Agenda Item A.6
CONSENT CALENDAR
Meeting Date: September 2, 2025

TO: Mayor and Councilmembers

SUBMITTED BY: Luz "Nina" Buelna, Public Works Director

PREPARED BY: Michael Winnewisser, Project Manager

SUBJECT: Approve the Plans and Specifications and Award of Construction Contract for the San Jose Creek Multipurpose Path Project

RECOMMENDATIONS:

A. Approve the Plans and Specifications for the San Jose Creek Multipurpose Path Project;

B. Award and authorize the City Manager to execute a Construction Contract with Granite Construction, Inc. for the San Jose Creek Multipurpose Path Project, in the not-to-exceed amount of $24,816,757.00 subject to the requirements of the contract documents;

C. Authorize the Public Works Director to approve contract change orders for the San Jose Creek Multipurpose Path Project in an amount not to exceed $2,481,675.70; and

D. Authorize the City Manager, or designee, to apply for and enter into or amend any necessary utility and service agreements associated with the San Jose Creek Multipurpose Path Project at any amount that is supported by the project budget.

BACKGROUND:

The San Jose Creek Multipurpose Path Project (Capital Improvement Program Project No. 9006), an Active Transportation Program (ATP) project, will construct a multipurpose path adjacent to the San Jose Creek connecting areas north of U.S. Route 101 with the Class I Atascadero Creek Bikeway (Obern Trail) east of State Route 217.

The City of Goleta (City) was awarded approximately $18 million in ATP, made up of both federal and state funds, at the California Transportation Commission meeting on January 30, 2019.

Dewberry Engineers, Inc. (Dewberry) was originally selected by a request for qualifications/proposals process early in the project development. Dewberry worked with Public Works staff to complete the Conceptual Design, Environmental Review, and Final Design for the Project.

The California Transportation Committee (CTC) allocated the construction phase ATP funding for the Project at their meeting on March 22, 2024. On February 18, 2025, Council authorized staff to advertise the project for Bids.

On March 18, 2025, the City awarded a Construction Management contract for $2,853,654 to Unico Engineering, Inc. for the project.

DISCUSSION:

The Public Works Department solicited competitive bids for the San Jose Creek Multipurpose Path Project in the Santa Barbara Independent on March 27 and April 3, 2025. The bid documents were also posted on the City's website and PlanetBids portal. During the bidding period, the City answered thirty-two (32) bid questions and issued six (6) addenda. The bids were opened virtually via PlanetBids and publicly read aloud at City Hall on May 29, 2025. The City received a total of 2 bids. A summary of the bids and the engineers' estimates is shown in Table 1 below.

Table 1: Bid Results

	Granite Construction, Inc.	Security Paving Company, Inc.	Engineer's Estimate
Base Bid	$24,058,652.50	$25,378,245.75	$27,430,812.30
Bid Alternate 1	$758,104.50	$1,046,458.50	$1,489,117.85
TOTAL:	**$24,816,757.00**	**$26,424,704.25**	**$28,919,930.15**

The engineer's estimate for construction costs of both the Base Bid and Bid Alternate 1 was $28,919,930.15. Granite Construction, Inc. (Granite) is the apparent lowest responsible bidder at $24,816,757.00. The lowest bid amount was 14% under the engineer's estimate, which remains within the acceptable range of industry standards.

Public Works staff is recommending that the City Council approve the plans and specifications, award the construction contract to the lowest responsible bidder, Granite Construction, Inc., for the Base Bid and Bid Alternate 1 for $24,816,757.00, and approve a contingency of $2,481,675.70 for contract change orders, for a total authorized construction cost of $27,298,432.70. Additive Alternate 1 includes work within the Union Pacific Railroad (UPRR) right-of-way and is structured as an additive alternate because this portion of the project remains in final design review with UPRR; awarding it at this time provides the flexibility to proceed with the railroad-related scope once final approvals

are secured. This option would grant staff change order authority for the base bid and the bid alternate and facilitate expedited change orders to prevent construction delays. See Attachment 1 for Construction Contract with Granite Construction, Inc.

FISCAL IMPACTS:

The total estimated costs and funding sources associated with the Project are listed in Table 2. There are sufficient funds in the adopted Fiscal Year 2025/26 budget to cover the costs of construction.

Table 2 – Project Cost Estimate

Project Components	**Estimated Costs**
Conceptual Design	$1,837,267*
Environmental	$978,007*
Final Design	$4,440,983
Land Acquisition	$1,119,000
Construction	$40,860,741
TOTAL:	**$49,235,998**

Funding Source(Fund #)	**Funding Amounts**
TDA (202)	$262,062
Measure A (205)	$4,007,157
Measure A (206)	$1,038,378**
DIF (Transportation 220)	$4,801,571
DIF (Bicycle and Pedestrian 235)	$272,204
RSTP grant (305)	$30,689
ATP Grant - State (318)	$2,669,000
Housing and Community Development (HCD) (319)	$729,866
TCSP – Federal (407)	$76,510
ATP Grant – Federal (418)	$15,290,000
Redevelopment Project Fund (601)	$24,829
Sales Tax Revenue Bond Proceeds (610)	$16,270,203
Local Funding Sources To-be-Determined (Pending $11,157,330 RCP Grant)	$3,763,529***
TOTAL:	**$49,235,998**

*Actual Costs to date

**Includes recent appropriation of $600,000 from Measure A Grant

***If the RCP Grant is awarded, the project budget will be adjusted accordingly. This would allow the City to reallocate a portion of the Sales Tax Revenue Bond proceeds currently programmed for this project to other eligible capital projects.

ALTERNATIVES:

The City Council may elect to reject all bids and direct staff to re-bid the project. Doing so would delay the construction of the project, risk the grant funding, and may result in higher bid costs. The City Council may also elect to award the Base Bid and any or none of the bid alternates.

LEGAL REVIEW BY: Isaac Rosen, City Attorney

APPROVED BY: Robert Nisbet, City Manager

ATTACHMENTS:

1. Construction Contract with Granite Construction, Inc.
2. San Jose Creek Multipurpose Path Project Plans
3. San Jose Creek Multipurpose Path Project Specifications

ATTACHMENT 1

Construction Contract with Granite Construction, Inc.

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PUBLIC WORKS CONTRACT
BETWEEN THE CITY OF GOLETA
AND
GRANITE CONSTRUCTION, INC.

This Public Works Contract (herein referred to as "CONTRACT") is made and entered into by and between the **CITY OF GOLETA**, a municipal corporation (herein referred to as "CITY"), and **GRANITE CONSTRUCTION, INC.** a California Corporation (hereinafter referred to as "CONTRACTOR").

SECTION A. RECITALS

1. Pursuant to the Notice Inviting Sealed Bids for the San Jose Creek Multipurpose Path Project, bids were received, publicly opened, and declared on the date specified in the notice.

2. On September 2, 2025 Goleta's City Council declared CONTRACTOR to be the lowest responsible bidder and accepted the bid of CONTRACTOR and the City Council, approved this CONTRACT and authorized the City Manager to execute the CONTRACT with CONTRACTOR for furnishing labor, equipment, and material for the San Jose Creek Multipurpose Path Project in the City of Goleta.

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants herein contained, it is agreed:

SECTION B. TERMS

1. **GENERAL SCOPE OF WORK: CITY agrees to engage CONTRACTOR and CONTRACTOR** agrees to furnish all necessary labor, tools, materials, appliances, and equipment for and do the work for the San Jose Creek Multipurpose Path Project in the City of Goleta. The work shall be performed in accordance with the Plans and Specifications (and as generally described in the "Notice Inviting Sealed Bids," attached as Exhibit A) and in accordance with bid prices set forth in CONTRACTOR'S Bid Proposal (attached as Exhibit B) and in accordance with the instructions of the City Engineer, or City's Manager's designee.

2. **INCORPORATED DOCUMENTS TO BE CONSIDERED COMPLEMENTARY:** The contract documents for the aforesaid project, a complete set of which is on file with the Goleta City Clerk's Office, shall consist of the Notice Inviting Bids, Instructions to Bidders, Bid Proposal, Standard Specifications, Special Provisions, and all referenced specifications, details, standard drawings, and appendices; together with this CONTRACT and all required bonds, insurance certificates, permits, notices and affidavits; and also, including any and all addenda or supplemental agreements clarifying, amending, or extending the work

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contemplated as may be required to insure its completion in an acceptable manner. All of the provisions of said contract documents are made a part hereof as though fully set forth herein. This contract is intended to require a complete and finished piece of work and anything necessary to complete the work properly and in accordance with the law and lawful governmental regulations shall be performed by CONTRACTOR whether set out specifically in the contract or not. Should it be ascertained that any inconsistency exists between the aforesaid documents and this written CONTRACT, the provisions of this CONTRACT, and the Standard Specifications, in that order, shall control. Collectively, these contract documents constitute the complete CONTRACT between CITY and CONTRACTOR and supersede any previous agreements or understandings.

3. **COMPENSATION:** CONTRACTOR agrees to receive and accept the prices set forth in its Bid Proposal as full compensation for furnishing all materials, performing all work, and fulfilling all obligations hereunder. Said compensation shall cover all expenses, losses, damages, and consequences arising out of the nature of the work during its progress or prior to its acceptance including those for well and faithfully completing the work and the whole thereof in the manner and time specified in the aforesaid contract documents; and also including those arising from actions of the elements, unforeseen difficulties or obstructions encountered in the prosecution of the work, suspension or discontinuance of the work, and all other unknowns or risks of any description connected with the work.

4. **TIME OF PERFORMANCE:** CONTRACTOR agrees to complete the work within the timeframe specified in the Contract Documents from the date of the notice to proceed. By signing this CONTRACT, CONTRACTOR represents to CITY that the contract time is reasonable for completion of the work and that CONTRACTOR will complete such work within the contract time. In accordance with Government Code Section 53069.85, CONTRACTOR agrees to forfeit and pay CITY as liquidated damages, not as a penalty, the sum of $13,200 per day for each and every day of unauthorized delay beyond the completion date, which amount shall be deducted from any payments due or to become due the CONTRACTOR.

5. **PREVAILING WAGES:**

   A. Pursuant to Labor Code Sections §§1720 *et seq*., including but not limited to sections 1771, 1774 and 1775, and as specified in Title 8, California Code of Regulations, Section 16000 et seq., CONTRACTOR must pay its workers prevailing wages. It is CONTRACTOR's responsibility to interpret and implement any prevailing wage requirements and CONTRACTOR agrees

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to pay any penalty or civil damages resulting from a violation of the prevailing wage laws.

B. In accordance with Labor Code Section 1773.2, copies of the prevailing rate of per diem wages are available upon request from CITY's Engineering Division or the website for State of California Prevailing wage determination at http://www.dir.ca.gov/DLSR/PWD. CONTRACTOR must post a copy of the prevailing rate of per diem wages at the job site.

C. CITY directs CONTRACTOR's attention to Labor Code Sections 1777.5, 1777.6 and 3098 concerning the employment of apprentices by CONTRACTOR or any subcontractor.

D. Labor Code Section 1777.5 requires CONTRACTOR or subcontractor employing tradesmen in any apprenticeship occupation to apply to the joint apprenticeship committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a certificate of approval. The certificate must also fix the ratio of apprentices to journeymen that will be used in the performance of the contract. The ratio of apprentices to journeymen in such cases will not be less than one to five except:

(1) When employment in the area of coverage by the joint apprenticeship committee has exceeded an average of 15 percent in the 90 days before the request for certificate, or

(2) When the number of apprentices in training in the area exceeds a ratio of one to five, or

(3) When the trade can show that it is replacing at least 1/30 of its membership through apprenticeship training on an annual basis state-wide or locally, or

(4) When assignment of an apprentice to any work performed under a public works contract would create a condition that would jeopardize his or her life or the life, safety, or property of fellow employees or the public at large, or the specific task to which the apprentice is to be assigned is of a nature that training cannot be provided by a journeyman.

Pursuant to Labor Code § 1776, CONTRACTOR shall comply with all Department of Industrial Relations registration requirements.

E. CONTRACTOR is required to make contributions to funds established for the administration of apprenticeship programs if CONTRACTOR employs

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registered apprentices or journeymen in any apprenticeable trade on such contracts and if other contractors on the public works site are making such contributions.

F. CONTRACTOR and any subcontractor must comply with Labor Code Sections 1777.5 and 1777.6 in the employment of apprentices.

G. Information relative to apprenticeship standards, wage schedules and other requirements may be obtained from the Director of Industrial Relations (DIR), ex-officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

H. CONTRACTOR and its subcontractors must keep an accurate certified payroll records showing the name, occupation, and the actual per diem wages paid to each worker employed in connection with this CONTRACT. The record will be kept open at all reasonable hours to the inspection of the body awarding the contract and to the Division of Labor Law Enforcement. If requested by CITY, CONTRACTOR must provide copies of the records at its cost.

6. **LEGAL HOURS OF WORK:** CONTRACTOR agrees to comply with the provisions of California Labor Code Section 1813 concerning penalties for workers who work excess hours. Except as provided by Labor Code Section 1815, the CONTRACTOR shall, as a penalty to the CITY, forfeit twenty five dollars ($25) for each worker employed in the execution of the Contract by the CONTRACTOR or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than 8 hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 (commencing at Section 1810) of the California Labor Code.

7. **TRAVEL AND SUBSISTENCE PAY**: CONTRACTOR agrees to pay travel and subsistence pay to each worker needed to execute the work required by this CONTRACT as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Labor Code Section 1773.8.

8. **CONTRACTOR'S LIABILITY:** The CITY and its officers, agents and employees (“Indemnitees”) shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof, or for any of the materials or other things used or employed in performing the work; or for injury or damage to any person or persons, either workers or employees of

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CONTRACTOR, of its subcontractors or the public, or for damage to adjoining or other property from any cause whatsoever arising out of or in connection with the performance of the work. CONTRACTOR shall be responsible for any damage or injury to any person or property resulting from defects or obstructions or from any cause whatsoever.

CONTRACTOR will indemnify Indemnities against and will hold and save Indemnitees harmless from any and all actions, claims, damages to persons or property, penalties, obligations or liabilities that may be asserted or claimed by any person, firm, entity, corporation, political subdivision, or other organization arising out of or in connection with the work, operation, or activities of CONTRACTOR, its agents, employees, subcontractors or invitees provided for herein, whether or not there is concurrent passive negligence on the part of CITY. In connection therewith:

a. CONTRACTOR will defend any action or actions filed in connection with any such claims, damages, penalties, obligations or liabilities and will pay all costs and expenses, including attorneys' fees, expert fees and costs incurred in connection therewith.

b. CONTRACTOR will promptly pay any judgment rendered against CONTRACTOR or Indemnitees covering such claims, damages, penalties, obligations and liabilities arising out of or in connection with such work, operations or activities of CONTRACTOR hereunder, and CONTRACTOR agrees to save and hold the Indemnitees harmless therefrom.

c. In the event Indemnitees are made a party to any action or proceeding filed or prosecuted against CONTRACTOR for damages or other claims arising out of or in connection with the work, operation or activities hereunder, CONTRACTOR agrees to pay to Indemnitees and any all costs and expenses incurred by Indemnitees in such action or proceeding together with reasonable attorneys' fees.

CONTRACTOR'S obligations under this section apply regardless of whether or not such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by an Indemnitee. However, without affecting the rights of CITY under any provision of this CONTRACT, Contractor shall not be required to indemnify and hold harmless CITY for liability attributable to the active negligence of CITY, provided such active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where

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CITY is shown to have been actively negligent and where CITY active negligence accounts for only a percentage of the liability involved, the obligation of Contractor will be for that entire portion or percentage of liability not attributable to the active negligence of City.

So much of the money due to CONTRACTOR under and by virtue of the contract as shall be considered necessary by CITY may be retained by CITY until disposition has been made of such actions or claims for damages as aforesaid.

It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California. This indemnity provision shall survive the termination of the CONTRACT and is in addition to any other rights or remedies which Indemnitees may have under the law.

This indemnity is effective without reference to the existence or applicability of any insurance coverage which may have been required under this CONTRACT or any additional insured endorsements which may extend to Indemnitees.

CONTRACTOR, on behalf of itself and all parties claiming under or through it, hereby waives all rights of subrogation and contribution against the Indemnitees, while acting within the scope of their duties, from all claims, losses and liabilities arising out of or incident to activities or operations performed by or on behalf of the CONTRACTOR regardless of any prior, concurrent, or subsequent passive negligence by the Indemnitees.

9. **THIRD-PARTY CLAIMS:** In accordance with Public Contracts Code Section 9201, CITY will promptly inform CONTRACTOR regarding third-party claims against CONTRACTOR, but in no event later than ten (10) business days after CITY receives such claims. Such notification will be in writing and forwarded in accordance with the “Notice” section of this CONTRACT. As more specifically detailed in the contract documents, CONTRACTOR agrees to indemnify and defend the City against any third-party claim.

10. **WORKERS COMPENSATION:** In accordance with California Labor Code Sections 1860 and 3700, CONTRACTOR and each of its subcontractors will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, CONTRACTOR, by signing this contract, certifies as follows: “I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.”

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11. **INSURANCE:** With respect to performance of work under this CONTRACT, CONTRACTOR shall maintain and shall require all of its subcontractors to maintain insurance as required in the Standard Specifications.

12. **ASSIGNMENT:** This CONTRACT is not assignable nor the performance of either party's duties delegable without the prior written consent of the other party. Any attempted or purported assignment or delegation of any of the rights of obligations of either party without the prior written consent of the other shall be void and of no force and effect.

13. **INDEPENDENT CONTRACTOR:** CONTRACTOR is and shall at all times remain as to the CITY, a wholly independent contractor. Neither the CITY nor any of its agents shall have control of the conduct of CONTRACTOR or any of CONTRACTOR'S employees, except as herein set forth. CONTRACTOR shall not at any time or in any manner represent that it or any of its agents or employees are in any manner agents or employees of CITY.

14. **TAXES:** CONTRACTOR is responsible for paying all retail sales and use, transportation, export, import, special or other taxes and duties applicable to, and assessable against any work, materials, equipment, services, processes and operations incidental to or involved in this contract. CONTRACTOR is responsible for ascertaining and arranging to pay them. The prices established in the contract shall include compensation for any taxes CONTRACTOR is required to pay by laws and regulations in effect at the bid opening date.

15. **LICENSES:** CONTRACTOR represents and warrants to CITY that it has all licenses, permits, qualifications, insurance, and approvals of whatsoever nature which are legally required of CONTRACTOR to practice its profession. CONTRACTOR represents and warrants to CITY that CONTRACTOR shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this CONTRACT any licenses, permits, insurance, and approvals which are legally required of CONTRACTOR to practice its profession. CONTRACTOR shall maintain a City of Goleta business license, if required under CITY ordinance.

16. **RECORDS:** CONTRACTOR shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to this CONTRACT and such other records as may be deemed necessary by CITY or any authorized representative, and will be retained for three

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years after the expiration of this CONTRACT. All such records shall be made available for inspection or audit by CITY at any time during regular business hours.

17. **SEVERABILITY:** If any portion of these contract documents are declared by a court of competent jurisdiction to be invalid or unenforceable, then such portion will be deemed modified to the extent necessary in the opinion of the court to render such portion enforceable and, as so modified, such portion and the balance of this CONTRACT will continue in full force and effect provided that it does not frustrate the mutual intent of the parties herein.

18. **WHOLE AGREEMENT:** This CONTRACT supersedes any and all other agreements either oral or written, between the parties and contains all of the covenants and agreements between the parties pertaining to the work of improvements described herein. Each party to this contract acknowledges that no representations, inducements, promises or agreements, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which are not embodied herein, and that any other agreement, statements or promise not contained in this contract shall not be valid or binding. Any modifications of this contract will be effective only if signed by the party to be charged.

19. **AUTHORITY:** CONTRACTOR affirms that the signatures, titles, and seals set forth hereinafter in execution of this CONTRACT represent all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest herein. Each party warrants that the individuals who have signed this CONTRACT have the legal power, right, and authority to make this CONTRACT and to bind each respective party. This CONTRACT may be modified by written amendment. CITY's City Manager may execute any such amendment on CITY's behalf.

20. **NOTICES:** All notices permitted or required under this CONTRACT shall be in writing, and shall be deemed made when delivered to the applicable party's representative as provided in this CONTRACT. Additionally, such notices may be given to the respective parties at the following addresses, or at such other addresses as the parties may provide in writing for this purpose.

    Such notices shall be deemed made when personally delivered or when mailed forty-eight (48) hours after deposit in the U.S. mail, first-class postage prepaid, and addressed to the party at its applicable address. Courtesy copies of notices may be sent via electronic mail, provided that the original notice is deposited in the U.S. mail or personally delivered as specified in this Section.

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CITY OF GOLETA
130 Cremona Drive, Suite B
Goleta, CA 93117
Attn: City Manager

CONTRACTOR
5335 Debbie Lane
Santa Barbara, CA 93111
Attn: James A. Radich, Executive Vice President

21. **DISPUTES:** Disputes arising from this contract will be determined in accordance with the contract documents.

22. **NONDISCRIMINATION:** The CITY reaffirms its ongoing commitment to equality in the conduct of City business, and prohibits any policy, plan, program, custom or practice, including harassment, in the conduct of City business. No discrimination or discriminatory practice shall occur in either employment of persons for, or completion of, the work contemplated by this CONTRACT, when such discrimination is based on race, color, national origin, or ancestry; religion; sex; gender, gender identity, gender expression, or gender transitioning status; physical disability, mental disability, medical condition, or genetic information; marital or domestic partner status; citizenship status; age; sexual orientation; exercising a legally protected right to an employment leave of absence; status as a victim of domestic violence, sexual assault, or stalking; reproductive health decision-making, or any other classification protected under state or federal law. Among other possible violations of law, a violation of this section exposes CONTRACTOR to the penalties provided for in Labor Code Section 1735.

23. **PAPER PRODUCTS AND PRINTING REQUIREMENTS:** To the extent this contract provides paper products, and printing and writing paper for the City, CONTRACTOR must meet quality standards and criteria specified in SB 1383, Sections 22150-22154 of the Public Contract Code and 16 Code of Federal Regulations (CFR) Section 260.12 by:
    a. If fitness and quality are equal, provide recycled products, instead of nonrecycled products whenever recycled products are available at the same or a lesser total cost than nonrecycled items.
    b. Provide paper products and printing and writing paper that meet Federal Trade Commission recyclability standard as defined in 16 CFR Section 260.12.
    c. Certify in writing, under penalty of perjury, the minimum percentage of postconsumer material in the paper products and printing and writing

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paper offered or sold to the City. This certification requirement may be waived if the percentage of postconsumer material in the paper products, printing and writing paper, or both can be verified by a product label, catalog, invoice, or a manufacturer or vendor internet website.

d. Certify in writing, on invoices or receipts provided, that the paper products and printing and writing paper offered or sold to the City is eligible to be labeled with an unqualified recyclable label as defined in 16 CFR Section 260.12.
e. Comply with any other requirements in Goleta Municipal Code Section 8.10.900(B).

24. ORGANIC WASTE USE REQUIREMENTS: To the extent this contract provides landscaping maintenance, renovation, and construction services, CONTRACTOR must:

a. Use compost and SB 1383 eligible mulch, as practicable, produced from recovered organic waste, for all landscaping renovations, construction, or maintenance performed for the City, whenever available, and capable of meeting quality standards and criteria specified. SB 1383 eligible mulch used for land application must comply with 14 CCR Section 18993.1 - 18993.4, and must meet or exceed the physical contamination, maximum metal concentration and pathogen density standards specified in 14 CCR Sections 17852(a)(24.5)(A)(1) through (3).
b. Keep and provide records of procurement of recovered organic waste products (either through purchase or acquisition) to the City's Designated Representative, upon completion of projects. Information to be provided must include:
    i. General description of how and where the product was used and if applicable, applied;
    ii. Source of product, including name, physical location, and contact information for each entity, operation, or facility from whom the recovered organic waste products were procured;
    iii. Type of product;
    iv. Quantity of each product; and,
    v. Invoice or other record demonstrating purchase or procurement.
c. Comply with all requirements in Goleta Municipal Code Section 8.10.900(A).

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25. **NO THIRD-PARTY BENEFICIARY:** This CONTRACT and every provision herein is for the exclusive benefit of CONTRACTOR and CITY and not for the benefit of any other party. There will be no incidental or other beneficiaries of any of the CONTRACTOR's or the CITY's obligations under this Contract.

26. **TIME IS OF ESSENCE:** Time is of the essence for each and every provision of the Contract Documents.

27. **ACCEPTANCE OF FACSIMILE OR ELECTRONIC SIGNATURES:** The Parties agree that this CONTRACT, agreements ancillary to this CONTRACT, and related documents to be entered into in connection with this CONTRACT will be considered signed when the signature of a party is delivered by facsimile transmission or scanned and delivered via electronic mail. Such facsimile or electronic mail copies will be treated in all respects as having the same effect as an original signature.

28. **GOVERNING LAW:** This CONTRACT shall be governed by the laws of the State of California, and exclusive venue for any action involving this CONTRACT will be in Santa Barbara County.

29. **FORM FHWA-1273;** The required federal contract provisions applicable to this FHWA funded project are included as Exhibit C to this Contract.

30. **Federal Wage Determinations;** The minimum federal wage determinations applicable to this project are included as Exhibit D in this Contract.

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IN WITNESS WHEREOF, the parties hereto have executed this CONTRACT with all the formalities required by law on the respective dates set forth opposite their signatures.

This CONTRACT is executed on this _____ day of _____, at Goleta, California, and effective as of _____ _____, 20____.

CITY OF GOLETA:

_____
Robert Nisbet, City Manager

ATTEST:

_____
Deborah Lopez, City Clerk

APPROVED AS TO FORM:
ISAAC ROSEN, CITY ATTORNEY

Signed by:
Scott Shapses
4366048AE5424CE...
Scott Shapses, Deputy City Attorney

CONTRACTOR:

Signed by:
Larry Camilleri
5D155F24CA3E448...
Larry Camilleri, Vice President Central Region

CONTRACTOR'S Emergency Phone No. at which contractor can be reached at any time

_____Matt Grimm_____

(805) 331-2545_____

DocuSigned by:
Matthew S Grimm
EBEF0C52D7434CD...
Matt Grimm, Chief Estimator

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State of California License No.

_____89_____

Department of Industrial Relations Registration No.

_____

Business Phone No.

___(805) 964-9951_____

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EXHIBIT A
NOTICE INVITING SEALED BIDS

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NOTICE TO CONTRACTORS
INVITING SEALED BIDS
FOR THE
SAN JOSE CREEK MULTIPURPOSE PATH PROJECT

City Project Number: 9006

Federal Project Number: BRLS-5481(022)

PUBLIC NOTICE IS HEREBY GIVEN that the City of Goleta ("CITY"), invites sealed bids for the above stated project and will receive such bids via electronic transmission on the City of Goleta Planet Bids portal site until **Thursday, May ~~15~~29, 2025 at 3:00 P.M. PST** and will be publicly opened at City of Goleta, 130 Cremona Drive, Suite B, Goleta, CA 93117 and posted promptly thereafter. Late proposals will be rejected. No exceptions.

Copies of the Contract Documents and the Proposal Forms for bidding the project, may be obtained from the PlanetBids Website: https://pbsystem.planetbids.com. Proposals which do not acknowledge addendums to the project documents will be rejected.

All communications relative to this project shall be conducted through PlanetBids. Questions about alleged patent ambiguity of the plans, specifications, or estimate must be asked before bid opening. After bid opening, the CITY does not consider these questions as bid protests.

No pre-bid meeting will be held.

Bidders are advised that, as required by federal law, the City of Goleta is implementing Disadvantaged Business Enterprise (DBE) requirements. Section 2 BIDDING under subsection title DISADVANTAGED BUSINESS ENTERPRISES and Section 5 CONTROL OF WORK under subsection titled SUBCONTRACTING of the Special Provisions cover the DBE requirements.

The DBE contract goal for this project is: 16%

For the Federal training program, the number of trainees or apprentices is: 19

THIS PROJECT IS SUBJECT TO THE "BUY AMERICA" PROVISIONS OF THE SURFACE TRANSPORTATION ASSISTANCE ACT OF 1982 AS AMENDED BY THE INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT OF 1991 AS AMENDED BY TITLE IX OF THE INFRASTRUCTURE INVESTMENT AND JOBS ACT OF 2021 ("BUILD AMERICA, BUY AMERICA ACT").

Pursuant to California Labor Code Section 1773, the City has ascertained the General Prevailing Rate of Wages in the County in which the work is to be done to be as determined by the Director of Industrial Relations of the State of California. Contractor is hereby made aware that information regarding prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: https://www.dir.ca.gov/OPRL/2025-1/PWD/Southern.html. The Contractor is required to post a copy of the applicable wage rates at the job site. Attention is directed to Section 7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC of the State Standard Specifications.

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The Federal minimum wage rates for this project as predetermined by the United States Secretary of Labor are set forth in the Contract Documents and in copies of this book that may be examined at the offices described above where project plans, special provisions, and proposal forms may be seen. Addenda to modify the Federal minimum wage rates, if necessary, will be issued to holders of the Contract Documents. Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations, are referenced but not printed in the general prevailing wage rates.

Attention is directed to the Federal minimum wage rate requirements in the Contract Documents. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, the Contractor and subcontractors shall pay not less that the higher wage rate. The City of Goleta will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Contractor and subcontractors, the Contractor and subcontractors shall pay not less than the Federal minimum wage rate, which most closely approximates the duties of the employees in question.

The California Air Resources Board ("CARB") implemented amendments to the In-Use Off-Road Diesel-Fueled Fleets Regulations ("Regulation") which are effective on January 1, 2024 and apply broadly to all self-propelled off road diesel vehicles 25 horsepower or greater and other forms of equipment used in California. A copy of the Regulation is available at https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2022/off-roaddiesel/appa-1.pdf. Bidders are required to comply with all CARB and Regulation requirements, including, without limitation, all applicable sections of the Regulation, as codified in Title 13 of the California Code of Regulations section 2449 *et seq.* throughout the term of the Project. Bidders must provide, with their Bid, copies of Bidder's and all listed subcontractors the most recent, valid Certificate of Reported Compliance ("CRC") issued by CARB. Failure to provide valid CRCs as required herein may render the Bid non-responsive.

Bidders must be registered on the City of Goleta's PlanetBids portal in order to receive addendum notifications and to submit a bid. Go to PlanetBids for bid results and awards. It is the responsibility of the bidder to submit the bid with sufficient time to be received by PlanetBids prior to the bid opening date and time. Allow time for technical difficulties, uploading, and unexpected delays. **Late or incomplete bids will not be accepted.**

Bid must be accompanied by a bid security in the form of a money order, a certified cashier's check, or bidder's bond executed by an admitted surety, made payable to CITY. The bid security shall be an amount equal to ten percent (10%) of the total annual bid amount included with their proposals as required by California law.

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Note: All bids must be accompanied by a scanned copy of the bid security uploaded to PlanetBids. The original security of the three (3) lowest bidders must be mailed or submitted to the office of the City Clerk at 130 Cremona Drive, Suite B, Goleta, California 93117, in a sealed envelope and be received or postmarked within three (3) City working days after the bid due date and time for the bid to be considered. The sealed envelope should be plainly marked on the outside, "SEALED BID SECURITY FOR SAN JOSE CREEK MULTIPURPOSE PATH PROJECT."

The Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations (DIR) per California Labor Code Section 1771.4, including prevailing wage rates and apprenticeship employment standards. Affirmative action to ensure against discrimination in employment practices on the basis of race, color, national origin, ancestry, sex, or religion will also be required. The CITY hereby affirmatively ensures that all business enterprises will be afforded full opportunity to submit bids in response to this notice and will not be discriminated against on the basis of race, color, national origin, ancestry, sex, or religion in any consideration leading to the award of contract.

In accordance with the California Public Contract Code 20103.5 when federal funds are involved in local agency contracts, no bid shall be invalidated by the failure of the bidder to be licensed in California at the time of bid opening. However, at the time of award, the selected contractor shall be properly licensed in accordance with the laws of the State and the City of Goleta. Contractor shall possess a valid **Class A - General Engineering Contractor** license prior to award of Contract. Said license shall be maintained during the contract period. It is the Bidder's and Contractor's responsibility to obtain the correct Contractor's licenses. Bidders shall be skilled and regularly engage in the general class or type of work called for under this contract.

The successful Bidder will be required to furnish a Performance Bond and a Payment Bond each in an amount equal to 100% of the Contract Price. Each bond shall be in the forms set forth herein, shall be secured from a surety company that meets all State of California bonding requirements, as defined in Code of Civil Procedure Section 995.120, and that is a California admitted surety insurer.

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the DIR. No Bid will be accepted, nor any contract entered into without proof of the contractor's and subcontractors' current registration with the DIR to perform public work. If awarded a contract, the Bidder and its subcontractors, of any tier, shall maintain active registration with the DIR for the duration of the Project. Failure to provide proof of the contractor's current registration pursuant to Labor Code Section 1725.5 may result in rejection of the bid as non-responsive.

The CITY reserves the right to reject all bids, reject any bid that is not responsive to the invitation, or to waive any minor irregularity and to take all bids under advisement for a period of up to ninety (90) working days. Failure to provide proof of the Contractor's current registration pursuant to Section 1725.5 of the Labor Code may result in rejection of the bid as non-responsive.

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Failure to comply with enforcement provisions pursuant to Section 1771.4 of the Labor Code may result in a determination that the Bidder is not responsible.

Bids shall remain open and valid for a period of one hundred twenty (120) calendar days after the Bid Deadline.

Pursuant to Public Contract Code section 22300, the successful bidder may substitute certain securities for funds withheld by CITY to ensure performance under the Contract or, in the alternative, request the CITY to make payment of retention to an escrow agent.

The U.S. Department of Transportation (DOT) provides a toll-free "hotline" service to report bid rigging activities. Bid rigging activities can be reported Mondays through Fridays, between 8:00 a.m. and 8:00 p.m., Eastern Time, Telephone No. 1-800-424-9071. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report these activities. The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially, and caller anonymity will be respected.

Any protest to an intended award of this contract shall be made in writing addressed to the City Clerk prior to the award. Any protest may be considered and acted on by the City Council at the time noticed for award of the contract. To request a copy of the notice of agenda for award, please contact the City Clerk cityclerkgroup@cityofgoleta.org or register on the CITY's website (www.cityofgoleta.org).

CITY OF GOLETA

Deborah S. Lopez, City Clerk

Published:

Santa Barbara Independent: March 27, 2025, and April 3, 2025

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EXHIBIT B
BID PROPOSAL

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SAN JOSE CREEK MULTIPURPOSE PATH

BIDDING SHEET

The cost of all labor, material and equipment necessary for the completion of the work itemized, even though not shown or specified, shall be included in the unit or lump sum prices for the various items shown herein.

The City further reserves the right to reject any or all bids, to waive any informality or irregularity in any bid or the bidding procedure, and to delete any items of work in the award of contract. The City's decision on the bid amount is final.

Bidders must bid on all items in the Bid Schedule including the Supplemental and/or Alternative Bid Items in order for their bids to be complete. The award of contract will be based on the criteria outlined in Section 14 of the Bidding Instructions.

In the case of unit basis items, the amount set forth under the "Item Total" column (total base bid in words) shall be the product of the unit price bid and the estimated quantity for the item.

Bids on lump sum items are item totals. If a unit price of a lump sum item is entered and it differs from the item total, the item total prevails.

Entries are to be expressed in dollars or decimal fractions of a dollar. Symbols such as commas and dollar signs are ignored and have no significance in establishing unit price or item total.

Unit prices and item totals are interpreted by the number of digits and decimal placement. Do not round item totals or the total bid.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price prevails, except as provided in (a) or (b), as follows:

(a) If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same as the amount of the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price;

(b) (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the City's Final Estimate of cost.

If both the unit price and the item total are unreadable or otherwise unclear, or are omitted, the bid may be deemed irregular. Likewise, if the item total for a lump sum item is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular unless the project being bid has only a single item and a clear, readable total bid is provided.

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SAN JOSE CREEK MULTIPURPOSE PATH PROJECT

CITY PROJECT NUMBER: 9006

FEDERAL AID NUMBER: BRLS-5481(022)

CONTRACTOR: Granite Construction

SCHEDULE OF BID ITEMS

SEGMENT 1: NORTHERN SEGMENT

ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
1		999990	MOBILIZATION (NORTHERN SEGMENT) 5% MAX	LS	1	1,002,600	
2		066893A	UTILITY POTHOLING	LS	1	45,000	45,000
3		066893B	UNMARKED UTILITY CROSSINGS	EA	20	1000-	
4		011269	PERVIOUS CONCRETE PAVEMENT	CY	260	1250-	
5		046733	STEEL PEDESTRIAN RAILING	LF	402	330	132,660
6		070000A	CONSTRUCTION STAKING	LS	1	125,000	125,000
7		080060	LEVEL 2 CRITICAL PATH METHOD SCHEDULE (NORTHERN, SOUTHERN, & UPRR SEGMENTS)	LS	1	1050-	
8		100100	DEVELOP WATER SUPPLY	LS	1	10000-	
9		100101A	RESIDENT ENGINEERS OFFICE	LS	1	130000	
10		120090	CONSTRUCTION AREA SIGNS	LS	1	4,500	4,500
11		120100	DEVELOP AND MAINTAIN TRAFFIC CONTROL SYSTEM	LS	1	250,000	
12		120110	FLASHING ARROW SIGN	EA	3	4,400	13,200
13		120116	TYPE II BARRICADE	EA	4	45	180
14		120120	TYPE III BARRICADE	EA	5	180	900
15		120165	CHANNELIZER (SURFACE MOUNTED)	EA	110	45	4,950
16		120320	TEMPORARY BARRIER SYSTEM	LF	900	70-	63000
17		128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	4	8,800	35,200
18		129105	TEMPORARY CRASH CUSHION TL-2	EA	1	4,700	4,700
19		129108	TEMPORARY CRASH CUSHION TL-3	EA	1	5,100	5,100
20		130100	JOB SITE MANAGEMENT	LS	1	20500-	
21		130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	3450-	
22		130310	RAIN EVENT ACTION PLAN	EA	15	500-	
23		130321	STORM WATER SAMPLING AND ANALYSIS DAY	EA	15	160-	
24		130330	STORM WATER ANNUAL REPORT	EA	2	2000-	
25		130505	MOVE IN/MOVE OUT (TEMPORARY EROSION CONTROL)	EA	2	1,360	2,720

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
26		130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SY	4,000	1.08	4,320
27		130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	2	1,250	2,500
28		130640	TEMPORARY FIBER ROLL	LF	3,700	7	25,900
29		130650	TEMPORARY GRAVEL BAG BERM	LF	1,460	30	43,800
30		130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	12500-	25000
31		130730	STREET SWEEPING	LS	1	200,000	
32		130900	TEMPORARY CONCRETE WASHOUT	LS	1	1500-	1500
33		141120	TREATED WOOD WASTE	LB	300	6	1,800
34		146009	RESTORATION CONTRACTOR MITIGATION WORK	LS	1	270,000	270,000
35		160110	TEMPORARY HIGH-VISIBILITY FENCE	LF	2,900	7	20,300
36		170103	CLEARING AND GRUBBING (LS)	LS	1	250,000	
37		190101	ROADWAY EXCAVATION	CY	1,890	200-	378000
38		190139	ROADWAY EXCAVATION (UNSUITABLE MATERIAL)	CY	500	150-	75000
39		192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	2,141	325-	695825
40		193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	945	225-	212625
41		198250	GEOSYNTHETIC REINFORCEMENT	SY	258	35-	9030
42		204099	PLANT ESTABLISHMENT WORK	LS	1	4,900	4,900
43		204031	REMOVE TREE	EA	63	2,500	157,500
44		206XXX	REPAIR/RELOCATE IRRIGATION SYSTEM	LS	1	47,230	47,230
45		208690	PVC PIPE CONDUIT (SLEEVE)	LF	75	7	525
46		210010	MOVE IN/MOVE OUT (EROSION CONTROL)	EA	2	1,360	2,720
47		210212	DRY SEED (SQFT)	SF	13,600	.30	4,080
48		210270	ROLLED EROSION CONTROL PRODUCT (NETTING)	SF	13,600	1.50	20,400
49		210350	FIBER ROLLS	LF	2,600	7	18200
50		260203	CLASS 2 AGGREGATE BASE (CY)	CY	315	325-	102375
51		260304A	3/4" CRUSHED ROCK	CY	305	350-	106750
52		378000	MICROSURFACING (TYPE II)	TON	17	1,250	21,250
53		390132	HOT MIX ASPHALT (TYPE A)	TON	170	275-	46750
54		398001	REMOVE ASPHALT CONCRETE PAVEMENT (SQFT)	SY	60	85-	5100
55		475000	RETAINING WALL STEM (TYPE 6)	SF	364	165-	60060
56		490553	FURNISH STEEL SHEET PILING	SF	525	35	18,375

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
57		490554	DRIVE STEEL SHEET PILING	SF	525	125	45,625
58		510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	480	2,100	1,008,000
59		510092	STRUCTURAL CONCRETE, HEADWALL	CY	15	5000	75000
60		511010	CONCRETE SURFACE TEXTURE (FRACTURED FIN)	SF	2,983	35	104405
61		520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	59,814	1.75	104674.50
62		600025	REMOVE RETAINING WALL (PORTION) (LF)	LF	510	75	38250
63		650014	18" REINFORCED CONCRETE PIPE	LF	195	300	58500
64		650018	24" REINFORCED CONCRETE PIPE	LF	66	325	21450
65		700617	DRAINAGE INLET MARKER	EA	14	100	1400
66		707XXA	OPEN CURB DROP INLET	EA	1	15000	15000
67		707XXB	CONCRETE COLLAR	EA	1	750	750
68		707117	36" CONCRETE PIPE INLET (TYPE OCPI) DI	LF	43	1500	64500
69		707225	48" PRECAST CONCRETE PIPE STORM DRAIN MANHOLE	LF	13	1750	22750
70		710136	REMOVE PIPE (LF)	LF	40	200	8000
71		710150	REMOVE INLET	EA	1	2250	2250
72		710152	REMOVE HEADWALL	EA	1	5500	5500
73		723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A) (CY)	CY	225	350	78750
74		723080	ROCK SLOPE PROTECTION (60LB, CLASS II, METHOD B)(CY)	CY	45	375	16875
75		723096A	ROCK SLOPE PROTECTION (GRAVEL FILTER)	CY	38	275	10450
76		723180	CONCRETED-ROCK SLOPE PROTECTION (60 LB, CLASS II, METHOD B) (CY)	CY	11	850	9350
77		729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SY	180	30	5400
78		730010	MINOR CONCRETE (CURB) (LF)	LF	2,210	55	121550
79		730070	DETECTABLE WARNING SURFACE	SF	32	150	4800
80		731XXX	MINOR CONCRETE (BUS POCKET SLAB)	CY	2	2250	4500
81		731504	MINOR CONCRETE (CURB AND GUTTER)	CY	9	1250	11250
82		731516	MINOR CONCRETE (DRIVEWAY)	CY	3	1500	4500
83		731521	MINOR CONCRETE (SIDEWALK)	CY	27	950	25650
84		731623	MINOR CONCRETE (CURB RAMP)	CY	4	2000	8000
85		731710	REMOVE CONCRETE (CURB) (LF)	LF	340	32	10880
86		731XXX	REMOVE CONCRETE (BUS POCKET SLAB)	SF	105	50	5250
87		731780	REMOVE CONCRETE SIDEWALK (SQYD)	SY	94	110	10340

