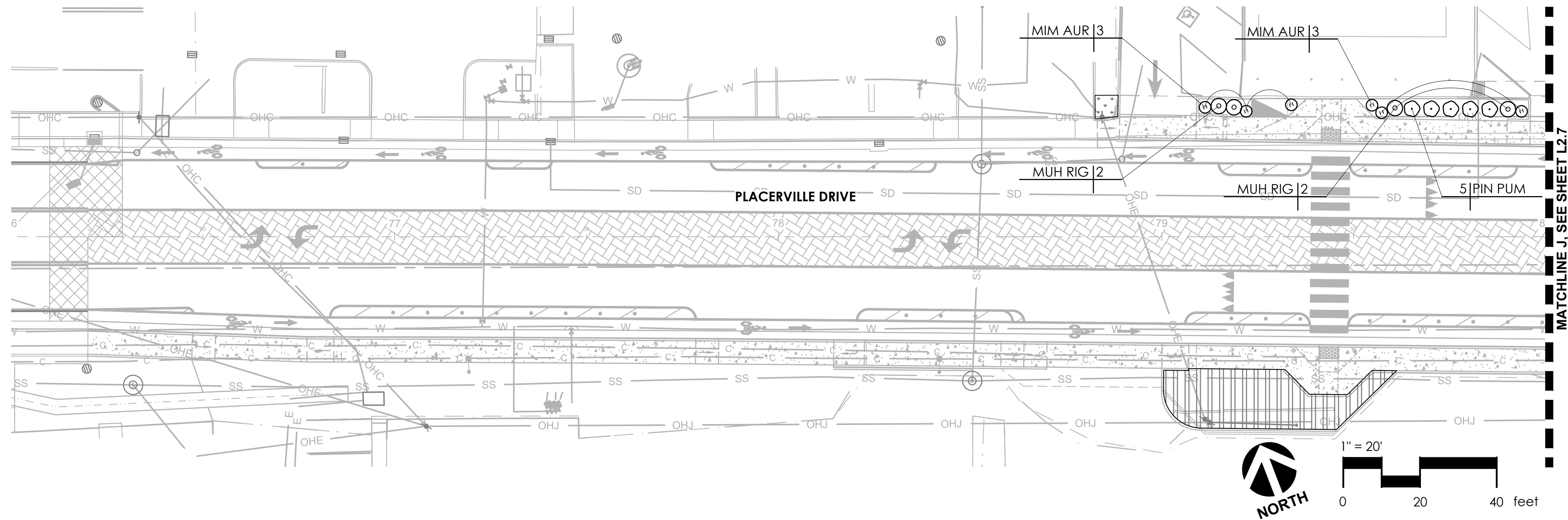
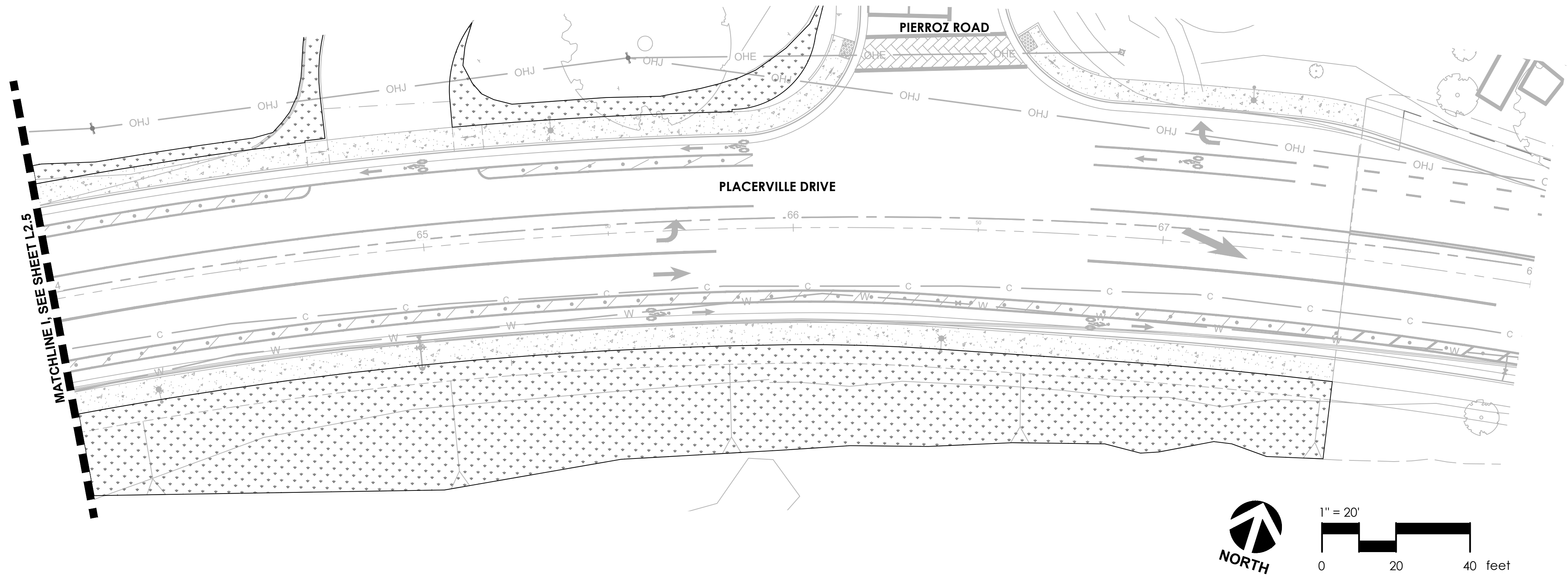
CALIFORNIA

DRAWING INFO			
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DRAFTER:		OP	OP
DESIGNER:		OP	OP
REVIEWER:		DM	DM

PROJECT NO.
CIP# 41816
SHEET NO. **L11** OF **L15**

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FOR PLANTING NOTES SEE SHEET L2.1
FOR PLANT SCHEDULE & MULCH LEGEND SEE SHEET L2.2



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

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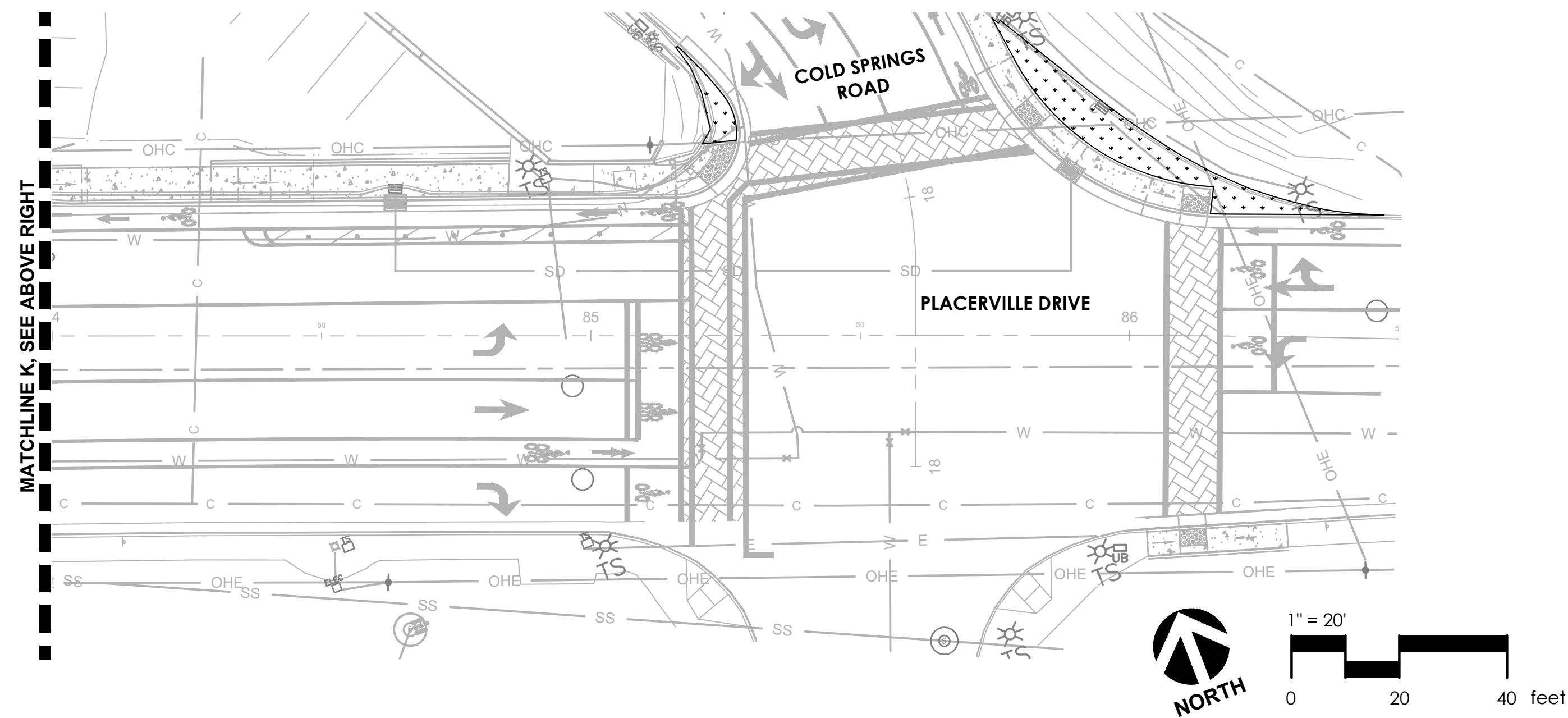
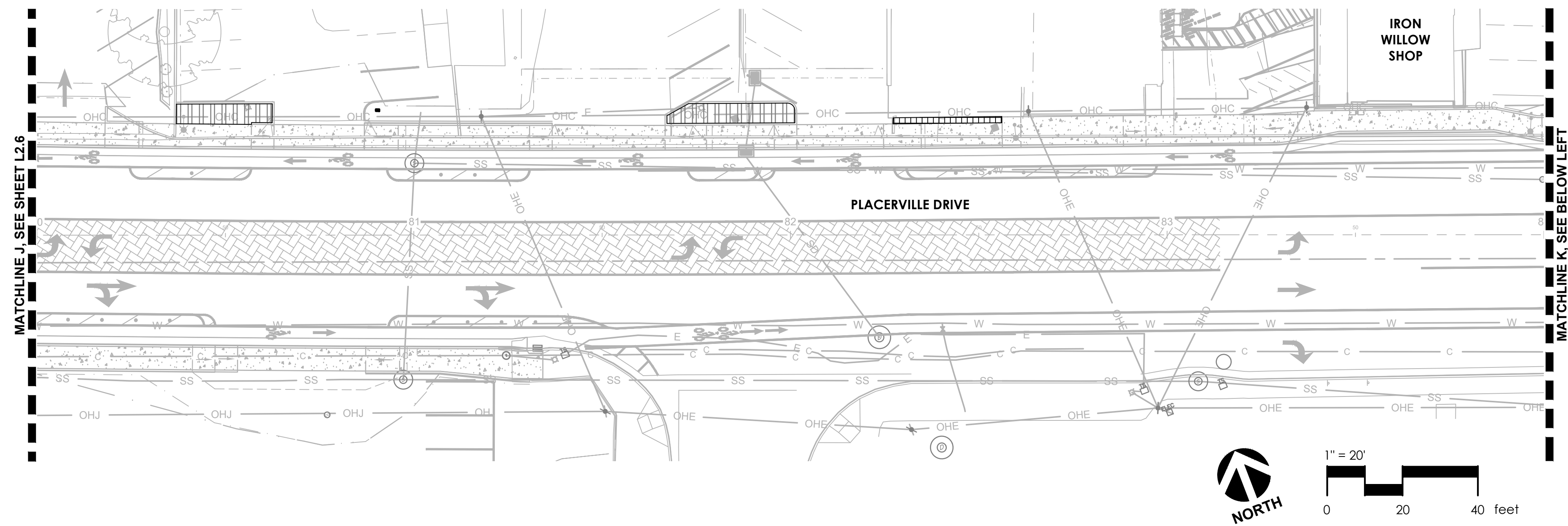
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES