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
88		731840	REMOVE CONCRETE (CURB AND GUTTER)	LF	86	35-	3010-
89		7802XX	RESET AND/OR SET SURVEY MONUMENTS	LS	1	3,200	3,200
90		780460	ANTI-GRAFFITTI COATING	SF	3,638	29	105502
91		782111	RESET BENCH	EA	1	600-	600-
92		782112	RESET TRASH RECEPTACLE	EA	1	600-	600-
93		800053	DEAD END BARRICADE	LF	26	250-	6500-
94		800103	TEMPORARY FENCE (TYPE CL-6)	LF	55	105	5,775
95		800360	CHAIN LINK FENCE (TYPE CL-6)	LF	1,830	47	86,010
96		801360	12' METAL GATE	EA	2	9,200	18,400
97		802520	6' CHAIN LINK GATE (TYPE CL-6)	EA	2	1,800	3,600
98		803050	REMOVE CHAIN LINK FENCE	LF	650	12.50	8,125
99		803150	RECONSTRUCT CHAIN LINK GATE	EA	1	5,000	5,000
100		803131	RECONSTRUCT DEAD END BARRICADE	LF	24	270	6,480
101		80313X	REMOVE DEAD END BARRICADE	LF	12	100	1,200
102		803221	WOOD RAIL FENCE	LF	360	150	54,000
103		810120	REMOVE PAVEMENT MARKER	EA	22	2	44
104		810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	22	5	110
105		820250	REMOVE ROADSIDE SIGN	EA	4	125	500
106		820610	RELOCATE ROADSIDE SIGN	EA	4	175	700
107		820750	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SF	74	16.50	1,221
108		820840	ROADSIDE SIGN - ONE POST	EA	14	275	3,850
109		820860	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	5	125	625
110		832070	VEGETATION CONTROL (MINOR CONCRETE)	SY	20	500	10,000
111		839521	CABLE RAILING	LF	184	45	8,280
112		839586	ALTERNATIVE CRASH CUSHION	EA	1	50,500	50,500
113		839640	CONCRETE BARRIER (TYPE 60M)	LF	200	375-	75000
114		839750	REMOVE BARRIER	LF	6	1250-	7500-
115		839752	REMOVE GUARDRAIL	LF	62	45-	2790-
116		840515	THERMOPLASTIC PAVEMENT MARKING	SF	770	5	3,850
117		84058X	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	1,710	3.25	5,557.50
118		840583	6" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	1,470	4	5,880

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
119		840584	8" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	70	5.50	385
120		840666	PAINT PAVEMENT MARKING (2-COAT)	SF	240	5	1,200
121		846020	REMOVE PAINTED TRAFFIC STRIPE	LF	1,640	1.25	2,050
122		846025	REMOVE PAINTED PAVEMENT MARKING	SF	220	3	660
123		846035	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	90	6	540
124		X	MODIFYING LIGHTING SYSTEM	LS	1	~~142,380~~ ~~142,380~~ MS6	~~142,380~~ 142,380 MS5
125		X	MODIFYING SIGNAL AND LIGHTING SYSTEM	LS	1	~~81,530~~ MS4 ~~81,530~~ ~~81,530~~ ~~81,530~~ MS5	
TOTAL (ITEMS #1 TO #125)							~~1,741,279~~

SEGMENT 2: SOUTHERN SEGMENT

ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
126		999990	MOBILIZATION (SOUTHERN SEGMENT) 5% MAX	LS	1	~~1,24~~ 1,002,600	1,002,600
127		066893A	UTILITY POTHOLING	LS	1	35,000	35,000
128		066893B	UNMARKED UTILITY CROSSINGS	EA	15	10000	150000
129		044100	REMOVE TEMPORARY CULVERT CLOSURE	EA	2	3000	6000
130		044200	REMOVE SHEET PILING	SF	952	95	90,440
131		070000A	CONSTRUCTION STAKING	LS	1	135,000	135,000
132		070030	LEAD COMPLIANCE PLAN	LS	1	3,000	3,000
133		100100	DEVELOP WATER SUPPLY	LS	1	17500	17500
134		120090	CONSTRUCTION AREA SIGNS	LS	1	7,500	7,500
135		120100	DEVELOP AND MAINTAIN TRAFFIC CONTROL SYSTEM	LS	1	849,728	
136		120101	TRAFFIC CONTROL SUPERVISORS	DAY	105	1,400	147,000
137		120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	18,240	1.25	22,800
138		120166	CHANNELIZER (SURFACE MOUNTED)	EA	15	40	600
139		120204	PORTABLE RADAR SPEED FEEDBACK SIGN SYSTEM DAY	EA	220	45	9,900
140		120300	TEMPORARY PAVEMENT MARKER	EA	390	5	1,950
141		120320	TEMPORARY BARRIER SYSTEM	LF	5,300	30	159000
142		128652	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	1	13,200	13,200
143		128658	END OF QUEUE MONITORING AND WARNING WITH TRUCK MOUNTED CHANGEABLE MESSAGE SIGN DAY	EA	220	450	99,000

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
144		129152	TEMPORARY RADAR SPEED FEEDBACK SIGN SYSTEM	EA	1	10,200	10,200
145		129110	TEMPORARY CRASH CUSHION	EA	3	5,400	14,200
146		130100	JOB SITE MANAGEMENT	LS	1	15000	15000
147		130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	2150	2150
148		130330	STORM WATER ANNUAL REPORT	EA	2	2000	4000
149		130505	MOVE IN/MOVE OUT (TEMPORARY EROSION CONTROL)	EA	5	1,360	6,800
150		130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER FABRIC)	SY	4,220	1.10	4,642
151		130610	TEMPORARY CHECK DAM	LF	970	35	33,950
152		130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	35	650	22,750
153		130640	TEMPORARY FIBER ROLL	LF	3,930	7	27,510
154		130650	TEMPORARY GRAVEL BAG BERM	LF	560	35	19,600
155		130660	TEMPORARY LARGE SEDIMENT BARRIER	LF	100	45	4,500
156		130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	4	9500	38000
157		130730	STREET SWEEPING	LS	1	350,000	
158		130900	TEMPORARY CONCRETE WASHOUT	LS	1	25000	25000
159		141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	5,870	2	11,740
160		146009	RESTORATION CONTRACTOR MITIGATION WORK	LS	1	97,110	97,110
161		160110	TEMPORARY HIGH-VISIBILITY FENCE	LF	520	7	3,640
162		170103	CLEARING AND GRUBBING	LS	1	200,000	
163		190101	ROADWAY EXCAVATION	CY	4,690	110	515900
164		190105	ROADWAY EXCAVATION (TYPE Z-2)(AERIALLY DEPOSITED LEAD)	CY	1,380	300	414000
165		190139	ROADWAY EXCAVATION (UNSUITABLE MATERIAL)	CY	500	150	75000
166		192003	STRUCTURE EXCAVATION (BRIDGE)	CY	57	250	14250
167		192020	STRUCTURE EXCAVATION (TYPE D)	CY	2,574	175	450450
168		192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	162	175	28350
169		193003	STRUCTURE BACKFILL (BRIDGE)	CY	44	500	22000
170		193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	1,545	200	309000
171		193118	CONCRETE BACKFILL	CY	9	850	7650
172		204099	PLANT ESTABLISHMENT WORK	LS	1	15,000	15,000
173		210010	MOVE IN/MOVE OUT (EROSION CONTROL)	EA	2	1,360	2,720
174		210351	FIBER ROLLS	LF	2,100	7	14,700

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
175		210430	HYDROSEED	SF	37,860	.25	9,465
176		260203	CLASS 2 AGGREGATE BASE	CY	2,920	225	657000
177		378000	MICROSURFACING (TYPE II)	TON	20	1,250	25,000
178		390132	HOT MIX ASPHALT (TYPE A)	TON	2,250	200	450 000
179		390137	RUBBERIZED HOT MIX ASPHALT (GAP GRATED)	TON	720	230	165600
180		394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	50	70	3500
181		398001A	REMOVE ASPHALT CONCRETE PAVEMENT	SY	170	110	18700
182		398100	REMOVE ASPHALT CONCRETE DIKE	LF	1,300	5	6500
183		038200	COLD PLANE ASPHALT CONCRETE PAVEMENT	SY	2,560	10.	25,600
~~183~~ 184		490603	24" CAST-IN-DRILLED HOLE CONCRETE PILING	LF	4,878	~~225~~ 275 MSG	1,341,450 ~~1,097,550~~ MSG
~~184~~ 185		490604	30" CAST-IN-DRILLED HOLE CONCRETE PILING	LF	284	670	190,280
~~185~~ 186		490605	36" CAST-IN-DRILLED HOLE CONCRETE PILING	LF	250	600	150,000
~~186~~ 187		510053	STRUCTURAL CONCRETE, BRIDGE	CY	120	~~1,550~~ MSG 1,550	~~270~~ MSG 186,000
~~187~~ 188		510054	STRUCTURAL CONCRETE, BRIDGE(POLYMER FIBER)	CY	172	3350	576200
~~188~~ 189		510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	1,335	1250	1,668,750
~~189~~ 190		510094	STRUCTURAL CONCRETE, DRAINAGE INLET	CY	90	6000	540000
~~190~~ 191		511010	CONCRETE SURFACE TEXTURE (ESTRELLA WAVE)	SF	5,431	35	190085
~~191~~ 192		512206	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (70'-80')	EA	2	57980	115960
~~192~~ 193		512500	ERECT PRECAST PRESTRESED CONCRETE GIRDER	EA	2	32500	65000
~~193~~ 194		591091	JOINT SEAL (MR 1 1/2")	LF	32	197	6304
~~194~~ 195		519102	JOINT SEAL (TYPE AL)	LF	122	68	8296
~~195~~ 196		520102	BAR REINFORCING STEL (BRIDGE)	LB	245,838	~~2~~ 1 MSG	~~491676~~ 245,838 MSG
~~196~~ 197		520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	134,015	2.30	308,234.50
~~197~~ 198		520115	BAR REINFORCING STEEL (GALVANIZED)	LB	123	21	2583
~~198~~ 199		520120	HEADED BAR REINFORCING	EA	48	55	2640
~~199~~ 200		650014	18" REINFORCED CONCRETE PIPE	LF	200	350	70,000
~~200~~ 201		650019	24" REINFORCED CONCRETE PIPE	LF	1,850	375	693,750
~~201~~ 202		680600	SIDEWALK UNDERDRAIN	EA	1	4500	4500
~~202~~ 203		700617	DRAINAGE INLET MARKER	EA	35	100	3,500
~~203~~ 204		705204	18" CONCRETE FLARED END SECTION	EA	5	3000	15000
~~204~~ 205		707225	48" PRECAST CONCRETE PIPE MANHOLE	LF	15	2500	37,500

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
~~205~~ 206		710126	REMOVE OVERSIDE DRAIN	EA	1	2000-	2000-
~~206~~ 207		710138	REMOVE DOWNDRAIN AND T-DISSIPATOR	EA	1	2000-	2000-
~~207~~ 208		710150	REMOVE INLET	EA	7	3500-	24500-
~~208~~ 209		730010	MINOR CONCRETE (CURB)	LF	400	75-	30000-
~~209~~ 210		730070	DETECTABLE WARNING SURFACE	SF	15	150-	2250-
~~210~~ 211		731504	MINOR CONCRETE (CURB AND GUTTER)	CY	22	1100-	24200-
~~211~~ 212		731521	MINOR CONCRETE (SIDEWALK)	CY	20	1200-	24000-
~~212~~ 213		731623	MINOR CONCRETE (CURB RAMP)	CY	4	2000-	8000-
~~213~~ 214		045100	MINOR CONCRETE (SLAB)	CY	45	1250-	56250-
~~214~~ 215		731700	REMOVE CURB	LF	300	10-	3000-
~~215~~ 216		731840	REMOVE CONCRETE (CURB AND GUTTER)	LF	560	11-	6160-
~~216~~ 217		750001	MISCELLANEOUS IRON AND STEEL	LB	10,800	2.	21,600
~~217~~ 218		750055	REMOVABLE BOLLARD	EA	1	1750-	1750-
~~218~~ 219		750501	MISCELLANEOUS METAL (BRIDGE)	LB	805	16	12,880
~~219~~ 220		750505	BRIDGE DECK DRAINAGE SYSTEM	LB	455	75	34,125
~~220~~ 221		7802XX	RESET AND/OR SET SURVEY MONUMENTS	LS	1	3,200	3,200
~~221~~ 222		780440	PREPARE AND STAIN CONCRETE	SF	8,967	33-	295911-
~~222~~ 223		780460	ANTI-GRAFFITTI COATING	SF	15,809	11-	173899-
~~223~~ 224		800320	CHAIN LINK FENCE (TYPE CL-4)(VINYL-CLAD)(BLACK)	LF	1,800	79	142,200
~~224~~ 225		800360	CHAIN LINK FENCE (TYPE CL-6)	LF	790	50	39,500
~~225~~ 226		800052	FENCE (TYPE WS)	LF	2,050	15	30,750
~~226~~ 227		800053	WOOD RAIL FENCE	LF	390	155	60450
~~227~~ 228		802950	STANDARD PIPE GATE	EA	2	9,200	18,400
~~228~~ 229		803021	REMOVE FENCE	LF	4,590	8	36,720
~~229~~ 230		810230	PAVEMENT MARKER (RETROREFLECTIVE)	EA	460	5.00	2,300
~~230~~ 231		820250	REMOVE ROADSIDE SIGN	EA	7	225	1,575
~~231~~ 232		820510	RESET ROADSIDE SIGN	EA	2	175	350
~~232~~ 233		820610	RELOCATE ROADSIDE SIGN	EA	2	3,500	7,000
~~233~~ 234		820720	FURNISH LAMINATED PANEL SIGN (1"-TYPE B)	SF	220	51.80	11,396
~~234~~ 235		820750	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SF	60	14.50	990
~~235~~ 236		820760	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SF	80	18.50	1,480

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
~~236~~ 237		820840	ROADSIDE SIGN - ONE POST	EA	13	275	3,575
~~237~~ 238		820850	ROADSIDE SIGN - TWO POST	EA	2	625	1,250
~~238~~ 239		820850	BARRIER MOUNTED SIGN (TYPE 85A (MOD))	EA	3	1,650	4,950
~~239~~ 240		820920	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	2	9,000	18,000
~~240~~ 241		832005	MIDWEST GUARDRAIL SYSTEM	LF	110	57	4,270
~~241~~ 242		832075	VEGETATION CONTROL (CRUSHED SHALE)	SY	30	115 -	3450 -
~~242~~ 243		833032	CHAIN LINK RAILING (TYPE 7)(VINYL-CLAD)(BLACK)	LF	750	200	150,000
~~243~~ 244		048125	CONCRETE BARRIER (TYPE 85A) MOD	LF	1,063	600 -	637,800 -
~~244~~ 245		046792	TUBULAR BICYCLE RAILING (MOD)	LF	1,053	~~250~~ 165 MSG	~~263250~~ 173,745 MSG
~~245~~ 246		810120	REMOVE PAVEMENT MARKER	LF	730	10	7,300
~~246~~ 247		839544	TRANSITION RAILING (TYPE AGT)	EA	2	5,800	11,600
~~247~~ 248		839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1	5,250	5,250
~~248~~ 249		839640	CONCRETE BARRIER (TYPE 60M)	LF	3,490	150 -	523,500 -
~~249~~ 250		839642	CONCRETE BARRIER (TYPE 60MC)	LF	60	550 -	33000 -
~~250~~ 251		839643	CONCRETE BARRIER (TYPE 60MD)	LF	120	325 -	39000 -
~~251~~ 252		839752	REMOVE GUARDRAIL	LF	2,670	9	24,030
~~252~~ 253		840502	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	12,740	2.00	25,480
~~253~~ 254		840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SF	500	6.00	3,000
~~254~~ 255		84058X	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	5,150	3.25	16,737.50
~~255~~ 256		846020	REMOVE PAINTED TRAFFIC STRIPE	LF	18,240	1.00	18,240
~~256~~ 257		846030	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	11,670	1.00	11,670
~~257~~ 258		846035	REMOVE THERMOPLASTIC PAVEMENT MARKING	SF	120	4.00	480
~~258~~ 259		847210	6" TRAFFIC STRIPE TAPE (WARRANTY)	LF	3,210	3.00	9,630
~~259~~ 260		847216	8" TRAFFIC STRIPE TAPE (WARRANTY)	LF	2,030	4.65	9,439.50
~~260~~ 261		847218	6" TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY)	LF	275	3.50	962.50
~~261~~ 262		847224	8" TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY)	LF	405	4.50	1,822.50
~~262~~ 263		870305	RECTANGULAR RAPID FLASHING BEACON SYSTEM	LS	1	~~75,790~~ 75,790 MSG	~~75,790~~ 3 TIMES & ~~75,790~~ MSG
~~263~~ 264		870200	LIGHTING SYSTEM	LS	1	203,440	~~203,440~~ ~~203,440~~ MSG & 203,1
~~264~~ 265		872131	MODIFY LIGHTING SYSTEM	LS	1	56,440	56,440
TOTAL (ITEMS #126 TO #~~264~~ 265)							16,317,373.50

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
			BID ALTERNATE "A" SEGMENT 3: UPRR SEGMENT				
~~265~~ 266		999990	MOBILIZATION (UPRR SEGMENT) 10% MAX	LS	1	10,450	10,450
~~266~~ 267		011269	PERVIOUS CONCRETE PAVEMENT	CY	35	1,150	40,250
~~267~~ 268		046733	STEEL PEDESTRIAN RAILING	LF	96	370	35,520
~~268~~ 269		051000	RAILROAD FLAGGING	WDAY	60	1,500	90,000
~~269~~ 270		05100X	RAILROAD RELATIONS	LS	1	1	1
~~270~~ 271		130100	JOB SITE MANAGEMENT	LS	1	10,000	10,000
~~271~~ 272		130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	250	250
~~272~~ 273		130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SY	510	1.10	561
~~273~~ 274		130640	TEMPORARY FIBER ROLL	LF	510	7	3,570
~~274~~ 275		130650	TEMPORARY GRAVEL BAG BERM	LF	210	30	6,300
~~275~~ 276		130900	TEMPORARY CONCRETE WASHOUT	LS	1	10,000	10,000
~~276~~ 277		160110	TEMPORARY HIGH-VISIBILITY FENCE	LF	250	7	1,750
~~277~~ 278		170103	CLEARING AND GRUBBING (LS)	LS	1	14,500	14,500
~~278~~ 279		190101	ROADWAY EXCAVATION	CY	760	60	45,600
~~279~~ 280		192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	349	250	87,250
~~280~~ 281		193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	202	235	47,470
~~281~~ 282		198250	GEOSYNTHETIC REINFORCEMENT	SY	183	34	6,222
~~282~~ 283		204031	REMOVE TREE	EA	1	7,000	7,000
~~283~~ 284		210212	DRY SEED (SQFT)	SF	2,800	.60	1,680
~~284~~ 285		210270	ROLLED EROSION CONTROL PRODUCT (NETTING)	SF	2,800	3	8,400
~~285~~ 286		210350	FIBER ROLLS	LF	450	7	3,150
~~286~~ 287		260203	CLASS 2 AGGREGATE BASE (CY)	CY	110	150	16,500
~~287~~ 288		260304A	3/4" CRUSHED ROCK	CY	41	220	9,020
~~288~~ 289		49XXXX	REMOVE SHEET PILING	SF	525	80	42,000
~~289~~ 290		510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	78	1,200	93,600
~~290~~ 291		520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	8,290	2	16,580
~~291~~ 292		650014	18" REINFORCED CONCRETE PIPE	LF	15	250	3,750
~~292~~ 293		700617	DRAINAGE INLET MARKER	EA	1	285	285
~~293~~ 294		707117	36" CONCRETE PIPE INLET (TYPE OCPI) DI	LF	4	635	2,540
~~294~~ 295		723030	ROCK SLOPE PROTECTION (1/2 T, CLASS VII, METHOD A) (CY)	CY	130	240	31,200

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ITEM	FINAL PAY	ITEM CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	AMOUNT
~~295~~ 296		723096A	ROCK SLOPE PROTECTION (GRAVEL FILTER)	CY	22	200	4,400
~~296~~ 297		730010	MINOR CONCRETE (CURB) (LF)	LF	305	35	10,675
~~297~~ 298		7802XX	RESET AND/OR SET SURVEY MONUMENTS	LS	1	3,200	3,200
~~298~~ 299		780460	ANTI-GRAFFITI COATING	SF	7	250	1750
~~299~~ 300		800054	REMOVE DEAD END BARRICADE	LF	26	90	2,340
~~300~~ 301		8003XX	UPRR BRIDGE FENCE	LF	122	490	59,780
~~301~~ 302		800360	CHAIN LINK FENCE (TYPE CL-6)	LF	65	95	6,175
~~302~~ 303		803221	WOOD RAIL FENCE	LF	85	197	16,745
~~303~~ 304		820250	REMOVE ROADSIDE SIGN	EA	2	2,100	4,200
~~304~~ 305		820750	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SF	7	16.50	115.50
~~305~~ 306		820840	ROADSIDE SIGN - ONE POST	EA	3	275	825
~~306~~ 307		84058X	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	230	10	2,300
TOTAL (ITEMS #265 TO ~~#306~~ 307)							758,104.50

TOTAL BASE BID (BID ITEMS #1 TO ~~#264~~ 265)	24,058,652.50
TOTAL BID ALTERNATE A (BID ITEMS ~~#265~~ 266 TO ~~#306~~ 307)	758,104.50
TOTAL OF BASE BID PLUS BID ALTERNATE A	24,816,757

NOTES:

1) The City of Goleta shall determine the lowest responsible, responsive bidder based on the lowest total of the Base Bid plus the Bid Alternates.

2) The City of Goleta, if it chooses to award, shall award the contract to the lowest responsible, responsive bidder based on the lowest total of the Base Bid plus the Bid Alternates. Depending on budget constraints, the actual project may, at the City's discretion, include items from only the Base Bid plus one or any/all alternatives.

3) The Contractor must submit pricing for all Base Bid items and Bid Alternates. No response or a response of zero on any bid items will be deemed a non-responsive bid.

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EXHIBIT C
FHWA 1273

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REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Non-segregated Facilities
IV. Davis-Bacon and Related Act Provisions
V. Contract Work Hours and Safety Standards Act Provisions
VI. Subletting or Assigning the Contract
VII. Safety: Accident Prevention
VIII. False Statements Concerning Highway Projects
IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
X. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
XI. Certification Regarding Use of Contract Funds for Lobbying
XII. Use of United States-Flag Vessels:

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under title 23, United States Code, as required in 23 CFR 633.102(b) (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). 23 CFR 633.102(e).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider. 23 CFR 633.102(e).

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services) in accordance with 23 CFR 633.102. The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract). 23 CFR 633.102(b).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract. 23 CFR 633.102(d).

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A are applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding $10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR Part 230, Subpart A, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

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1. Equal Employment Opportunity: Equal Employment Opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (*see* 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140, shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract. 23 CFR 230.409 (g)(4) & (5).

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, sexual orientation, gender identity, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action or are substantially involved in such action, will be made fully cognizant of and will implement the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action

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within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs (i.e., apprenticeship and on-the-job training programs for the geographical area of contract performance). In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. 23 CFR 230.409. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established thereunder. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors, suppliers, and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurances Required:

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:
(1) Withholding monthly progress payments;
(2) Assessing sanctions;
(3) Liquidated damages; and/or
(4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

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(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women.

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of more than $10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, the contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location under the contractor's control where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 “Contract provisions and related matters” with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act (40 U.S.C. 3141(2)(B)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided,* That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH–1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in 29 CFR part 1, a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

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(ii) The classification is used in the area by the construction industry; and

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is used in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30–day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30–day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. *Fringe benefits not expressed as an hourly rate.* Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided,* That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph

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2.a. of this section or Section V, paragraph 3.a., or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. *Basic record requirements* (1) *Length of record retention.* All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) *Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (*e.g.,* the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH–347 or in any other format desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division website at *https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347/.pdf* or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR part 3; and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) *Use of Optional Form WH–347.* The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

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(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 3729.

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under 29 CFR part 6 any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices* (1) *Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with

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the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert FHWA-1273 in any subcontracts, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of 40 U.S.C. 3144(b) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of 40 U.S.C. 3144(b) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, 18 U.S.C. 1001.

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or 29 CFR part 1 or 3; or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or 29 CFR part 1 or 3.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or

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mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* $31 as of January 15, 2023 (See 88 FR 88 FR 2210) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section IV paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term “perform work with its own organization” in paragraph 1 of Section VI refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
(2) the prime contractor remains responsible for the quality of the work of the leased employees;

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(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

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IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of $150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1**. Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. “First Tier Covered Transactions” refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (https://www.sam.gov/). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

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2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;.

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

* * * * *

3. **Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (https://www.sam.gov/), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily

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excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

XII. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

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ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)
This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

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EXHIBIT D
FEDERAL WAGE DETERMINATIONS

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"General Decision Number: CA20250014 03/28/2025

Superseded General Decision Number: CA20240014

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

County: Santa Barbara County in California.

BUILDING, DREDGING (does not include hopper dredge work), HEAVY (does not include water well drilling), AND HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

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Modification Number	Publication Date
0	01/03/2025
1	01/10/2025
2	01/24/2025
3	02/07/2025
4	02/21/2025
5	02/28/2025
6	03/28/2025

ASBE0005-002 09/01/2023

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems)	$ 49.58	25.27
Fire Stop Technician (Application of Firestopping Materials for wall openings and penetrations in walls, floors, ceilings and curtain walls)	$ 36.97	20.36

ASBE0005-004 07/04/2022

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)	$ 23.52	13.37

BOIL0092-003 01/01/2024

	Rates	Fringes
BOILERMAKER	$ 51.98	42.11

BRCA0004-003 05/01/2024

	Rates	Fringes
Bricklayer; Marble Setter	$ 45.53	20.29

BRCA0018-008 06/01/2024

	Rates	Fringes
MARBLE FINISHER	$ 43.38	15.36
TILE FINISHER	$ 37.96	13.77

* BRCA0018-010 09/01/2024

	Rates	Fringes
TERRAZZO FINISHER	$ 42.11	14.67

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TERRAZZO WORKER/SETTER.....$ 49.62 15.26

BRCA0018-011 06/01/2023

	Rates	Fringes
TILE LAYER	$ 48.29	19.18

CARP0213-001 01/01/2024

	Rates	Fringes
CARPENTER		
(1) Carpenter, Cabinet Installer, Insulation Installer, Hardwood Floor Worker and acoustical installer	$ 48.86	22.88
(2) Millwright	$ 49.36	22.88
(3) Piledrivermen/Derrick Bargeman, Bridge or Dock Carpenter, Heavy Framer, Rock Bargeman or Scowman, Rockslinger, Shingler (Commercial)	$ 48.99	22.88
(4) Pneumatic Nailer, Power Stapler	$ 51.85	16.28
(5) Sawfiler	$ 51.69	16.28
(6) Scaffold Builder	$ 40.77	22.38
(7) Table Power Saw Operator	$ 51.70	16.28

FOOTNOTE: Work of forming in the construction of open cut sewers or storm drains, on operations in which horizontal lagging is used in conjunction with steel H-Beams driven or placed in pre- drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms (which work is performed by piledrivers): $0.13 per hour additional.

CARP0213-002 07/01/2021

	Rates	Fringes
Diver		
(1) Wet	$ 834.40	16.28
(2) Standby	$ 445.84	16.28
(3) Tender	$ 437.84	16.28
(4) Assistant Tender	$ 413.84	16.28

Amounts in ""Rates' column are per day

CARP0213-004 01/01/2024

	Rates	Fringes
Drywall		
DRYWALL INSTALLER/LATHER	$ 48.86	22.88
STOCKER/SCRAPPER	$ 20.80	9.97

CARP0721-001 07/01/2021

	Rates	Fringes

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Modular Furniture Installer.....$ 21.85 7.15

ELEC0413-001 01/01/2025

	Rates	Fringes
Electricians:.....	$ 52.15	3%+23.23

CABLE SPLICERS: $2.00 additional per hour.

ALL WORK AT VANDENBERG AFB: $3.75 additional per hour.

FOOTNOTE: Work from trusses, swinging scaffolds, open ladders, scaffolds, bosun's chairs, stacks, or the maintenance of towers or open platforms where the worker is subject to a direct fall or where the worker has to work from a ladder or other support from a platform within 5 ft. of any direct fall a distance of 50 ft. from the ground floor or supporting structure: double the regular straight-time rate of pay. Safety nets, if used, will not invalidate this.

ELEC0413-003 12/31/2024

COMMUNICATIONS AND SYSTEMS WORK

	Rates	Fringes
Communications System Installer.....	$ 48.13	3%+16.05

SCOPE OF WORK:
Installation, testing, service and maintenance of systems utilizing the transmission and/or transference of voice, sound, vision and digital for commercial, educational, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call systems, radio page, school intercom and sound, burglar alarms, fire alarm (see last paragraph below) and low voltage master clock systems in commercial buildings. Communication Systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding all other data systems or multiple systems which include control function or power supply; excluding installation of raceway systems, conduit systems, line voltage work, and energy management systems. Does not cover work performed at China Lake Naval Ordnance Test Station. Fire alarm work shall be performed at the current inside wireman total cost package.

ELEC1245-001 01/01/2025

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	$ 70.16	24.71
(2) Equipment specialist (operates crawler tractors, commercial motor		

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vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....$ 53.30 22.26
(3) Groundman.....$ 40.76 21.76
(4) Powderman.....$ 51.87 18.79

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

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ELEV0018-001 01/01/2025

	Rates	Fringes
ELEVATOR MECHANIC	$ 69.43	38.435+a+b

FOOTNOTE:
a. PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0012-004 08/01/2024

	Rates	Fringes
OPERATOR: Power Equipment (DREDGING)		
(1) Leverman	$ 64.10	38.75
(2) Dredge dozer	$ 58.13	38.75
(3) Deckmate	$ 58.02	38.75
(4) Winch operator (stern winch on dredge)	$ 57.47	38.75
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand	$ 56.93	38.75
(6) Barge Mate	$ 57.54	38.75

ENGI0012-024 07/01/2023

	Rates	Fringes
OPERATOR: Power Equipment (All Other Work)		
GROUP 1	$ 53.90	32.80
GROUP 2	$ 54.68	32.80
GROUP 3	$ 54.97	32.80
GROUP 4	$ 56.46	32.80
GROUP 6	$ 56.68	32.80
GROUP 8	$ 56.79	32.80
GROUP 10	$ 56.91	32.80
GROUP 12	$ 57.08	32.80
GROUP 13	$ 57.18	32.80
GROUP 14	$ 57.21	32.80
GROUP 15	$ 57.29	32.80
GROUP 16	$ 57.41	32.80
GROUP 17	$ 57.58	32.80
GROUP 18	$ 57.68	32.80

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GROUP 19	$ 57.79	32.80
GROUP 20	$ 57.91	32.80
GROUP 21	$ 58.08	32.80
GROUP 22	$ 58.18	32.80
GROUP 23	$ 58.29	32.80
GROUP 24	$ 58.41	32.80
GROUP 25	$ 58.58	32.80
OPERATOR: Power Equipment (Cranes, Piledriving & Hoisting)		
GROUP 1	$ 55.25	32.80
GROUP 2	$ 56.03	32.80
GROUP 3	$ 56.32	32.80
GROUP 4	$ 56.46	32.80
GROUP 5	$ 56.68	32.80
GROUP 6	$ 56.79	32.80
GROUP 7	$ 56.91	32.80
GROUP 8	$ 57.08	32.80
GROUP 9	$ 57.25	32.80
GROUP 10	$ 58.25	32.80
GROUP 11	$ 59.25	32.80
GROUP 12	$ 60.25	32.80
GROUP 13	$ 61.25	32.80
OPERATOR: Power Equipment (Tunnel Work)		
GROUP 1	$ 55.75	32.80
GROUP 2	$ 56.53	32.80
GROUP 3	$ 56.82	32.80
GROUP 4	$ 56.96	32.80
GROUP 5	$ 57.18	32.80
GROUP 6	$ 57.29	32.80
GROUP 7	$ 57.41	32.80

PREMIUM PAY:
$10.00 per hour shall be paid on all Power Equipment Operator work on the followng Military Bases: China Lake Naval Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: $2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes loed, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator);Coil Tubing Rig Operator, Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes loed, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU side dum jack; Screening and conveyor machine operator (or similar types); Skiploader (wheel type up to 3/4 yd. without

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attachment); Tar pot fireman; Temporary heating plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable);Direct Push Operator (Geoprobe or similar types) Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter(concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled tar pipelining machine operator; Skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford, Case or similar types; Cable Bundling Machine Operator (excluding handheld); Cable Trenching Machine Operator (Spider Plow or similar types) Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (gunite work); Compactor operator (self-propelled);

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Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator; Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; RCM Cementing Unit Operator, Rail/Switch Grinder Operator (Harsco or similar types) Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator (multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self- propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling pipe wrapping, cleaning and bendng machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity): Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types-Texoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar Pugmill equipment)

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less tha 750 cu. yards; Mechanical finishing machine operator; Mobile form

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traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth- moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self- loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator; Remote- control earth-moving equipment operator (operating a second piece of equipment: $1.00 per hour additional); Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck); Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds.and up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar

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types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Spyder Excavator Operator, with all attachments

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

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GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.);

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc) ; Tower crane operator and tower gantry

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

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GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

$1.00 additional per hour for all of IMPERIAL County and the portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as defined below:

That area within the following Boundary: Begin in San Bernardino County, approximately 3 miles NE of the intersection of I-15 and the California State line at that point which is the NW corner of Section 1, T17N,m R14E, San Bernardino Meridian. Continue W in a straight line to that point which is the SW corner of the northwest quarter of Section 6, T27S, R42E, Mt. Diablo Meridian. Continue North to the intersection with the Inyo County Boundary at that point which is the NE corner of the western half of the northern quarter of Section 6, T25S, R42E, MDM. Continue W along the Inyo and San Bernardino County boundary until the intersection with Kern County, as that point which is the SE corner of Section 34, T24S, R40E, MDM. Continue W along the Inyo and Kern County boundary until the intersection with Tulare County, at that point which is the SW corner of the SE quarter of Section 32, T24S, R37E, MDM. Continue W along the Kern and Tulare County boundary, until that point which is the NW corner of T25S, R32E, MDM. Continue S following R32E lines to the NW corner of T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E, MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue W to SW corner of SE quarter of Section 34, T32S, R30E, MDM. Continue S to SW corner of T11N, R17W, SBM. Continue E along south boundary of T11N, SBM to SW corner of T11N, R7W, SBM. Continue S to SW corner of T9N, R7W, SBM. Continue E along south boundary of T9N, SBM to SW corner of T9N, R1E, SBM. Continue S along west boundary of R1E, SMB to Riverside County line at the SW corner of T1S, R1E, SBM. Continue E along south boundary of T1s, SBM (Riverside County Line) to SW corner of T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to Imperial County line at the SW corner of T8S, R10E, SBM. Continue W along Imperial and Riverside county line to NW corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM. Continue S along West side of R18E, MDM as it crosses into San Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point whch is the SW corner of Section 34.T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E

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along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a think strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE 1/4 of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM. Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

IRON0433-006 01/01/2025

	Rates	Fringes
IRONWORKER		
Fence Erector	$ 45.78	26.51
Ornamental, Reinforcing and Structural	$ 50.70	35.15

PREMIUM PAY:

$9.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval Reserve-Niland,
Edwards AFB, Fort Irwin Military Station, Fort Irwin Training

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Center-Goldstone, San Clemente Island, San Nicholas Island, Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB Army Defense Language Institute - Monterey, Fallon Air Base, Naval Post Graduate School - Monterey, Yermo Marine Corps Logistics Center
Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LABO0220-001 07/01/2022

	Rates	Fringes
LABORER (TUNNEL)		
GROUP 1	$ 45.68	23.30
GROUP 2	$ 46.00	23.30
GROUP 3	$ 46.46	23.30
GROUP 4	$ 47.15	23.30
LABORER		
GROUP 1	$ 36.39	21.04
GROUP 2	$ 36.94	21.04
GROUP 3	$ 37.49	21.04
GROUP 4	$ 39.04	21.04
GROUP 5	$ 39.39	21.04

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, footings, curbs, gutters and sidewalks; Concrete curer, impervious membrane and form oiler; Cutting torch operator (demolition); Fine grader, highways and street paving, airport, runways and similar type heavy construction; Gas, oil and/or water pipeline wrapper - pot tender and form person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer(lead); Tank scaler and cleaner; Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellower

GROUP 3: Buggymobile person; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2-1/2 ft. drill steel or longer; Dri-pak-it machine; Gas, oil and/or water pipeline wrapper, 6-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials (""applying"" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine, hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt- rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Changehouse person; Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.);

GROUP 2: Bull gang mucker, track person; Chucktender, Cabletender; Concrete crew, including rodder and spreader; Loading and unloading agitator cars; Vibrator person, jack hammer, pneumatic tools (except driller)

GROUP 3: Blaster, driller, powder person; Chemical grout jet

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person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

LABO0220-004 07/01/2024

	Rates	Fringes
Brick Tender	$ 41.53	22.54

LABO0300-005 07/01/2024

	Rates	Fringes
Asbestos Removal Laborer	$ 43.88	25.13

SCOPE OF WORK: Includes site mobilization, initial site cleanup, site preparation, removal of asbestos-containing material and toxic waste, encapsulation, enclosure and disposal of asbestos- containing materials and toxic waste by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers and assembly of decontamination stations.

LABO0345-001 07/01/2024

	Rates	Fringes
LABORER (GUNITE)		
GROUP 1	$ 53.48	22.77
GROUP 2	$ 52.53	22.77
GROUP 3	$ 48.99	22.77

FOOTNOTE: GUNITE PREMIUM PAY: Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates. Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis. Any work performed on, in or above any smoke stack, silo, storage elevator or similar type of structure, when such structure is in excess of 75'-0"" above base level and which work must be performed in whole or in part more than 75'-0"" above base level, that work performed above the 75'-0"" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Rodmen, Nozzlemen

GROUP 2: Gunmen

GROUP 3: Reboundmen

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LABO1184-001 07/01/2024

	Rates	Fringes
Laborers: (HORIZONTAL DIRECTIONAL DRILLING)		
(1) Drilling Crew Laborer	$ 45.34	20.06
(2) Vehicle Operator/Hauler	$ 45.51	20.06
(3) Horizontal Directional Drill Operator	$ 47.36	20.06
(4) Electronic Tracking Locator	$ 49.36	20.06
Laborers: (STRIPING/SLURRY SEAL)		
GROUP 1	$ 46.65	23.17
GROUP 2	$ 47.95	23.17
GROUP 3	$ 49.96	23.17
GROUP 4	$ 51.70	23.17

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

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LABO1414-003 08/07/2024

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER	$ 43.57	25.17
PLASTER TENDER	$ 46.12	25.17

Work on a swing stage scaffold: $1.00 per hour additional.

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Work at Military Bases - $3.00 additional per hour:
Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air Station-29 Palms, Imperial Beach Naval Air Station, Marine Corps Logistics Supply Base, Marine Corps Pickle Meadows, Mountain Warfare Training Center, Naval Air Facility-Seeley, North Island Naval Air Station, Vandenberg AFB.

PAIN0036-002 07/01/2023

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Journeyman Painter	$ 36.44	18.58
(2) Repaint	$ 26.40	17.02
(3) Iron & Steel	$ 33.12	17.18
(4) High Iron & Steel	$ 35.12	17.18
(5) All Other Work	$ 36.44	18.58

REPAINT:
Repaint of any structure with the exception of work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities, tenant improvement work not included in conjunction with the construction of the building and all repainting of tenant improvement projects.

HIGH IRON & STEEL:
Aerial towers, towers, radio towers, smoke stacks, flag poles (any flag poles that can be finished from the ground with a ladder excluded), elevated water towers, steeples and domes in their entirety and any other extremely high and hazardous work, cooning steel, bos'n chair, or other similar devices, painting in other high hazardous work shall be classified as high iron & steel

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PAIN0036-008 09/01/2024

	Rates	Fringes
DRYWALL FINISHER/TAPER	$ 49.33	26.82

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* PAIN0036-015 01/01/2025

	Rates	Fringes
GLAZIER	$ 53.05	30.64

FOOTNOTE: Additional $1.25 per hour for work in a condor, from the third (3rd) floor and up Additional $1.25 per hour for work on the outside of the building from a swing stage or any suspended contrivance, from the ground up

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PAIN1247-002 01/01/2025

	Rates	Fringes
SOFT FLOOR LAYER	$ 45.15	19.43

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PLAS0200-006 08/03/2022

	Rates	Fringes
PLASTERER	$ 47.37	19.64

VANDENBURG AFB: $3.00 additional per hour.

PLAS0500-002 07/01/2023

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 44.00	27.11

PLUM0016-004 09/01/2024

	Rates	Fringes
PLUMBER/PIPEFITTER		
Vandenburg Air Force Base	$ 63.98	26.61
Work ONLY on new additions and remodeling of bars, restaurants, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space	$ 57.67	25.63
Work ONLY on strip malls, light commercial, tenant improvement and remodel work	$ 44.24	23.96
All other work except work on new additions and remodeling of bars, restaurant, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space and work on strip malls, light commercial, tenant improvement and remodel work	$ 59.48	26.61

PLUM0345-001 09/01/2023

	Rates	Fringes
PLUMBER		
Landscape/Irrigation Fitter	$ 40.20	25.90
Sewer & Storm Drain Work	$ 44.29	23.28

ROOF0036-002 08/01/2024

	Rates	Fringes
ROOFER	$ 49.43	20.58

FOOTNOTE: Pitch premium: Work on which employees are exposed to pitch fumes or required to handle pitch, pitch base or pitch impregnated products, or any material containing coal tar pitch, the entire roofing crew shall receive $1.75 per hour ""pitch premium"" pay.

SFCA0669-014 01/01/2025

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	Rates	Fringes
SPRINKLER FITTER	$ 46.42	28.42

SHEE0273-002 08/01/2019

	Rates	Fringes
SHEET METAL WORKER	$ 45.48	30.05

HOLIDAYS: New Year's Day, Martin Luther King Day, President's Day, Good Friday, Memorial Day, Indepdendence Day, Labor Day, Veterans Day,Thankisgiving Day & Friday after, Christmas Day

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TEAM0011-002 07/01/2024

	Rates	Fringes
TRUCK DRIVER		
GROUP 1	$ 39.59	34.34
GROUP 2	$ 39.74	34.34
GROUP 3	$ 39.87	34.34
GROUP 4	$ 40.06	34.34
GROUP 5	$ 40.09	34.34
GROUP 6	$ 40.12	34.34
GROUP 7	$ 40.37	34.34
GROUP 8	$ 40.62	34.34
GROUP 9	$ 40.82	34.34
GROUP 10	$ 41.12	34.34
GROUP 11	$ 41.62	34.34
GROUP 12	$ 42.05	34.34

WORK ON ALL MILITARY BASES:
PREMIUM PAY: $3.00 per hour additional.
[29 palms Marine Base, Camp Roberts, China Lake, Edwards AFB, El Centro Naval Facility, Fort Irwin, Marine Corps Logistics Base at Nebo & Yermo, Mountain Warfare Training Center, Bridgeport, Point Arguello, Point Conception, Vandenberg AFB]

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Truck driver

GROUP 2: Driver of vehicle or combination of vehicles - 2 axles; Traffic control pilot car excluding moving heavy equipment permit load; Truck mounted broom

GROUP 3: Driver of vehicle or combination of vehicles - 3 axles; Boot person; Cement mason distribution truck; Fuel truck driver; Water truck - 2 axle; Dump truck, less than 16 yds. water level; Erosion control driver

GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete truck, less than 6-1/2 yds. water level

GROUP 5: Water truck, 3 or more axles; Truck greaser and tire person ($0.50 additional for tire person); Pipeline and utility working truck driver, including winch truck and plastic fusion, limited to pipeline and utility work; Slurry truck driver

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GROUP 6: Transit mix truck, 3 yds. or more; Dumpcrete truck, 6-1/2 yds. water level and over; Vehicle or combination of vehicles - 4 or more axles; Oil spreader truck; Dump truck, 16 yds. to 25 yds. water level

GROUP 7: A Frame, Swedish crane or similar; Forklift driver; Ross carrier driver

GROUP 8: Dump truck, 25 yds. to 49 yds. water level; Truck repair person; Water pull - single engine; Welder

GROUP 9: Truck repair person/welder; Low bed driver, 9 axles or over

GROUP 10: Dump truck - 50 yds. or more water level; Water pull - single engine with attachment

GROUP 11: Water pull - twin engine; Water pull - twin engine with attachments; Winch truck driver - $1.25 additional when operating winch or similar special attachments

GROUP 12: Boom Truck 17K and above

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a

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supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007

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01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an

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interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

==========

END OF GENERAL DECISION"

ATTACHMENT 2

San Jose Creek Multipurpose Path Project Plans

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB				

CITY OF GOLETA

PUBLIC WORKS DEPARTMENT

PROJECT PLANS FOR CONSTRUCTION FOR

SAN JOSE CREEK MULTIPURPOSE PATH PROJECT

TO BE SUPPLEMENTED BY CALTRANS STANDARD PLANS DATED 2023
AND CITY OF GOLETA STANDARD DETAILS DATED SEPTEMBER 2011

1 ADDENDUM No. 1 DATED APRIL 15, 2025



INDEX OF PLANS

NORTHERN SEGMENT

SHEET	DRAWING	TITLE
1	N–T–1	TITLE SHEET **REVISED**
2–4	N–X–1 TO N–X–3	TYPICAL CROSS SECTIONS
5	N–PC–1	PROJECT CONTROL
6–10	N–PP–1 TO N–PP–5	PLAN AND PROFILE **REVISED: N–PP–5**
11–30	N–C–1 TO N–C–~~20~~ **22**	CONSTRUCTION DETAILS **REVISED: N–C–12,18**
31	N–WPCQ–1	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
32–34	N–D–1 TO N–D–3	DRAINAGE PLAN **REVISED: N–D–3**
35–36	N–DP–1 TO N–DP–2	DRAINAGE PROFILES **REVISED: N–DP–2**
37	N–DQ–1	DRAINAGE QUANTITIES **REVISED**
38–42	N–U–1 TO N–U–5	UTILITY PLAN
43	N–TH–1 **TO N–TH–3**	TRAFFIC HANDLING PLAN **REVISED: N–TH–1**
44	N–THQ–1	TRAFFIC HANDING QUANTITIES **REVISED**
45–47	N–PD–1 TO N–PD–3	PAVEMENT DELINEATION AND SIGN PLAN **REVISED: N–PD–3**
48–49	N–PDQ–1 TO N–PDQ–2	PAVEMENT DELINEATION AND SIGN QUANTITIES **REVISED: N–PDQ–1,2**
50–51	N–Q–1 TO N–Q–2	SUMMARY OF QUANTITIES **REVISED: N–Q–1,2**
52–54	N–EC–1 TO N–EC–3	EROSION CONTROL PLAN
55	N–ECQ–1	EROSION CONTROL QUANTITIES
56	N–E–1 TO **N–E–3**	MODIFYING LIGHTING SYSTEM
57–62	N–MP–1 TO N–MP–6	MITIGATION PLANTING PLAN

STRUCTURE PLANS

SHEET	DRAWING	TITLE
63–74	N–RW–1 TO N–RW–12	RETAINING WALL PLAN
75–80	N–RW–13 TO N–RW–18	LOG OF TEST BORINGS

SOUTHERN SEGMENT

SHEET	DRAWING	TITLE
1	S–T–1	TITLE SHEET **REVISED**
2–5	S–X–1 TO S–X–4	TYPICAL CROSS SECTIONS
6	S–PC–1	PROJECT CONTROL
7–17	S–PP–1 TO S–PP–11	PLAN AND PROFILE
18–34	S–C–1 TO S–C–17	CONSTRUCTION DETAILS
35–39	S–WPC–1 TO S–WPC–5	TEMPORARY WATER POLLUTION PLAN
40–50	S–D–1 TO S–D–11	DRAINAGE PLAN
51–57	S–DP–1 TO S–DP–7	DRAINAGE PROFILES
58–60	S–DQ–1 TO S–DQ–3	DRAINAGE QUANTITIES
61–71	S–U–1 TO S–U–11	UTILITY PLAN
72	S–SC–1	STAGE CONSTRUCTION PLAN
73–76	S–TH–1 TO S–TH–4	TRAFFIC HANDLING PLAN
77–79	S–THQ–1 TO S–THQ–3	TRAFFIC HANDLING QUANTITIES
80–85	S–PD–1 TO S–PD–6	PAVEMENT DELINEATION PLAN
86–87	S–PDQ–1 TO S–PDQ–2	PAVEMENT DELINEATION QUANTITIES
88–93	S–S–1 TO S–S–6	SIGN PLAN
94	S–SQ–1	SIGN QUANTITIES
95–96	S–Q–1 TO S–Q–2	SUMMARY OF QUANTITIES
97–100	S–EC–1 TO S–EC–4	EROSION CONTROL PLAN
101–106	S–MP–1 TO S–MP–6	MITIGATION PLANTING PLAN
107–110	S–E–1 TO S–E–4	ELECTRICAL AND LIGHTING PLAN

STRUCTURE PLANS

SHEET	DRAWING	TITLE
111–128	S–ST–1 TO S–ST–18	RETAINING WALL
129–159	S–ST–19 TO S–ST–49	PEDESTRIAN OVERCROSSING

BID ALTERNATE "A" - UPRR SEGMENT

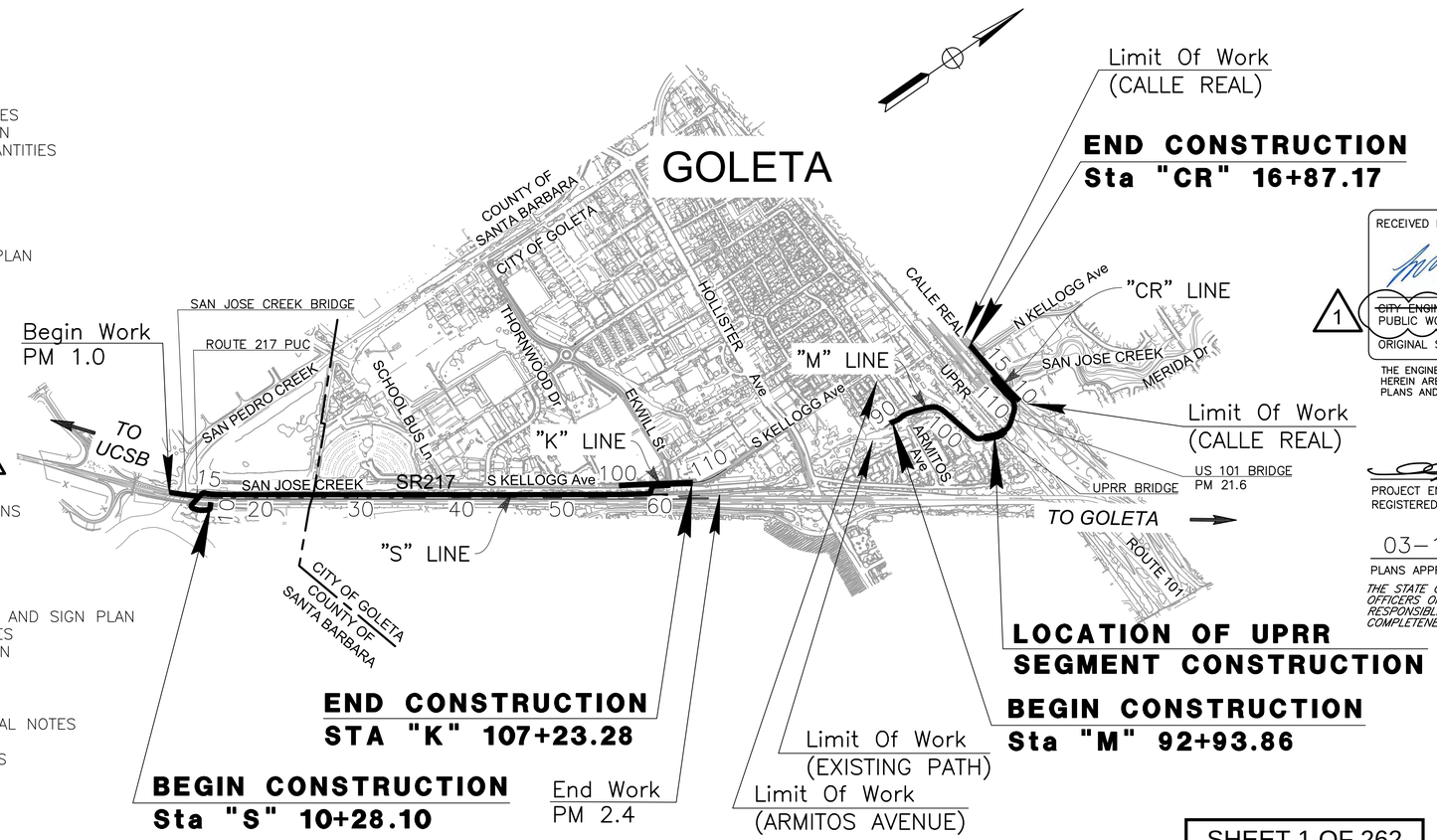
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3	UPRR–PP–1	PLAN AND PROFILE
4–9	UPRR–C–1 TO UPRR–C–6	CONSTRUCTION DETAILS
10	UPRR–D–1	DRAINAGE PLAN
11	UPRR–DP–1	DRAINAGE PROFILES
12	UPRR–U–1	UTILITY PLAN
13	UPRR–PD–1	PAVEMENT DELINEATION AND SIGN PLAN
14–15	UPRR–Q–1 TO UPRR–Q–2	SUMMARY OF QUANTITIES
16	UPRR–EC–1	EROSION CONTROL PLAN

STRUCTURE PLANS

SHEET	DRAWING	TITLE
17	UPRR–RW–1	RETAINING WALL GENERAL NOTES
18	UPRR–RW–2	RETAINING WALL PLAN
19–20	UPRR–RW–3 TO UPRR–RW–4	RETAINING WALL DETAILS
21–22	UPRR–RW–5 TO UPRR–RW–6	LOG OF TEST BORINGS

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



RECEIVED BY:
4/24/2025
~~CITY ENGINEER~~ PUBLIC WORKS DIRECTOR — DATE
ORIGINAL SIGNED DATE
PUBLIC WORKS DEPARTMENT

1

THE ENGINEERS WHOSE STAMP AND SIGNATURE APPEAR HEREIN ARE IN RESPONSIBLE CHARGE OF PREPARING THESE PLANS AND SPECIFICATIONS.

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER — 03–14–25 DATE

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9–30–26
CIVIL
STATE OF CALIFORNIA

03–14–25
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

SHEET 1 OF 262

CITY OF GOLETA, DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, Inc.
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
LAST REVISION 03–14–25

CONSULTANT DESIGN ENGINEER: JOSE SILVA
REGISTRATION No. 74994
LICENSE Exp DATE 12–31–25
CALTRANS DESIGN OVERSIGHT APPROVAL: KYLE BIRCH
DATE SIGNED 02–28–25

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

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PROJECT NUMBER AND PHASE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	1	80

INDEX OF PLANS

1

SHEET	DRAWING	TITLE
1	N–T–1	TITLE SHEET **REVISED**
2–4	N–X–1 TO N–X–3	TYPICAL CROSS SECTIONS
5	N–PC–1	PROJECT CONTROL
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CITY OF GOLETA

PUBLIC WORKS DEPARTMENT

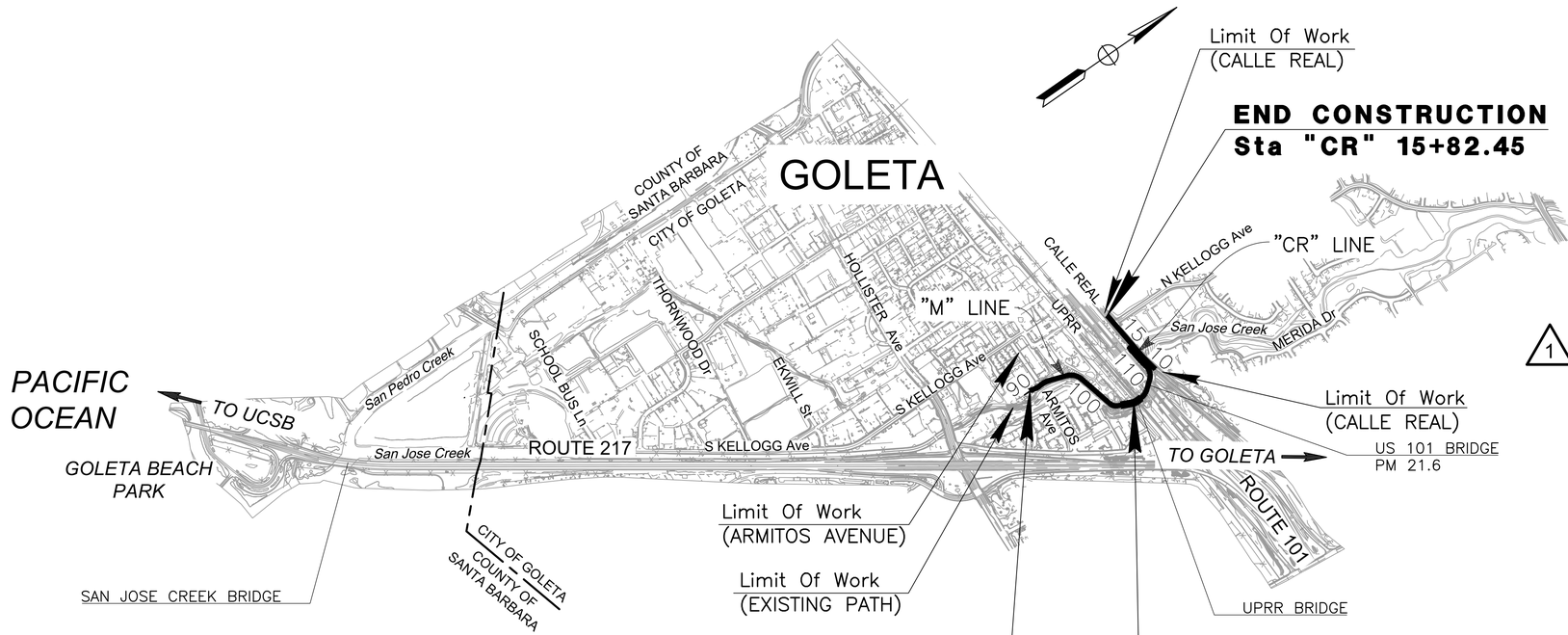
PROJECT PLANS FOR CONSTRUCTION FOR

SAN JOSE CREEK MULTIPURPOSE PATH PROJECT NORTHERN SEGMENT

TO BE SUPPLEMENTED BY CALTRANS STANDARD PLANS DATED 2023
AND CITY OF GOLETA STANDARD DETAILS DATED SEPTEMBER 2011

1 **ADDENDUM No. 1 DATED APRIL 15, 2025**





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4/24/2025
DATE

PUBLIC WORKS DEPARTMENT

1 ~~CITY ENGINEER~~
PUBLIC WORKS DIRECTOR
ORIGINAL SIGNED DATE

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Anthony J. Boyes 03–14–25
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3–31–26
STATE OF CALIFORNIA

03–14–25
PLANS APPROVAL DATE

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SHEET 2 OF 262

CITY OF GOLETA, DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONSULTANT DESIGN ENGINEER	CALTRANS DESIGN OVERSIGHT APPROVAL	REGISTRATION No.	LICENSE Exp DATE
JOSE SILVA	KYLE BIRCH	74994	
DATE SIGNED			

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

U:\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–T.dwg, 4/23/2025 1:38 PM,

LAST REVISION 03–14–25
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TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	2	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR EXACT LOCATION OF PAVEMENT, CURB, FENCE, RETAINING WALL, AND HINGE POINT TRANSITIONS, SEE PLAN AND PROFILE AND CONSTRUCTION DETAIL SHEETS.
3. SUBGRADE TO BE SAME AS TYPICAL SURFACE SLOPE UNLESS OTHERWISE NOTED.
4. SHOULDER CROSS SLOPE TO MATCH PATH CROSS SLOPE.

STRUCTURAL SECTIONS

1. 0.42' PERVIOUS CONCRETE
   0.50' 3/4" CRUSHED ROCK
2. 0.83' AB (CLASS 2)
3. 0.33' HMA
   0.50' AB (CLASS 2)
4. 0.33' PCC
5. 0.67' PCC
   0.50' AB (CLASS 2)
6. MICROSURFACING (TYPE II)
   1.0' HMA
7. MICROSURFACING (TYPE II)

MULTIPURPOSE PATH DESIGN DESIGNATION

CLASSIFICATION: CLASS I PATH
V = 20MPH

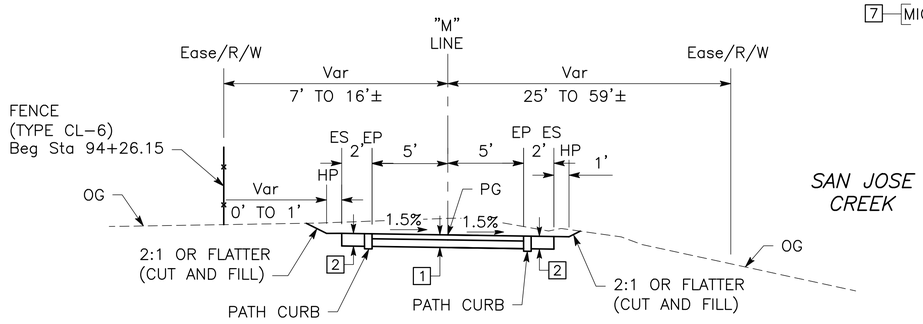
CALLE REAL DESIGN DESIGNATION

CLASSIFICATION: MINOR ARTERIAL
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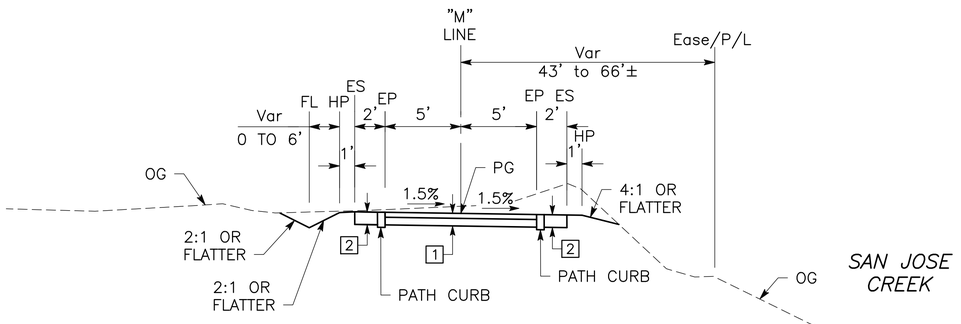
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LIST OF ABBREVIATIONS

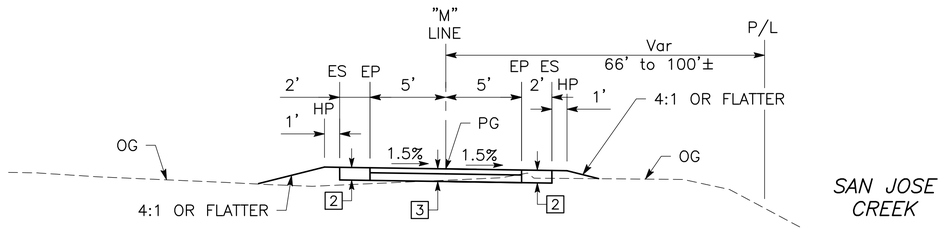
TC = TOP OF CURB
BOC = BACK OF CURB
BOW = BACK OF WALK
GB = GRADE BREAK
AP = ANGLE POINT
AC = ASPHALT CONCRETE
CL = CENTER LINE
Ease = EASEMENT
EP = EDGE OF PAVEMENT
ES = EDGE OF SHOULDER
ETW = EDGE OF TRAVELED WAY
FL = FLOW LINE
Gtr = GUTTER
HMA = HOT MIX ASPHALT
HP = HINGE POINT
LF = LENGTH FOOT
LOL = LAYOUT LINE
Min Clr = MINIMUM CLEARANCE
No. = NUMBER
OG = ORIGINAL GROUND
PG = PROFILE GRADE
P/L = PROPERTY LINE
Ret = RETAINING
R/W = RIGHT OF WAY
RSP = ROCK SLOPE PROTECTION
TCE = TEMPORARY CONSTRUCTION EASEMENT
Typ = TYPICAL
Var = VARIES



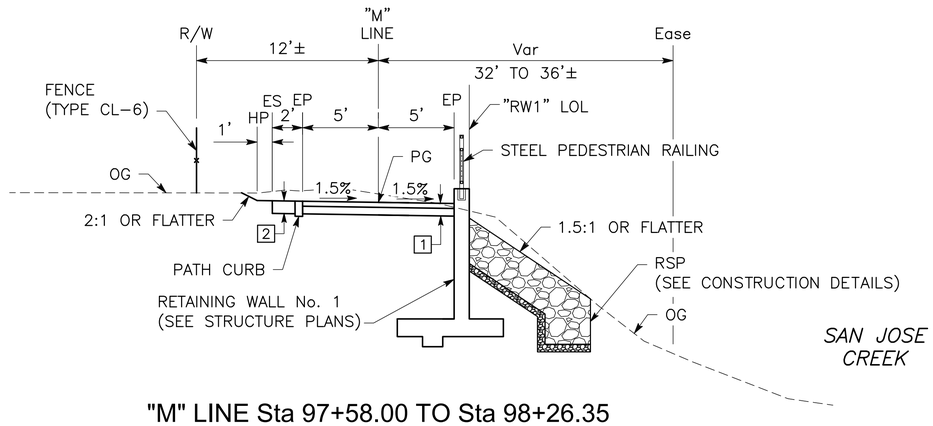
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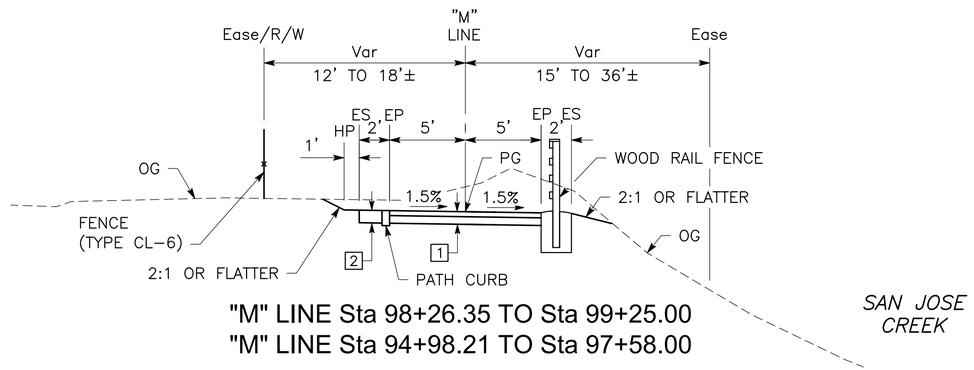
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TYPICAL CROSS SECTIONS

NO SCALE

N-X-1

SHEET 3 OF 262

DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:52 am
LAST REVISION 03-14-25

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-X1-X3.dwg, 3/26/2025 10:52 AM

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NOTES:

FOR PATH INFORMATION BETWEEN Sta 103+55.00 TO Sta 105+76.28, SEE BID ALTERNATE "A" – UPRR SEGMENT.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	3	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

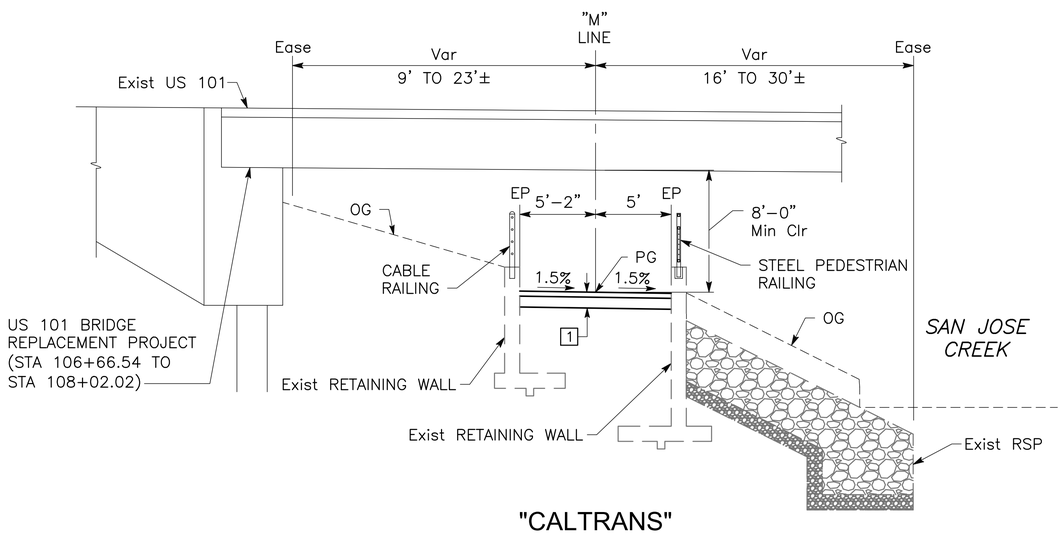
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

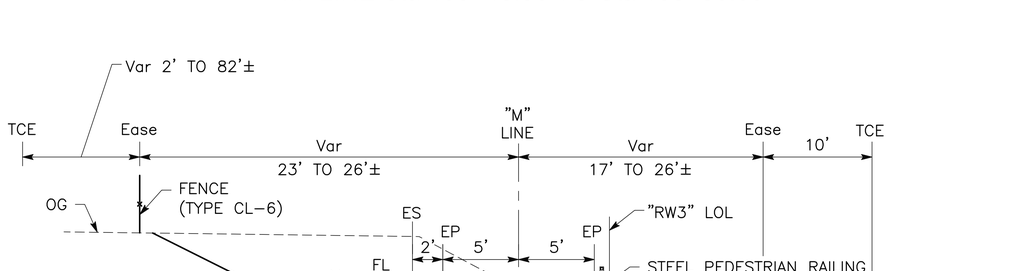
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

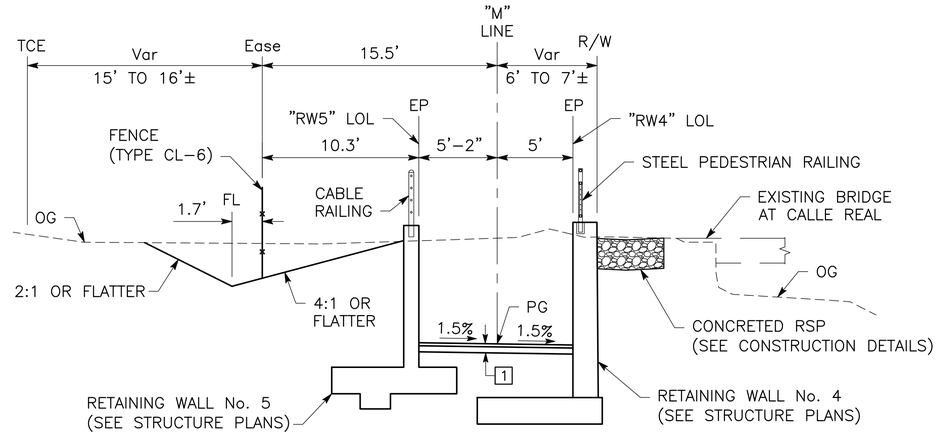
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



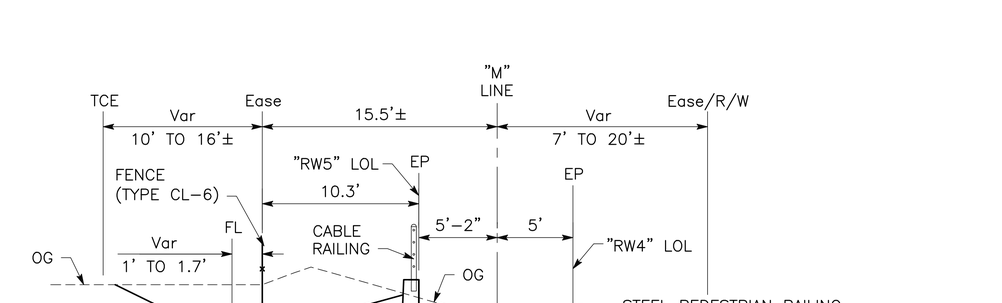
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TYPICAL CROSS SECTIONS

NO SCALE

N-X-2

SHEET 4 OF 262

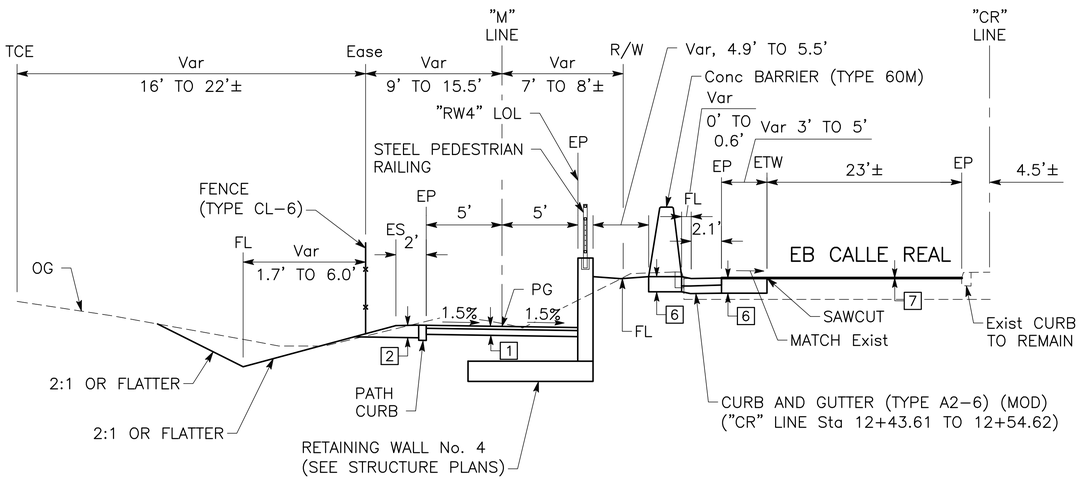
REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED–DESIGNED BY
CHECKED BY
JOSE SILVA
SUPERVISOR
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

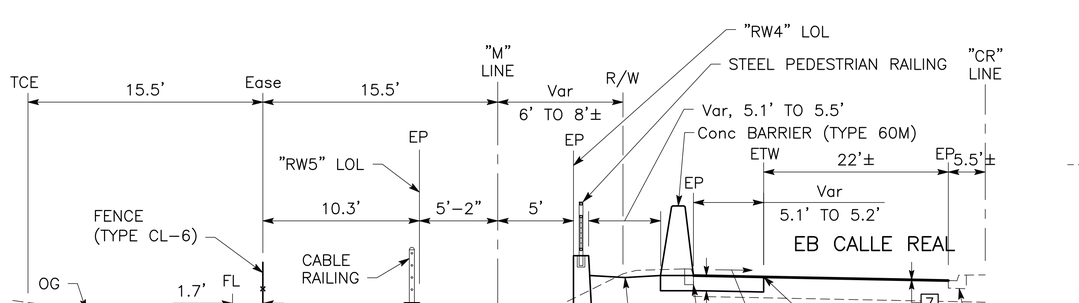
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LAST REVISION 03-14-25

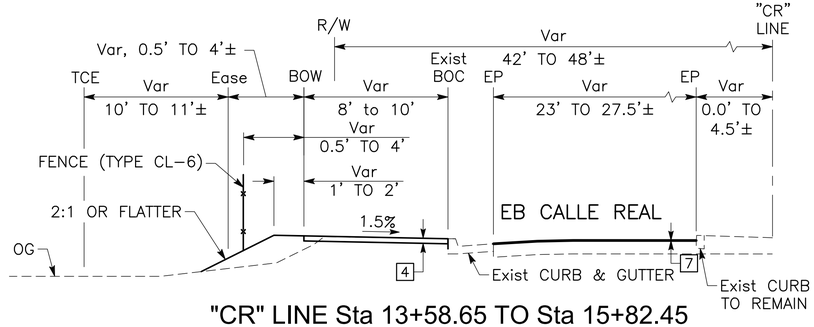
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PROJECT NUMBER & PHASE 0518000229



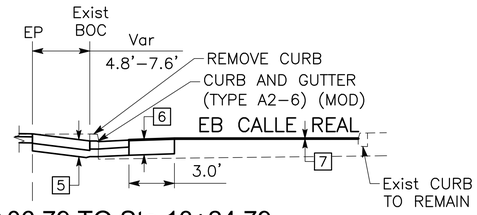
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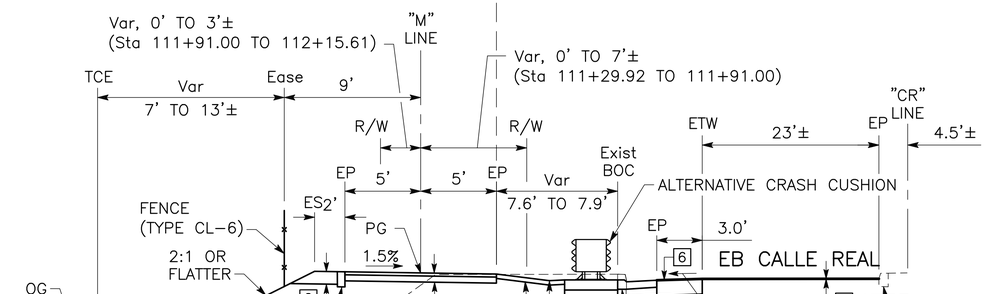
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"CR" LINE Sta 10+78.35 TO Sta 11+83.05



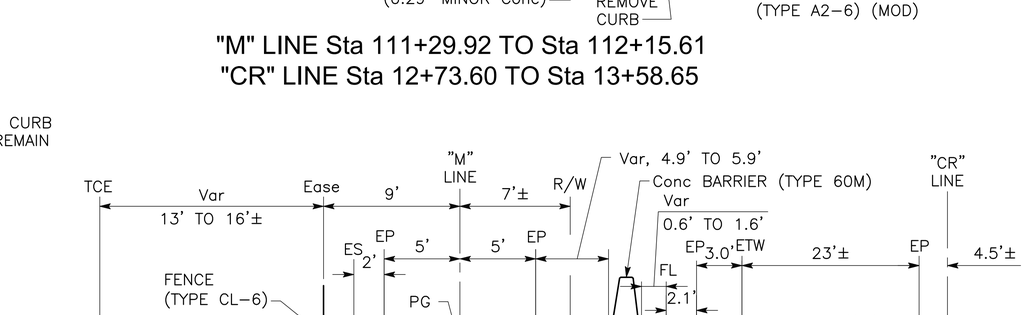
"CR" LINE Sta 13+58.65 TO Sta 15+82.45



"CR" LINE Sta 13+06.79 TO Sta 13+24.79



"M" LINE Sta 111+29.92 TO Sta 112+15.61
"CR" LINE Sta 12+73.60 TO Sta 13+58.65



"M" LINE Sta 111+10.94 TO Sta 111+29.92
"CR" LINE Sta 12+54.62 TO Sta 12+73.60

TYPICAL CROSS SECTIONS

SHEET 5 OF 262 | NO SCALE | N-X-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	4	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES — REGISTERED PROFESSIONAL ENGINEER — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DATE REVISED	REVISED BY

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
SUPERVISOR: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:53 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-X1-X3.dwg, 3/26/2025 10:53 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-X1-X3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	5	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

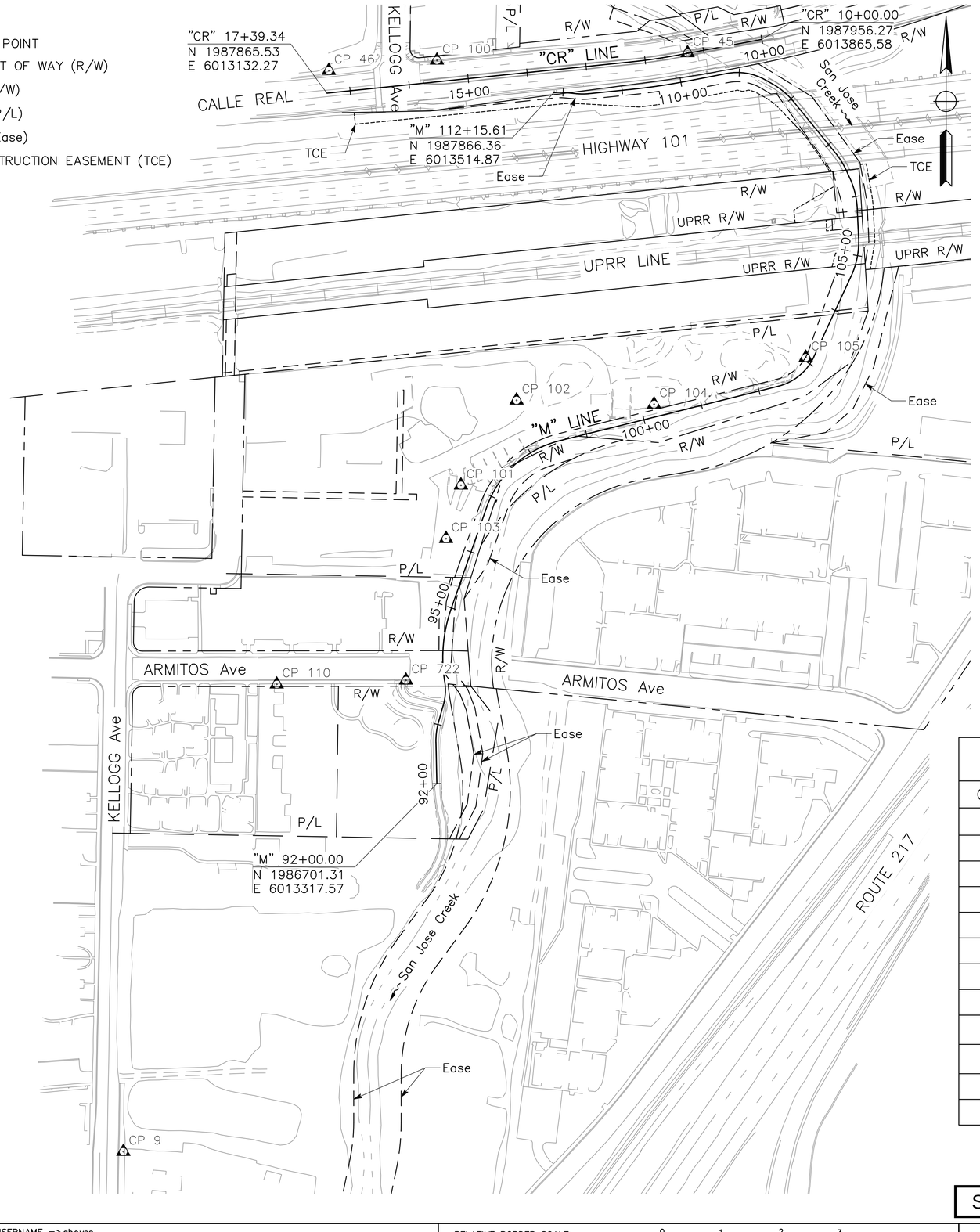
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

LEGEND:

- CP # — SURVEY CONTROL POINT
- STATE/UPRR RIGHT OF WAY (R/W)
- RIGHT OF WAY (R/W)
- PROPERTY LINE (P/L)
- EASEMENT LINE (Ease)
- TEMPORARY CONSTRUCTION EASEMENT (TCE)



NOTES:

1. BASIS OF BEARINGS AND MEASUREMENTS:

THE BEARING OF S88°04'53"E BETWEEN [NGS STATION DESIGNATION HPGN-D CA 05 AS (PID EW9581)] AND [NGS STATION DESIGNATION HPGN-D CA 05 AR (PID EW9580)], ESTABLISHED BY GPS OBSERVATIONS AND TIES TO THE HIGH PRECISION GEODETIC NETWORK (HPGN) PUBLISHED BY THE NATIONAL GEODETIC SURVEY (NGS) WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY. THIS SURVEY IS ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CALIFORNIA STATE PLANE COORDINATE SYSTEM OF 1983 (CCS83), ZONE 5 (1991.35 EPOCH). THE MEASURED DISTANCES FOR THE PROJECT ARE GRID DISTANCES. TO OBTAIN GROUND LEVEL DISTANCES MULTIPLY GRID DISTANCE BY 1.000059852 CALCULATED AT CONTROL POINT 102.

2. BASIS OF ELEVATIONS:

VERTICAL CONTROL FOR THIS PROJECT CONSISTED OF TIES FROM THE NATIONAL GEODETIC SURVEY (NGS) BENCHMARKS C-64 AND 43 LA=F-28.

NGS BENCHMARK DESIGNATION - 43 LA=F 28, PID - EW3774: ELEV. 48.36 FEET (NAVD 88) FOUND A CAPPED 3-1/2 INCH IRON PIPE FLUSH WITH GROUND. IN GOLETA, CA NEAR THE INTERSECTION OF THE SPRR WITH KELLOGG AVENUE, 117 FEET SOUTH OF THE NEAR RAIL, 29 FEET EAST OF THE CENTER OF KELLOGG AVENUE.

NGS BENCHMARK DESIGNATION - C-64, PID - EW3773: ELEV. 35.35 FEET (NAVD 88) MONUMENT IS A BRASS DISK STAMPED "C 64 1927" SET IN THE NORTH FACE OF THE GOLETA VALLEY COMMUNITY CENTER AT 5679 HOLLISTER AVENUE. DISK IS LOCATED APPROXIMATELY 14 FEET EAST OF THE CENTER DOOR OF THREE ENTRANCE DOORS BELOW A TELEPHONE MOUNT.