L2.6 - PLANTING PLAN

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO			
DATE:	10/08/2025	OP	OP
DRAFTER:		OP	OP
DESIGNER:		OP	OP
REVIEWER:		DM	DM

PROJECT NO.
CIP# 41816
SHEET NO. **L12** OF **L15**



FOR PLANTING NOTES SEE SHEET L2.1
FOR PLANT SCHEDULE & MULCH LEGEND SEE SHEET L2.2

[illegible]

DRAWING SCALE



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**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES**

L2.7 - PLANTING PLAN

CITY OF PLACERVILLE

CALIFORNIA

DRAWING INFO

PROJECT NO.
CIP# 41816
SHEET NO. **L13** OF **L15**

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. INSTALL TEMPORARY HIGH VISIBILITY FENCE PRIOR TO ANY GROUND DISTURBING ACTIVITIES.

WASH

NS-3

VEC

VEF

VEM

SDR



WPC-1

[illegible]

DRAWING SCALE
 HOR. SCALE: AS NOTED
 VERT. SCALE: N/A



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**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT**

**TEMPORARY WATER POLLUTION CONTROL PLAN
CITY OF PLACERVILLE
CALIFORNIA**

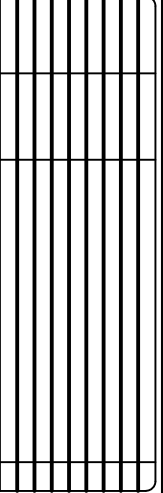
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DATE:	10/23/2025
DRAFTER:	JMAYER
DESIGNER:	JMAYER
REVIEWER:	A BOYES

PROJECT NO.
CIP #41410

SHEET NO. **C19** OF **C63**

100% SUBMITTAL, NOT FOR CONSTRUCTION

FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT
THE CITY OFFICE.



DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
WATER POLLUTION CONTROL PLAN
CITY OF PLACERVILLE CALIFORNIA**

DRAWING INFO

DATE:	10/23/2025
DRAWN BY:	JMAYER
DESIGNER:	JMAYER
REVIEWER:	A. BOYES

PROJECT NO.
CIP #41410

SHEET NO. **C20** OF **C63**

WPC-2

100% SUBMITTAL, NOT FOR CONSTRUCTION

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.

2. THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL TEMPORARY CREEK DIVERSION DEVICES. THE CONTRACTOR SHALL PREPARE A CREEK DIVERSION PLAN INCLUDING THE CONSTRUCTION SEQUENCE, EQUIPMENT, MEANS AND METHODS REQUIRED FOR ERECTION AND REMOVAL OF THE DIVERSION SYSTEM. THE PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA AND THE PLAN SHALL BE SUBMITTED FOR ACCEPTANCE BY THE ENGINEER AND REGULATORY AGENCIES.

3. VERIFY PEAK FLOWS IN HANGTOWN CREEK TO ENSURE PIPE SIZES SHOWN ON THIS PLAN ARE ADEQUATE.

4. ALL PIPE TO PIPE CONNECTIONS TO BE WATERTIGHT.

5. ADJUST SAND BAG LOCATIONS IN THE FIELD TO ACCOUNT FOR FIELD CONDITIONS AS APPROVED BY ENGINEER.

6. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

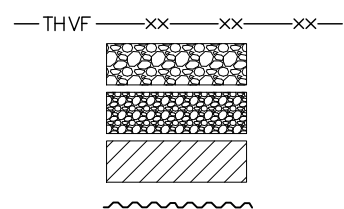
7. DETERMINE CLEARANCE OF SAND BAGS TO WORK AREA.

8. SEE SHEET WPC-4 FOR SECTIONS A-A AND B-B.

_____ R/W

— — — — — PROPERTY LINE (P/L)

— — — — — TCE



TEMPORARY HIGH-VISIBILITY FENCE

COFFERDAM (TEMPORARY GRAVEL BAG BERM)

GRAVEL BEDDING

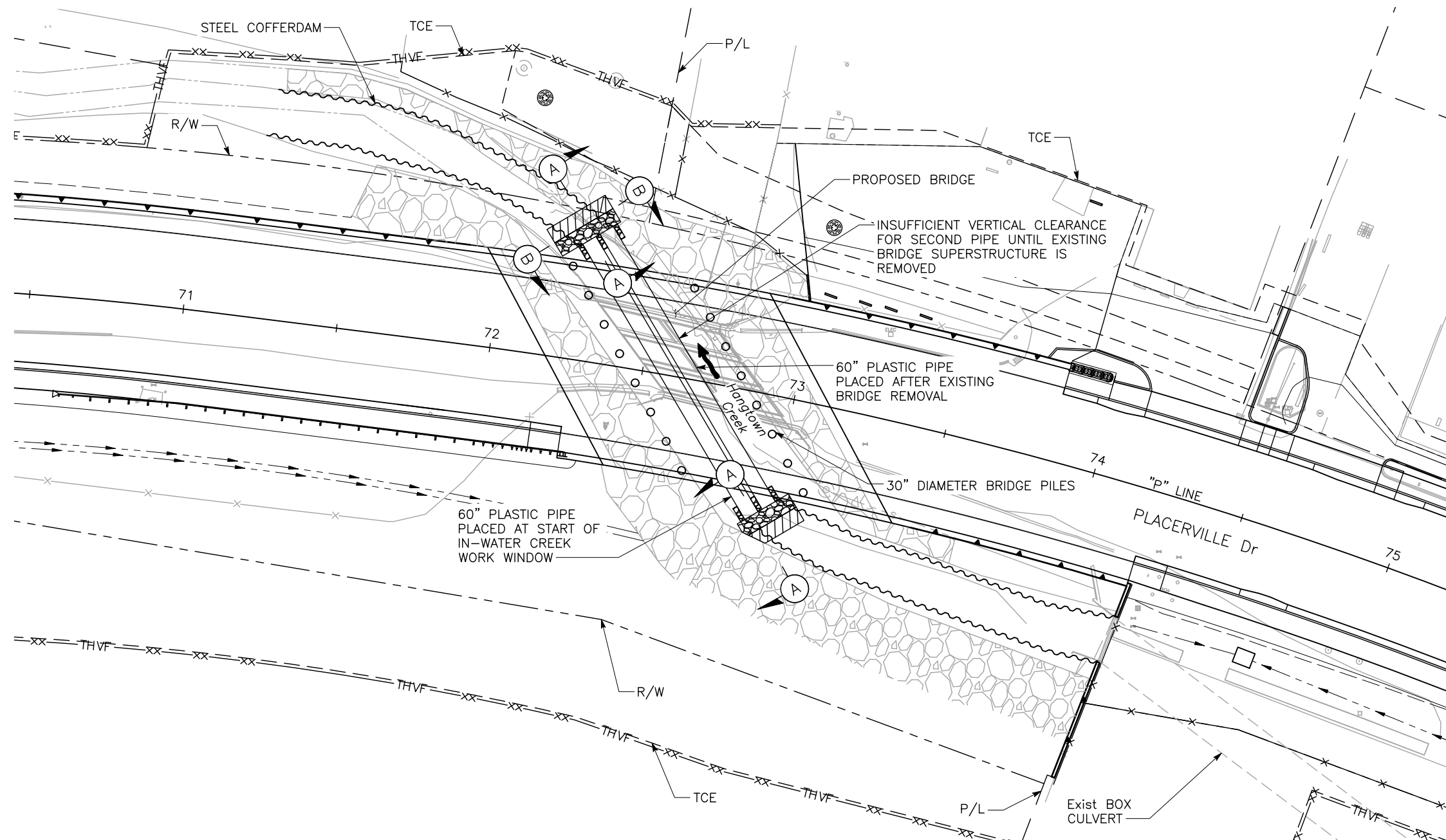
FILTER MATERIAL WITH FILTER FABRIC UNDERNEATH

STEEL COFFERDAM

STEEL COFFERDAM

STEEL COFFERDAM

STEEL COFFERDAM



PLAN
SCALE: 1"=20'

[illegible]

DRAWING SCALE

HOR. SCALE: AS NOTED
VERT. SCALE: N/A



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RANCHO CORDOVA, CA 95670

**IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT**

DRAWING INFO

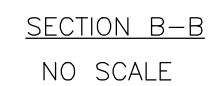
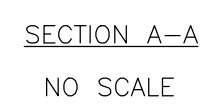
DATE: 10/23/20
DRAFTER: J.MAY
DESIGNER: J.MAY
REVIEWER: A.BON