3. PROJECT CONTROL INFORMATION PROVIDED BY MNS PROJECT CONTROL SUMMARY DATED 1/16/2024.

CONTROL FOR DESIGN AND CONSTRUCTION

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
5	1986921.37	6012240.05	37.26	CP_2"_CD_GWD
9	1986080.84	6012789.03	37.04	CP_AERIAL_TARGET
45	1987933.31	6013740.36	58.66	CP_SCRIBE_X_CNC
46	1987903.60	6013135.46	52.14	CP_SCRIBE_X_CNC
100	1987920.82	6013317.73	54.43	CP_SCRIBE_X_TC
101	1987204.36	6013358.22	50.55	CP_SCRIBE_X_CNC
102	1987347.66	6013451.98	46.58	CP_SCRIBE_X_CNC
103	1987114.40	6013333.04	44.84	CP_SCRIBE_X_CNC
104	1987340.95	6013683.80	48.95	CP_60D_NL/WHSKR
105	1987419.81	6013939.66	45.70	CP_60D_NL/WHSKR
110	1986868.81	6013047.63	45.79	CP_SCRIBE_X_CNC
722	1986875.49	6013265.52	46.81	CP_SCRIBE_X

PROJECT CONTROL

NO SCALE

N-PC-1

SHEET 6 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:53 am

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BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-PC1.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	6	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

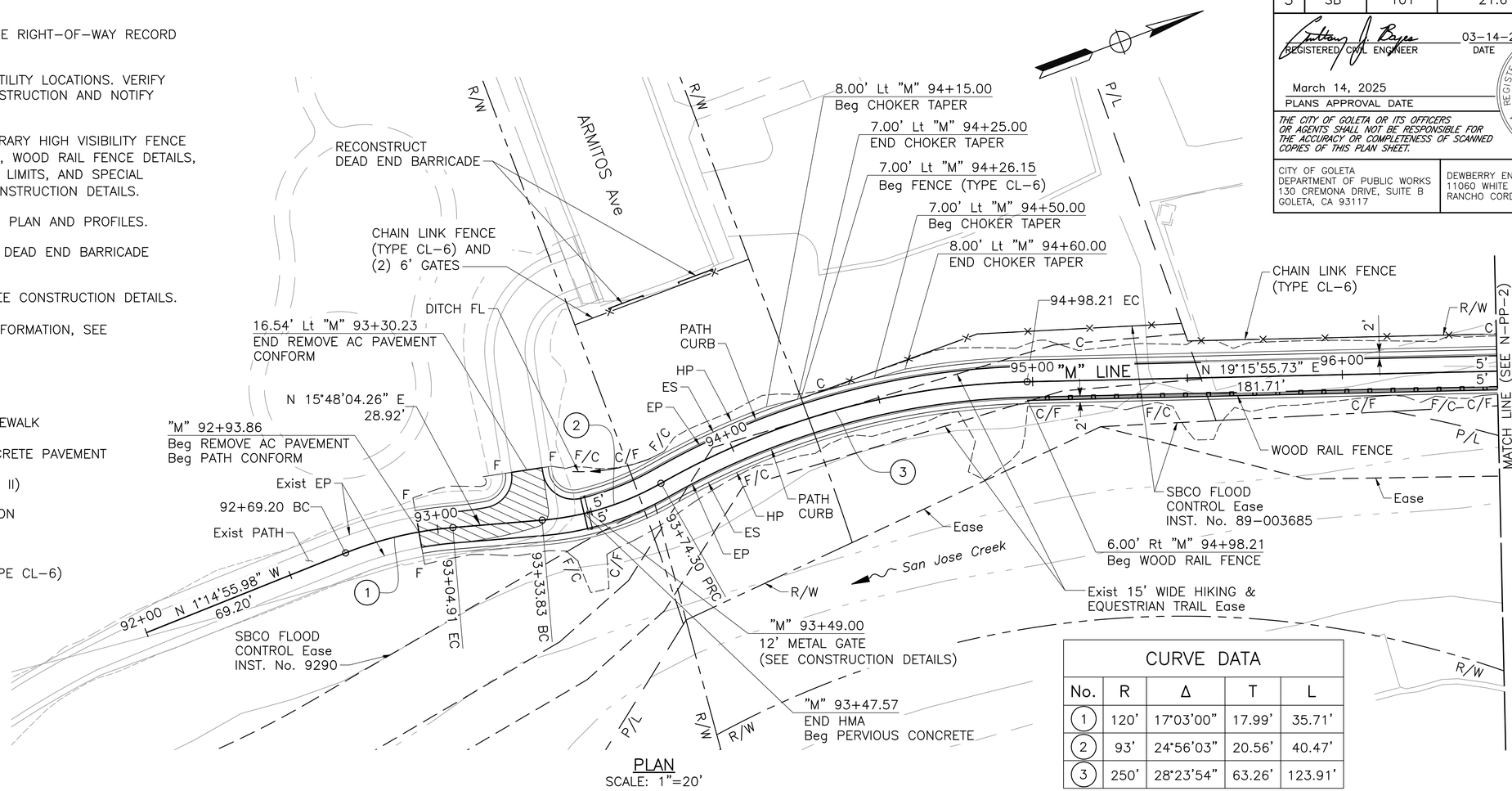
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE UTILITY PLANS FOR APPROXIMATE UTILITY LOCATIONS. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. FOR TREE REMOVAL, RSP LIMITS, TEMPORARY HIGH VISIBILITY FENCE (THVF) LIMITS, CHAIN LINK FENCE LIMITS, WOOD RAIL FENCE DETAILS, ENVIRONMENTALLY SENSITIVE AREA (ESA) LIMITS, AND SPECIAL PROTECTION AREA (SPA) LIMITS, SEE CONSTRUCTION DETAILS.
4. FOR DRAINAGE FACILITIES, SEE DRAINAGE PLAN AND PROFILES.
5. SEE CITY STANDARD DETAIL 7-020 FOR DEAD END BARRICADE INFORMATION.
6. FOR WOOD RAIL FENCE INFORMATION, SEE CONSTRUCTION DETAILS.
7. FOR CHAIN LINK FENCE (TYPE CL-6) INFORMATION, SEE CONSTRUCTION DETAILS.

LEGEND:

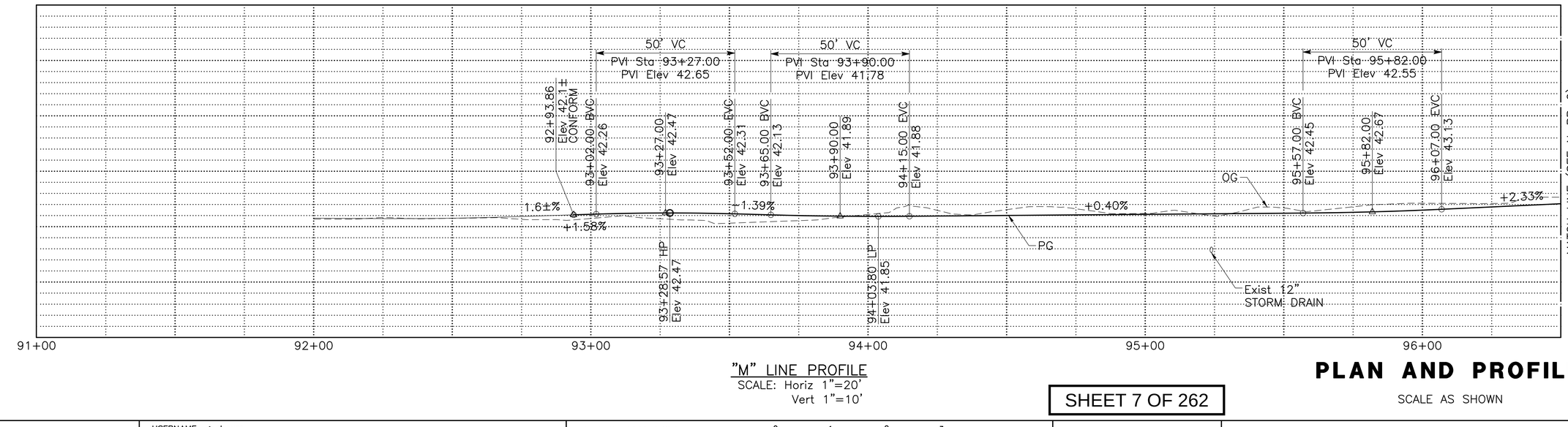
- REMOVE CONCRETE SIDEWALK
- REMOVE ASPHALT CONCRETE PAVEMENT
- MICROSURFACING (TYPE II)
- ROCK SLOPE PROTECTION
- WOOD RAIL FENCE
- CHAIN LINK FENCE (TYPE CL-6)
- RETAINING WALL
- C — CUT
- F — FILL



PLAN
SCALE: 1"=20'

CURVE DATA

No.	R	Δ	T	L
1	120'	17°03'00"	17.99'	35.71'
2	93'	24°56'03"	20.56'	40.47'
3	250'	28°23'54"	63.26'	123.91'



"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-1

SHEET 7 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA
CALCULATED-DESIGNED BY	CHECKED BY

JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:53 am

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BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-PP1-PP5.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE CONSTRUCTION DETAILS FOR MASONRY WALL REMOVAL LIMITS.
3. SEE STRUCTURE PLANS FOR STEEL PEDESTRIAN RAILING DETAILS.
4. SEE DRAINAGE PLANS FOR ADDITIONAL EXISTING STORM DRAIN INFORMATION.
5. FOR DRAINAGE SWALE DETAIL AND CONTOUR GRADING INFORMATION, SEE DRAINAGE PLAN.
6. FOR WOOD RAIL FENCE INFORMATION, SEE CONSTRUCTION DETAILS.

CURVE DATA				
No.	R	Δ	T	L
(4)	175'	56°44'25"	94.50'	173.30'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	7	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

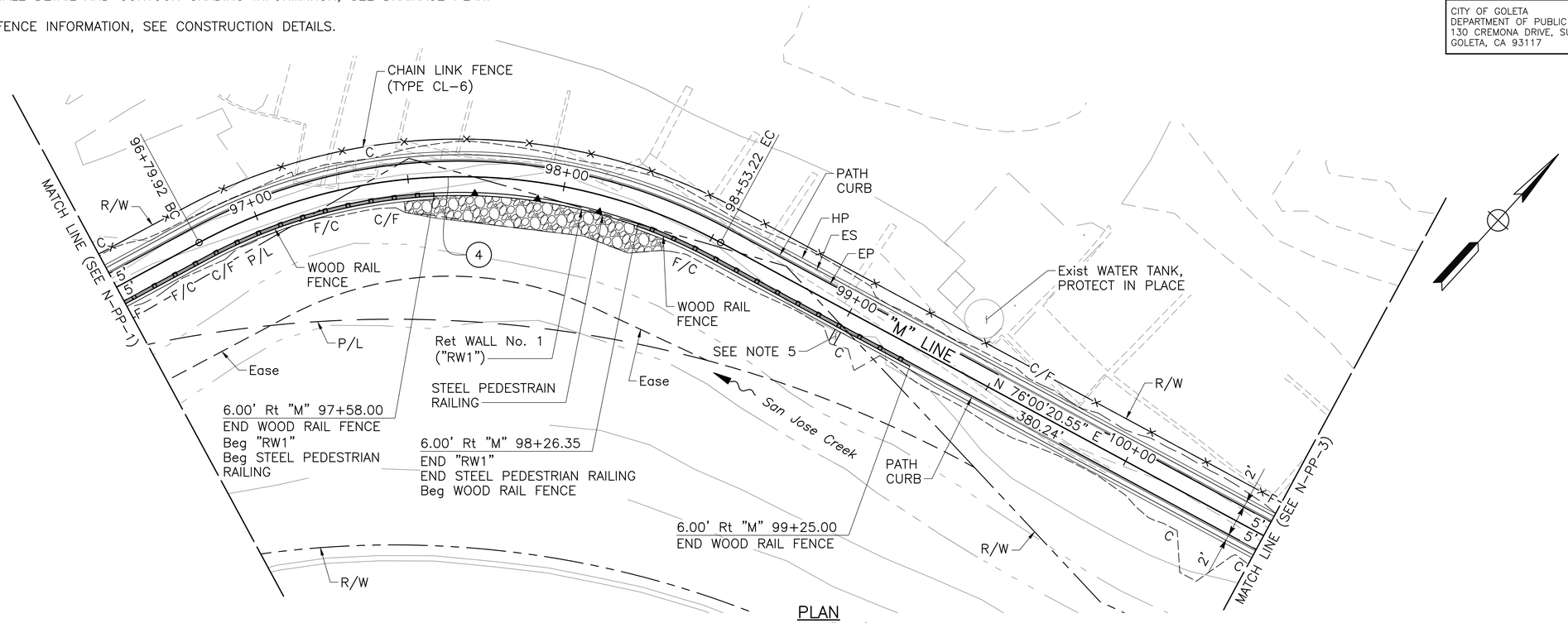
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

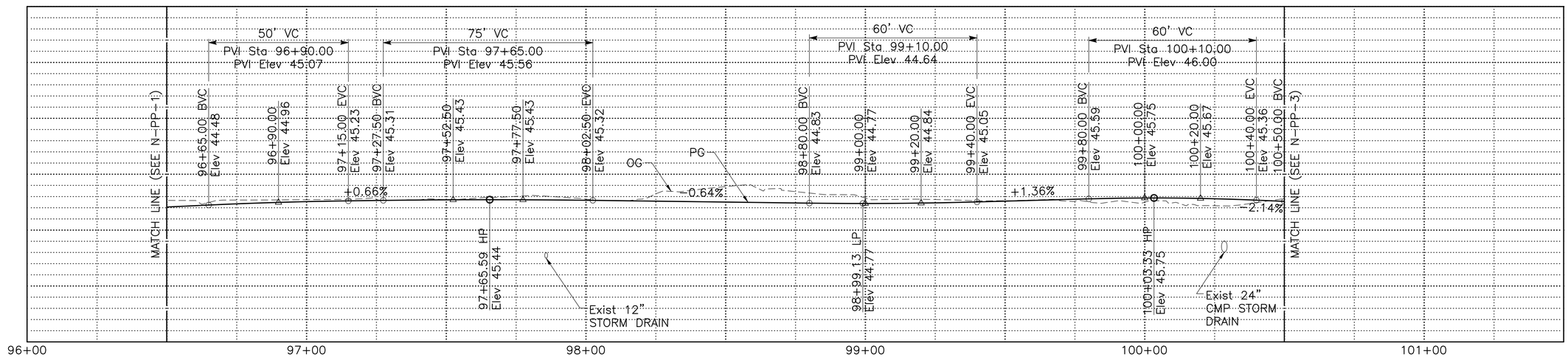
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-2

SHEET 8 OF 262

CALCULATED-DESIGNED BY	A. BOYES
CHECKED BY	J. SILVA
SUPERVISOR	JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	
REVISED BY	
DATE REVISED	
LAST REVISION	03-14-25
DATE PLOTTED =>	Mar 26, 2025
TIME PLOTTED =>	10:53 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-PP1-PP5.dwg, 3/26/2025 10:53 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-PP1-PP5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	8	80

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

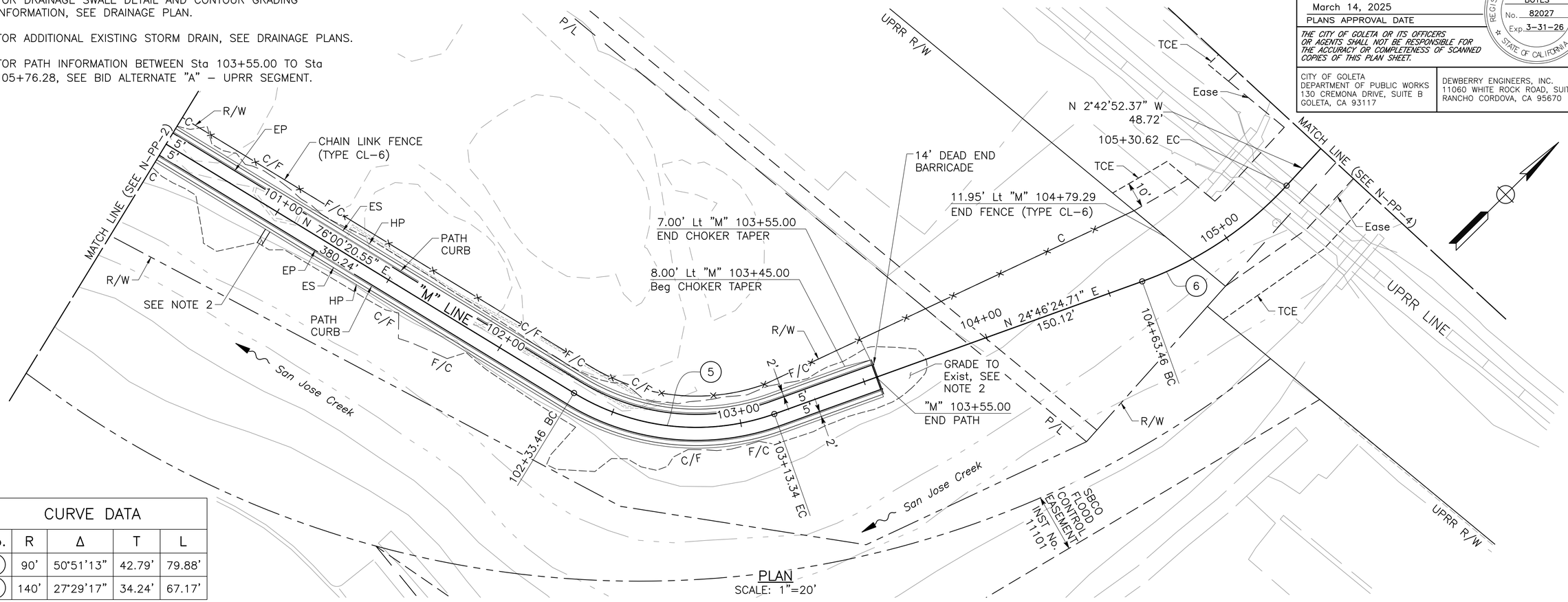
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

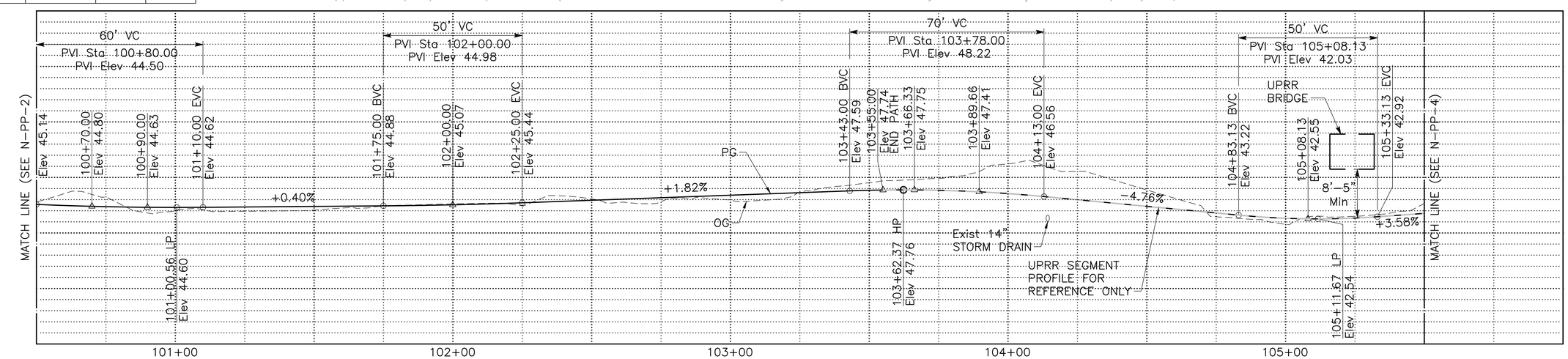
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR DRAINAGE SWALE DETAIL AND CONTOUR GRADING INFORMATION, SEE DRAINAGE PLAN.
3. FOR ADDITIONAL EXISTING STORM DRAIN, SEE DRAINAGE PLANS.
4. FOR PATH INFORMATION BETWEEN Sta 103+55.00 TO Sta 105+76.28, SEE BID ALTERNATE "A" – UPRR SEGMENT.



PLAN
SCALE: 1"=20'

CURVE DATA				
No.	R	Δ	T	L
5	90'	50°51'13"	42.79'	79.88'
6	140'	27°29'17"	34.24'	67.17'



"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-3

SHEET 9 OF 262

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:54 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-PP1-PP5.dwg, 3/26/2025 10:54 AM

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-PP1-PP5.dwg
RELATIVE BORDER SCALE IS IN INCHES (0 1 2 3)
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR STREET LIGHT RELOCATIONS, SEE ELECTRICAL PLAN.
3. FOR TEMPORARY SHEET PILING INFORMATION, SEE STRUCTURE PLANS.

CURVE DATA				
No.	R	Δ	T	L
(7)	140'	21°45'31"	26.91'	53.17'
(8)	140'	14°43'31"	18.09'	35.98'
(9)	125'	21°33'13"	23.79'	47.02'

CURVE DATA				
No.	R	Δ	T	L
(10)	95'	40°11'40"	34.76'	66.65'
(11)	1055'	5°04'59"	46.83'	93.59'
(12)	916'	4°45'27"	38.05'	76.06'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	9	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

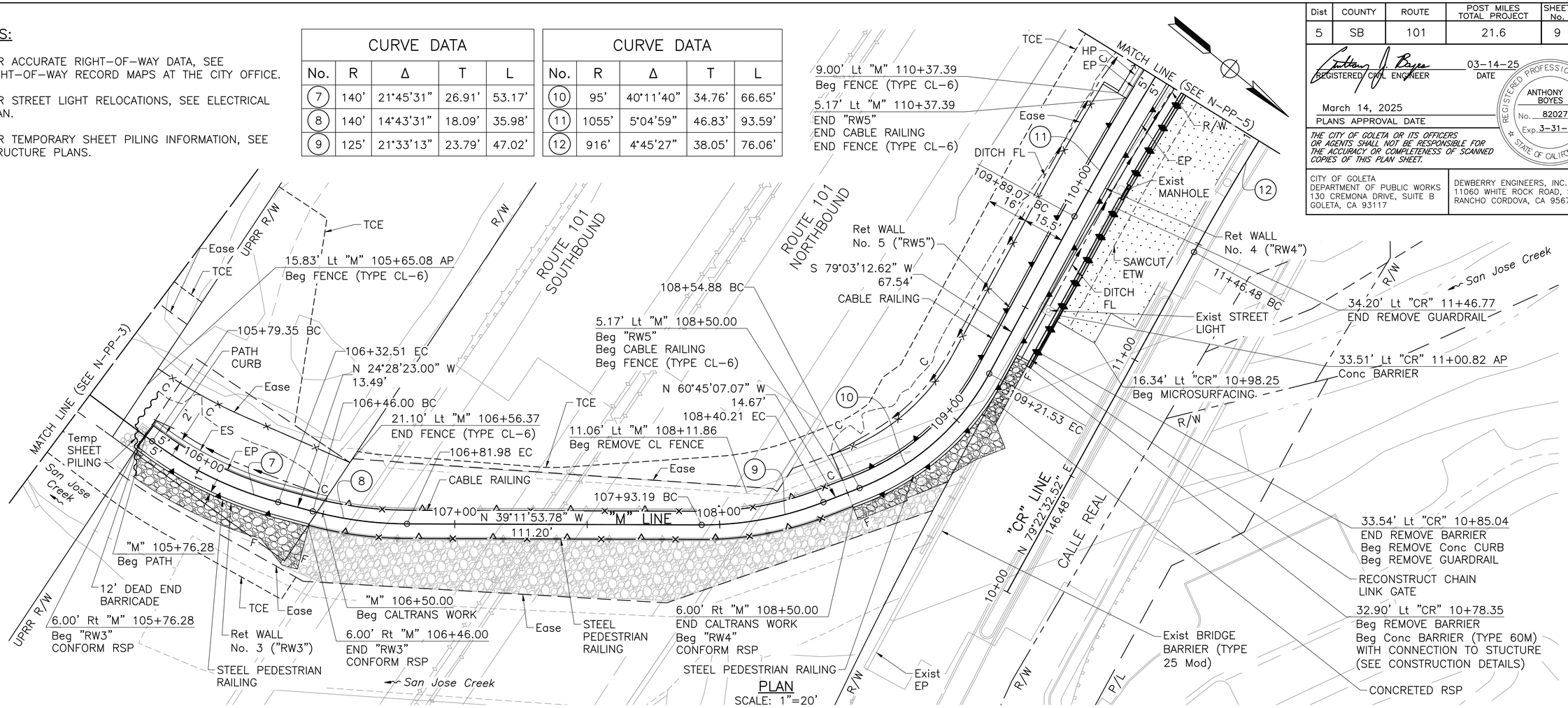
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

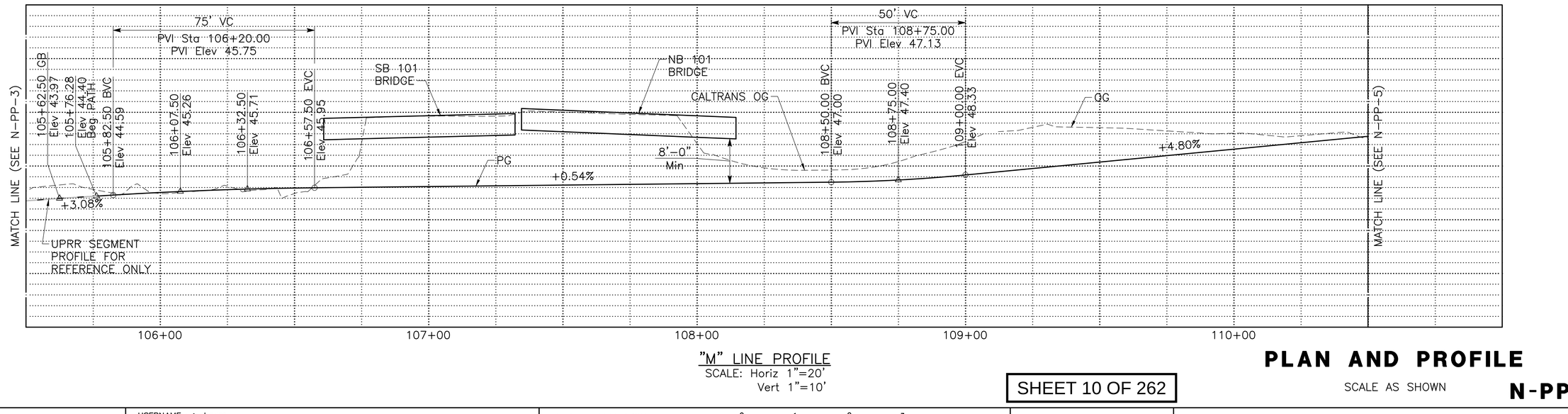
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-4

SHEET 10 OF 262

REVISED BY	DATE REVISED

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:54 am

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BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE–R–PP1–PP5.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR CURB AND GUTTER, BARRIER, Temp BUS STOP, MAINTENANCE ACCESS DETAIL AND SIDEWALK TRANSITIONS, SEE CONSTRUCTION DETAILS.
3. FOR RELOCATION AND SIGN INFORMATION, SEE PAVEMENT DELINEATION AND SIGN PLANS.
4. FOR STREET LIGHT RELOCATIONS, SEE ELECTRICAL PLANS.
5. MICROSURFACING LIMITS TO BE VERIFIED IN THE FIELD BASED ON CITY'S PRECEDING OVERLAY PROJECT.

CURVE DATA				
No.	R	Δ	T	L
(13)	100'	11°28'07"	10.04'	20.02'
(14)	100'	11°32'27"	10.11'	20.14'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	10	80

REGISTERED CIVIL ENGINEER — 04-15-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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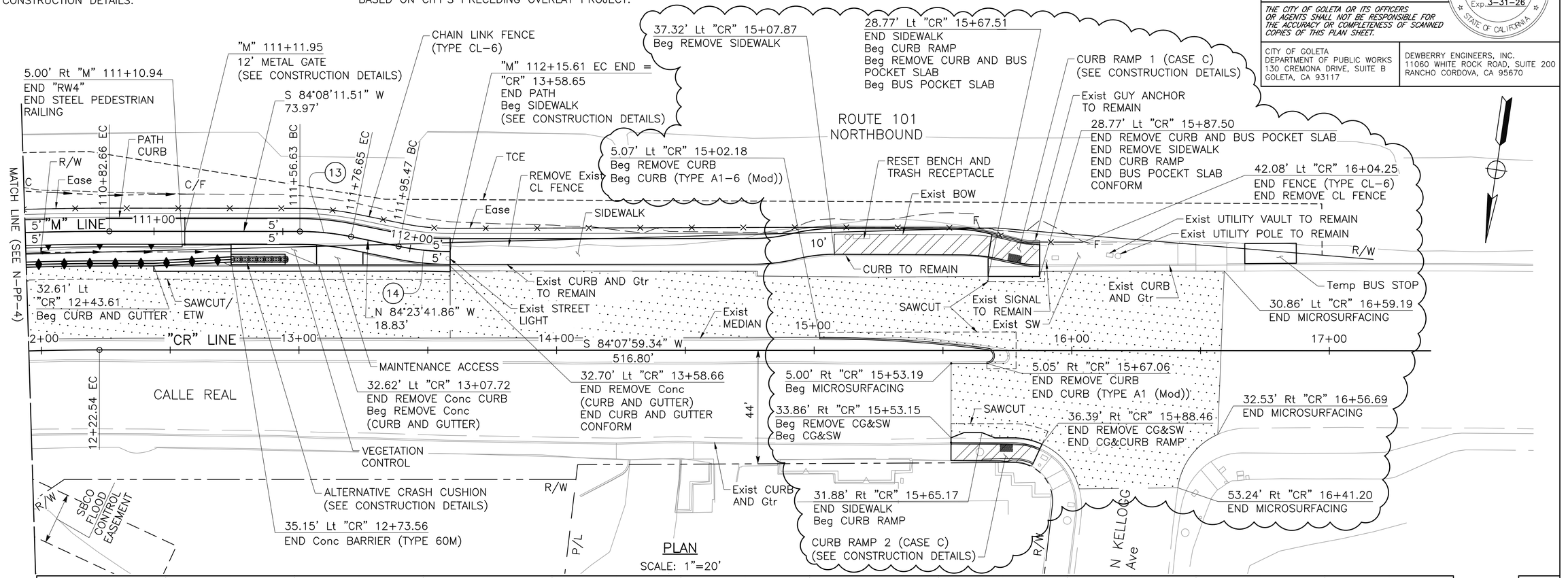
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

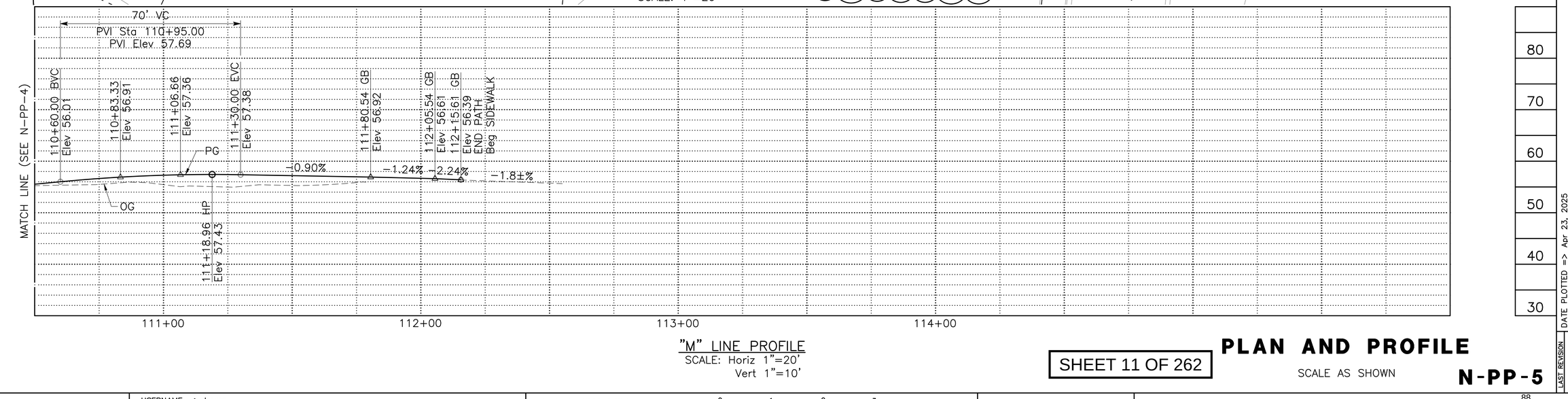
REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–PP1–PP5.dwg, 4/23/2025 2:59 PM



PLAN
SCALE: 1"=20'



"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 11 OF 262

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-5

DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 2:59 pm
LAST REVISION 04-15-25

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE–R–PP1–PP5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.

LEGEND:

//////// MASONRY WALL REMOVAL (REMOVE RETAINING WALL (PORTION))

REMOVE RETAINING WALL QUANTITIES

WALL No.	1	2	3	4	5	6	7	8	9	10	11	TOTAL
REMOVAL LENGTH (LF)	28	73	88	36	40	27	36	48	103	12	16	507

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	11	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

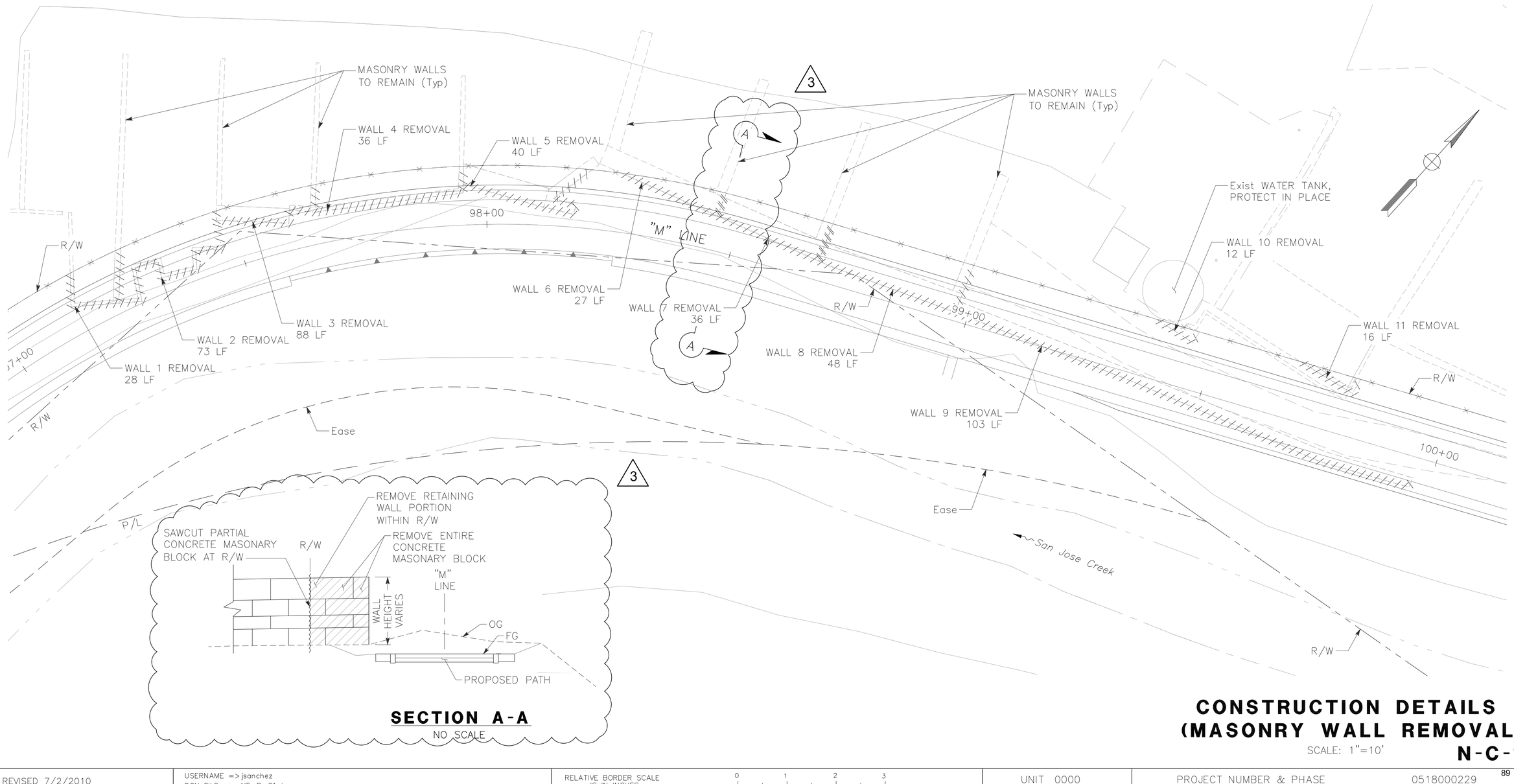
April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SECTION A-A
NO SCALE

CONSTRUCTION DETAILS (MASONRY WALL REMOVAL)

SCALE: 1"=10'

N-C-1

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY: EC
DATE REVISED: 4/30/25 (A) ADDENDUM 3

U:\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C1.dwg, 4/30/2025 1:59 PM

LAST REVISION => 04-15-25
DATE PLOTTED => Apr 30, 2025
TIME PLOTTED => 1:59 pm

BORDER LAST REVISED 7/2/2010 | USERNAME => jsanchez | DGN FILE => NE-R-C1.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	12	80

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.

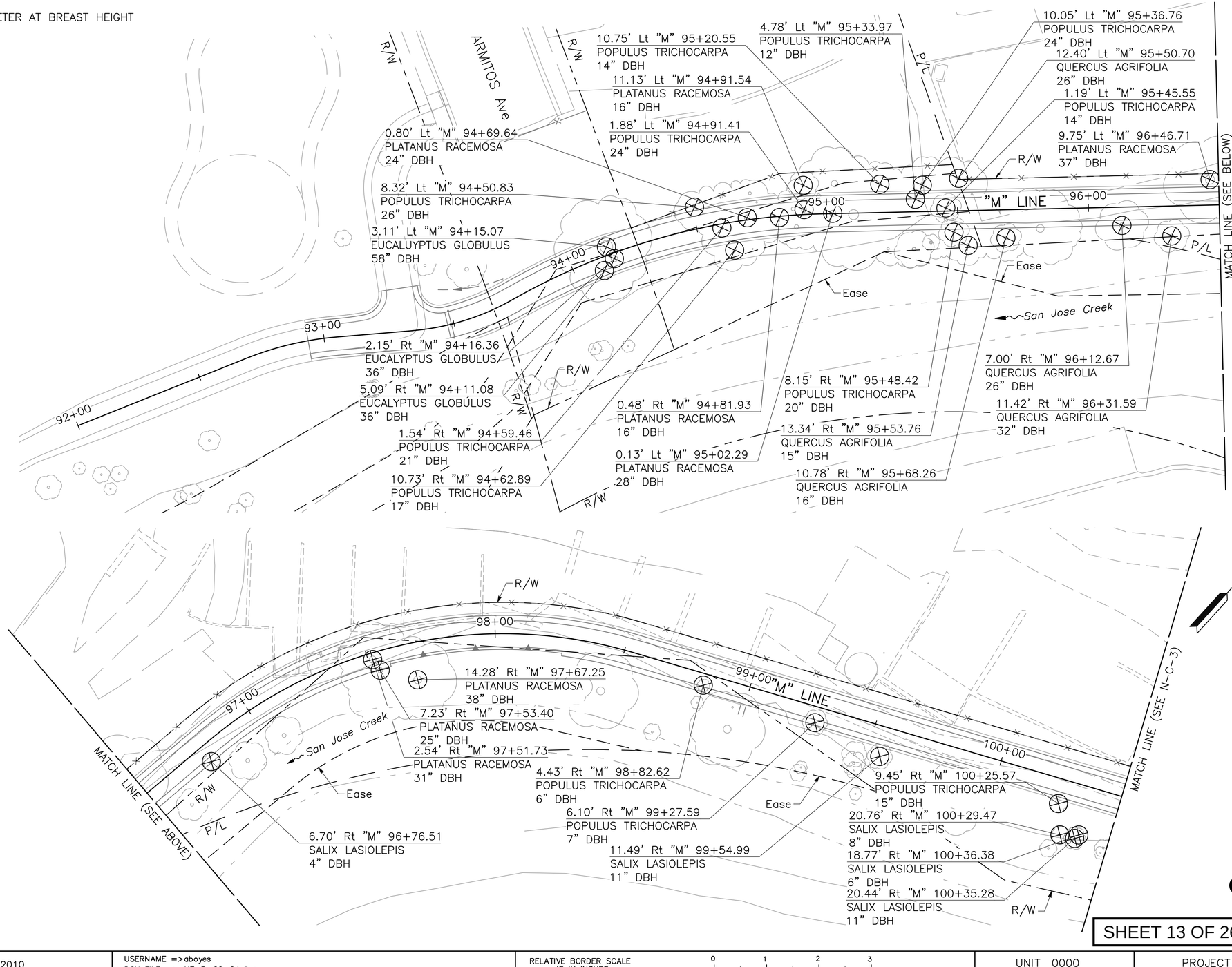
ABBREVIATION:

DBH DIAMETER AT BREAST HEIGHT

LEGEND:

⊗ TREE REMOVAL

FLOW LINE DIRECTION



CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

N-C-2

SHEET 13 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:54 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C2-C4.dwg, 3/26/2025 10:54 AM

BORDER LAST REVISED 7/2/2010
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DGN FILE => NE-R-C2-C4.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	13	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

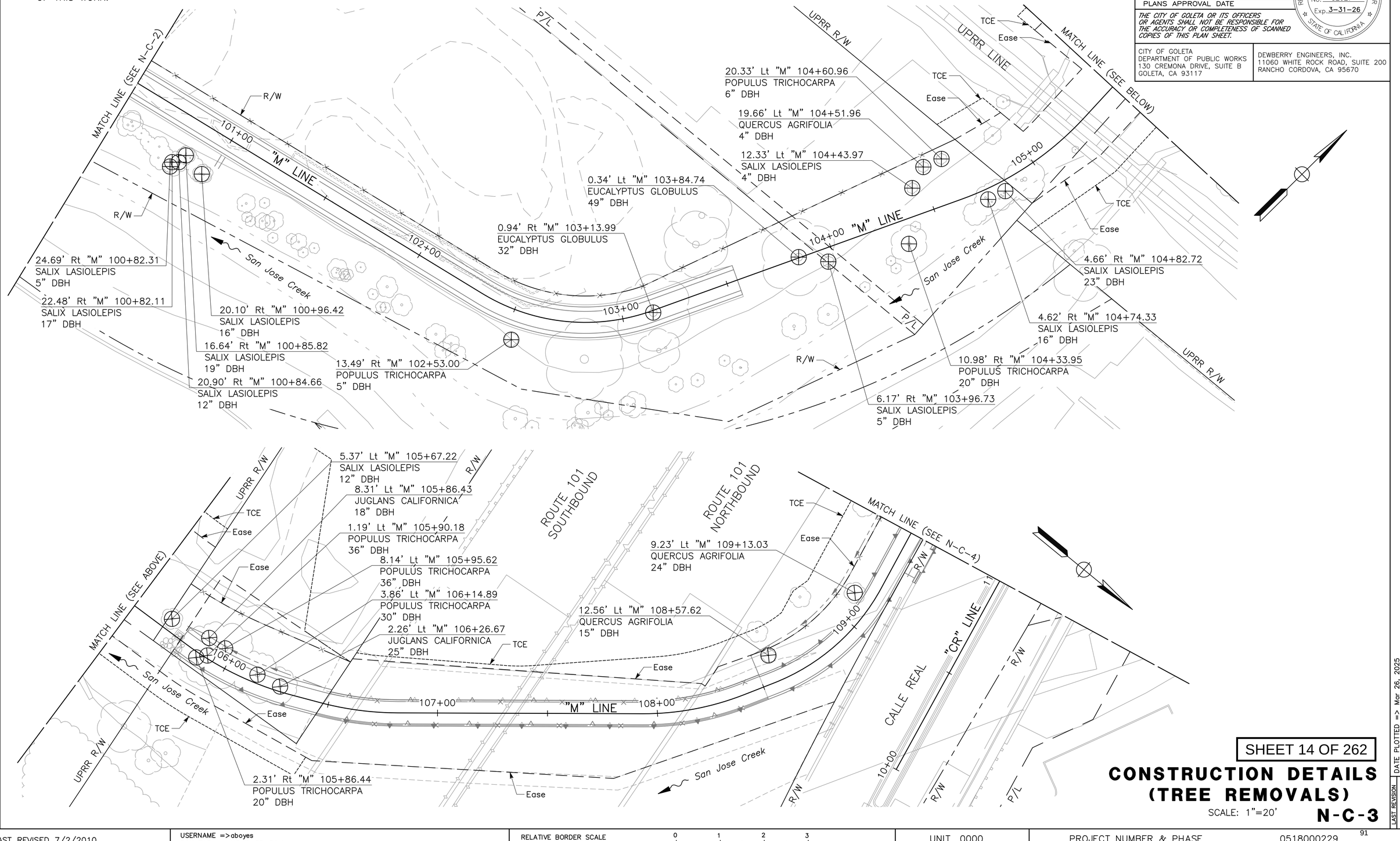
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.