PROJECT NO.
CIP #41410

SHEET NO. **C21** OF **C66**

WPC-3

100% SUBMITTAL. NOT FOR CONSTRUCTION



Appendix C Risk Level Calculations

Sediment Risk Factor Worksheet		Entry
A) R Factor		
Analyses of data indicated that when factors other than rainfall are held constant, soil loss is directly proportional to a rainfall factor composed of total storm kinetic energy (E) times the maximum 30-min intensity (I30) (Wischmeier and Smith, 1958). The numerical value of R is the average annual sum of EI30 for storm events during a rainfall record of at least 22 years. "Isoerodent" maps were developed based on R values calculated for more than 1000 locations in the Western U.S. Refer to the link below to determine the R factor for the project site. http://cfpub.epa.gov/npdes/stormwater/LEW/lewCalculator.cfm		
R Factor Value		94.0
B) K Factor (weighted average, by area, for all site soils)		
The soil-erodibility factor K represents: (1) susceptibility of soil or surface material to erosion, (2) transportability of the sediment, and (3) the amount and rate of runoff given a particular rainfall input, as measured under a standard condition. Fine-textured soils that are high in clay have low K values (about 0.05 to 0.15) because the particles are resistant to detachment. Coarse-textured soils, such as sandy soils, also have low K values (about 0.05 to 0.2) because of high infiltration resulting in low runoff even though these particles are easily detached. Medium-textured soils, such as a silt loam, have moderate K values (about 0.25 to 0.45) because they are moderately susceptible to particle detachment and they produce runoff at moderate rates. Soils having a high silt content are especially susceptible to erosion and have high K values, which can exceed 0.45 and can be as large as 0.65. Silt-size particles are easily detached and tend to crust, producing high rates and large volumes of runoff. Use Site-specific data must be submitted. Site-specific K factor guidance		
K Factor Value		0.32
C) LS Factor (weighted average, by area, for all slopes)		
The effect of topography on erosion is accounted for by the LS factor, which combines the effects of a hillslope-length factor, L, and a hillslope-gradient factor, S. Generally speaking, as hillslope length and/or hillslope gradient increase, soil loss increases. As hillslope length increases, total soil loss and soil loss per unit area increase due to the progressive accumulation of runoff in the downslope direction. As the hillslope gradient increases, the velocity and erosivity of runoff increases. Use the LS table located in separate tab of this spreadsheet to determine LS factors. Estimate the weighted LS for the site prior to construction. LS Table		
LS Factor Value		4.5
Watershed Erosion Estimate (=R _x K _x LS) in tons/acre		135.36
Site Sediment Risk Factor Low Sediment Risk: < 15 tons/acre Medium Sediment Risk: >=15 and <75 tons/acre High Sediment Risk: >= 75 tons/acre		High

Receiving Water (RW) Risk Factor Worksheet		Entry	Score
A. Watershed Characteristics		yes/no	
A.1. Does the disturbed area discharge (either directly or indirectly) to a 303(d)-listed waterbody impaired by sediment (For help with impaired waterbodies please visit the link below) or has a USEPA approved TMDL implementation plan for sediment ? http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml OR		No	Low
A.2. Does the disturbed area discharge to a waterbody with designated beneficial uses of SPAWN & COLD & MIGRATORY? (For help please review the appropriate Regional Board Basin Plan) http://www.waterboards.ca.gov/waterboards_map.shtml			
Region 1 Basin Plan Region 2 Basin Plan Region 3 Basin Plan Region 4 Basin Plan Region 5 Basin Plan Region 6 Basin Plan Region 7 Basin Plan Region 8 Basin Plan Region 9 Basin Plan			

Combined Risk Level Matrix			
<u>Receiving Water Risk</u>	<u>Sediment Risk</u>		
	Low	Medium	High
	Low	Level 2	
High	Level 2		Level 3

Project Sediment Risk: High

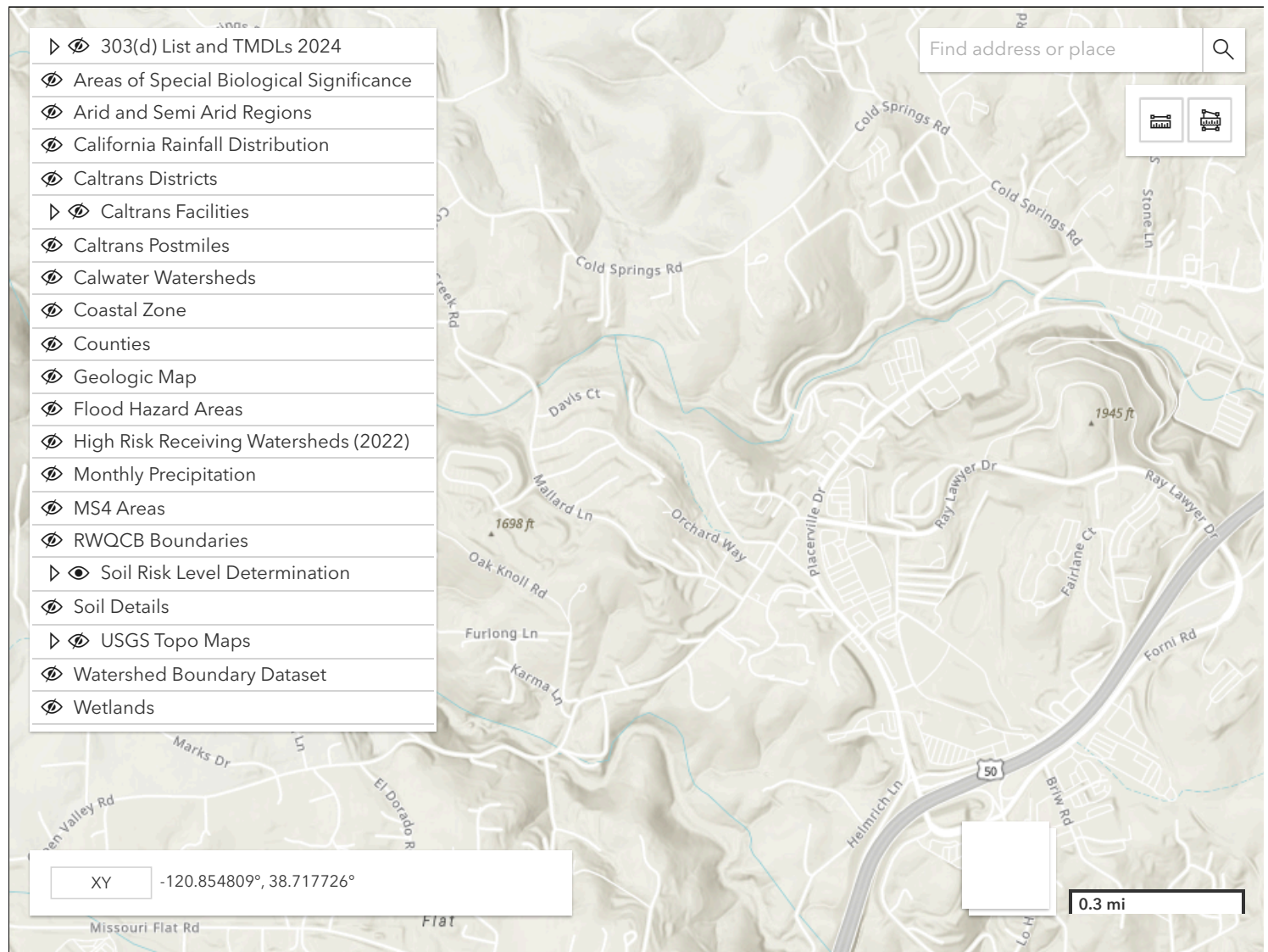
Project RW Risk: Low

Project Combined Risk: Level 2



Caltrans Water Quality Planning Tool

The Water Quality Planning Tool was created to help planners and designers comply with environmental permits. It uses a map interface to find information based on a project's location. **This application is being updated for digital accessibility and will continue to function while updates are in progress.**



Caltrans Postmiles

County: Route:

Rainfall Erosivity Factor (R Factor)

Start Date End Date

For the site at coordinates 38.72928, -120.82239 from 2027-04-01 to 2028-03-31 the R Factor value is **80.06**

The R Factor value comes from the EPA's [Rainfall Erosivity Factor Calculator](#)

Watershed Information

CALWATER WATERSHED

Hydrologic Unit	AMERICAN RIVER	Hydrologic Area	South Fork American	Hydrologic Sub-Area #	514.31
Hydrologic Sub-Area Name	Weber Creek	Planning Watershed	5514310201	HSA Area (acres)	64154
Latitude, Longitude	38.72928, -120.82239				

WATERSHED BOUNDARY DATASET

TMDLs & 303(d) Listed Water Bodies (2024 List)

Key: Water body on 303(d) list Water body with a TMDL

Name	Pollutant	Size	Sources	Status
No listings found.				