SHEET 14 OF 262

CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

N-C-3

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
A. BOYES	J. SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 10:55 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C2-C4.dwg, 3/26/2025 10:55 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C2-C4.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	14	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

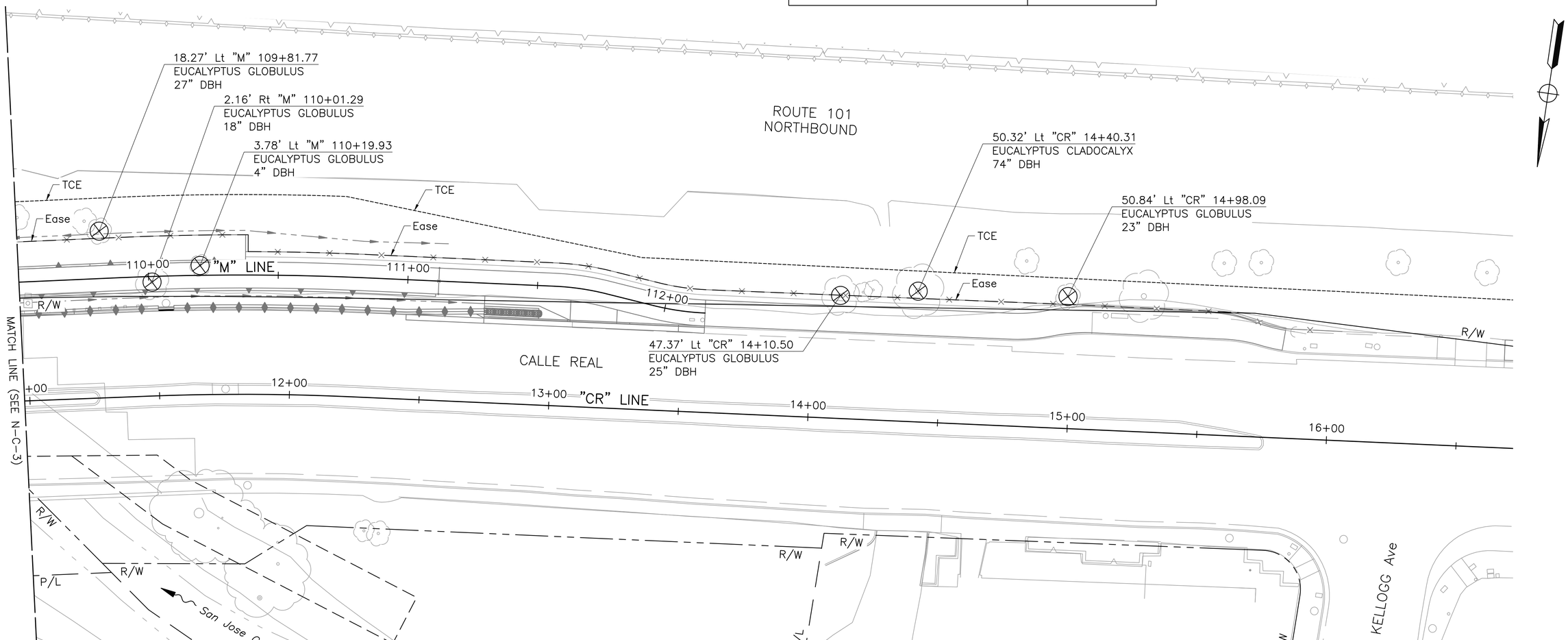
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.

TREE REMOVAL QUANTITIES

SPECIES NAME	REMOVE TREE
	EA
EUCALYPTUS CLADOCALYX	1
EUCALYPTUS GLOBULUS	10
JUGLANS CALIFORNICA	2
PLATANUS RACEMOSA	8
POPULUS TRICHOCARPA	19
QUERCUS AGRIFOLIA	8
SALIX LASIOLEPIS	15
TOTAL	63



CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

N-C-4

SHEET 15 OF 262

92

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C2-C4.dwg, 3/26/2025 10:55 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED-DESIGNED BY: A. BOYES | CHECKED BY: J. SILVA | REVISED BY | DATE REVISED

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 10:55 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C2-C4.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	15	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

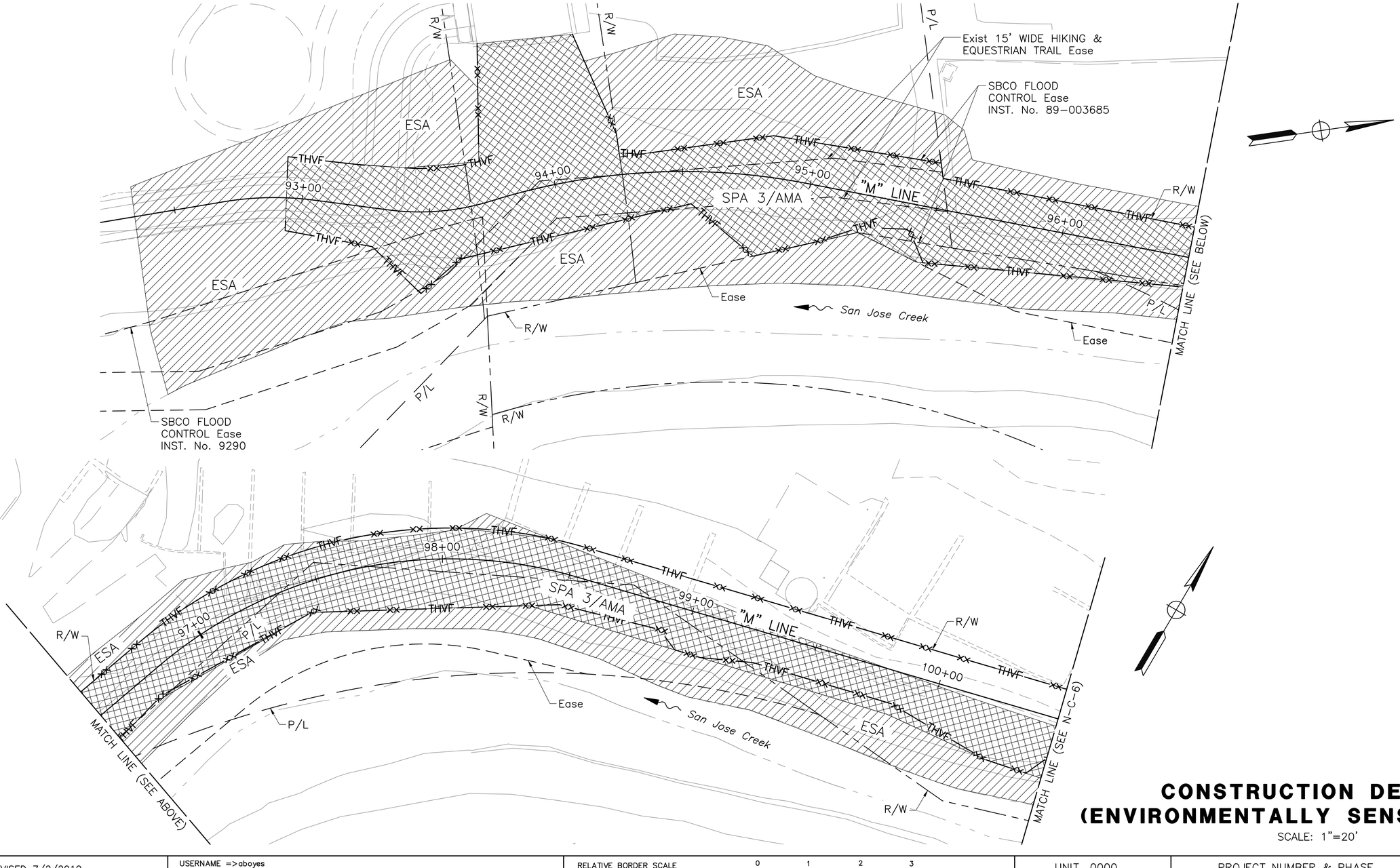
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.
3. THE NORTHERN SEGMENT WORK IS LOCATED OUTSIDE OF THE CITY OF GOLETA COASTAL ZONE BOUNDARY.
4. SEE SHEETS N-C-8 AND N-C-9 FOR TEMPORARY HIGH VISIBILITY FENCE INFORMATION.

LEGEND:

- SPA 2 — SPA 2 (JURISDICTIONAL WATERS IN SAN JOSE CREEK)
- SPA 3 — SPA 3 (JURISDICTIONAL RIPARIAN HABITAT)
- SPA 3/AMA — SPA 3/AMA (JURISDICTIONAL RIPARIAN HABITAT)/AMA
- ESA — ESA



SHEET 16 OF 262

CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

N-C-5

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS — CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
A. BOYES	J. SILVA		

LAST REVISION 03-14-25 — DATE PLOTTED => Mar 26, 2025 — TIME PLOTTED => 10:55 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C5-C7.dwg, 3/26/2025 10:55 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C5-C7.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	16	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

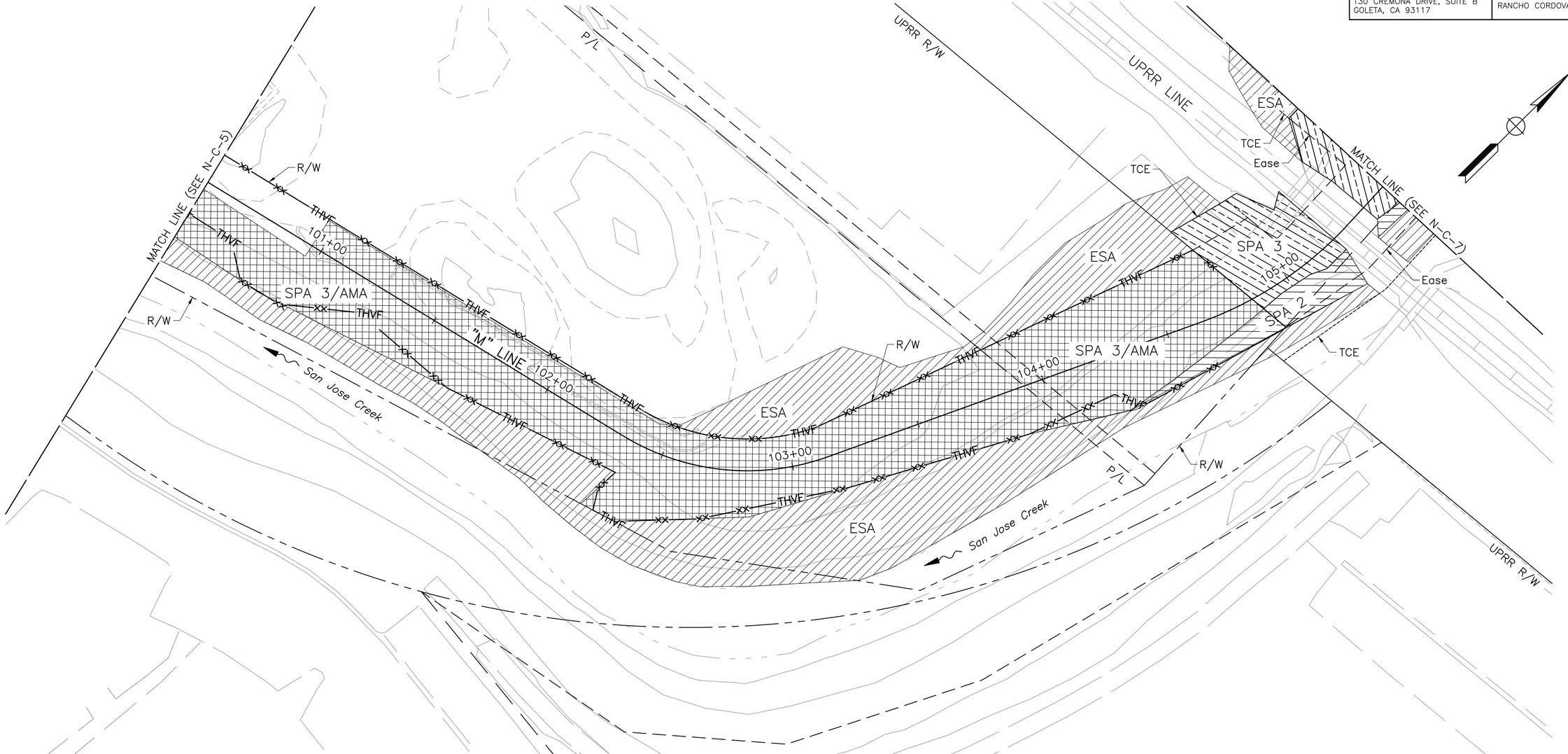
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

N-C-6

SHEET 17 OF 262

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C5-C7.dwg, 3/26/2025 10:55 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED
LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:55 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C5-C7.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	17	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

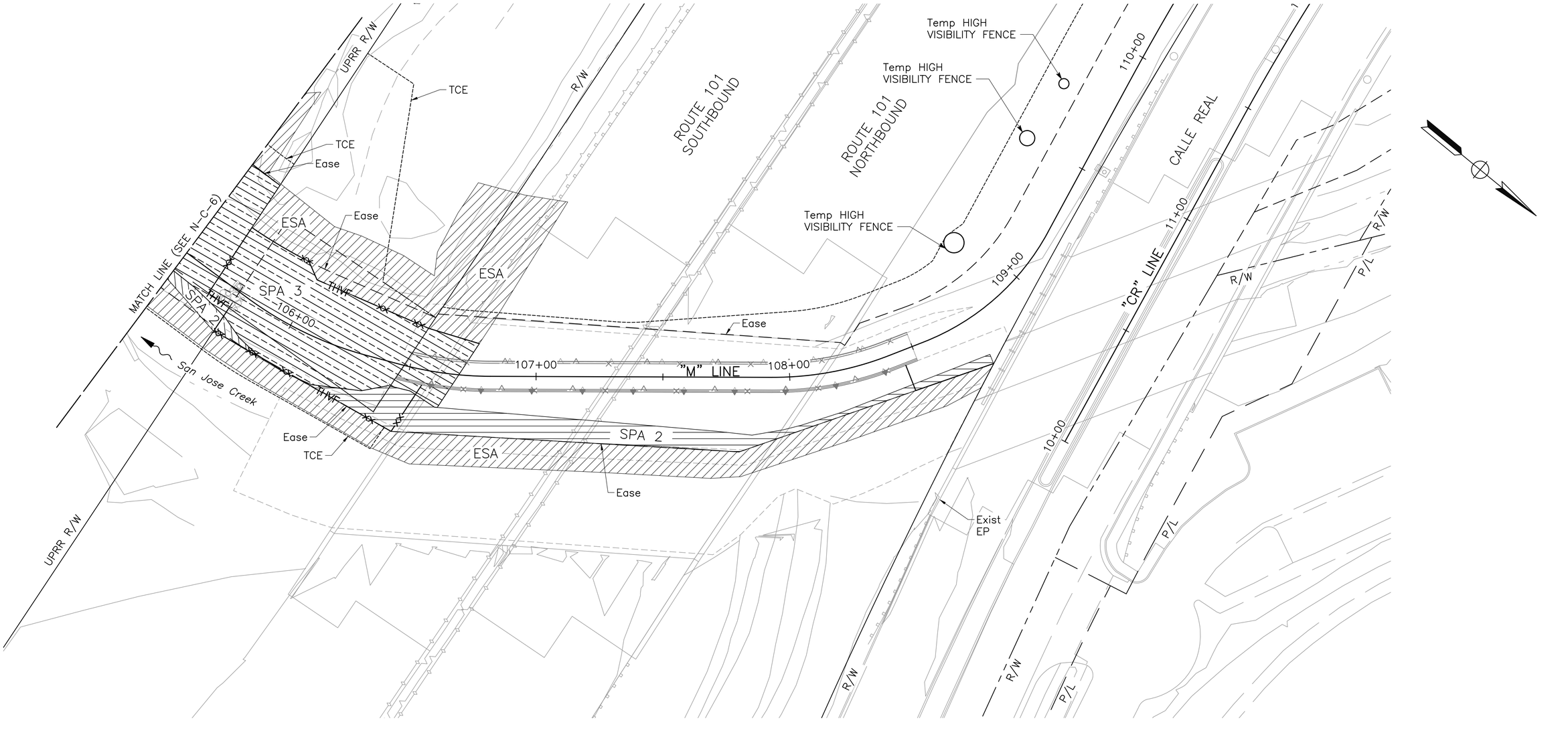
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

N-C-7

SHEET 18 OF 262

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:55 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C5-C7.dwg, 3/26/2025 10:55 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C5-C7.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 95

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

LEGEND:

–THVF——xx—— TEMPORARY HIGH-VISIBILITY FENCE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	18	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

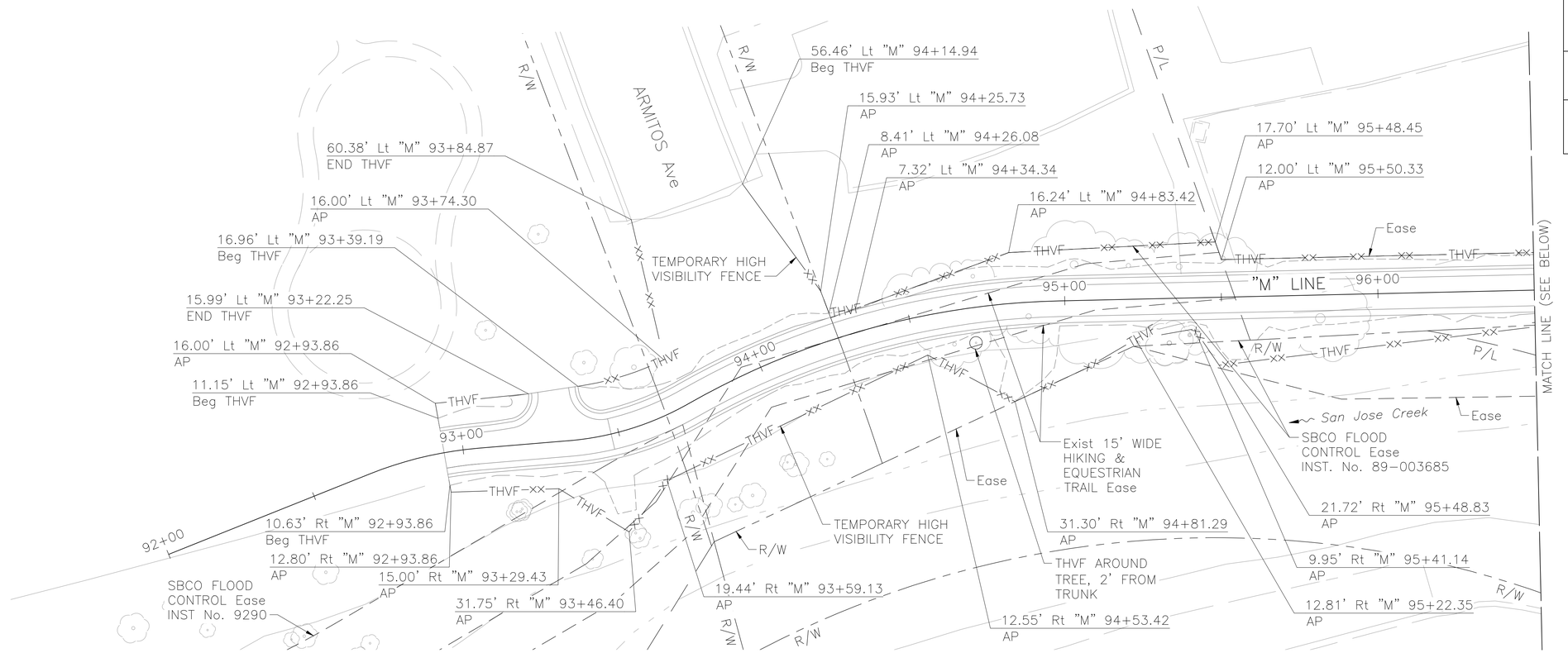
March 14, 2025
PLANS APPROVAL DATE

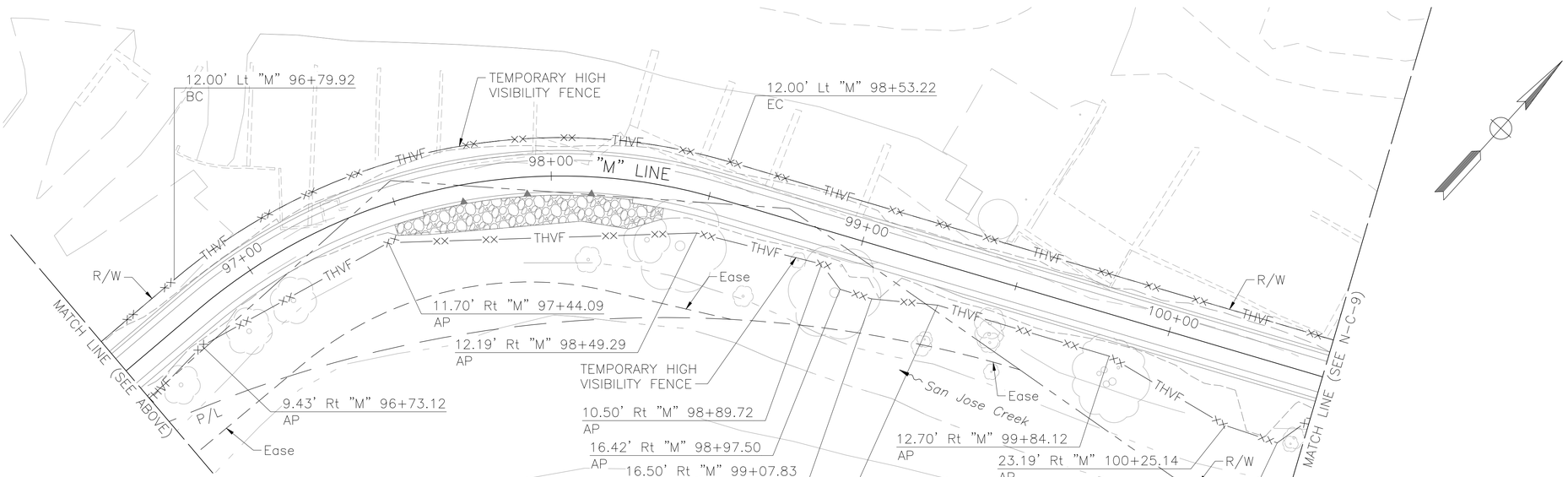
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





CONSTRUCTION DETAILS (TEMPORARY HIGH VISIBILITY FENCE)

SCALE: 1"=20'

N-C-8

SHEET 19 OF 262

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
A. BOYES	J. SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 11:30 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C8-C9.dwg, 3/26/2025 11:30 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C8-C9.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	19	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

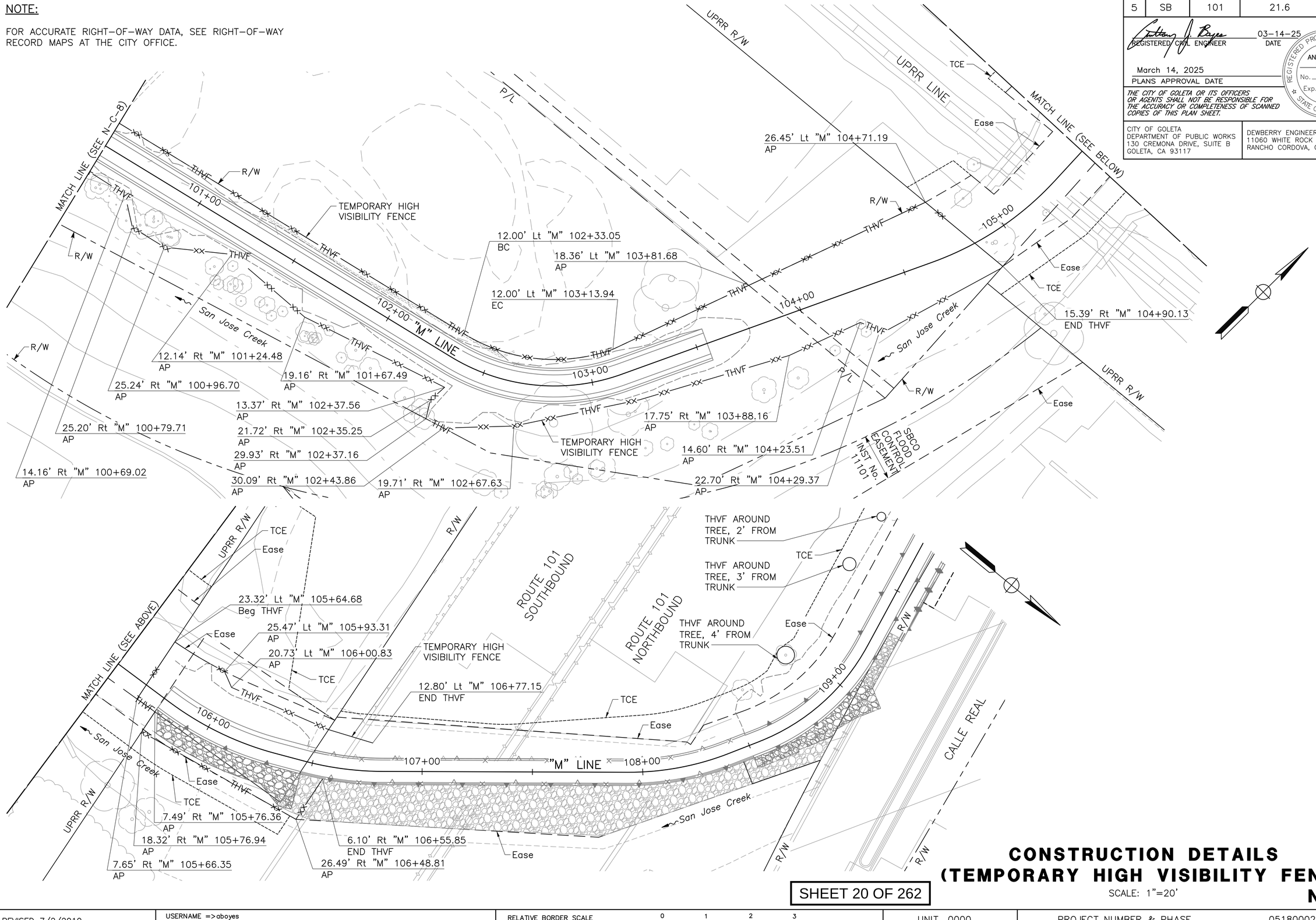
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (TEMPORARY HIGH VISIBILITY FENCE)

SCALE: 1"=20'

N-C-9

SHEET 20 OF 262

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	CALCULATED-DESIGNED BY: A. BOYES	CHECKED BY: J. SILVA	REVISED BY	DATE REVISED

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil Plans\NE-R-C8-C9.dwg, 3/26/2025 10:56 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:56 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C8-C9.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	20	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

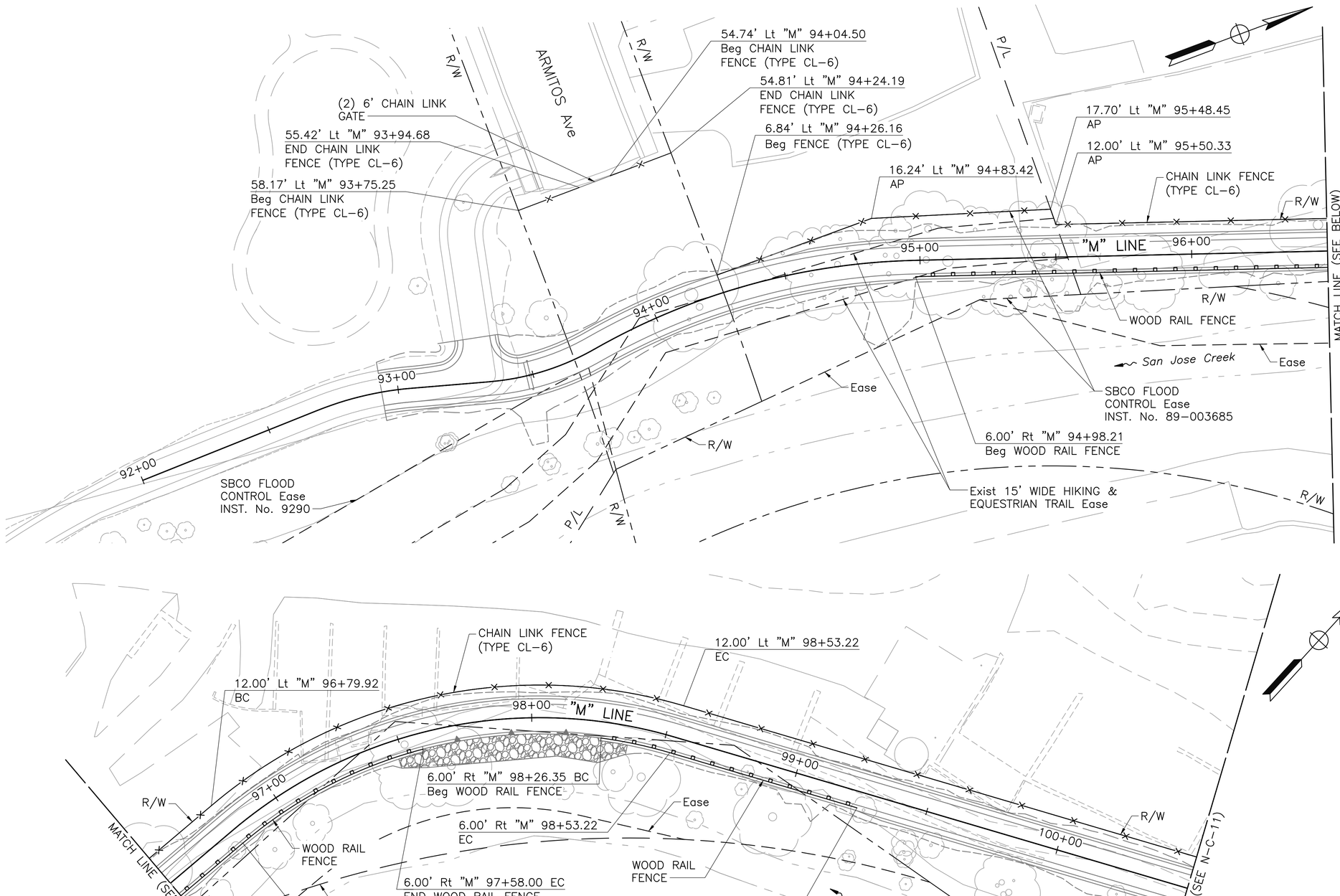
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (FENCING LIMITS)

SCALE: 1"=20'

N-C-10

SHEET 21 OF 262

98

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	CALCULATED-DESIGNED BY: A. BOYES	CHECKED BY: J. SILVA	REVISED BY	DATE REVISED

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C10-C12.dwg, 3/26/2025 10:56 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:56 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-C10-C12.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	21	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

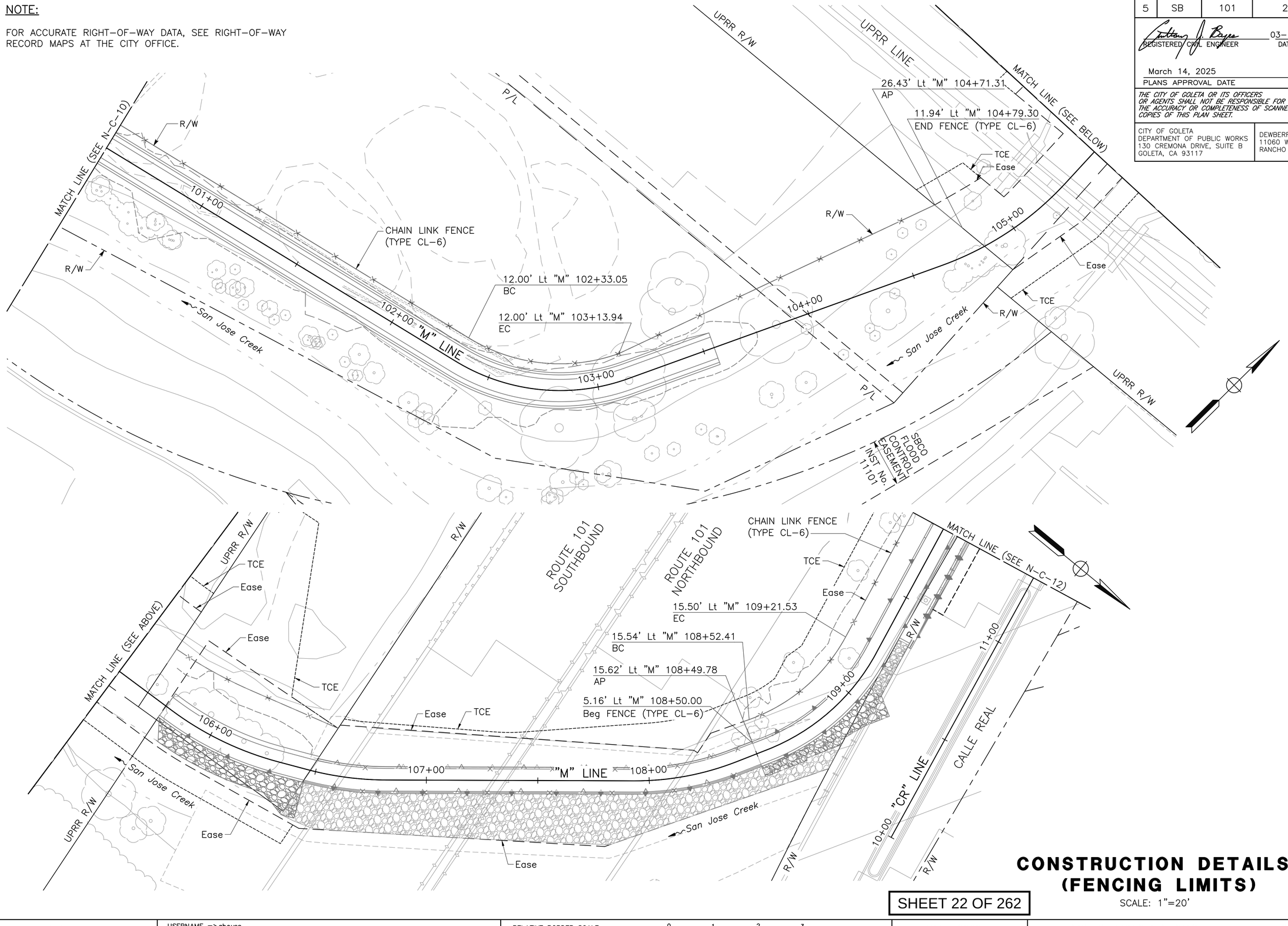
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (FENCING LIMITS)

SCALE: 1"=20'

N-C-11

SHEET 22 OF 262

CALCULATED-DESIGNED BY	A. BOYES
CHECKED BY	J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

REVISED BY	DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:56 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil Plans\NE-R-C10-C12.dwg, 3/26/2025 10:56 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes, DGN FILE => NE-R-C10-C12.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 99

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	22	80

REGISTERED CIVIL ENGINEER — DATE: 04-15-25

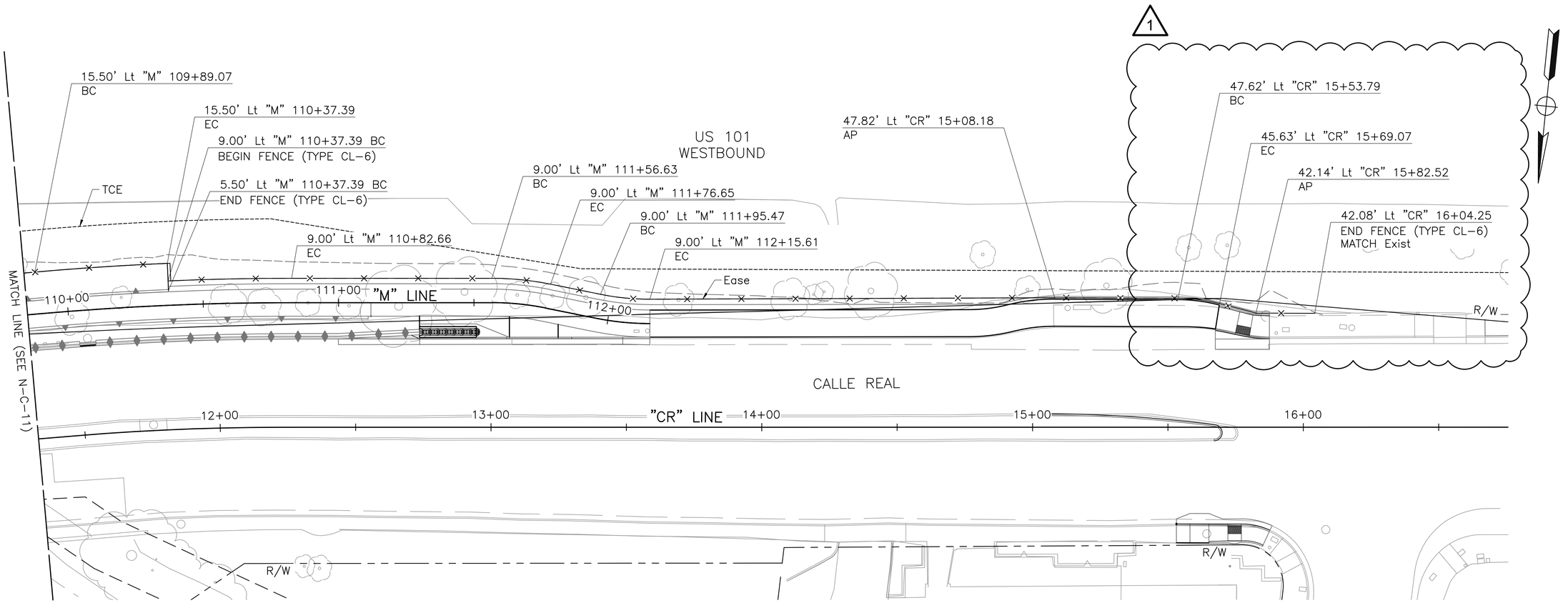
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS (FENCING LIMITS)

SCALE: 1"=20'

SHEET 23 OF 262

N-C-12

A. BOYES	J. SILVA	AB	4/15/25 ADDENDUM 1	
CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED	

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C10-C12.dwg, 4/23/2025 3:10 PM

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:10 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-C10-C12.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	23	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTE:

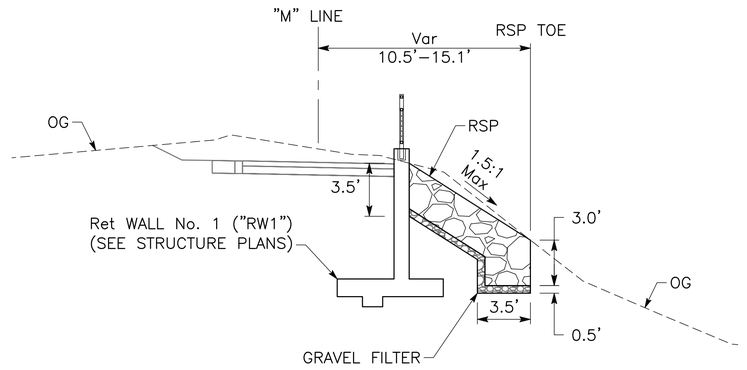
FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

LEGEND:

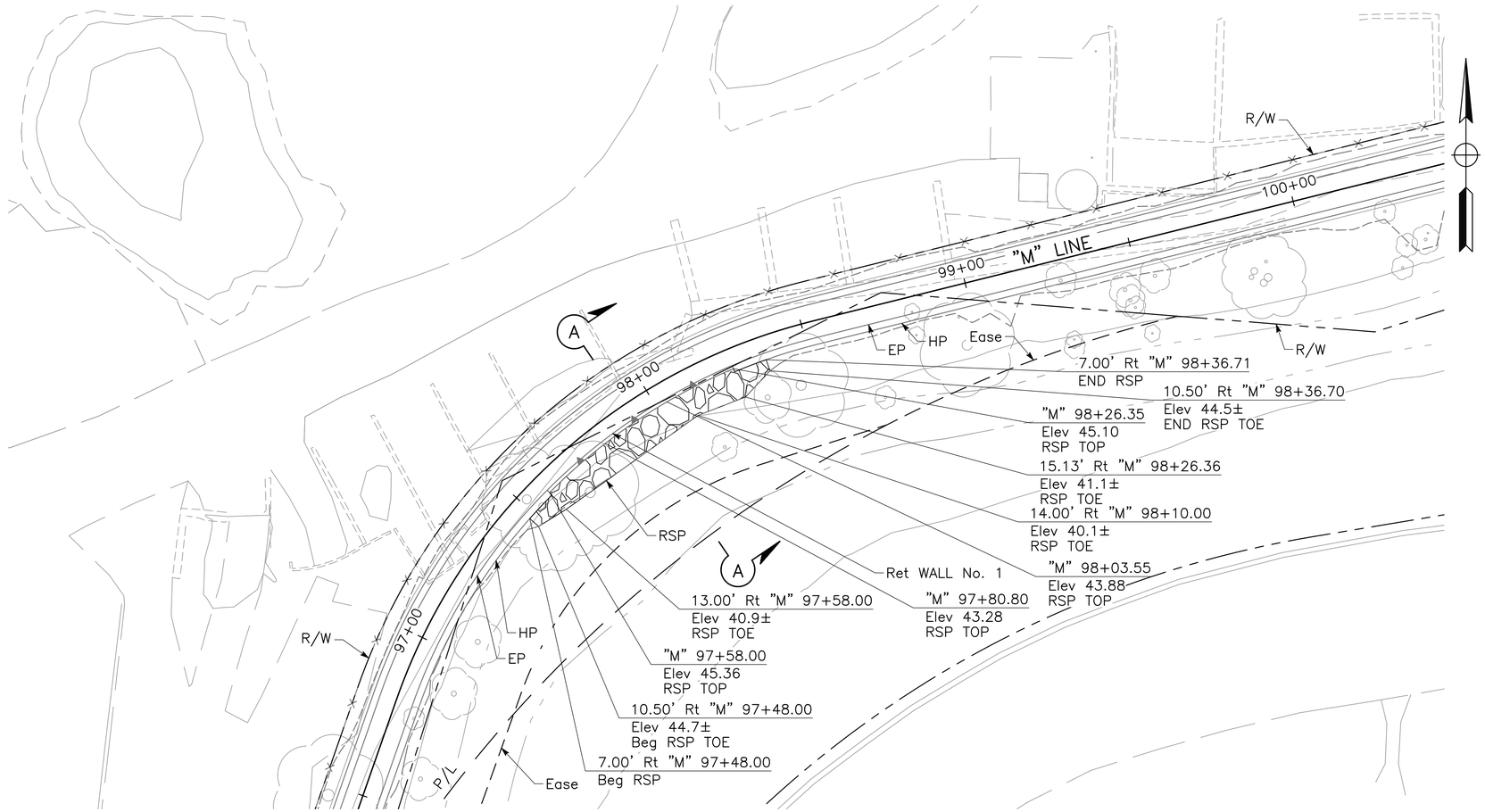
RSP (1/2T, CLASS VII, METHOD A)

CONCRETED RSP (60 LB, CLASS II, METHOD B)

Exist CALTRANS RSP



SECTION A-A
NO SCALE



RSP DETAIL 1
SCALE: 1"=20'

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-13

SHEET 24 OF 262

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C13-C14.dwg, 3/26/2025 10:57 AM

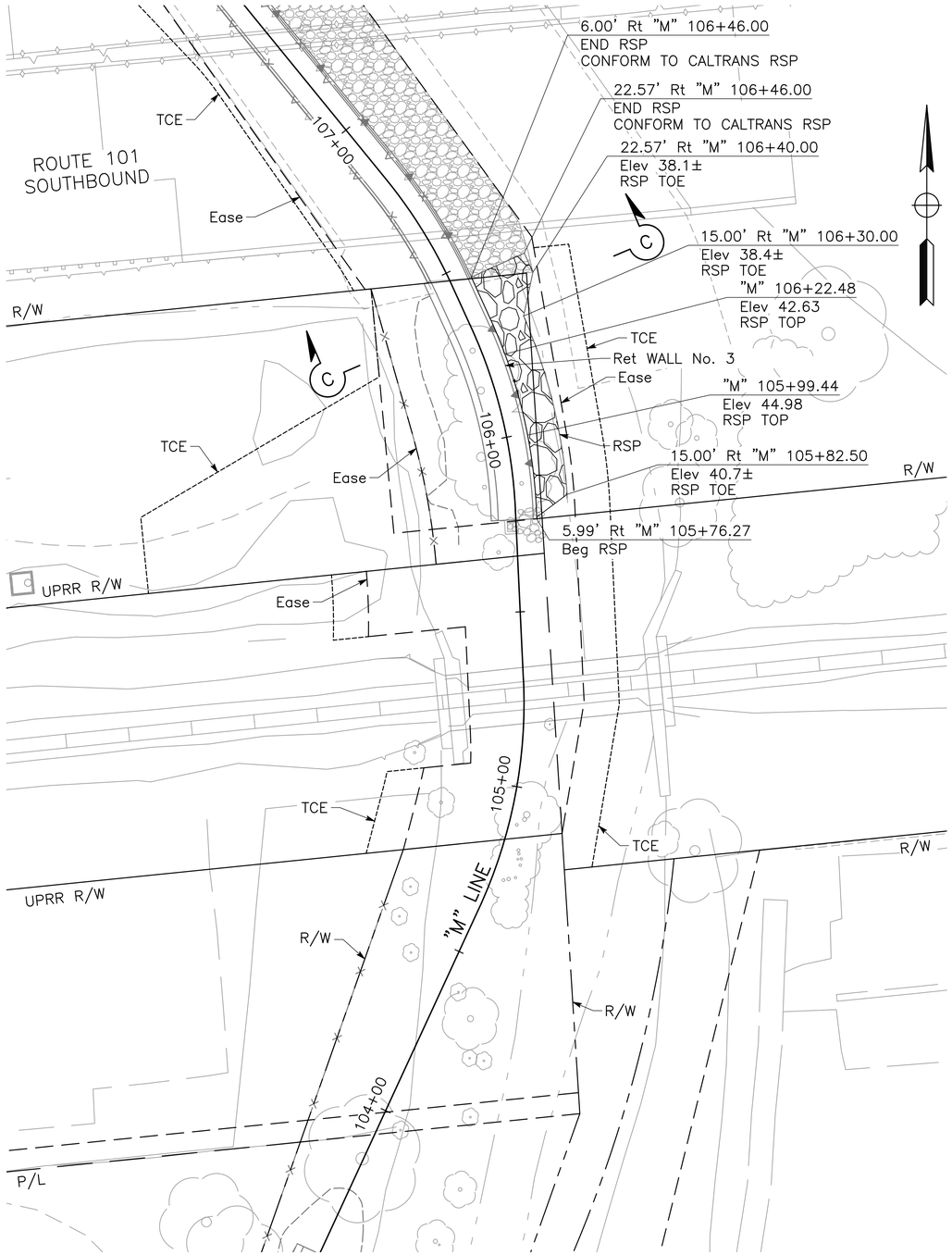
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	A. BOYES	J. SILVA		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:57 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-C13-C14.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

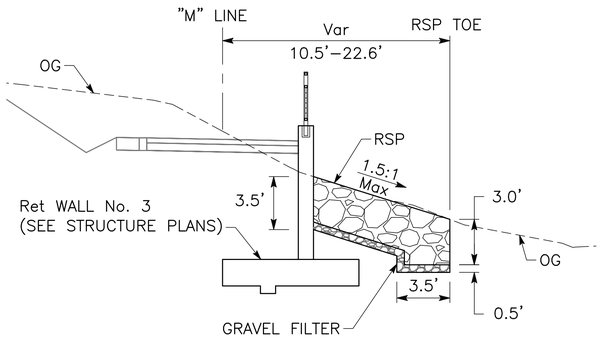
NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.



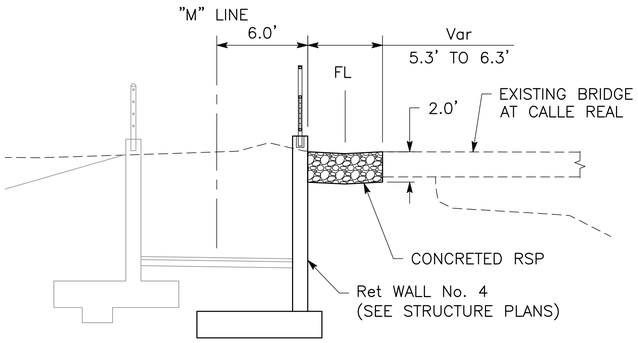
RSP DETAIL 2

SCALE: 1"=20'



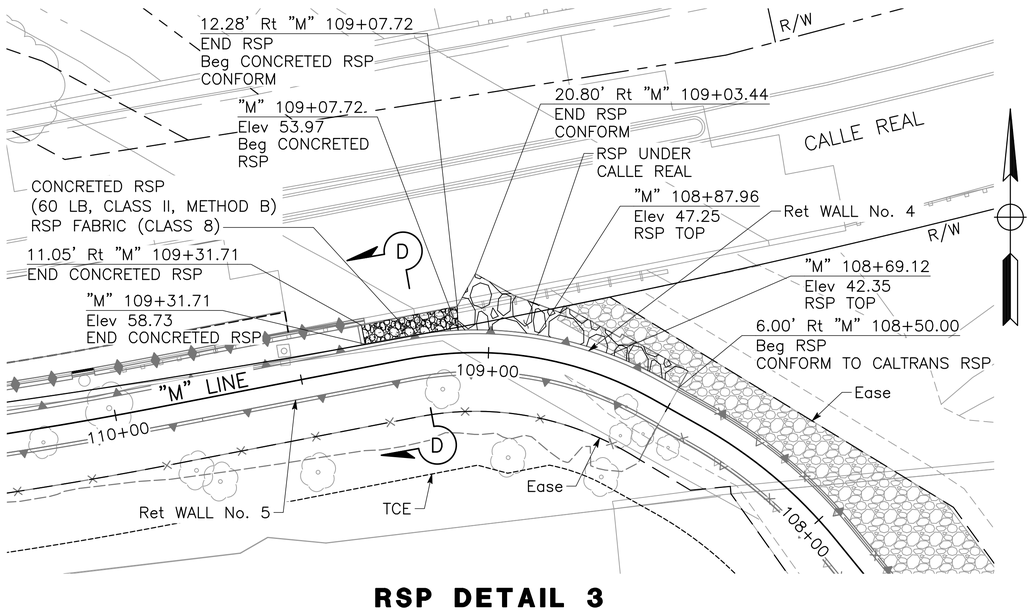
SECTION C-C

NO SCALE



SECTION D-D

NO SCALE



RSP DETAIL 3

SCALE: 1"=20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	24	80

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-14

SHEET 25 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY
CHECKED BY
JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:57 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C13-C14.dwg, 3/26/2025 10:57 AM

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C13-C14.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
102

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	25	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

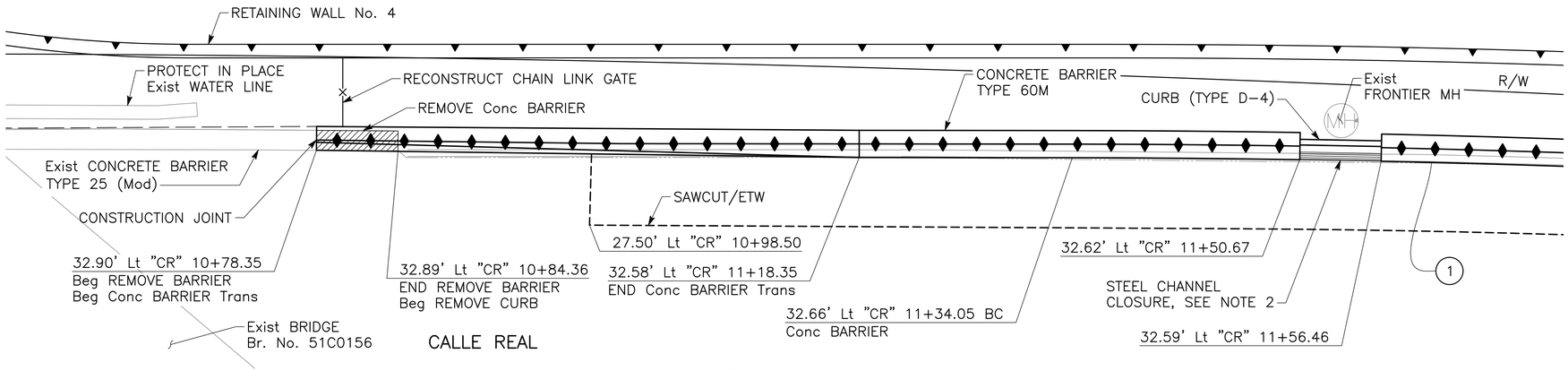
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

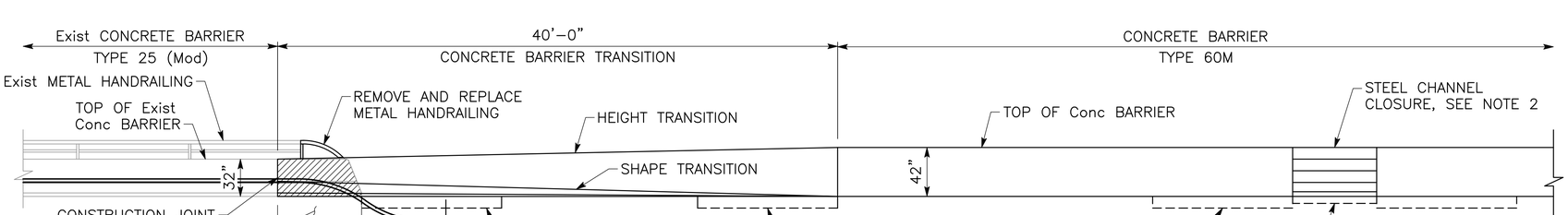
NOTES:

1. SEE CALTRANS STANDARD PLAN A76AB AND A76AC FOR CONCRETE BARRIER TYPE 60M DETAILS.
2. SEE N-C-17 FOR STEEL CHANNEL CLOSURE DETAILS.
3. BARRIER TO MATCH Exist EDGE OF PAVEMENT ELEVATIONS.



PLAN

CURVE DATA				
No.	R	Δ	T	L
1	1100'	4°56'09"	47.41'	94.76'



ELEVATION

TYPE 25 (Mod) TO TYPE 60M CONCRETE BARRIER TRANSITION DETAIL

SCALE: 1"-5'

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-15

SHEET 26 OF 262

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C15-C17.dwg, 3/26/2025 10:57 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:57 am

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C15-C17.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	26	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

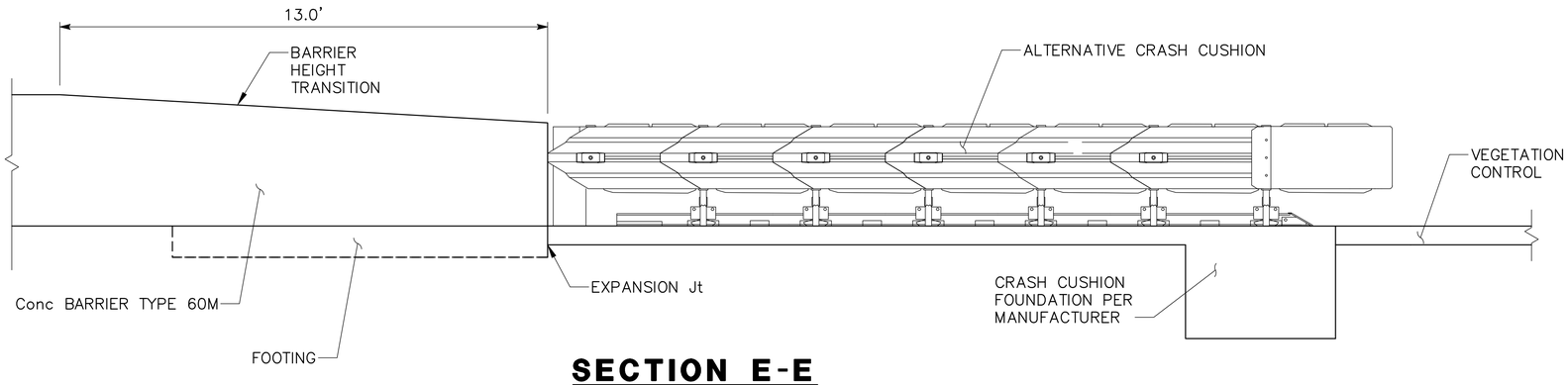
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

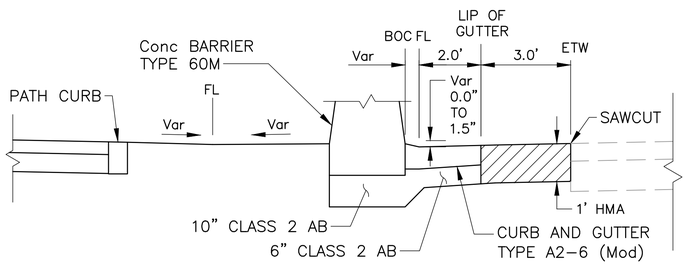
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



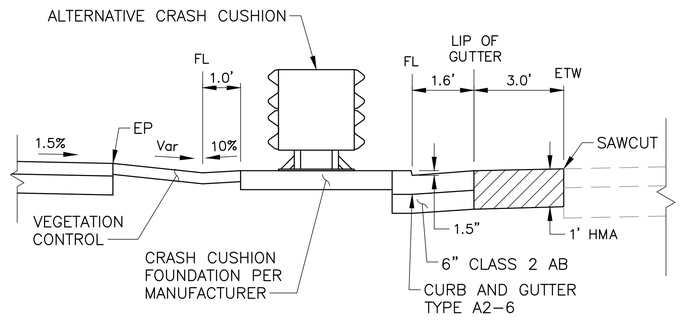
SECTION E-E
NO SCALE

NOTES:

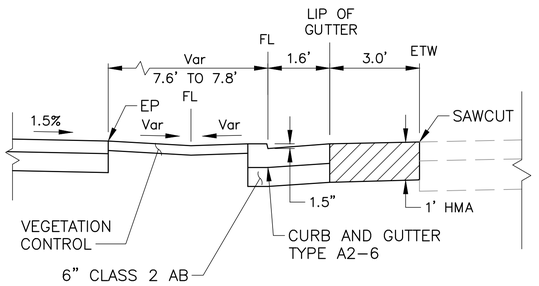
1. SEE CALTRANS STANDARD PLAN A76H FOR CONCRETE BARRIER TRANSITION TO CRASH CUSHION.
2. SEE SHEET N-C-20 FOR METAL GATE DETAILS.



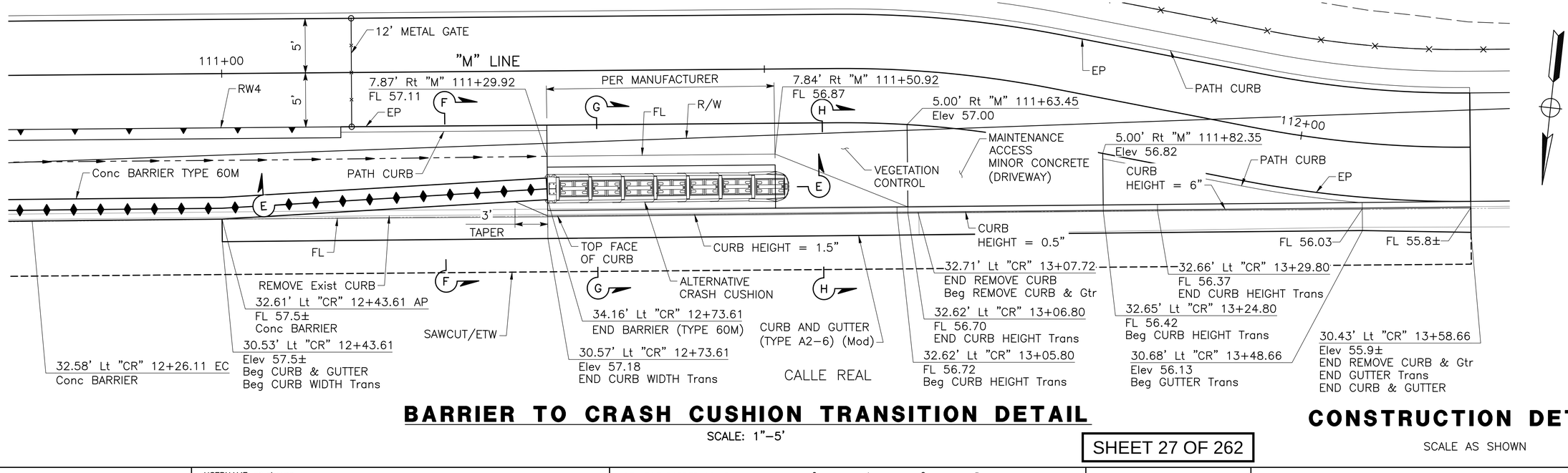
SECTION F-F
NO SCALE



SECTION G-G
NO SCALE



SECTION H-H
NO SCALE



BARRIER TO CRASH CUSHION TRANSITION DETAIL
SCALE: 1"=5'

CONSTRUCTION DETAILS
SCALE AS SHOWN

N-C-16

SHEET 27 OF 262

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C15-C17.dwg, 3/26/2025 10:58 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C15-C17.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	27	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

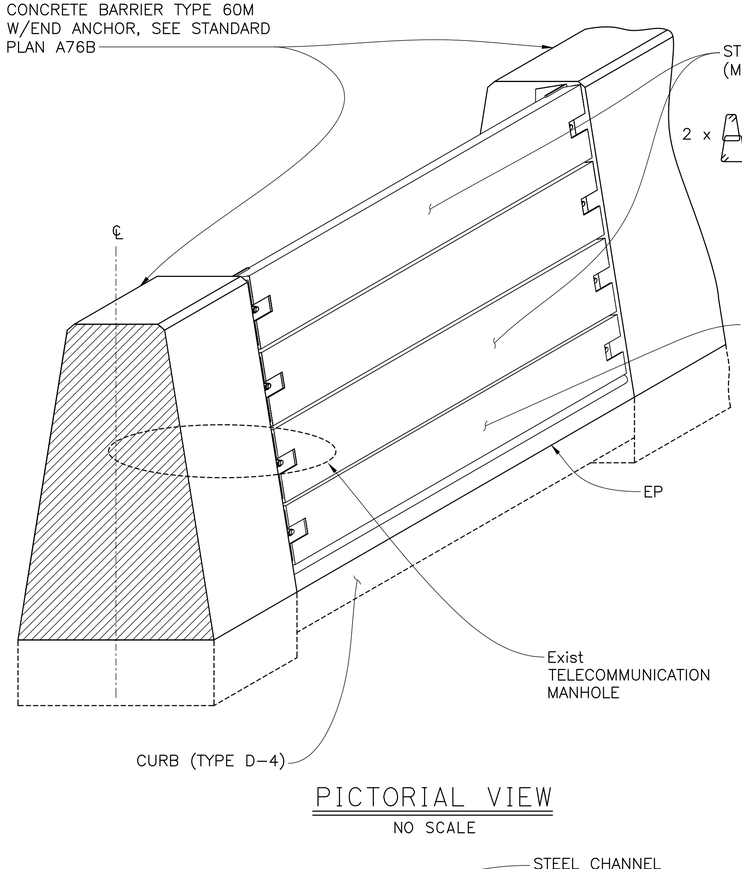
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

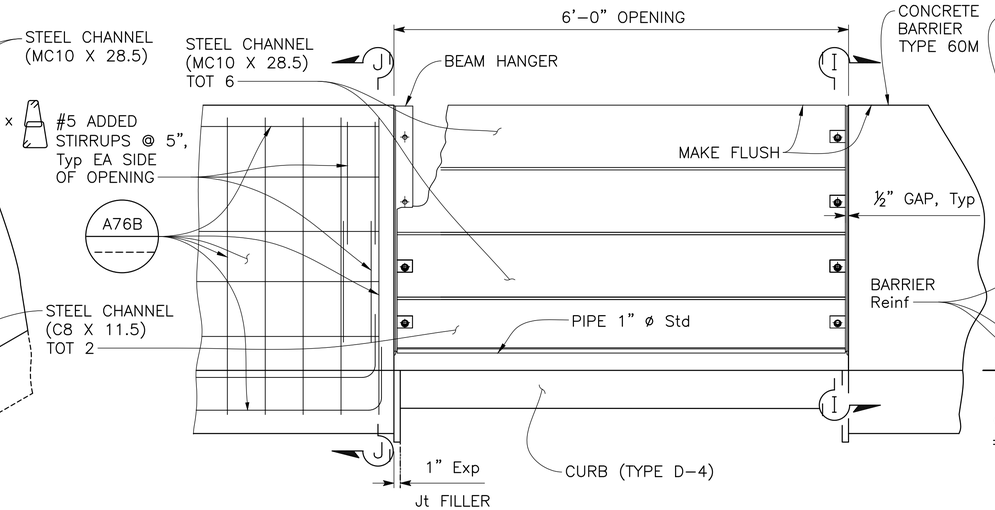
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

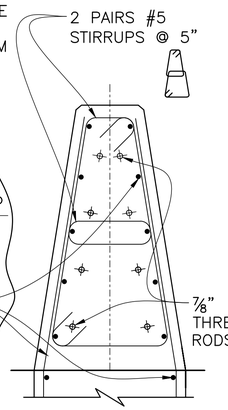
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PICTORIAL VIEW
NO SCALE



ELEVATION
1" = 1'-0"



SECTION J-J
1" = 1'-0"

NOTES:

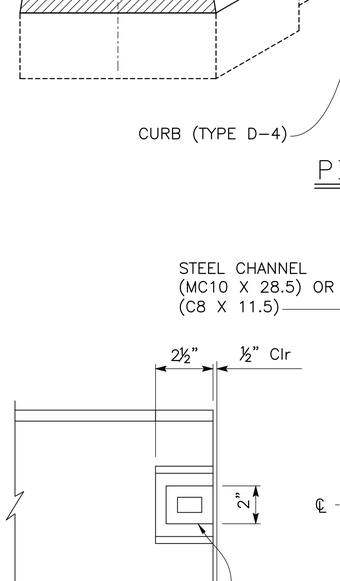
1. For details not shown see Standard Plan A76A and A76B
2. All steel channels, plates, and hardware to be galvanized.

GENERAL NOTED
LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications, 8th Edition 2017 with California Amendments April 2019

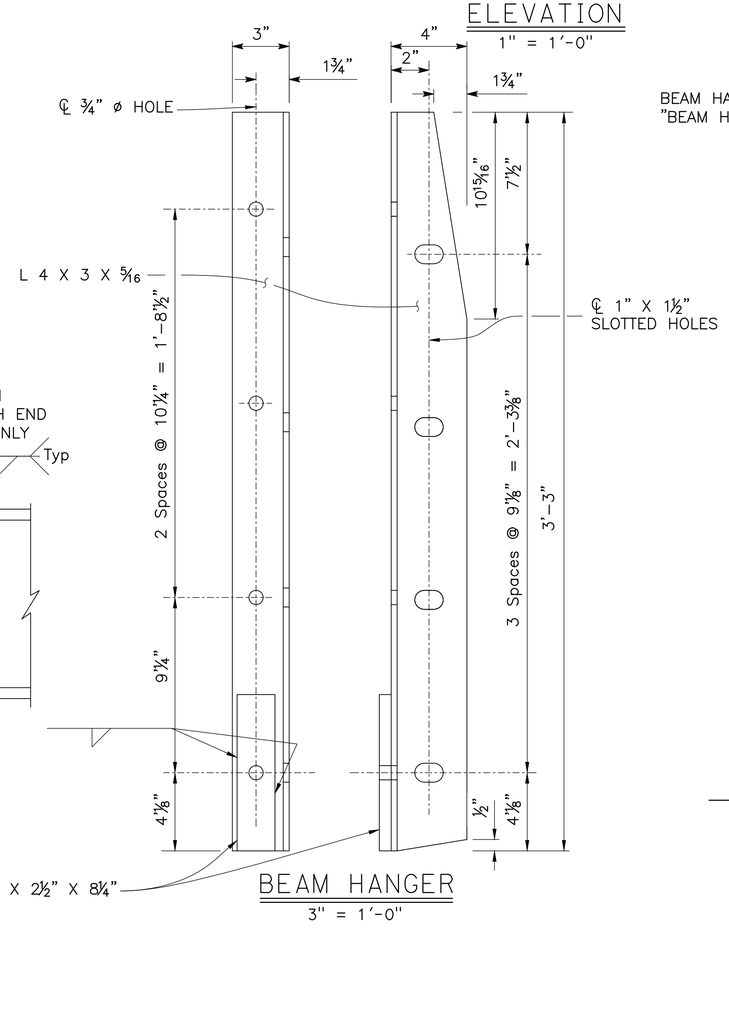
CONCRETE:
f_y = 50ksi f'_c = 2.5 ksi

STRUCTURAL STEEL:
f_y = 50ksi

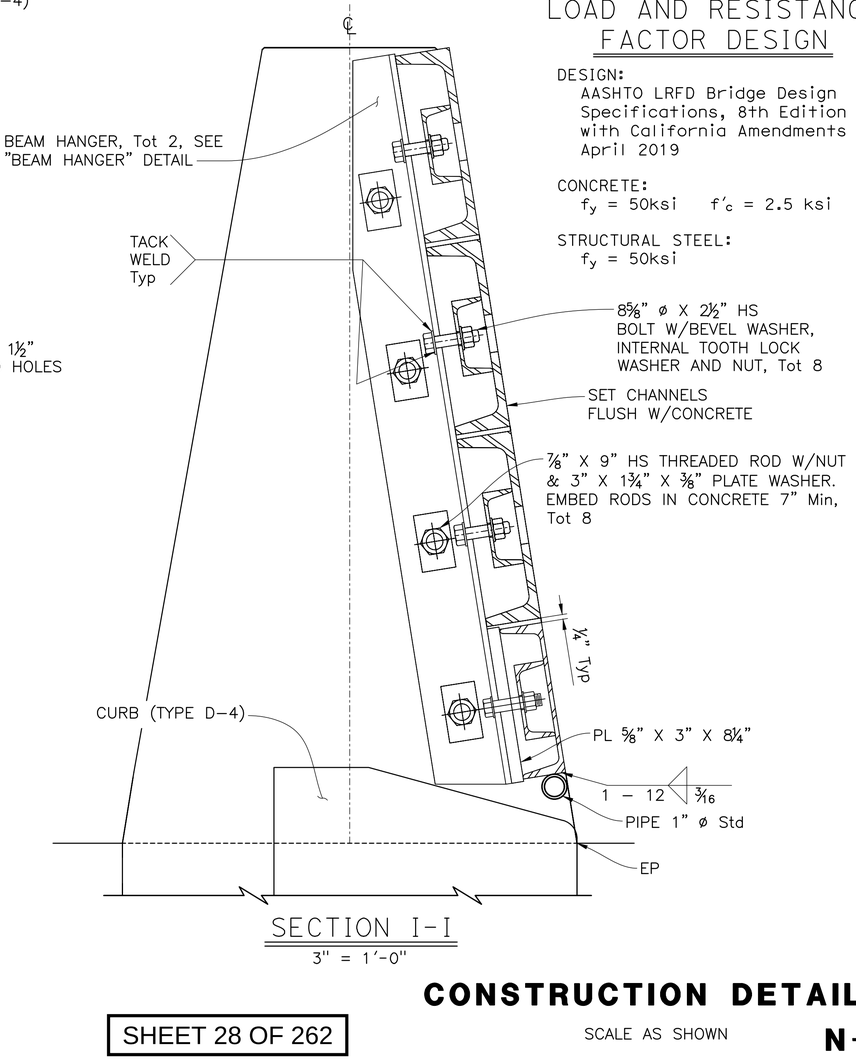


OUTER VIEW SECTION INNER VIEW

SLOT DETAIL
3" = 1'-0"



BEAM HANGER
3" = 1'-0"



SECTION I-I
3" = 1'-0"

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-17

SHEET 28 OF 262

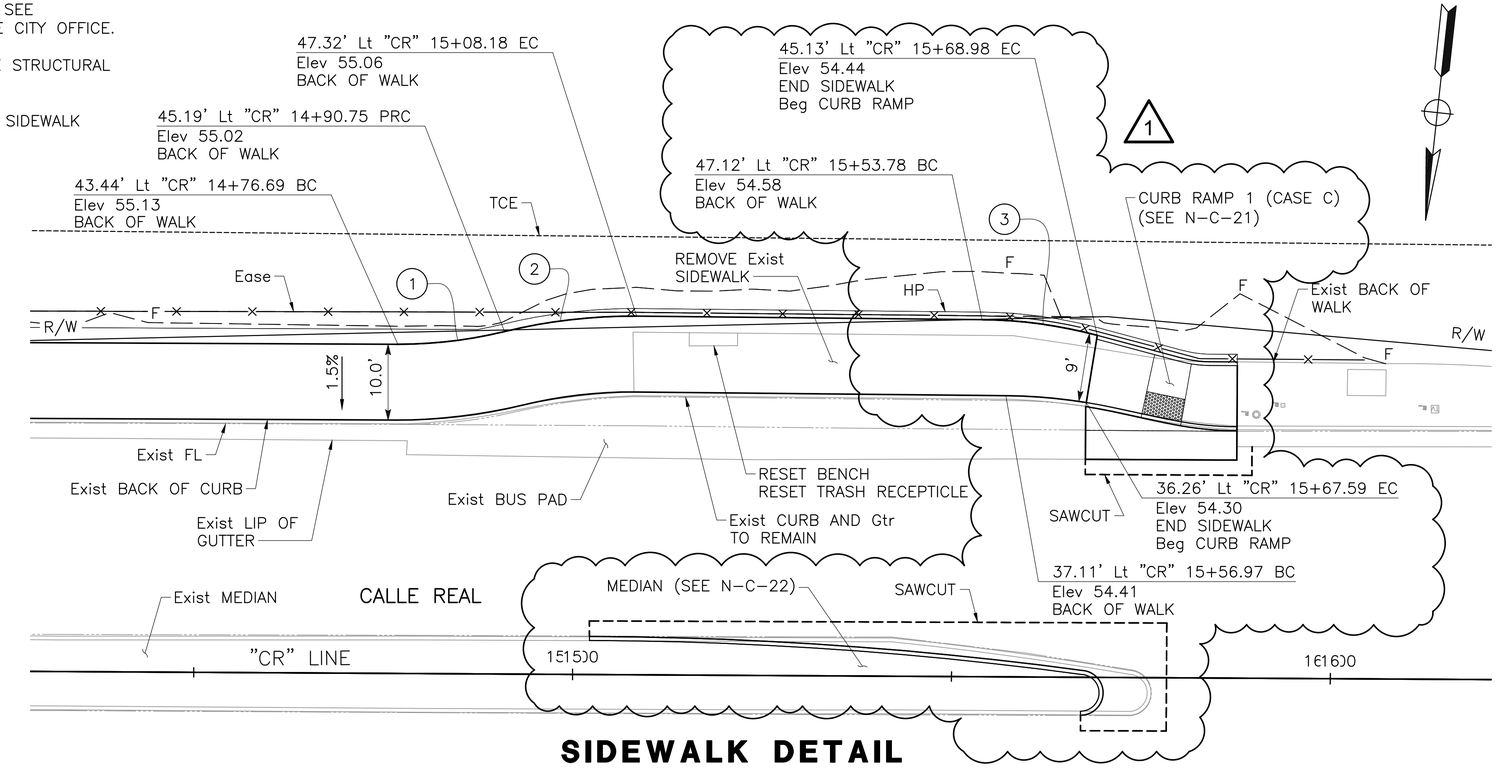
\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C15-C17.dwg, 3/26/2025 10:58 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED
LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C15-C17.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
105

NOTES:

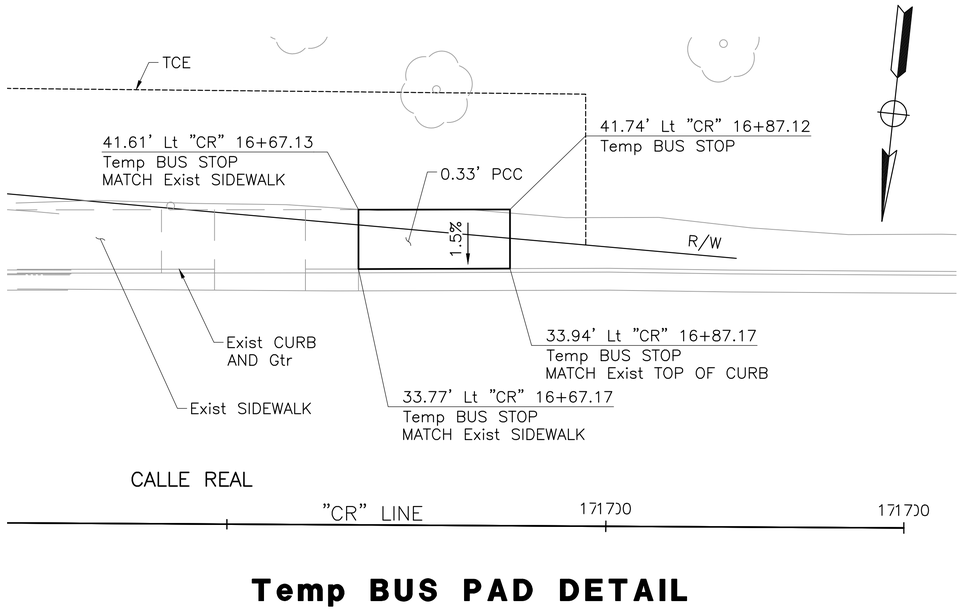
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE TYPICAL SECTIONS FOR SIDEWALK STRUCTURAL SECTION INFORMATION.
3. SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATION.



SIDEWALK DETAIL

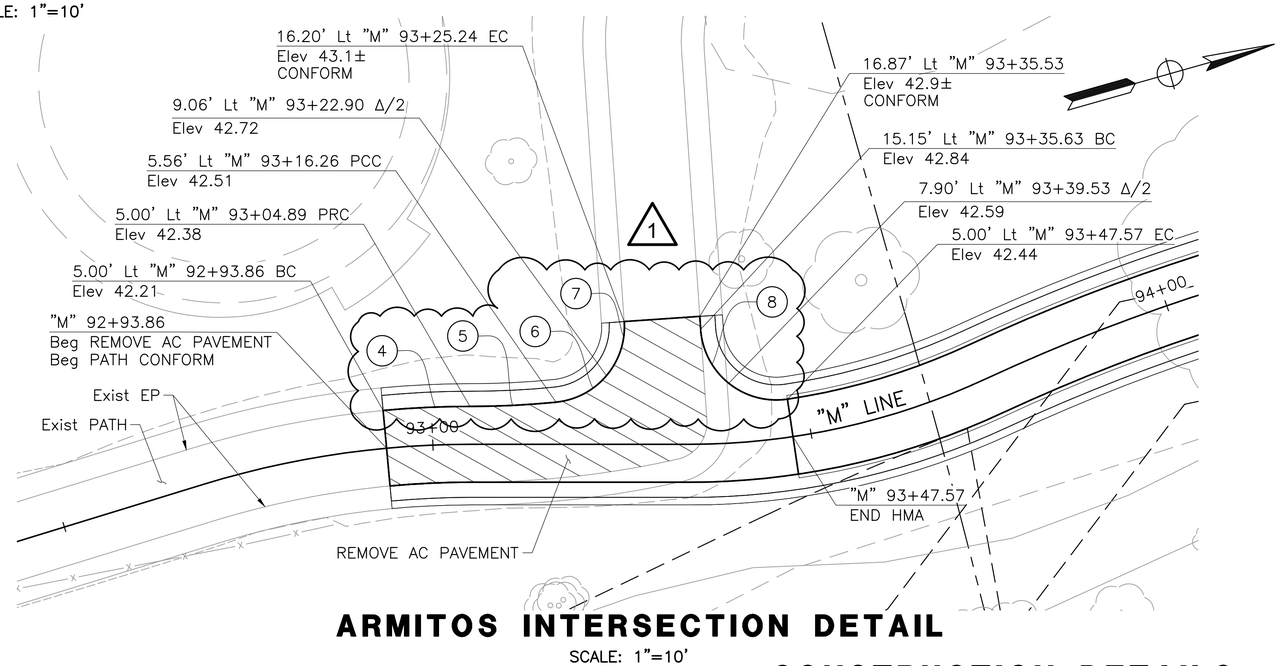
SCALE: 1"=10'

CURVE DATA				
No.	R	Δ	T	L
1	59'	13°58'36"	7.23'	14.39'
2	71'	14°11'25"	8.84'	17.58'
3	61'	14°27'14"	7.73'	15.37'
4	125'	5°15'59"	5.75'	11.49'
5	115'	5°40'19"	5.70'	11.38'
6	10'	88°13'00"	9.69'	15.40'
7	10'	88°13'00"	9.69'	15.40'
8	10'	94°33'17"	10.83'	16.50'



Temp BUS PAD DETAIL

SCALE: 1"=10'



ARMITOS INTERSECTION DETAIL

SCALE: 1"=10'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	28	80

Anthony J. Boyes — 04-15-25
REGISTERED CIVIL ENGINEER — DATE

ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C18-C20.dwg, 4/23/2025 3:00 PM

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:00 pm

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-18

SHEET 29 OF 262

106

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C18-C20.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	29	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

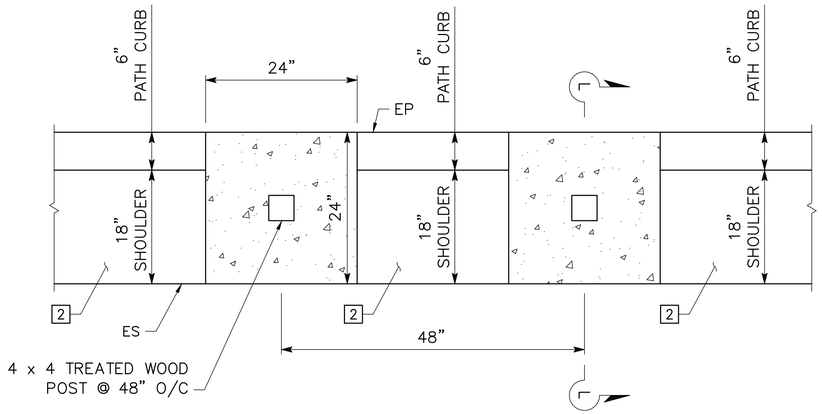
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

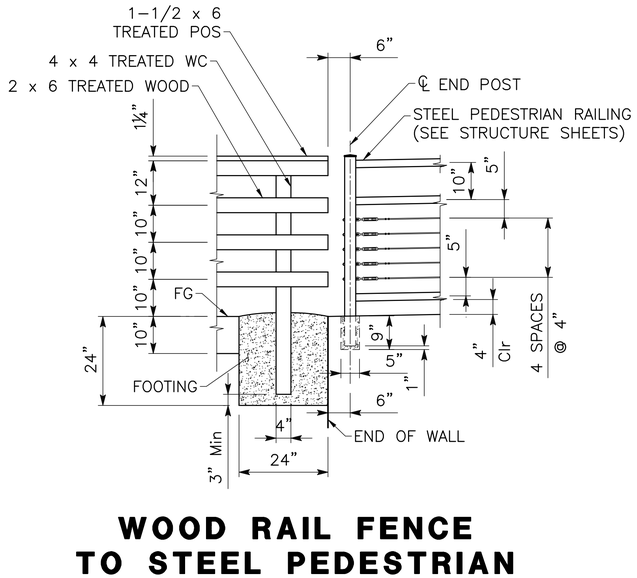
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

LEGEND:

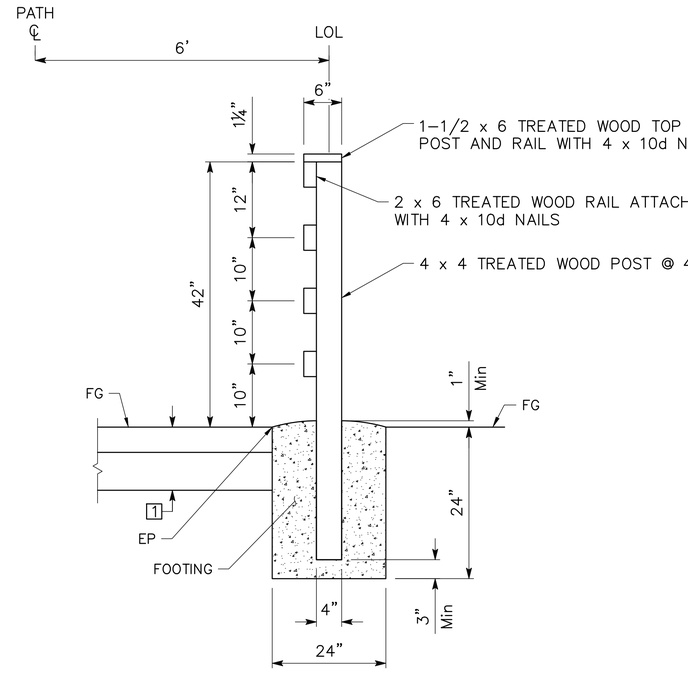
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SEE SHEET (N-X-1)



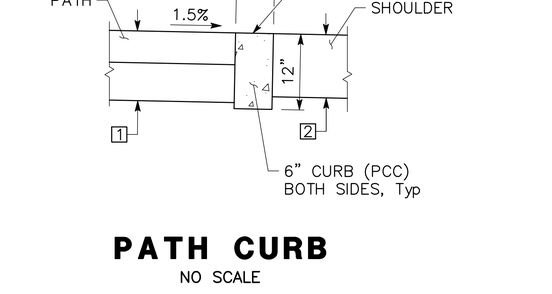
WOOD RAIL FENCE
NO SCALE



WOOD RAIL FENCE TO STEEL PEDESTRIAN RAILING TRANSITION
NO SCALE



SECTION L-L
NO SCALE



PATH CURB
NO SCALE

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-19

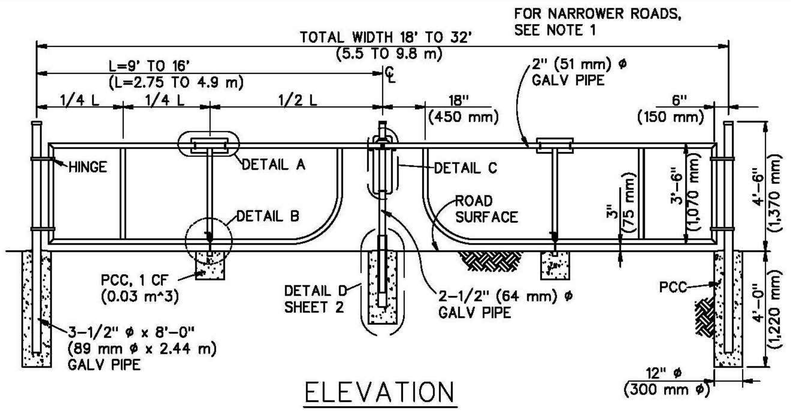
SHEET 30 OF 262

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	A. BOYES	J. SILVA		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

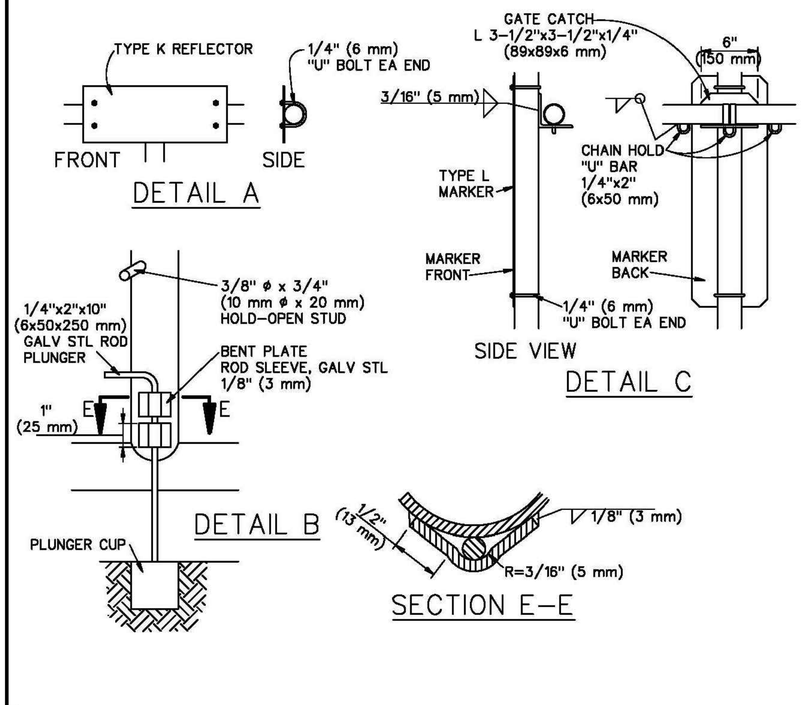
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BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C18-C20.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229



ELEVATION

DETAIL A



DETAIL C

DETAIL B

SECTION E-E

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1993 REV. 1998, 2005, 2009, 2021

STANDARD PIPE GATE FOR ACCESS ROADS

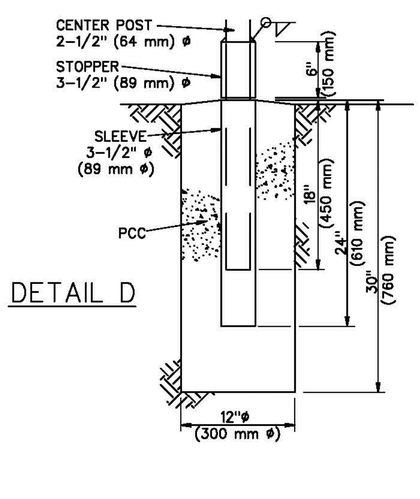
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN **602-4** SHEET 1 OF 2

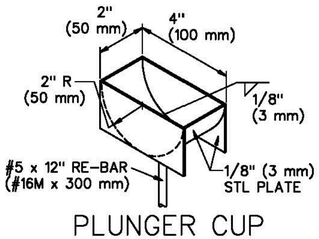
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NOTES:

1. FOR ROADWAYS 16'-0" (4.8 m) WIDE OR LESS, USE A SINGLE GATE. PLACE THE ANGLE CATCH ON A PERMANENT END POST.
2. PIPE SHALL BE STANDARD WEIGHT, PER AISC STANDARDS.
3. CUT THE PIPE TO PROVIDE A CLOSE FIT OF THE JOINTS.
4. USE 100% PENETRATION WELDS FOR PIPE CONNECTIONS.
5. PAINT GATE WITH ONE COAT OF ALUMINUM PAINT AFTER FABRICATION.
6. GATE HINGES SHALL BE HEAVY DUTY, MALLEABLE IRON OR STEEL, INDUSTRIAL SERVICE TYPE, WITH 270° SWING.
7. TYPE K AND TYPE L MARKERS SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA MUTCD. THE REFLECTORS SHALL BE FILM-TYPE.
8. SECURE NUTS AT U BOLT ENDS FROM REMOVAL BY WELDING OR PEENING AFTER INSTALLING MARKERS.