Water Quality Objectives

The following waterbodies are in or near HSA 514.31. Click on the waterbody to get information on water quality objectives and beneficial uses

Waterbody Name	Beneficial Uses	Sediment-Sensitive Waterbody
American River - Placerville to Folsom Lake	AGR, COLD, MUN, POW, REC1, REC2, WARM, WILD	False
American River, South Fork - Source to Placerville	COLD, MUN, POW, REC1, REC2, SPWN, WARM, WILD	False
Consumnes River - Nashville Reservoir (Proposed)	COLD, MIGR, MUN, POW, REC1, REC2, SPWN, WARM, WILD	True
Consumnes River - Sources to Nashville Reservoir (Proposed)	AGR, COLD, MUN, REC1, REC2, SPWN, WILD	False
Cosumnes River - Source to Delta	AGR, COLD, MUN, REC1, REC2, SPWN, WARM, WILD	False
Other Lakes and Reservoirs (6)	AGR, COLD, MUN, POW, PROC, REC1, REC2, SPWN, WARM, WILD	False

Caltrans Facilities

MAINTENANCE STATIONS

Name	Address
Placerville	3065 Blairs Lane
Camino	Hwy 50 PM 27.9

FREEWAYS AND HIGHWAYS

Route Length (miles)	
49	10.2
50	22
193	0

PARK & RIDE LOTS

Name	District	County	Route	Post Mile
HWY 50 AT CAMINO HEIGHTS	3	ED	50	23.266
SHINGLE SPRINGS DRIVE	3	ED	50	R10.35
MISSOURI FLAT ROAD	3	ED	50	R15
GREENSTONE RD	3	ED	50	R12.19

REST AREAS

Name	District	County	Route	Post Mile
------	----------	--------	-------	-----------

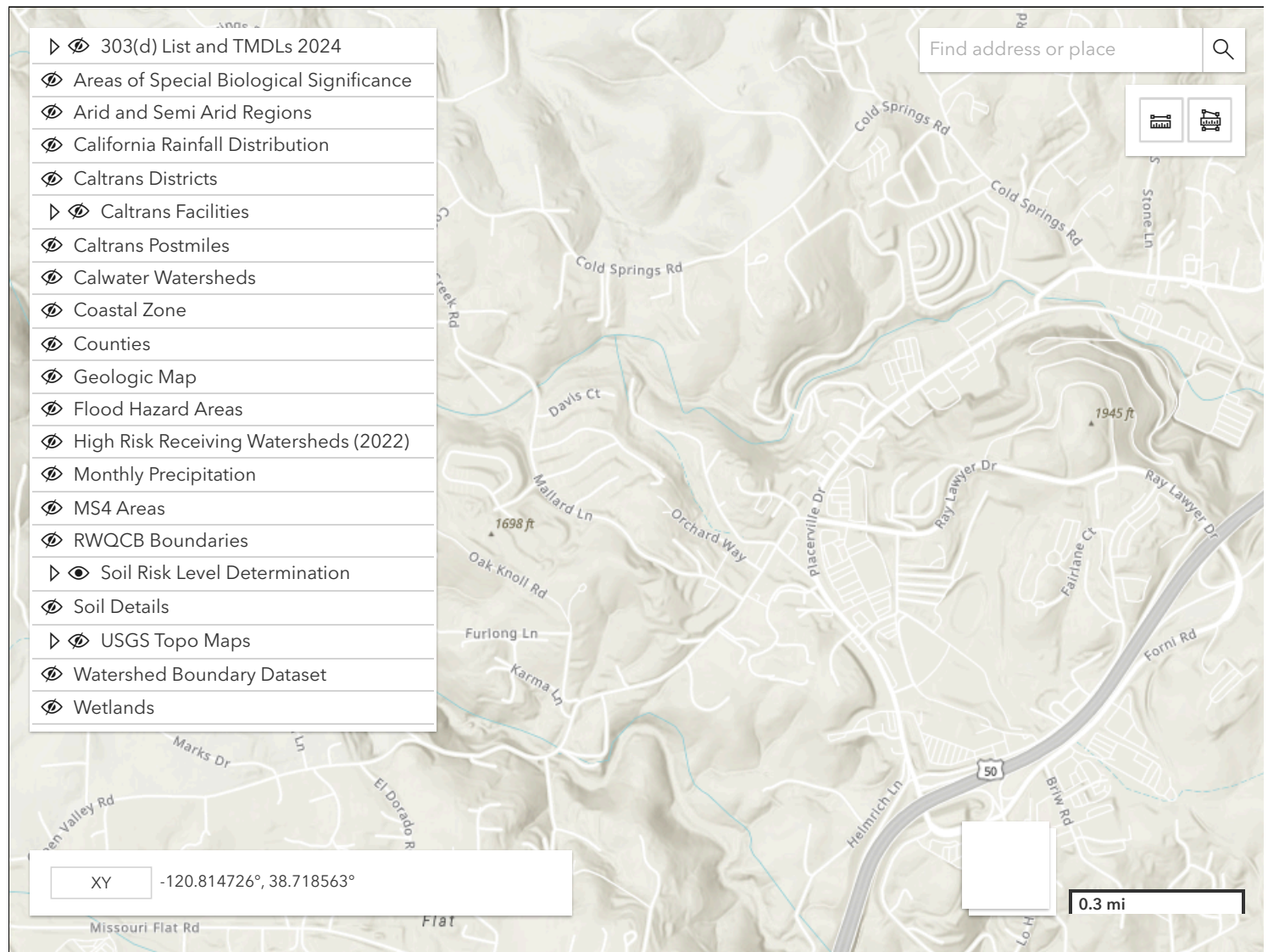
Additional Information

- [Help](#) for the Water Quality Planning Tool
- [Precipitation Frequency](#) data from NOAA ATLAS 14
- [TMDL](#) information from the SWRCB
- [Construction General Permit Order 2009-0009-DWQ](#) information from the SWRCB
- [2022 Construction Stormwater General Permit Reissuance](#) information from the SWRCB
- [Risk level determination worksheet](#) from the SWRCB
- [Groundwater Depth](#) information from the California Department of Water Resouces
- R Factor erosivity [calculations](#) from the EPA



Caltrans Water Quality Planning Tool

The Water Quality Planning Tool was created to help planners and designers comply with environmental permits. It uses a map interface to find information based on a project's location. **This application is being updated for digital accessibility and will continue to function while updates are in progress.**



Caltrans Postmiles

County: Route:

Rainfall Erosivity Factor (R Factor)

Start Date End Date

For the site at coordinates 38.72928, -120.82239 from 2028-04-01 to 2028-10-31 the R Factor value is **13.94**

The R Factor value comes from the EPA's [Rainfall Erosivity Factor Calculator](#)

Watershed Information

CALWATER WATERSHED

Hydrologic Unit	AMERICAN RIVER	Hydrologic Area	South Fork American	Hydrologic Sub-Area #	514.31
Hydrologic Sub-Area Name	Weber Creek	Planning Watershed	5514310201	HSA Area (acres)	64154
Latitude, Longitude	38.72928, -120.82239				

WATERSHED BOUNDARY DATASET

TMDLs & 303(d) Listed Water Bodies (2024 List)

Key: Water body on 303(d) list Water body with a TMDL

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American River, South Fork - Source to Placerville	COLD, MUN, POW, REC1, REC2, SPWN, WARM, WILD	False
Consumnes River - Nashville Reservoir (Proposed)	COLD, MIGR, MUN, POW, REC1, REC2, SPWN, WARM, WILD	True
Consumnes River - Sources to Nashville Reservoir (Proposed)	AGR, COLD, MUN, REC1, REC2, SPWN, WILD	False
Cosumnes River - Source to Delta	AGR, COLD, MUN, REC1, REC2, SPWN, WARM, WILD	False
Other Lakes and Reservoirs (6)	AGR, COLD, MUN, POW, PROC, REC1, REC2, SPWN, WARM, WILD	False

Caltrans Facilities

MAINTENANCE STATIONS

Name	Address
Placerville	3065 Blairs Lane
Camino	Hwy 50 PM 27.9

FREEWAYS AND HIGHWAYS

Route Length (miles)	
49	10.2
50	22
193	0

PARK & RIDE LOTS

Name	District	County	Route	Post Mile
HWY 50 AT CAMINO HEIGHTS	3	ED	50	23.266
SHINGLE SPRINGS DRIVE	3	ED	50	R10.35
MISSOURI FLAT ROAD	3	ED	50	R15
GREENSTONE RD	3	ED	50	R12.19

REST AREAS

Name	District	County	Route	Post Mile
------	----------	--------	-------	-----------

Additional Information

- Help for the Water Quality Planning Tool
- Precipitation Frequency data from NOAA ATLAS 14
- TMDL information from the SWRCB
- Construction General Permit Order 2009-0009-DWQ information from the SWRCB
- 2022 Construction Stormwater General Permit Reissuance information from the SWRCB
- Risk level determination worksheet from the SWRCB
- Groundwater Depth information from the California Department of Water Resouces
- R Factor erosivity calculations from the EPA

Appendix D California Stormwater Quality Association BMP Checklist

WORKSHEET 1

Facility Name:

Site Address:

Contact Name:

Phone:

1. **ACTIVITIES** – In the table below check each activity present at the site and evaluate its **potential for pollutant discharge (PPD)**: 1 = high potential, 2= medium potential, 3= low potential
2. **BMP EFFECTIVENESS** – In the table below, provide an effectiveness rating using the provided scale.

ACTIVITY AND BMP CHECKLIST				
	APPLICABLE ACTIVITY			EFFECTIVENESS RATING *
	Yes	No	PPD	
A. VEHICLE AND EQUIPMENT FUELING BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
B. VEHICLE AND EQUIPMENT WASHING/STEAM CLEANING BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
C. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
D. OUTDOOR LOADING/UNLOADING OF MATERIALS BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
E. OUTDOOR CONTAINER STORAGE OF LIQUIDS BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
F. OUTDOOR PROCESS EQUIPMENT OPERATIONS AND MAINTENANCE BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
G. OUTDOOR STORAGE OF RAW MATERIALS BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
H. WASTE HANDLING AND DISPOSAL BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
I. BUILDING AND GROUNDS MAINTENANCE BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
J. PARKING/STORAGE AREA MAINTENANCE BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
K. OVER WATER ACTIVITIES BMPs employed:	[]	[]	[]	① ② ③ ④ ⑤
L. OTHER (describe):	[]	[]	[]	① ② ③ ④ ⑤

- *① No BMPs used and stormwater pollution likely ② Some BMPs used but not effective ③ Some BMPs used and moderately effective
 ④ Source control BMPs used and very effective/structural BMPs needed ⑤ All necessary BMPs used and very effective

3. TYPE AND QUANTITY OF MATERIALS USED

Material	Typical Quantity/Frequency	Is Stored Material Likely to Generate Pollutants
----------	----------------------------	--

4. HISTORY OF SPILLS AND LEAKS

- a) Is there a chronic history of spills and leaks? _____

Section 2

Stormwater Pollution Prevention Planning for Municipal Operations

- b) Is there no evidence of leaks and drips from equipment and machinery? _____
- c) Is there a spill prevention and response team? _____
- d) Are appropriate spill containment and cleanup materials kept on-site and in convenient locations? _____
- e) Are cleanup procedures for spills followed regularly and correctly? _____
- f) Are used absorbent materials removed and disposed of in a timely manner? _____
- g) Are personnel regularly trained in the use of spill control materials? _____