DETAIL D



PLUNGER CUP ISOMETRIC

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PIPE GATE FOR ACCESS ROADS

STANDARD PLAN **602-4** SHEET 2 OF 2

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	30	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C18-C20.dwg, 3/26/2025 10:59 AM

DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:59 am

LAST REVISION 03-14-25

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-20

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C18-C20.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

ADDED PER ADDENDUM No. 1 DATED APRIL 15, 2025

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	30A	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

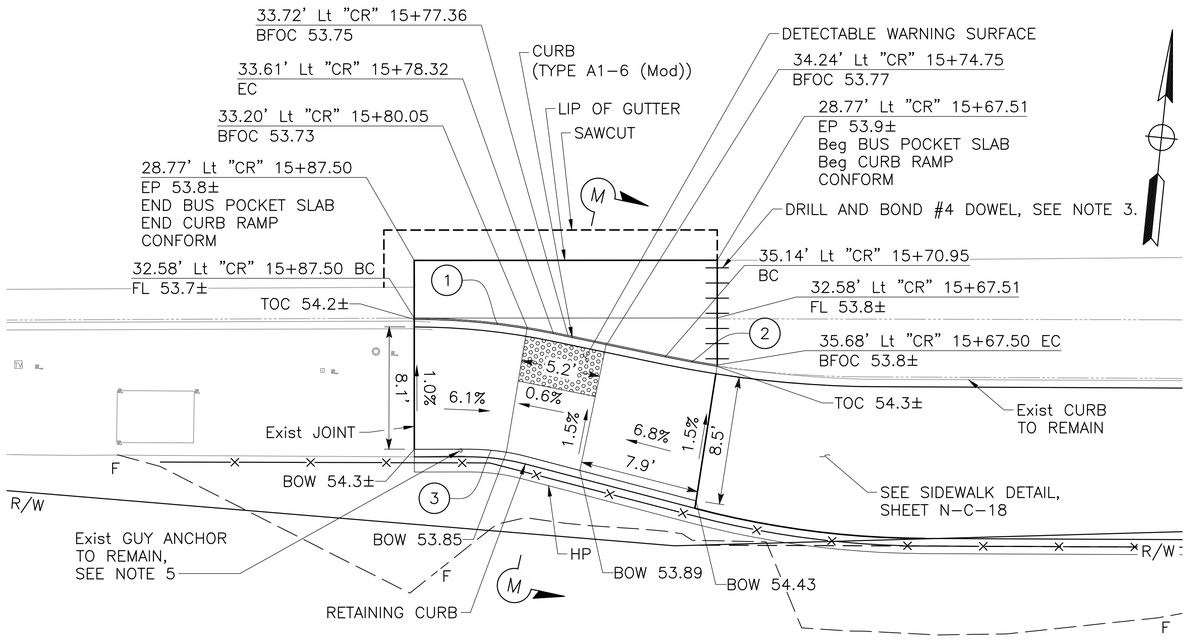
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

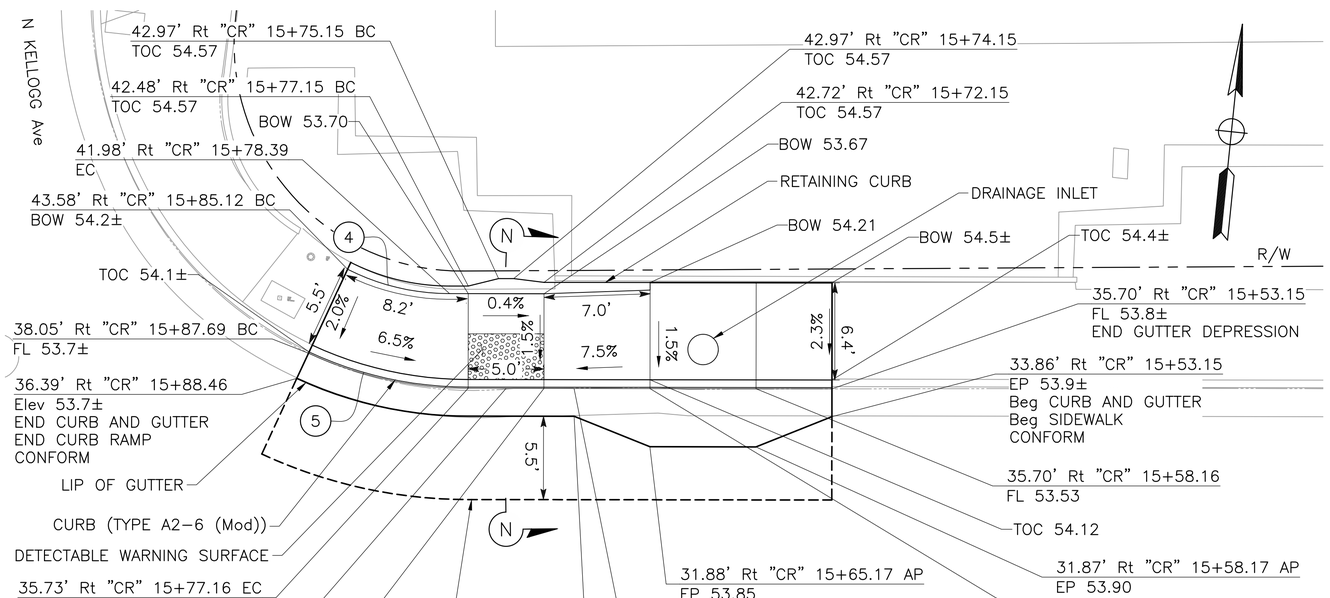
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CURB RAMP DETAIL 1

(CASE C)
SCALE: 1"=5'



CURB RAMP DETAIL 2

(CASE C)
SCALE: 1"=5'

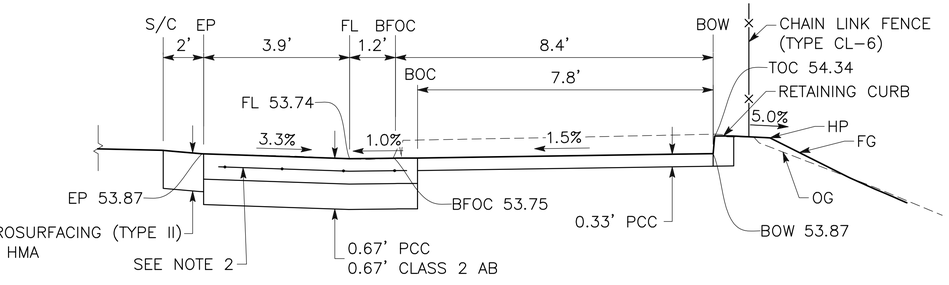
NOTES:

1. FOR DRAINAGE INLET DETAILS AND INFORMATION, SEE DRAINAGE PLAN.
2. FOR BUS POCKET SLAB DETAILS AND INFORMATION, SEE CITY OF SANTA BARBARA STANDARD DETAIL H-08.0. CURB POURED MONOLITHICALLY WITH BUS POCKET SLAB,
3. FOR DRILL AND BOND DETAIL, SEE CALTRANS STANDARD PLAN P10.
4. REPAIR/RELOCATE ANY EXISTING IRRIGATION FACILITIES IMPACTED BY CURB RAMP CONSTRUCTION.
5. FORM RETAINING CURB WITH EXISTING GUY ANCHOR GOING BEHIND OR THROUGH TOP OF RETAINING CURB.
6. SEE PLAN AND PROFILE SHEETS FOR REMOVAL LIMITS.
7. SEE ELECTRICAL PLANS FOR PEDESTRIAN PUSH BUTTON INFORMATION.
8. CURB TYPE A1-6 MODIFIED TO HAVE 1" BATTER PER COUNTY OF SANTA BARBARA STANDARD 4-030.
9. LIMITS OF CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD TO MATCH EXISTING JOINTS. ANY ADJUSTMENTS MUST MEET ADA COMPLIANCE AND BE APPROVED BY THE ENGINEER.
10. SEE N-C-22 FOR RETAINING CURB DETAIL.

ABBREVIATION:

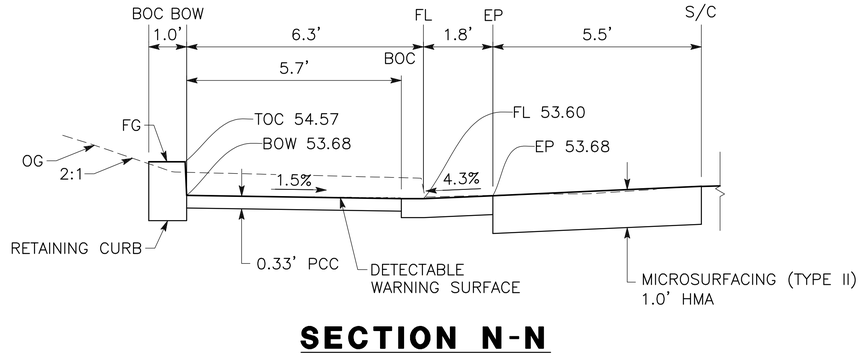
BFOC = BOTTOM FACE OF CURB

CURVE DATA				
No.	R	Δ	T	L
1	45'	11°47'45"	4.64'	9.25'
2	70'	2°51'03"	1.74'	3.49'
3	15'	14°40'53"	1.93'	3.84'
4	15'	26°40'29"	3.56'	6.98'
5	25'	24°49'17"	5.48'	10.79'



SECTION M-M

NO SCALE



SECTION N-N

NO SCALE

SHEET 31A OF 262

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-21

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:18 pm

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C21-C22.dwg, 4/23/2025 3:18 PM

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-C21-C22.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

ADDED PER ADDENDUM No. 1 DATED APRIL 15, 2025 △1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	30B	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

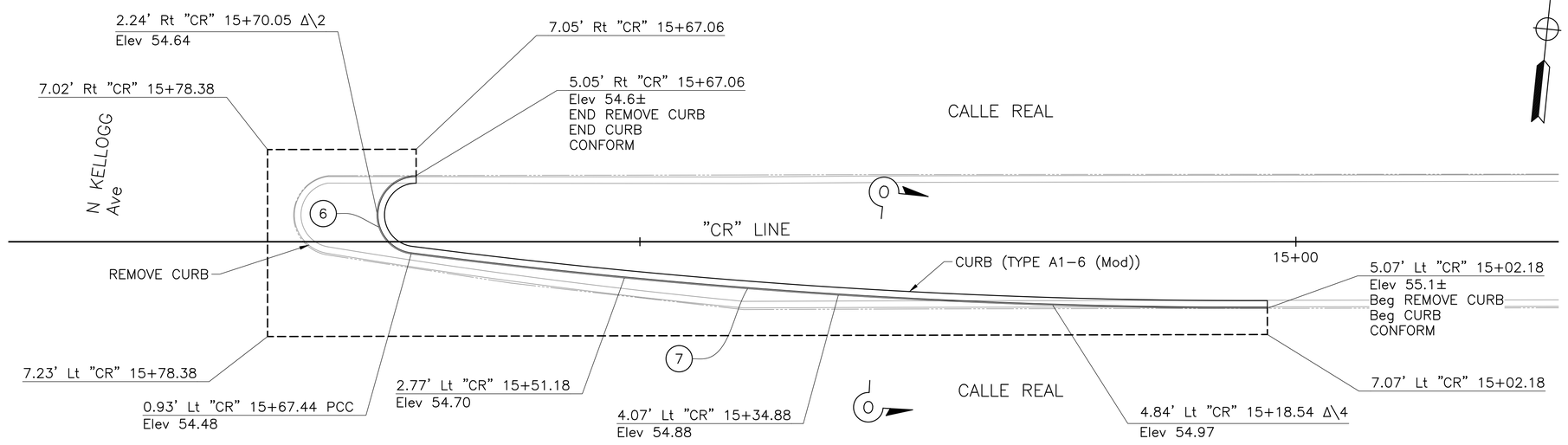
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



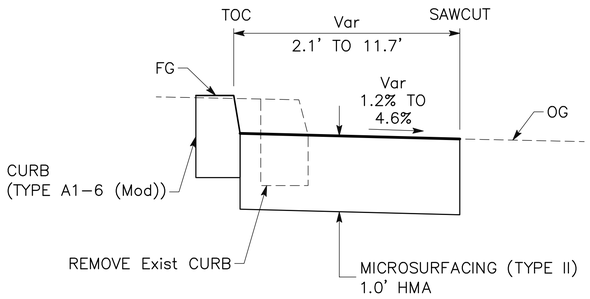
NOTES:

1. CURB TYPE A1-6 MODIFIED TO HAVE 1" BATTER PER COUNTY OF SANTA BARBARA STANDARD 4-030.
2. REPAIR/RELOCATE ANY EXISTING MEDIAN IRRIGATION FACILITIES IMPACTED BY MEDIAN CURB RECONSTRUCTION.
3. 12" DOWNSTREAM OF RCV
   18" UPSTREAM OF RCV △4

MEDIAN DETAIL

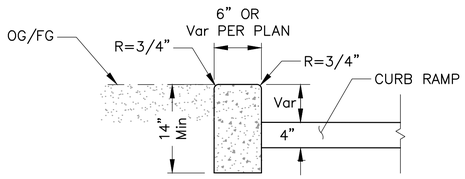
SCALE: 1"=5'

CURVE DATA				
No.	R	Δ	T	L
(6)	3'	172°31'25"	45.92'	9.03'
(7)	500'	7°29'54"	32.76'	65.44'



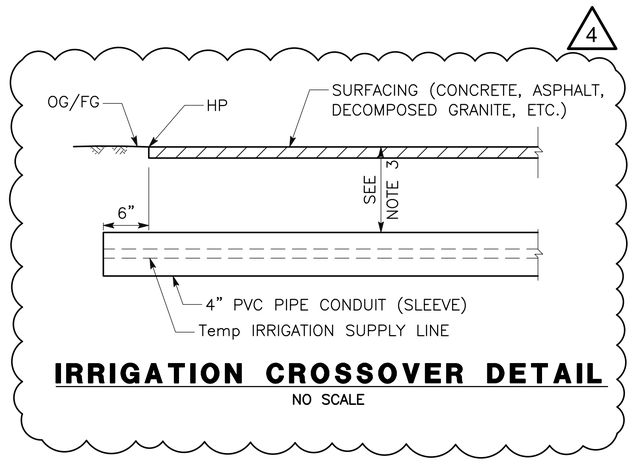
SECTION O-O

NO SCALE



RETAINING CURB DETAIL

NO SCALE



IRRIGATION CROSSOVER DETAIL

NO SCALE

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-22

AB	5/15/25 △ ADDENDUM 4		
AB	4/15/25 △1 ADDENDUM 1		
REVISED BY	DATE REVISED		
A. BOYES	J. SILVA		
CALCULATED-DESIGNED BY	CHECKED BY		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-C21-C22.dwg, 5/15/2025 3:39 PM

LAST REVISION 04-15-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 3:39 pm

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C21-C22.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	31	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

	MOVE-IN / MOVE-OUT (TEMPORARY EROSION CONTROL)	TEMPORARY CONCRETE WASHOUT	TEMPORARY CONSTRUCTION ENTRANCE (TYPE II)	TEMPORARY FIBER ROLL (TYPE II)	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	TEMPORARY GRAVEL BAG BERM	TEMPORARY DRAINAGE INLET PROTECTION
	EA	LS	EA	LF	SQYD	LF	EA
TOTAL	2	1	2	3700	4000	1460	2

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

SHEET 32 OF 262

N-WPCQ-1

CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
A. BOYES	J. SILVA	JOSE SILVA		

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-WPCQ.dwg, 3/26/2025 10:59 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:59 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-WPCQ.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	32	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

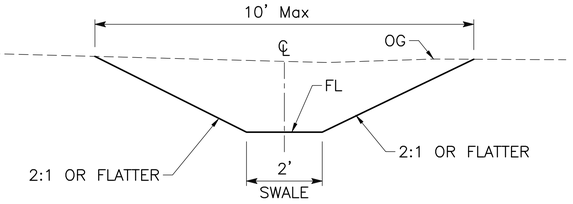
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

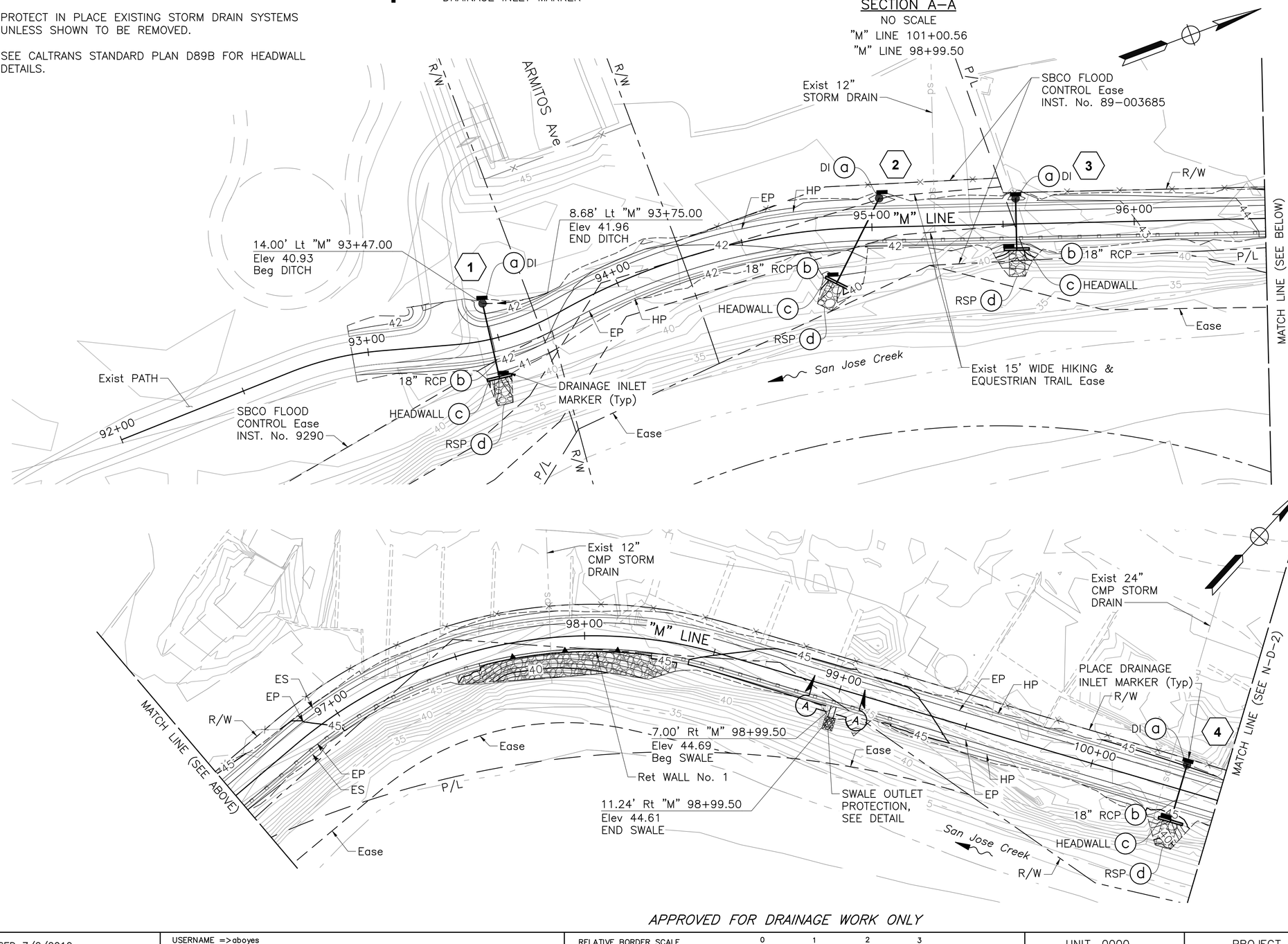
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE UTILITY PLAN FOR UTILITY INFORMATION. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. SEE DRAINAGE PROFILES FOR DRAINAGE ITEM STATION AND OFFSET.
4. PROTECT IN PLACE EXISTING STORM DRAIN SYSTEMS UNLESS SHOWN TO BE REMOVED.
5. SEE CALTRANS STANDARD PLAN D89B FOR HEADWALL DETAILS.

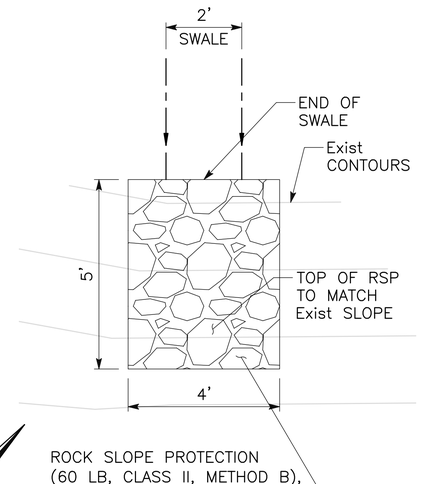
LEGEND:

- (No.) DRAINAGE SYSTEM NUMBER
- (xx) DRAINAGE ITEM
- FLOW LINE
- DRAINAGE INLET MARKER



SECTION A-A
NO SCALE





SWALE OUTLET PROTECTION DETAIL
NO SCALE

SHEET 33 OF 262

DRAINAGE PLAN
SCALE: 1"=20'

N-D-1

APPROVED FOR DRAINAGE WORK ONLY

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:31 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-D1-D3.dwg, 3/26/2025 11:31 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-D1-D3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 112

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE CALTRANS STANDARD PLAN D89B FOR HEADWALL DETAILS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	33	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

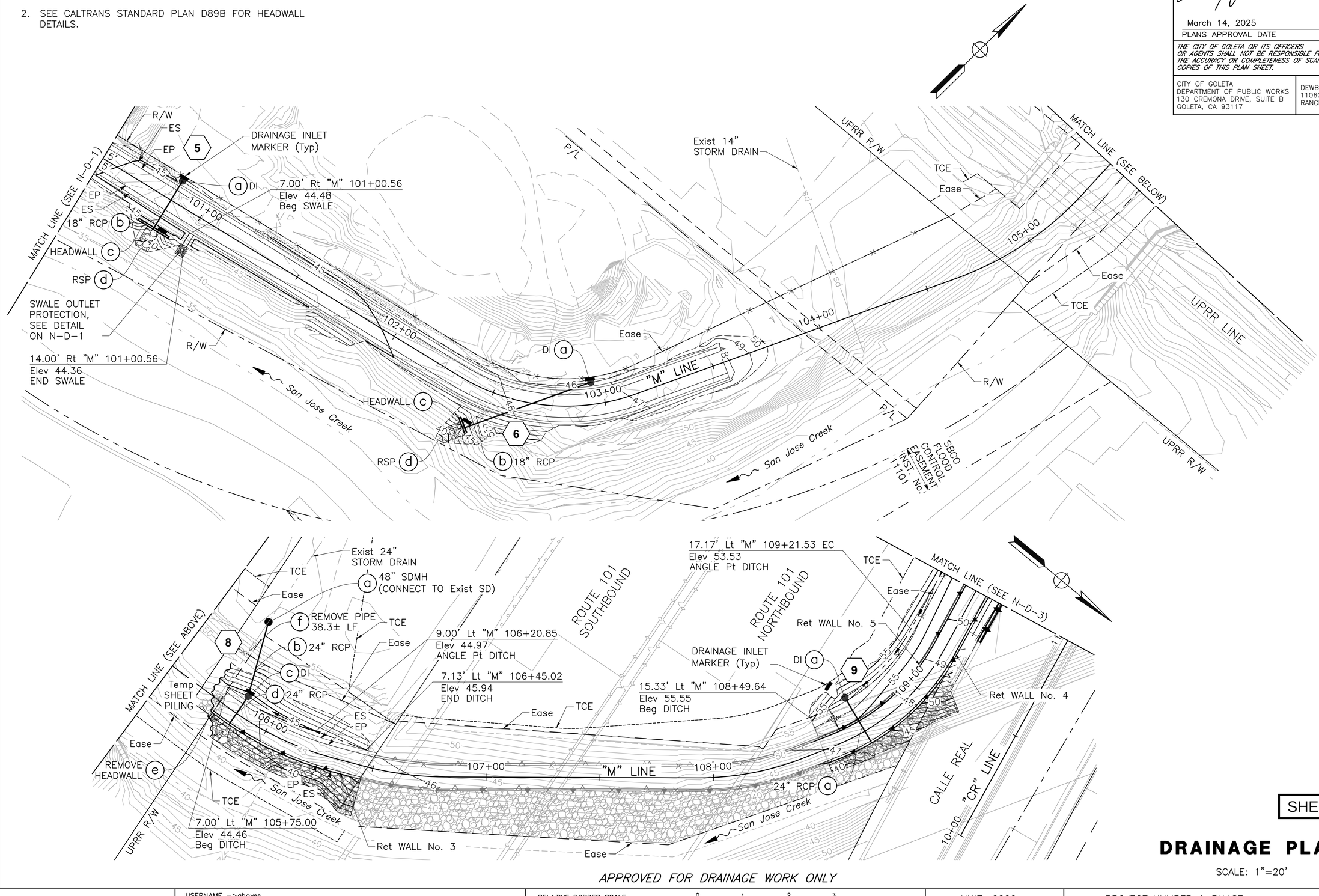
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

SHEET 34 OF 262

DRAINAGE PLAN

SCALE: 1"=20'

N-D-2

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	A. BOYES	J. SILVA		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:00 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-D1-D3.dwg, 3/26/2025 11:00 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-D1-D3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE SANTA BARBARA COUNTY ENGINEERING DESIGN STANDARD PLAN 3-020 FOR OPEN CURB DROP INLET DETAILS.
3. SEE SANTA BARBARA COUNTY ENGINEERING DESIGN STANDARD PLAN 3-115 FOR CONCRETE COLLAR FOR STORM DRAINS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	34	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

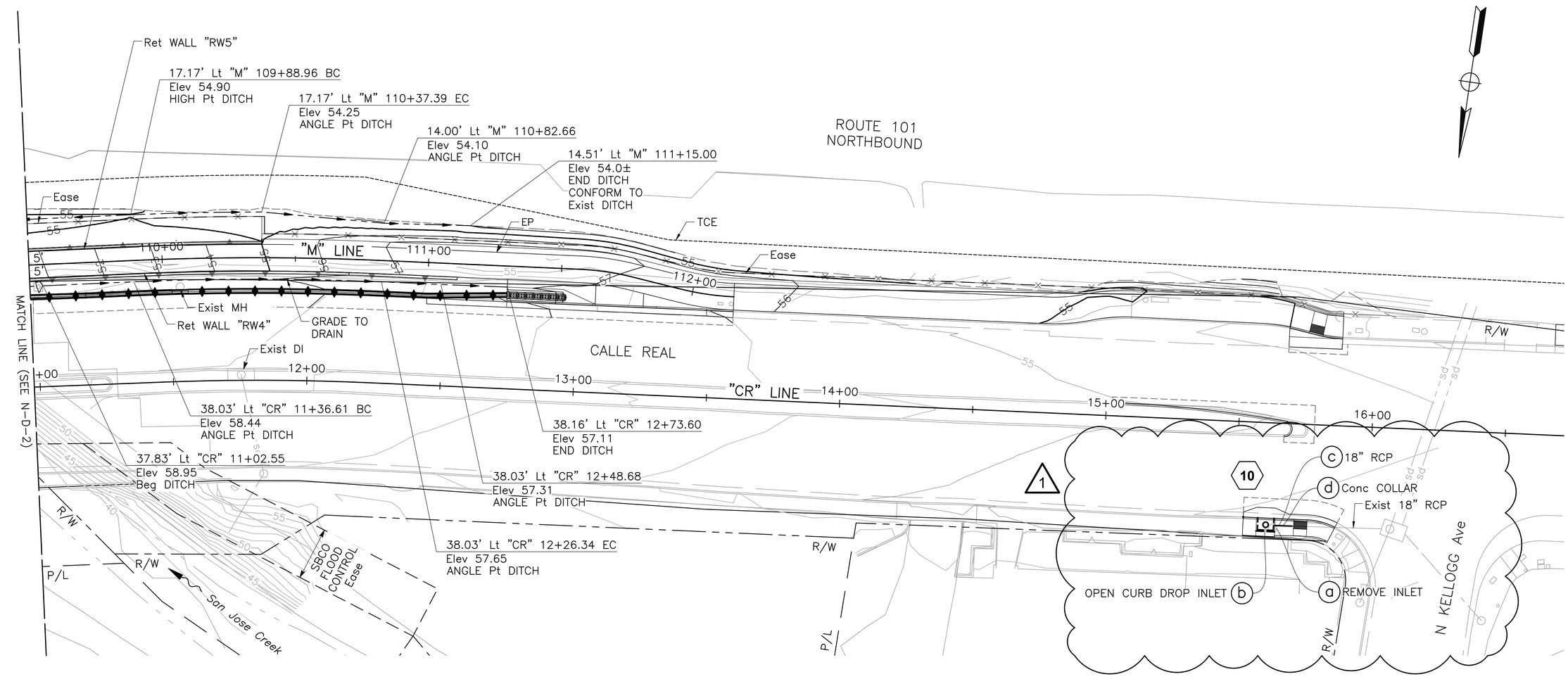
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

SHEET 35 OF 262

DRAINAGE PLAN

SCALE: 1"=20'

N-D-3

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:18 pm

	REVISED BY	DATE REVISED
1	AB	4/15/25 ADDENDUM 1

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
SUPERVISOR: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-D1-D3.dwg, 4/23/2025 3:18 PM

BORDER LAST REVISED 7/2/2010
USERNAME => lervin
DGN FILE => NE-R-D1-D3.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

REVISED BY	DATE REVISED

CALCULATED–DESIGNED BY	CHECKED BY
A. BOYES	J. SILVA

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	35	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

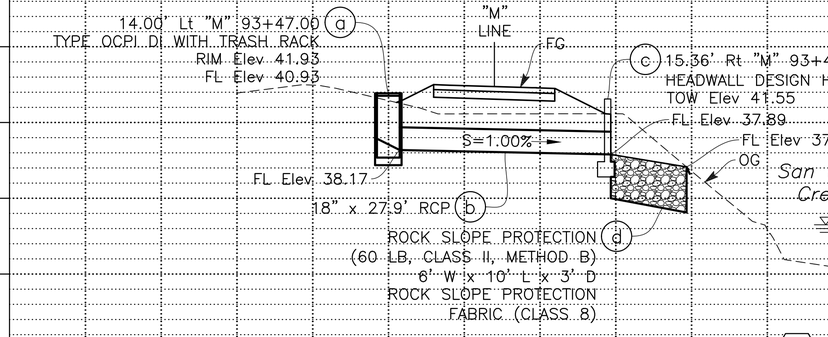
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

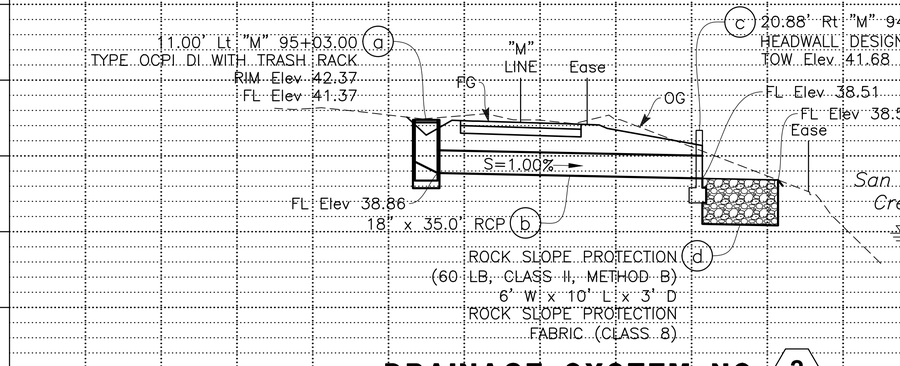
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

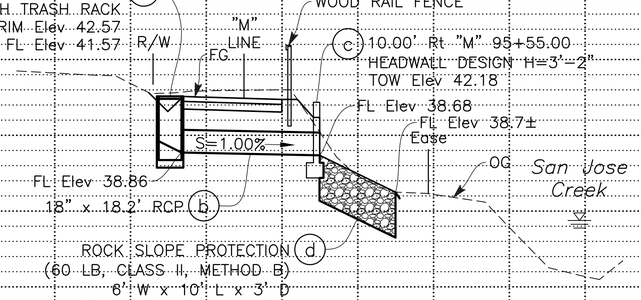
DRAINAGE SYSTEM NO. 1



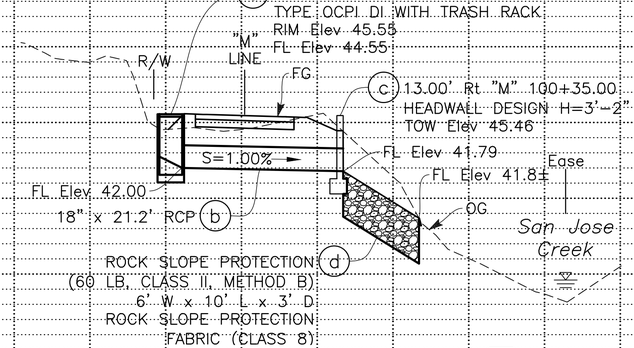
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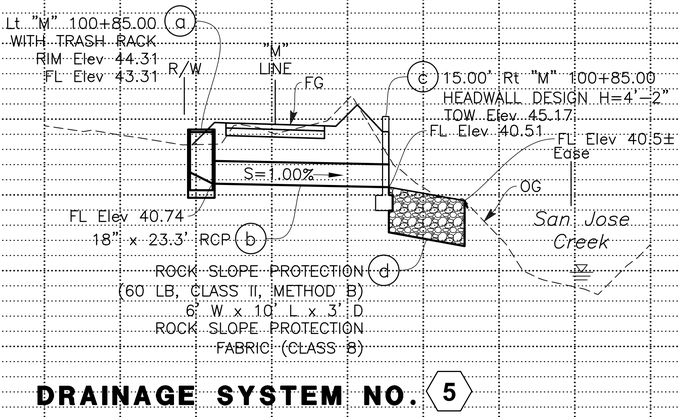
DRAINAGE SYSTEM NO. 3



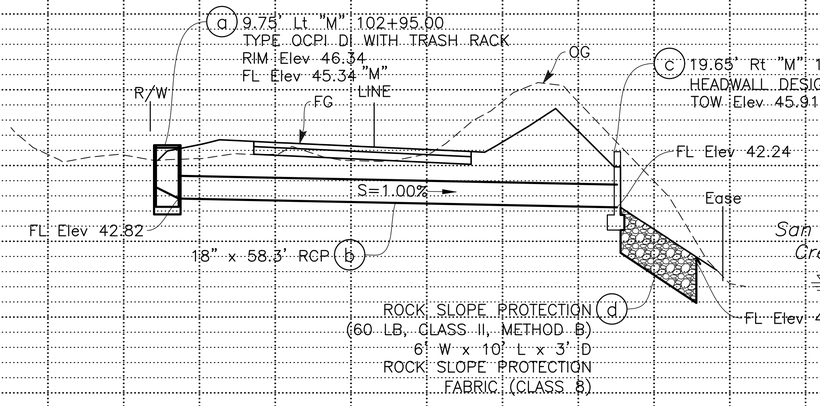
DRAINAGE SYSTEM NO. 4



DRAINAGE SYSTEM NO. 5



DRAINAGE SYSTEM NO. 6



NOTE:

SEE CALTRANS STANDARD PLAN D89B FOR HEADWALL DETAILS.