5. NON-STORMWATER DISCHARGES

- a) Outfall directly observed during assessment _____
- b) Are BMPs implemented to prevent, treat, or control non-stormwater discharges? _____
- c) Is there a potential for non-stormwater discharges (i.e. non-stormwater sources observed without BMPs implemented) _____

6. SIZE OF FACILITY (incorporating the size of a facility serves as a surrogate measure for flow)

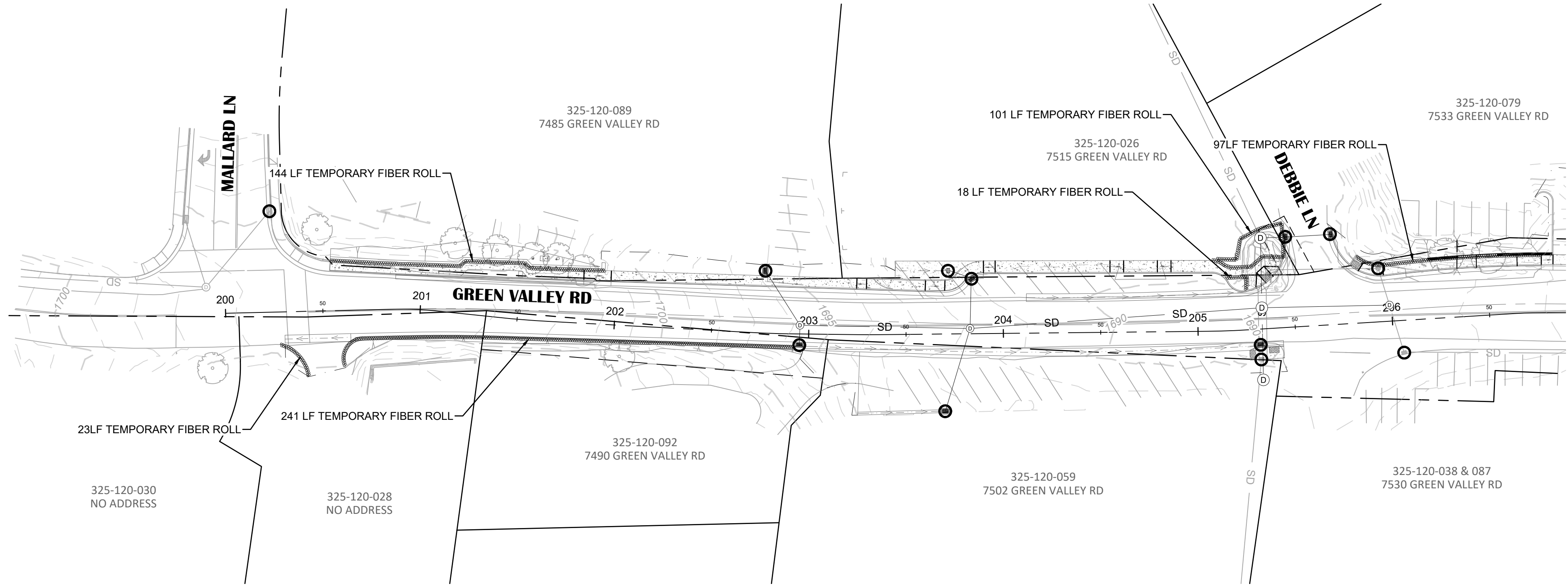
- a) Total area _____
- b) The impervious area (including parking lot) is _____

7. PROXIMITY TO RECEIVING WATER

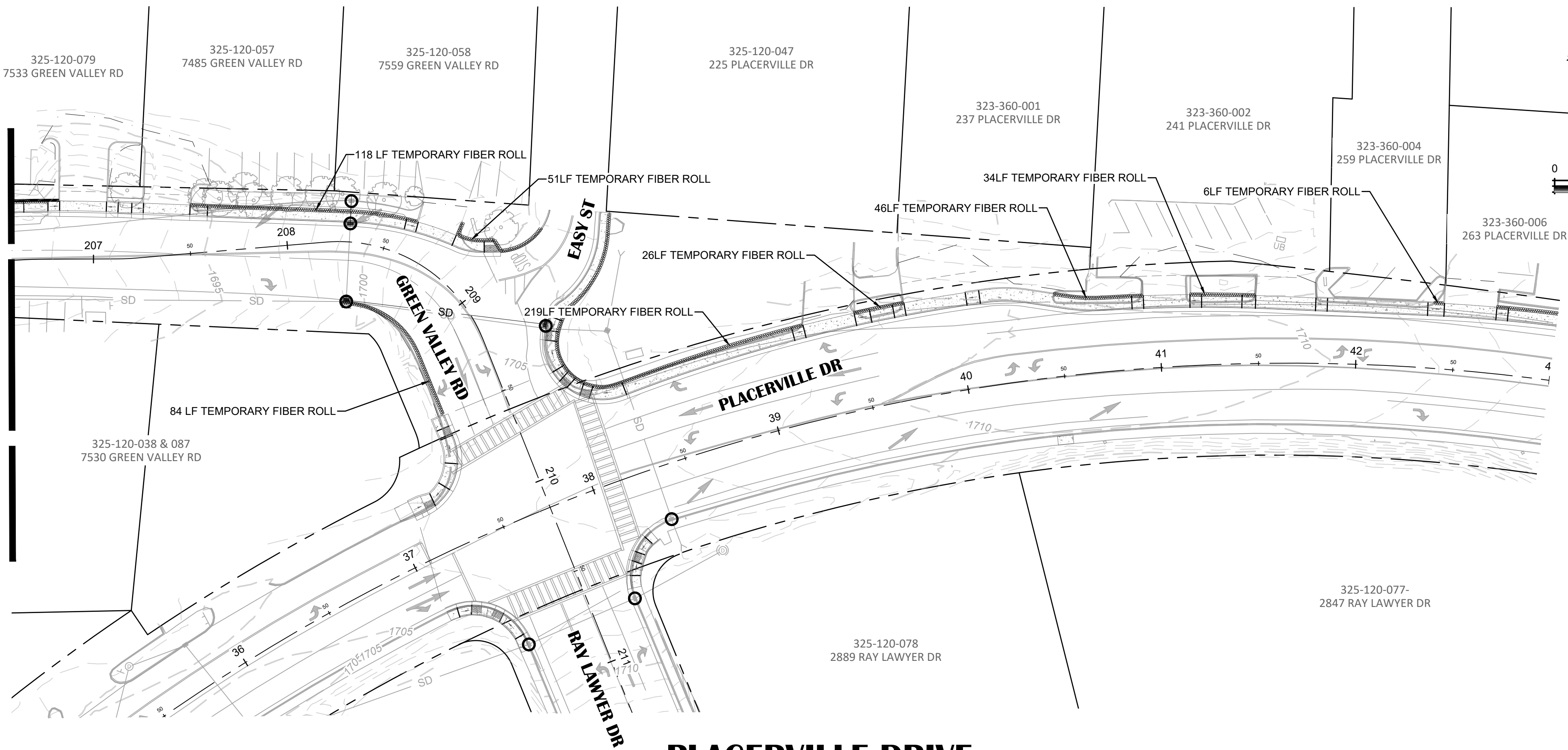
Does the facility discharge directly or adjacent to a 303(d) water body or other environmentally sensitive area? _____

Appendix E Temporary Water Pollution Control Plans

N:\2332 - Drake Haglan\004 - Placerville Drive\10 - CAD Drawings\Improvement Plans\2332.004 - TEMPORARY WATER POLLUTION CONTROL.dwg Jun 12, 2024 - 4:05pm, gramos



GREEN VALLEY ROAD



PLACERVILLE DRIVE

SHEET LEGEND

SYMBOL	DESCRIPTION
	TEMPORARY DI PROTECTION PER DETAIL 2, SHEET C61
	TEMPORARY FIBER ROLL PER DETAIL 1 ON SHEET C61

SHEET NOTES:

- TEMPORARY FIBER ROLL SHOWN IN APPROXIMATE LOCATION.
- TEMPORARY FIBER ROLL SHALL BE PLACED AT THE TOP OR TOES OF SLOPES ADJACENT TO THE WORK ZONE.



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Civil Engineers & Land Surveyors Remote Sensing
905 Sutter Street, Suite 200, Placerville, CA 95630
(916) 366-3040 Fax: (916) 366-3303

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
TEMPORARY WATER POLLUTION CONTROL PLAN
PLACERVILLE DRIVE STA 37+00 TO 43+00 & GREEN VALLEY ROAD
CITY OF PLACERVILLE CALIFORNIA

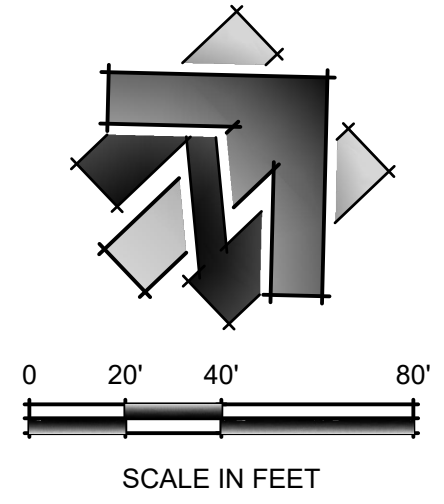
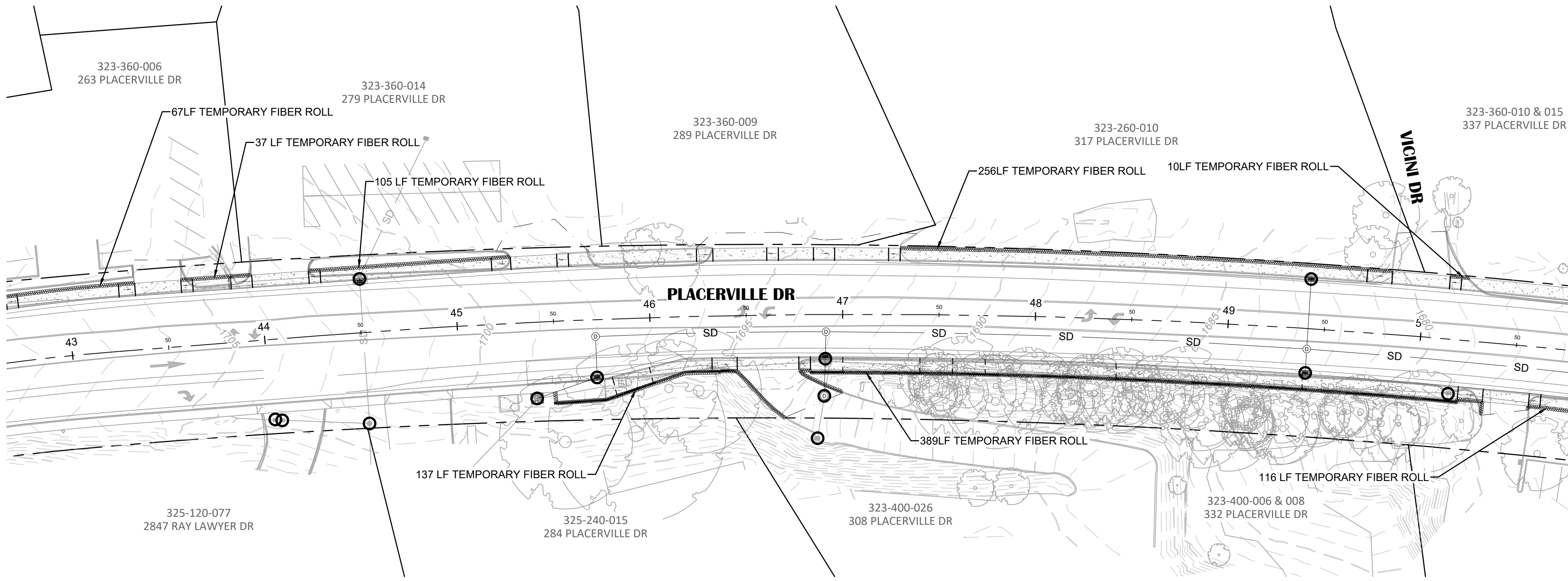
ENGINEER'S STAMP



DRAWING INFO

DATE: 06/10/2024
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/JCS/SDM/GVR
REVIEWER: JWE

PROJECT NO.
CIP# 41816
SHEET NO. **C62** OF **C65**



<u>SHEET LEGEND</u>	
SYMBOL	DESCRIPTION
	TEMPORARY DI PROTECTION PER DETAIL 2, SHEET C61
	TEMPORARY FIBER ROLL PER DETAIL 1 ON SHEET C61

NO.	REVISION	DESCRIPTION	CHECKED BY	DATE
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NOT FOR CONSTRUCTION				

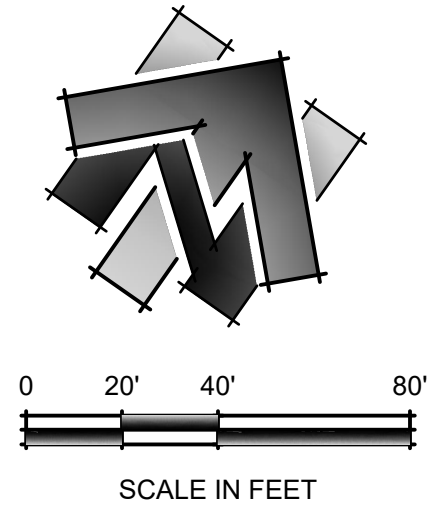
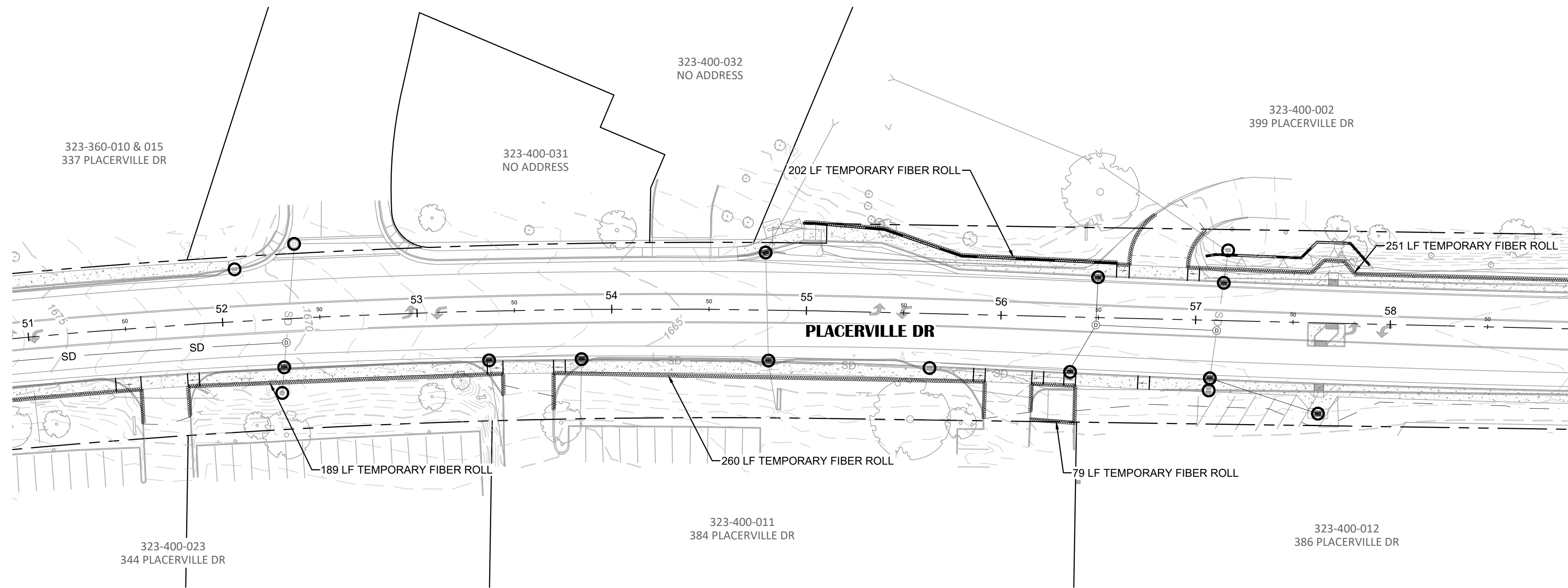
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VERT. SCALE: N/A



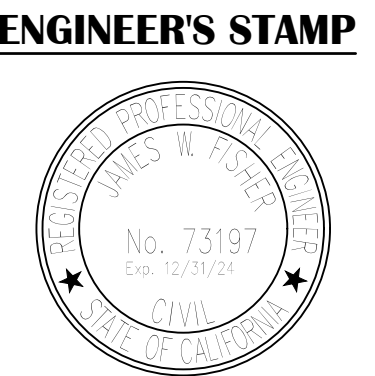
SHEET NOTES:

1. TEMPORARY FIBER ROLL SHOWN IN APPROXIMATE LOCATION.
2. TEMPORARY FIBER ROLL SHALL BE PLACED AT THE TOP OR TOES OF SLOPES ADJACENT TO THE WORK ZONE.

PLACERVILLE DRIVE



PLACERVILLE DRIVE

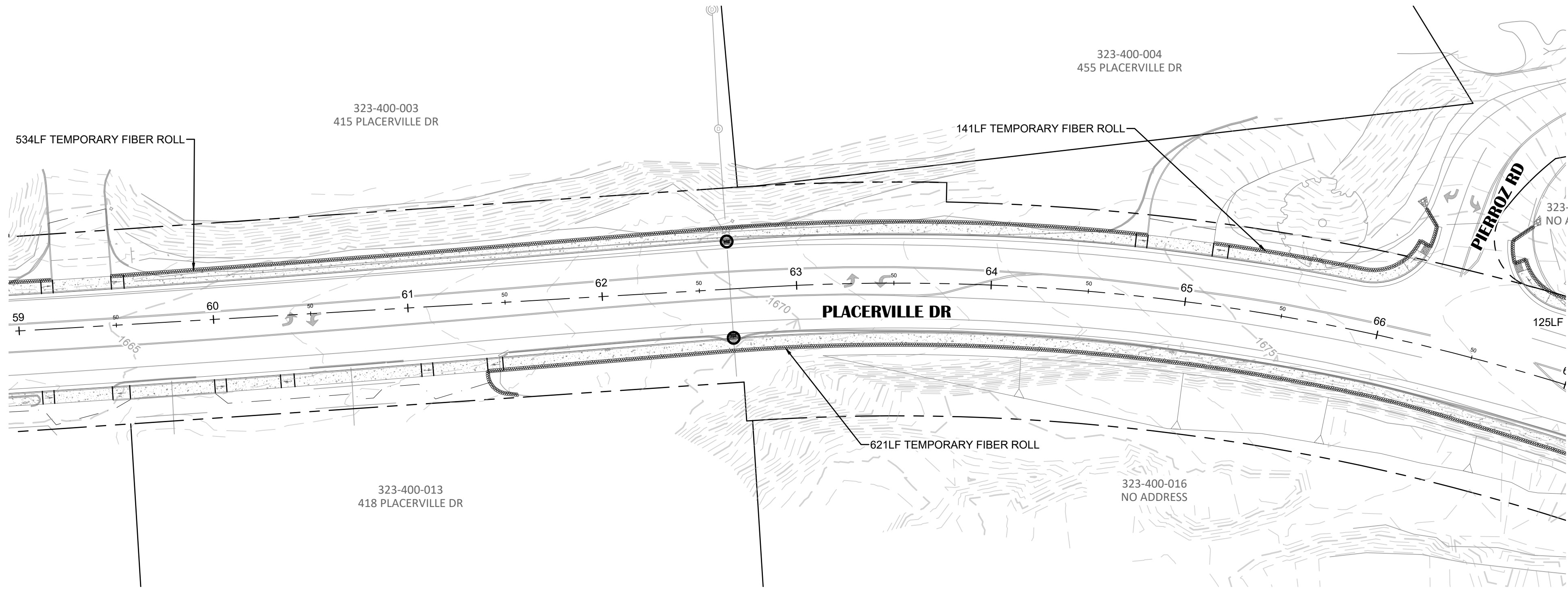


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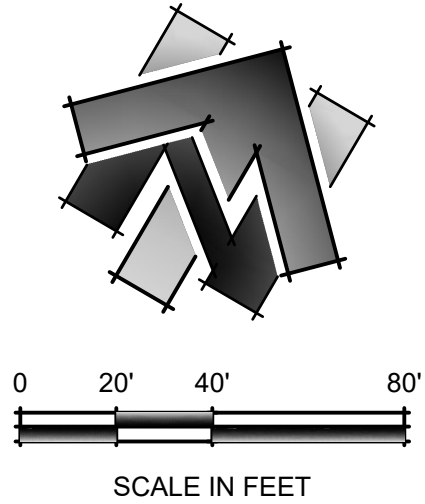
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DRAFTER:	JCQ/GVR/SDM
DESIGNER:	VGM/JCQ/SDM/GVR
REVIEWER:	JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C63** OF **C65**

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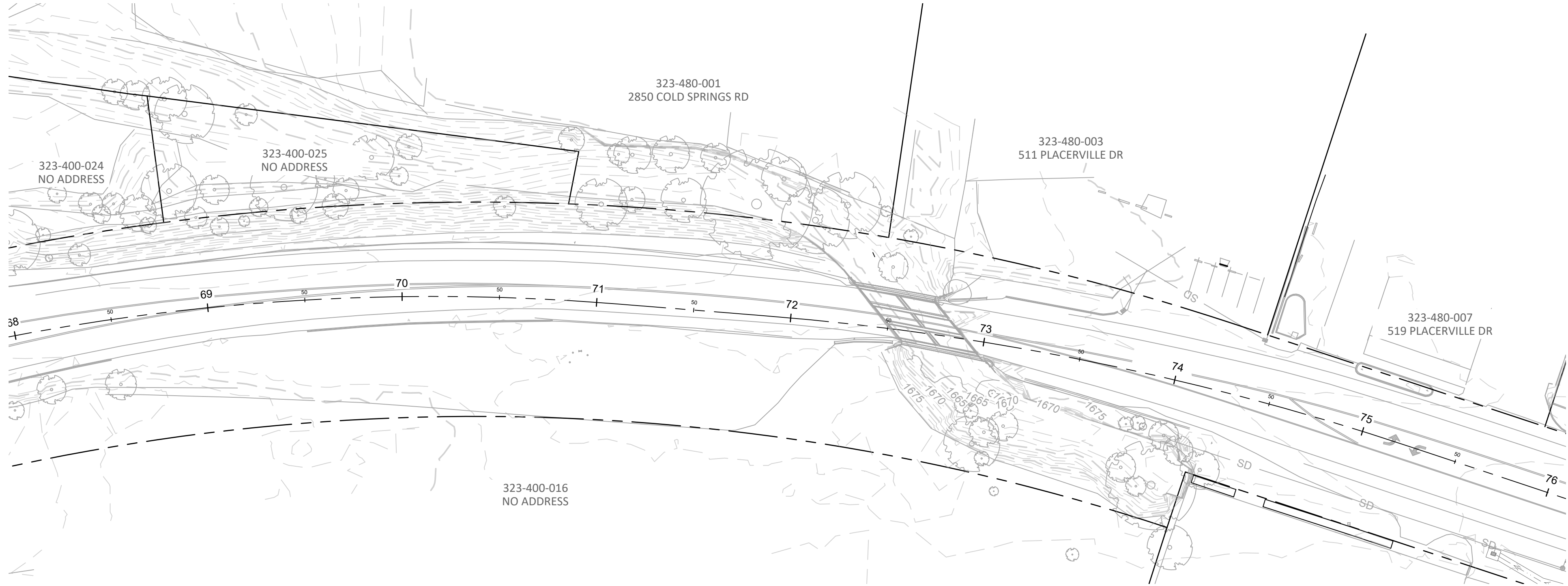


PLACERVILLE DRIVE

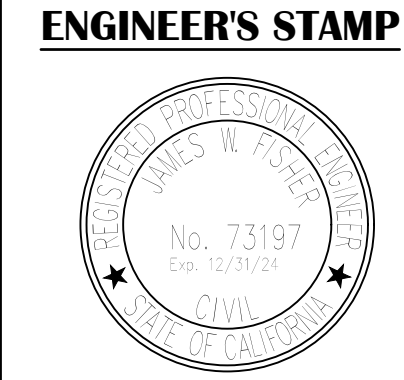
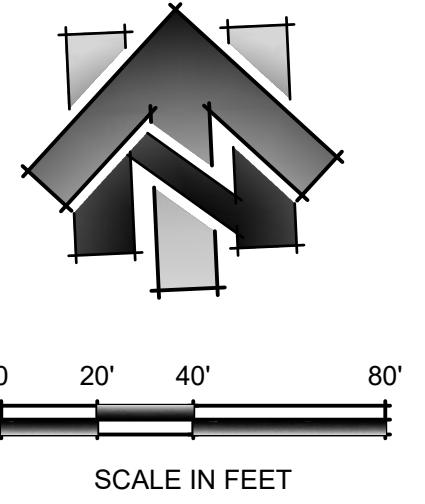


SHEET LEGEND	
SYMBOL	DESCRIPTION
	TEMPORARY DI PROTECTION PER DETAIL 2, SHEET C61
	TEMPORARY FIBER ROLL PER DETAIL 1 ON SHEET C61

- SHEET NOTES:**
- TEMPORARY FIBER ROLL SHOWN IN APPROXIMATE LOCATION.
 - TEMPORARY FIBER ROLL SHALL BE PLACED AT THE TOP OR TOES OF SLOPES ADJACENT TO THE WORK ZONE.



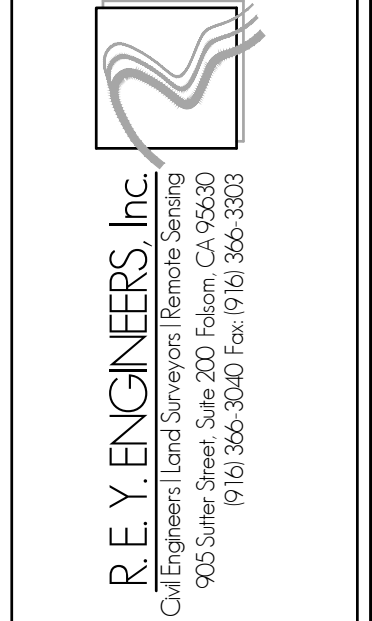
PLACERVILLE DRIVE



DRAWING INFO
DATE: 06/10/2024
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/UCS/DMG/GVR
REVIEWER: JWF

PROJECT NO.
CIP# 41816
SHEET NO. **C64** OF **C65**

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
TEMPORARY WATER POLLUTION CONTROL PLAN
PLACERVILLE DRIVE - STA 59+00 TO 76+00
CITY OF PLACERVILLE CALIFORNIA

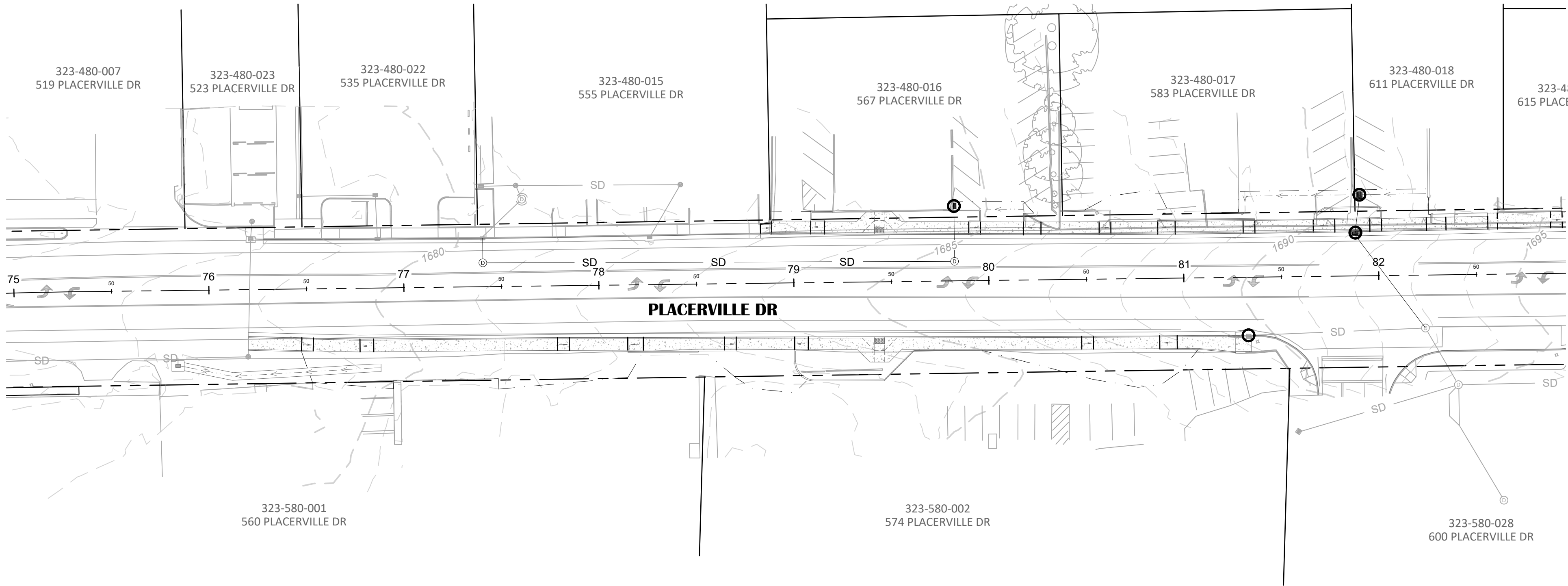


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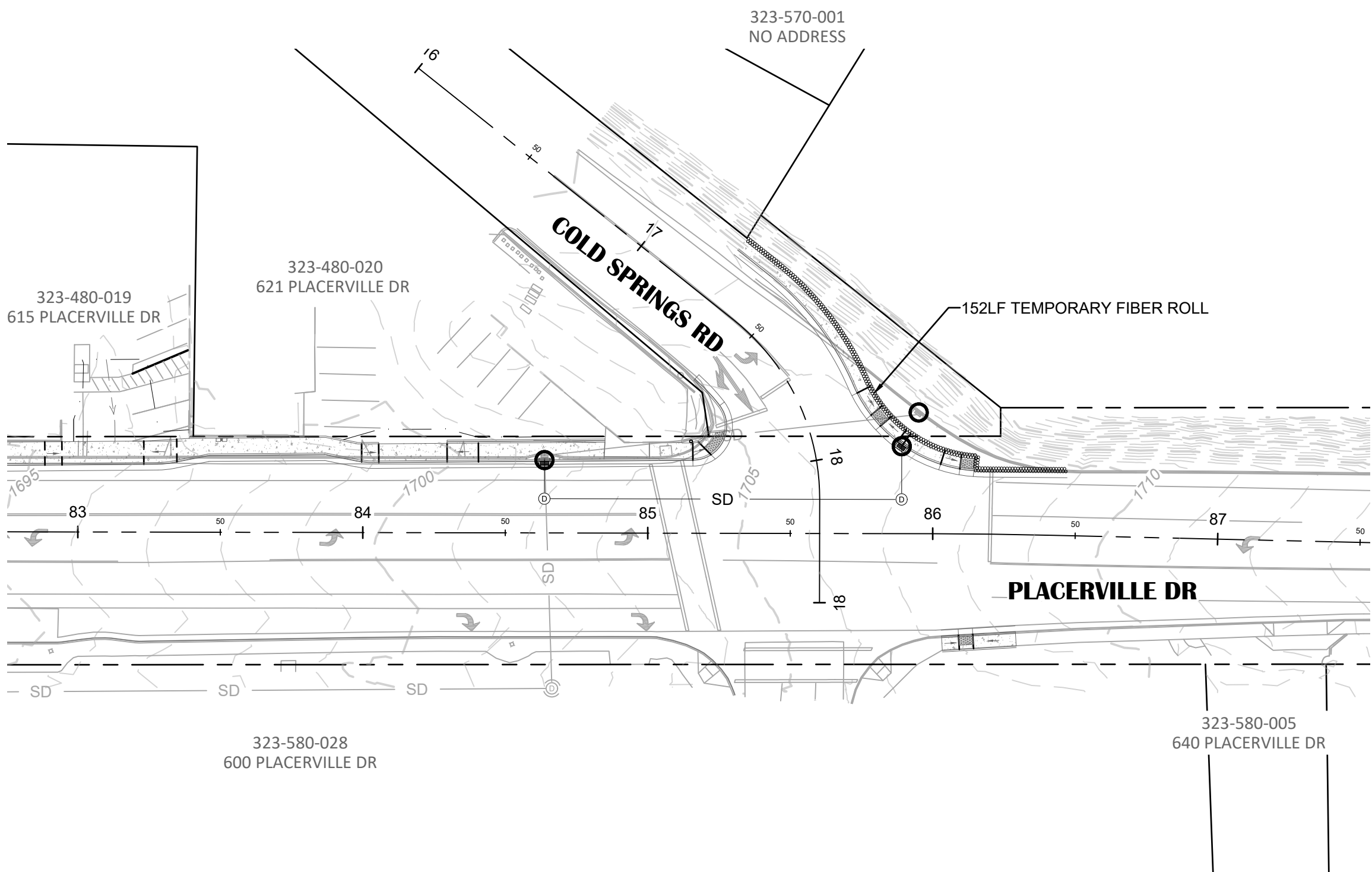
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NOT FOR CONSTRUCTION

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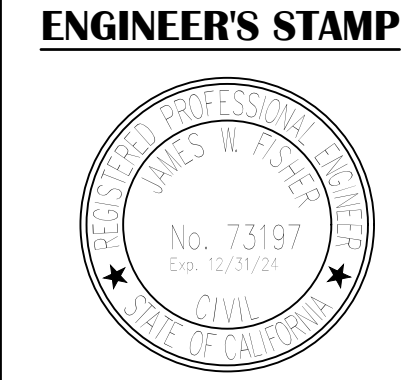
PLACERVILLE DRIVE



PLACERVILLE DRIVE

SHEET LEGEND	
SYMBOL	DESCRIPTION
	TEMPORARY DI PROTECTION PER DETAIL 2, SHEET C61
	TEMPORARY FIBER ROLL PER DETAIL 1 ON SHEET C61

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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BICYCLE AND PEDESTRIAN FACILITIES
TEMPORARY WATER POLLUTION CONTROL PLAN
PLACERVILLE DRIVE - STA 76+00 TO 87+50
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 06/10/2024
DRAFTER: JCG/GVR/SDM
DESIGNER: JGM/UCS/DMG/GVR
REVIEWER: JWE

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VERT. SCALE: N/A

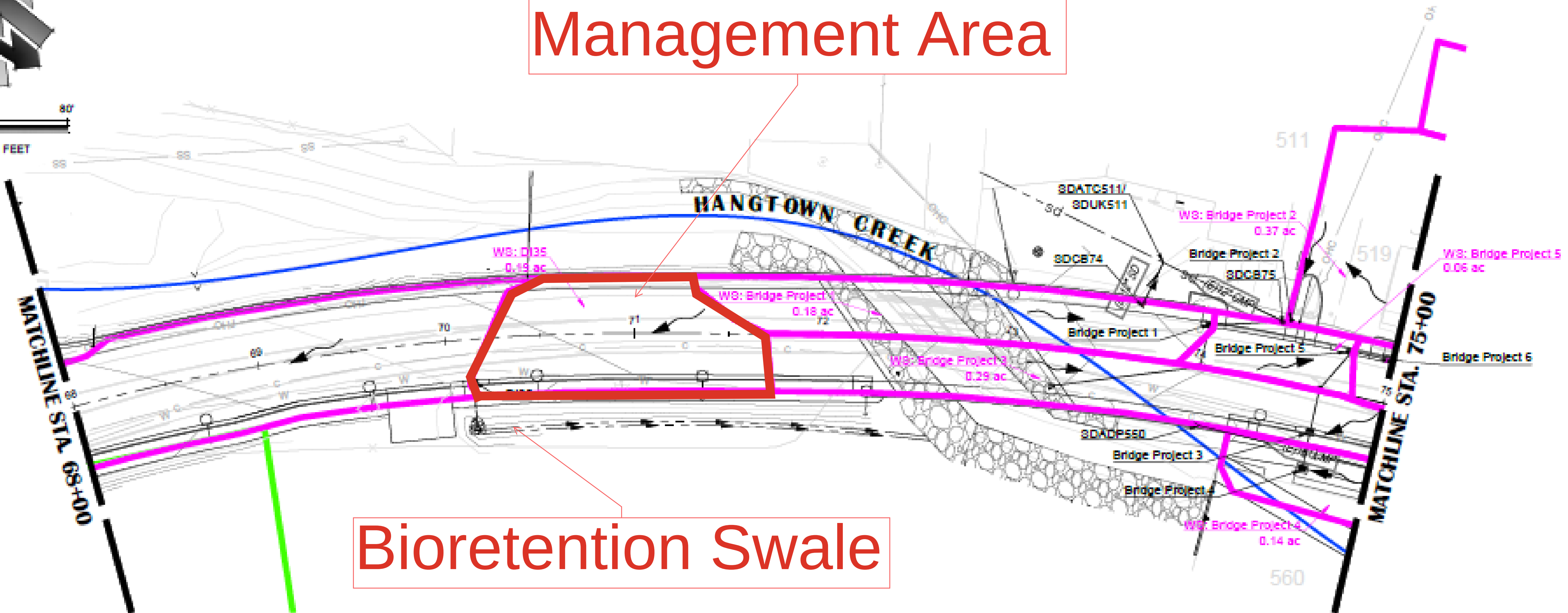
NO REVISION DESCRIPTION
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NOT FOR CONSTRUCTION

CHECKED BY DATE

Appendix F Drainage Management Area



Drainage
Management Area



Bioretention Swale

PLACERVILLE DRIVE

Appendix G Treatment Measure Calculations

Normal Depth Calculations for Channels using Manning's Equation

Station:

Ditch

Q25

Input Values		
Height	0.82	ft
Width	2	ft
Left Side Slope	4.0	:1 (h:v)
Right Side Slope	3.45	:1 (h:v)
Mannings	0.25	
Slope	0.003	ft/ft
Design Flow	0.07	cfs

Normal Depth for Channel		
Depth	0.241	ft
Cross Sectional Area	0.70	ft ²
Wetted Perimeter	3.86	ft
Hydraulic Radius, Rh	0.18	ft
Velocity	0.10	ft/s
Flow for 25-yr Storm	0.07	cfs
Goal Seek	0.00	

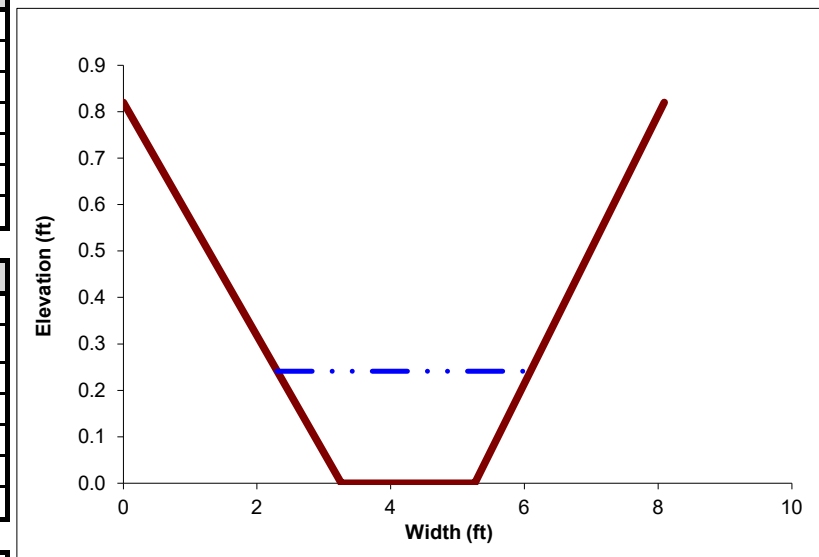
Length	238.00	ft
Intensity	0.39	in/hr

Tributary area for paved areas		
8,185	square feet	
0.2	acre	
1	C for paved areas	

Tributary area for unpaved areas		
0	square feet	
0.0	acre	
0.41	C for unpaved areas	

Composite area		
8,185	square feet	
0.2	acre	
1.00	C for composite areas	

Energy head (He)	0.24	ft
Required Freeboard	0.05	ft
Design Freeboard	0.58	ft
Passes Freeboard?	Yes	
HRT	38.06	min



Factor of Safety 2

Subcritical Flow