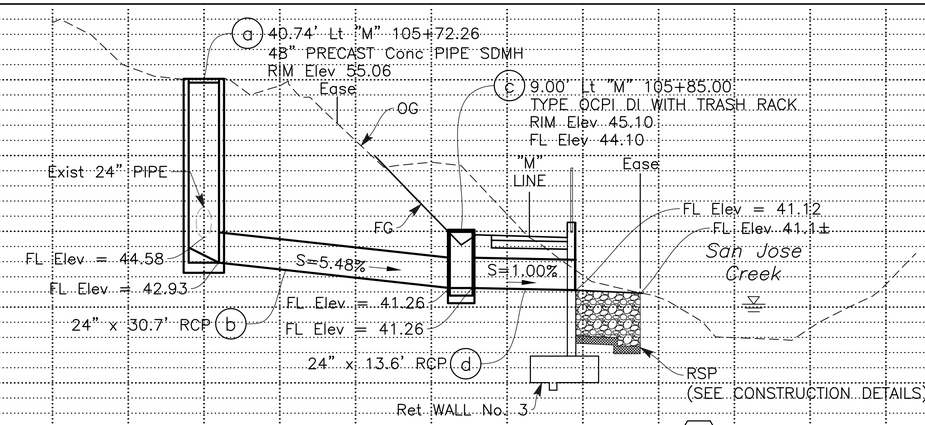
DRAINAGE PROFILES

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

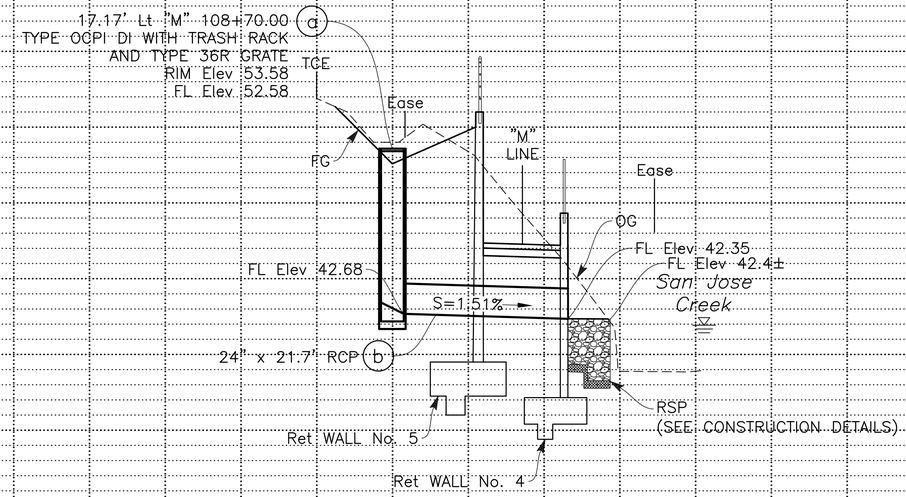
N-DP-1

SHEET 36 OF 262

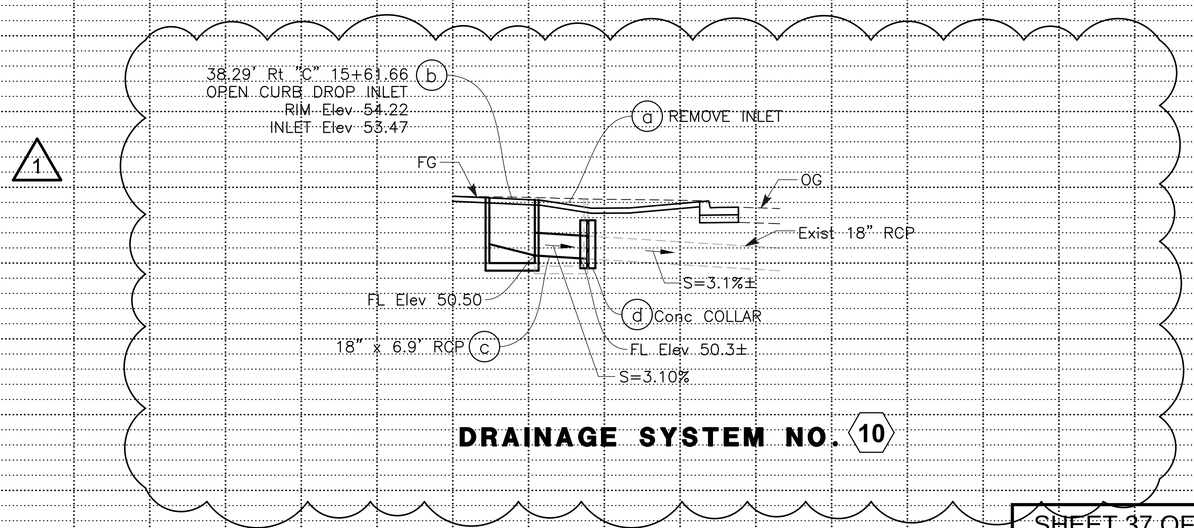
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:00 am
LAST REVISION 03-14-25



DRAINAGE SYSTEM NO. 8



DRAINAGE SYSTEM NO. 9



DRAINAGE SYSTEM NO. 10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	36	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DRAINAGE PROFILES

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

N-DP-2

SHEET 37 OF 262

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:18 pm

U:\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-DP.dwg, 4/23/2025 3:18 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => lervin | DGN FILE => NE-R-DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 116

DRAINAGE QUANTITIES 1

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVE HEADWALL	REMOVE PIPE	REMOVE INLET	48" PRECAST CONCRETE PIPE STORM DRAIN MANHOLE	36" PRECAST CONCRETE PIPE INLET (TYPE OCPI DI)	OPEN CURB DROP INLET	18" RCP	24" RCP	STRUCTURAL CONCRETE (HEADWALL)	CONCRETE COLLAR	ROCK SLOPE PROTECTION (60 LB, CLASS II, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	DRAINAGE INLET MARKER	DESCRIPTION
			EA	LF	EA	LF	LF	EA	LF	LF	CY	EA	CY	SQYD	EA	
D-1	1	a					4.5								1	
		b							27.9							
		c									2.0				1	
		d											6.7	21.6		
	2	a					4.3								1	
		b							35.0							
		c									2.0				1	
		d											6.7	21.6		
	3	a					4.5								1	
		b							18.2							
		c									2.0				1	
		d											6.7	21.6		
	4	a					4.3								1	
		b							21.2							
		c									2.0				1	
		d											6.7	21.6		
	N/A												1.1	7.5		98+99.50 SWALE OUTLET
D-2	5	a					4.3								1	
		b							23.3							
		c									4.5				1	
		d											6.7	21.6		
	6	a					4.3								1	
		b							58.3							
		c									2.0				1	
		d											6.7	21.6		
	8	a				12.9										
		b								30.7						
		c					4.6								1	
		d								13.6						
		e	1													
		f		38.3												
	9	a					11.7								1	
	N/A												1.1	7.5		101+00.56 SWALE OUTLET
D-3	10				1			1	6.9			1				
TOTAL			1	38.3	1	12.9	42.5	1	~~183.9~~ **190.8**	44.3	14.5	1	42.4	144.4	14	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	37	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:18 pm

U:\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-DQ.dwg, 4/23/2025 3:18 PM

SHEET 38 OF 262

DRAINAGE QUANTITIES

N-DQ-1

BORDER LAST REVISED 7/2/2010 | USERNAME => lervin | DGN FILE => NE-R-DQ.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	38	80

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING UTILITIES TO BE FIELD VERIFIED.
3. SEE DRAINAGE PLAN FOR ADDITIONAL STORM DRAIN INFORMATION.
4. UTILITY OWNERSHIP:

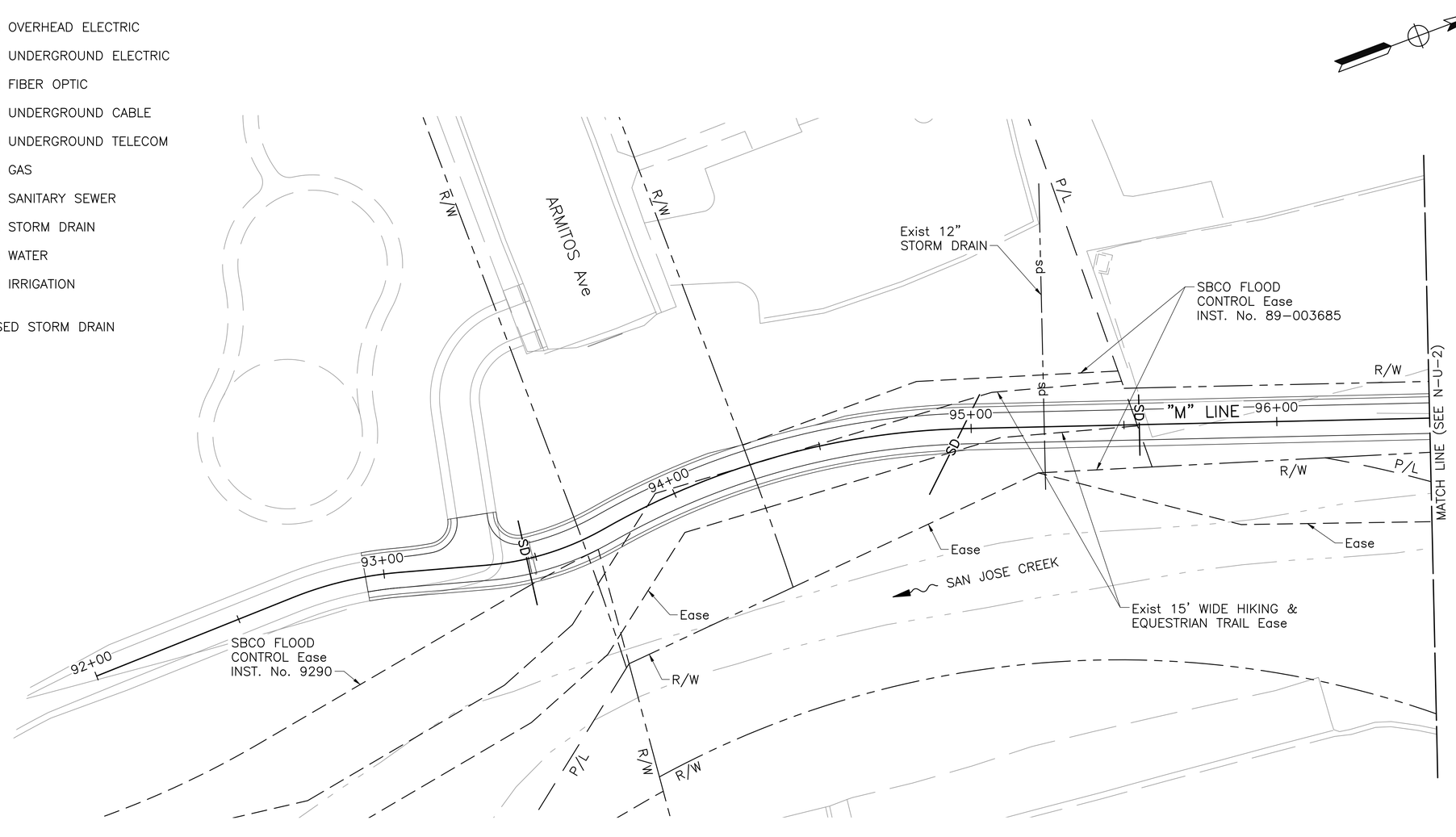
   ELECTRICAL: SOUTHERN CALIFORNIA EDISON (SCE)
   FIBER OPTIC: COX COMMUNICATIONS, FRONTIER COMMUNICATIONS
   TELECOM: FRONTIER COMMUNICATIONS
   GAS: SOUTHERN CALIFORNIA GAS (SCG)
   SANITARY SEWER: GOLETA SANITARY DISTRICT
   STORM DRAIN: CALTRANS (CT), CITY OF GOLETA (CITY)
   WATER: GOLETA WATER DISTRICT
   IRRIGATION: CALTRANS (CT)

UTILITY CONTACT INFORMATION

SOUTHERN CALIFORNIA EDISON	KALIN FOULDS	KALIN.FOULDS@SCE.COM	(909) 637-0312
COX COMMUNICATIONS	JOSE MURILLO	JOSE.MURILLO@COX.COM	(805) 896-7383
FRONTIER	LAD KUZELA	LADISLAV.J.KUZELA@FTR.COM	(805) 964-8303
SOUTHERN CALIFORNIA GAS	ARNULFO GOMEZ	AGOMEZ16@SOCALGAS.COM	(805) 742-6962
GOLETA SANITARY DISTRICT	SHAMUS O'DONNELL	SODONNELL@GOLETASANITARY.COM	(805) 967-4519
GOLETA WATER DISTRICT	PAULA BUTCHER	PBUTCHER@GOLETAWATER.COM	(805) 964-6761

LEGEND:

- Existing OVERHEAD ELECTRIC
- Existing UNDERGROUND ELECTRIC
- Existing FIBER OPTIC
- Existing UNDERGROUND CABLE
- Existing UNDERGROUND TELECOM
- Existing GAS
- Existing SANITARY SEWER
- Existing STORM DRAIN
- Existing WATER
- Existing IRRIGATION
- PROPOSED STORM DRAIN



UTILITY PLAN

SCALE: 1"=20'

N-U-1

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 39 OF 262

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-U1-U5.dwg, 3/26/2025 11:01 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED-DESIGNED BY: A. BOYES | CHECKED BY: J. SILVA | REVISED BY | DATE REVISED

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 11:01 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-U1-U5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	39	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
1	CITY OF GOLETA	STORM DRAIN	6.0'	TEST HOLE	4.6' FROM CMU WALL, 10' FROM CORNER OF WALL



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 40 OF 262

UTILITY PLAN

SCALE: 1"=20'

N-U-2

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-U1-U5.dwg, 3/26/2025 11:01 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
A. BOYES	J. SILVA

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:01 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-U1-U5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	40	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

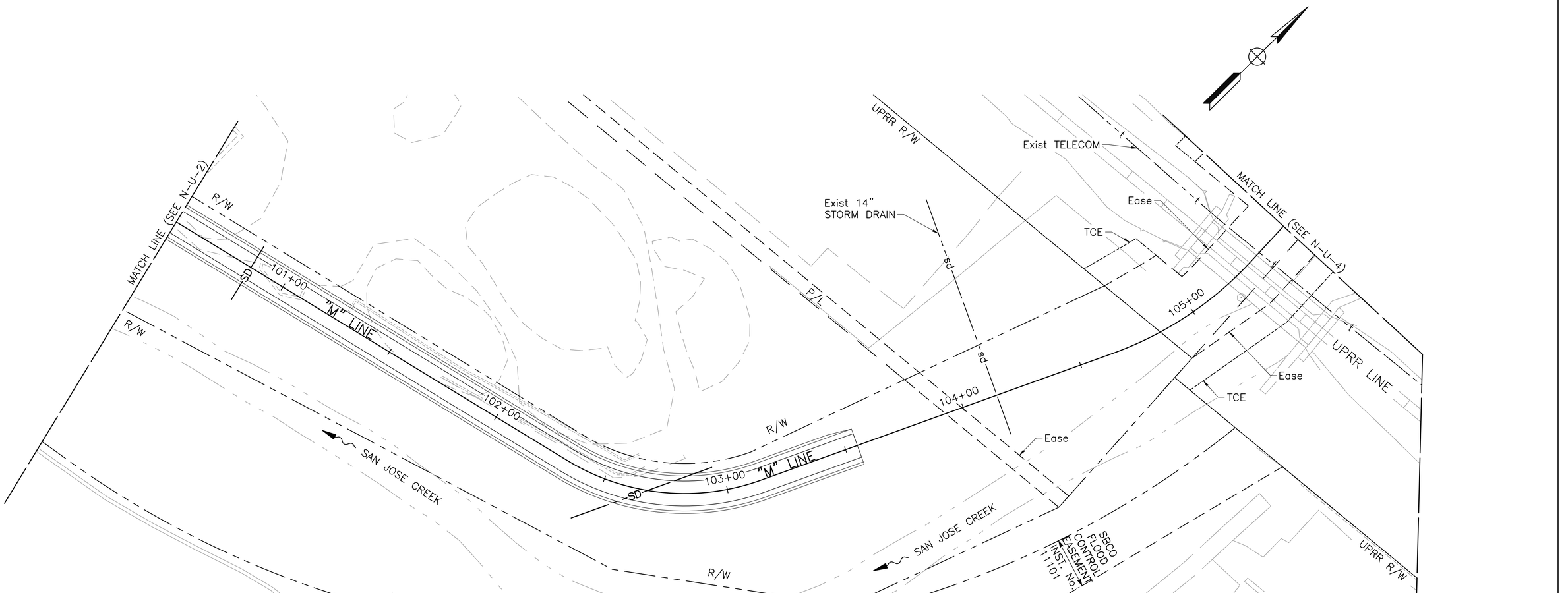
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



UTILITY PLAN

SCALE: 1"=20'

N-U-3

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 41 OF 262

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	A. BOYES				
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	CALCULATED-DESIGNED BY: J. SILVA				
	CHECKED BY				

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 11:01 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-U1-U5.dwg, 3/26/2025 11:01 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-U1-U5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE ELECTRICAL PLAN FOR STREET LIGHT AND PULL BOX MODIFICATIONS.

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
2	GOLETA WATER DISTRICT	14" WATER	3.4'	TEST HOLE	3.6' SOUTH OF FACE OF CURB, 38.2' EAST OF TELECOM MH, 4.1' NORTH OF FENCE
3	FRONTIER	TELECOM BANK	6.9'	TEST HOLE	2.0' SOUTH OF FACE OF CURB, 30.3' EAST OF TELECOM MH, 5.2' NORTH OF FENCE
4	SOUTHERN CALIFORNIA EDISON	3" CONDUIT ELECTRIC	2.7'	TEST HOLE	7.1' SOUTH OF FACE OF CURB, 31.0' EAST OF TELECOM MH, 0.4' NORTH OF FENCE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	41	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER — DATE

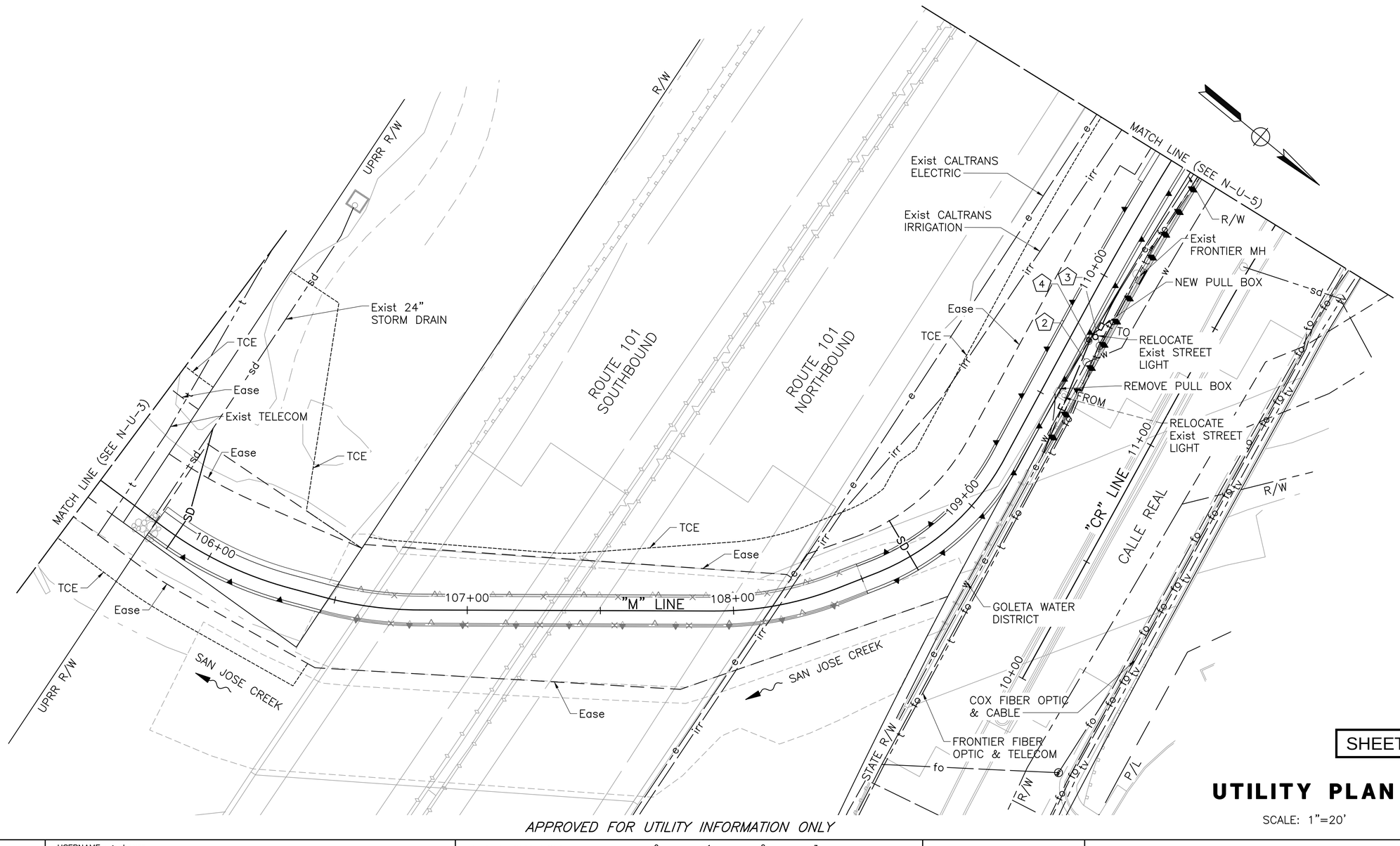
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SHEET 42 OF 262

UTILITY PLAN

SCALE: 1"=20'

N-U-4

APPROVED FOR UTILITY INFORMATION ONLY

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-U1-U5.dwg, 3/26/2025 11:02 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED-DESIGNED BY: A. BOYES | CHECKED BY: J. SILVA | REVISED BY | DATE REVISED

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 11:02 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-U1-U5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE ELECTRICAL PLAN FOR STREET LIGHT AND PULL BOX MODIFICATIONS.

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
5	SOUTHERN CALIFORNIA EDISON	(3) 1"-2" CONDUITS ELECTRIC	1.0'	TEST HOLE	3.1' NORTH OF FENCE, 4.1' SOUTH OF FACE OF CURB, 60.0' FROM STREET LIGHT
6	FRONTIER	(4) 5" CONDUITS TELECOM	5.0'	TEST HOLE	6.8' NORTH OF FENCE, 0.7' SOUTH OF FACE OF CURB, 56.8' FROM STREET LIGHT
7	GOLETA WATER DISTRICT	WATER	4.0'	TEST HOLE	5.3' NORTH OF FACE OF CURB, 55.6' FROM STREET LIGHT
8	SOUTHERN CALIFORNIA GAS	8" GAS	3.6'	TEST HOLE	3.4' NORTH OF FACE OF CURB, 12.0' WEST OF WATER VALVE
9	SOUTHERN CALIFORNIA EDISON	2" CONDUIT ELECTRIC	2.36'	TEST HOLE	3.4' NORTH OF FACE OF CURB, 12.8' WEST OF WATER VALVE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	42	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

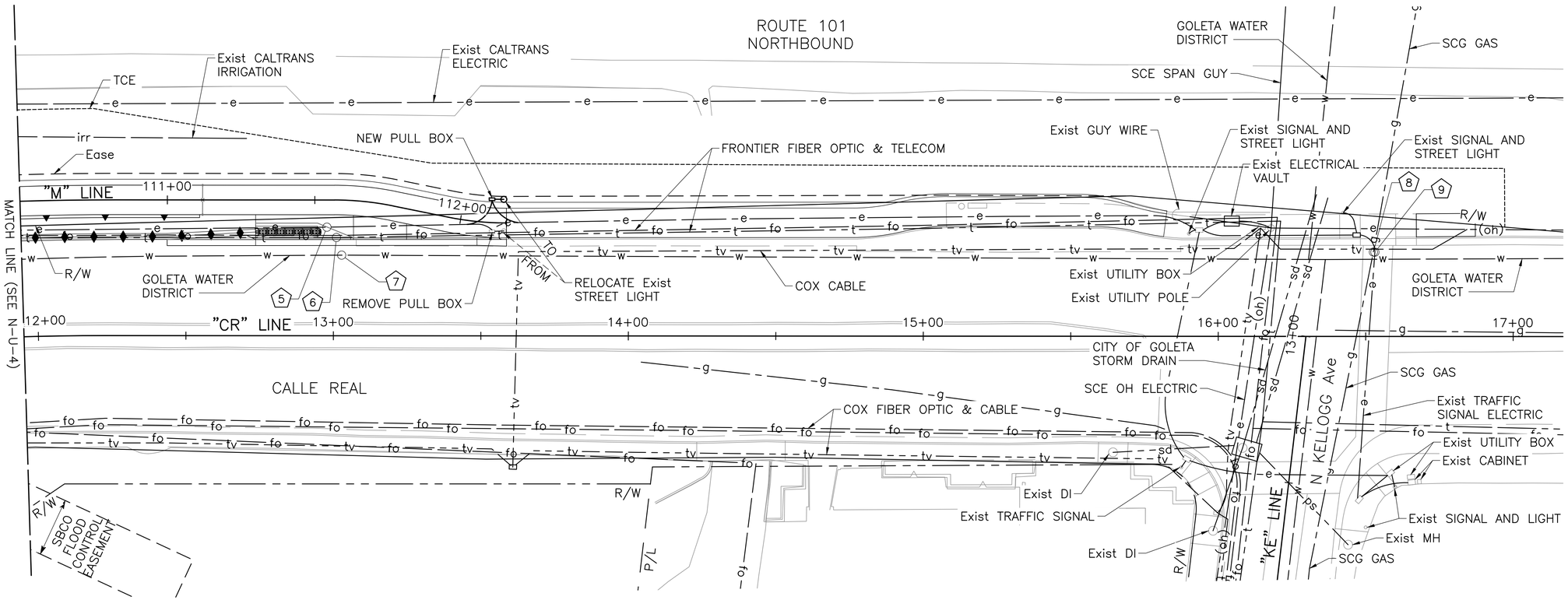
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 43 OF 262

UTILITY PLAN

SCALE: 1"=20'

N-U-5

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-U1-U5.dwg, 3/26/2025 11:02 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY | DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:02 am

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-U1-U5.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
122

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	43	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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DEPARTMENT OF PUBLIC WORKS
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

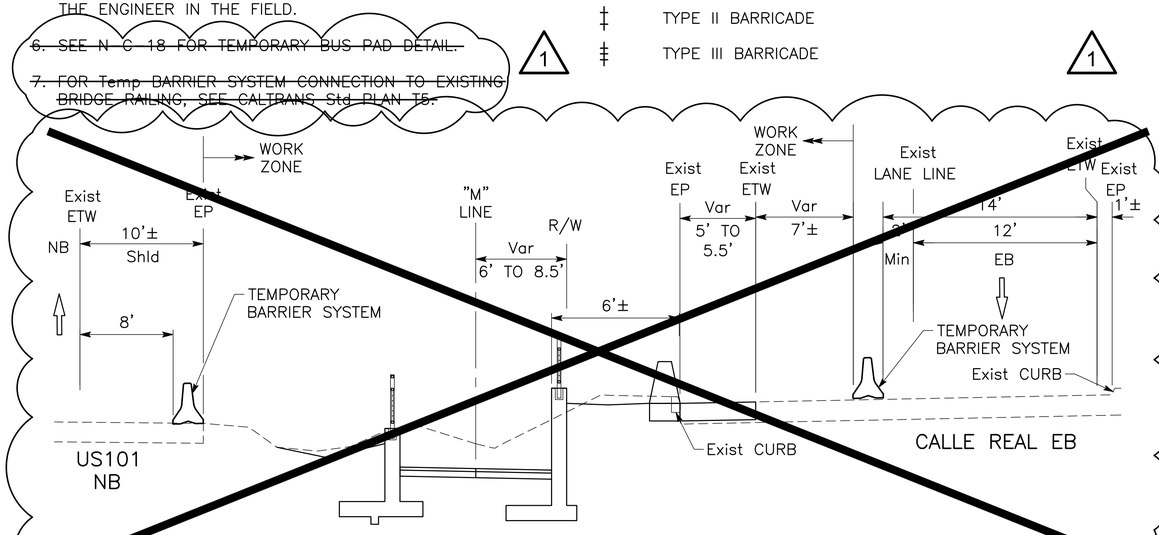
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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE CA MUTCD.
3. REFER TO SPECIAL PROVISIONS FOR LIMITATIONS OF WORK PERIODS.
4. FOR ALIGNMENT INFORMATION, SEE PLAN AND PROFILE SHEETS.
5. EXACT LOCATION OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
6. ~~SEE N C 18 FOR TEMPORARY BUS PAD DETAIL.~~
7. ~~FOR Temp BARRIER SYSTEM CONNECTION TO EXISTING BRIDGE RAILING, SEE CALTRANS Std PLAN T5.~~

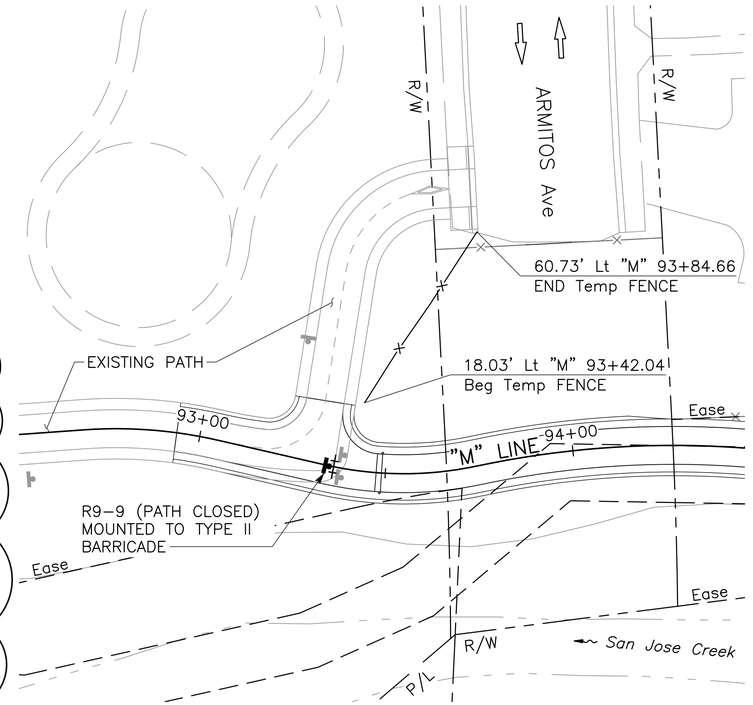
LEGEND:

- DIRECTION OF TRAFFIC FLOW
- TEMPORARY FENCE (TYPE CL–6)
- TEMPORARY BARRIER SYSTEM
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- CHANNELIZER (SURFACE MOUNTED)
- TEMPORARY CRASH CUSHION
- TYPE II BARRICADE
- TYPE III BARRICADE
- CONSTRUCTION AREA SIGN
- FLASHING ARROW SIGN



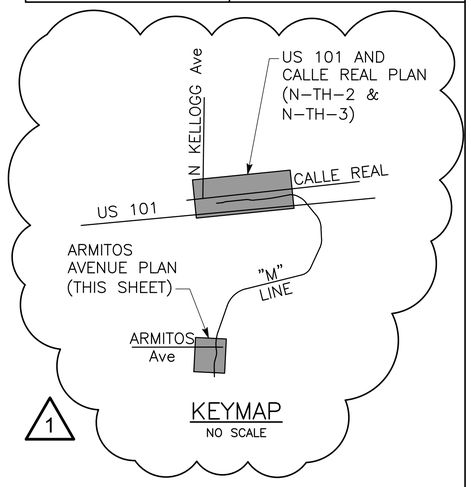
SECTION A-A

NO SCALE



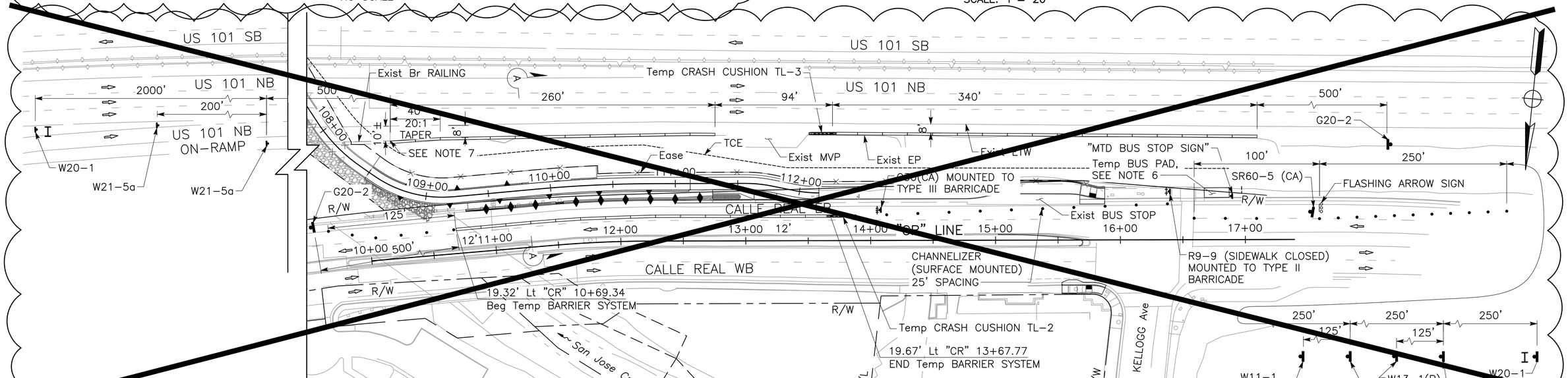
ARMITOS AVENUE

SCALE: 1"= 20'



KEYMAP

NO SCALE



US 101 AND CALLE REAL

SCALE: 1"= 40'

APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 44 OF 262

TRAFFIC HANDLING PLAN

SCALE AS SHOWN

N-TH-1

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 2:59 pm

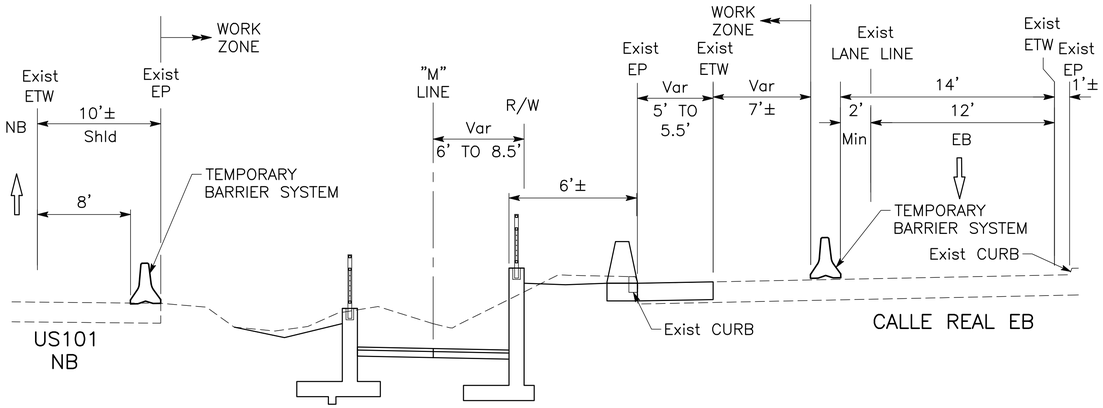
BORDER LAST REVISED 7/2/2010
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DGN FILE => NE-R-TH1.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

ADDED PER ADDENDUM No. 1 DATED APRIL 15, 2025

1

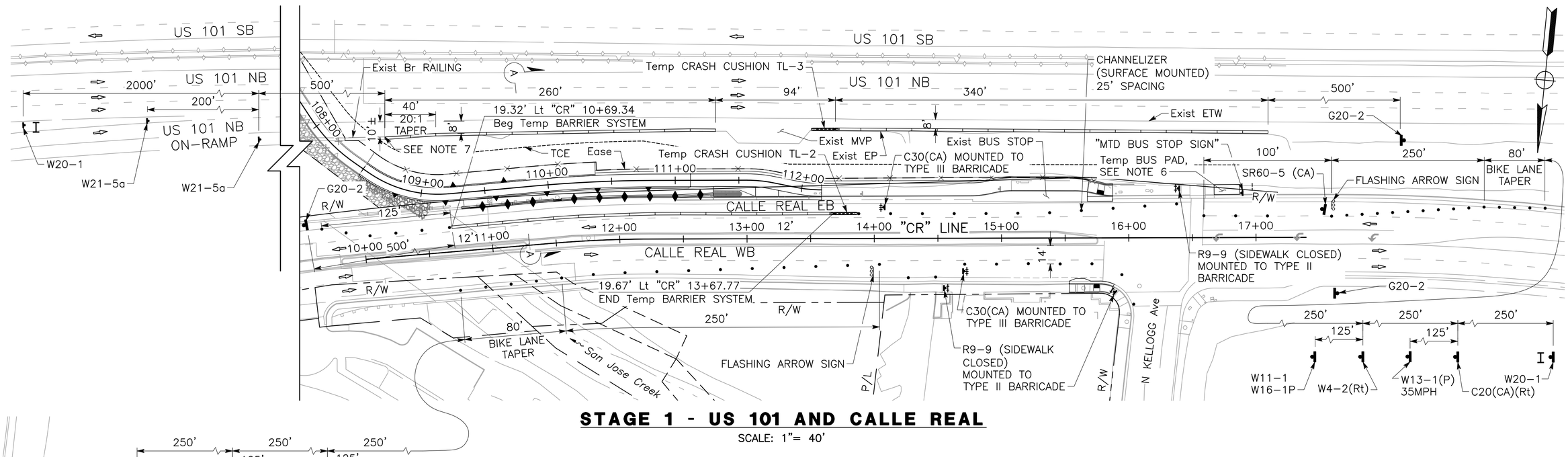
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4. FOR ALIGNMENT INFORMATION, SEE PLAN AND PROFILE SHEETS.
5. EXACT LOCATION OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
6. SEE N–C–18 FOR TEMPORARY BUS PAD DETAIL.
7. FOR Temp BARRIER SYSTEM CONNECTION TO EXISTING BRIDGE RAILING, SEE CALTRANS Std PLAN T5.
8. MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.



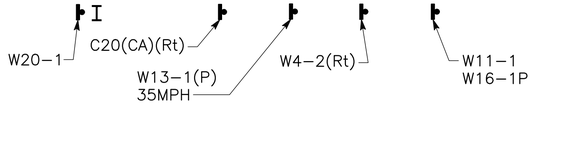
SECTION A-A

NO SCALE



STAGE 1 - US 101 AND CALLE REAL

SCALE: 1"= 40'



APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 44A OF 262

TRAFFIC HANDLING PLAN

SCALE AS SHOWN

N-TH-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	43A	80

Anthony J. Boyes — 04-15-25
REGISTERED CIVIL ENGINEER — DATE

April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA

U:\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–TH2.dwg, 4/23/2025 3:00 PM

DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:00 pm
LAST REVISION 04–15–25

BORDER LAST REVISED 7/2/2010
USERNAME =>lervin
DGN FILE => NE–R–TH2.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

ADDED PER ADDENDUM No. 1 DATED APRIL 15, 2025 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	43B	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

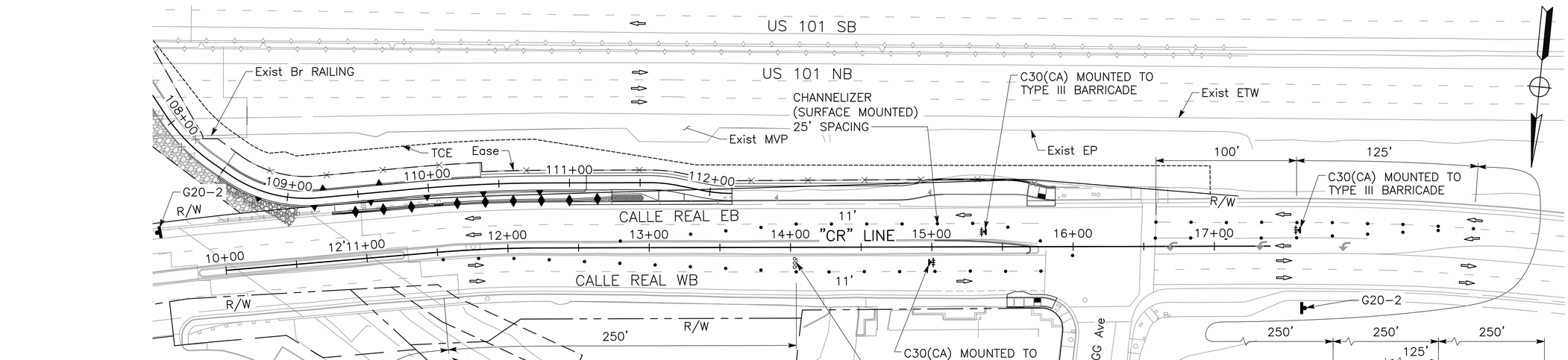
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11060 WHITE ROCK ROAD, SUITE 200
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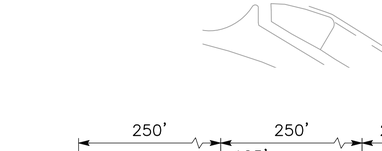
NOTES:

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3. REFER TO SPECIAL PROVISIONS FOR LIMITATIONS OF WORK PERIODS.
4. FOR ALIGNMENT INFORMATION, SEE PLAN AND PROFILE SHEETS.
5. EXACT LOCATION OF SIGNS ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.



STAGE 2 - US 101 AND CALLE REAL

SCALE: 1"= 40'



APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 44B OF 262

TRAFFIC HANDLING PLAN

SCALE AS SHOWN

N-TH-3

	REVISED BY	AB
	DATE REVISED	4/15/25 ADDENDUM 1
CALCULATED-DESIGNED BY	A. BOYES	
CHECKED BY	J. SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS		

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:00 pm

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BORDER LAST REVISED 7/2/2010 | USERNAME =>lervin | DGN FILE => NE-R-TH3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

REPLACED PER ADDENDUM No. 1 DATED APRIL 15, 2025 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	44	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

TEMPORARY BARRIER SYSTEM

SHEET NO.	LOCATION	LF
N-TH-2	ALONG CALLE REAL EB	300
	ALONG US 101 NB	600
	TOTAL	900

TEMPORARY CRASH CUSHION

SHEET NO.	TL-2	TL-3	LOCATION
	EA	EA	
N-TH-2	1		ALONG CALLE REAL
		1	ALONG US 101
TOTAL	1	1	

TRAFFIC HANDLING QUANTITIES

SHEET	TYPE II BARRICADE	TYPE III BARRICADE	FLASHING ARROW SIGN	TEMPORARY FENCE (TYPE CL-6)	CHANNELIZER
	EA	EA	EA	LF	EA
N-TH-1	1			55	
N-TH-2	3	2	2		51
N-TH-3		3	1		59
TOTAL	4	5	3	55	110

CONSTRUCTION AREA SIGN QUANTITIES

SHEET No.	CODE	SIGN PANEL SIZE INCHES	No. OF SIGNS	No. OF POSTS AND SIZE	SIGN MESSAGE	MEMO
N-TH-1	R9-9	24x12	1	MOUNTED ON TYPE II BARRICADE	PATH CLOSED	
N-TH-2	C20(CA)(Rt)	36x36	2	1 – 6" x 6"	Rt LANE CLOSED AHEAD	
	C30(CA)	36x36	2	MOUNTED ON TYPE III BARRICADE	LANE CLOSED	
	W20-1	36x36	2	1 – 6" x 6"	ROAD WORK AHEAD	ALONG CALLE REAL
		48x48	1	1 – 6" x 6"		ALONG US 101
	W13-1P	24x24	2	1 – 6" x 6"	35 MPH	
	G20-2	36x18	2	1 – 6" x 6"	END ROAD WORK	ALONG CALLE REAL
		48x24	1	1 – 6" x 6"		ALONG US 101
	W21-5a	48x48	2	1 – 6" x 6"	SHOULDER CLOSED	
	R9-9	24x12	3	MOUNTED ON TYPE II BARRICADE	SIDEWALK CLOSED	
	W4-2(Rt)	36x36	2	1 – 6" x 6"	LANE DROP	
	W11-1	30x30	2	1 – 6" x 6"	BICYCLE	
	W16-1P	24x18	2	MOUNTED BELOW W11-1	SHARE THE ROAD	
	SR60-5 (CA)	30X42	1	–	BUSES ONLY	MOUNTED ON Temp SIGN STAND
	–	12x18	1	1 – STEEL POST	MTD BUS STOP SIGN	
	PCMS		2			
N-TH-3	W20-1	36x36	2	1 – 6" x 6"	ROAD WORK AHEAD	
	W74(CA)	36x36	1	1 – 6" x 6"	THRU TRAFFIC MERGE RIGHT	
	R3-7	30x30	1	1 – 6" x 6"	LEFT LANE MUST TURN LEFT	
	C30(CA)	36x36	3	MOUNTED ON TYPE III BARRICADE	LANE CLOSED	
	C20(CA)(Lt)	36x36	1	1 – 6" x 6"	Lt LANE CLOSED AHEAD	
	W13-1P	24x24	2	1 – 6" x 6"	35 MPH	
	W4-2(Lt)	36x36	1	1 – 6" x 6"	LANE DROP	
	G20-2	36x18	2	1 – 6" x 6"	END ROAD WORK	
	PCMS		2			

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:00 pm
LAST REVISION 04-15-25

TRAFFIC HANDLING QUANTITIES
N-THQ-1

BORDER LAST REVISED 7/2/2010 | USERNAME =>lervin | DGN FILE => NE-R-THQ.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	45	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

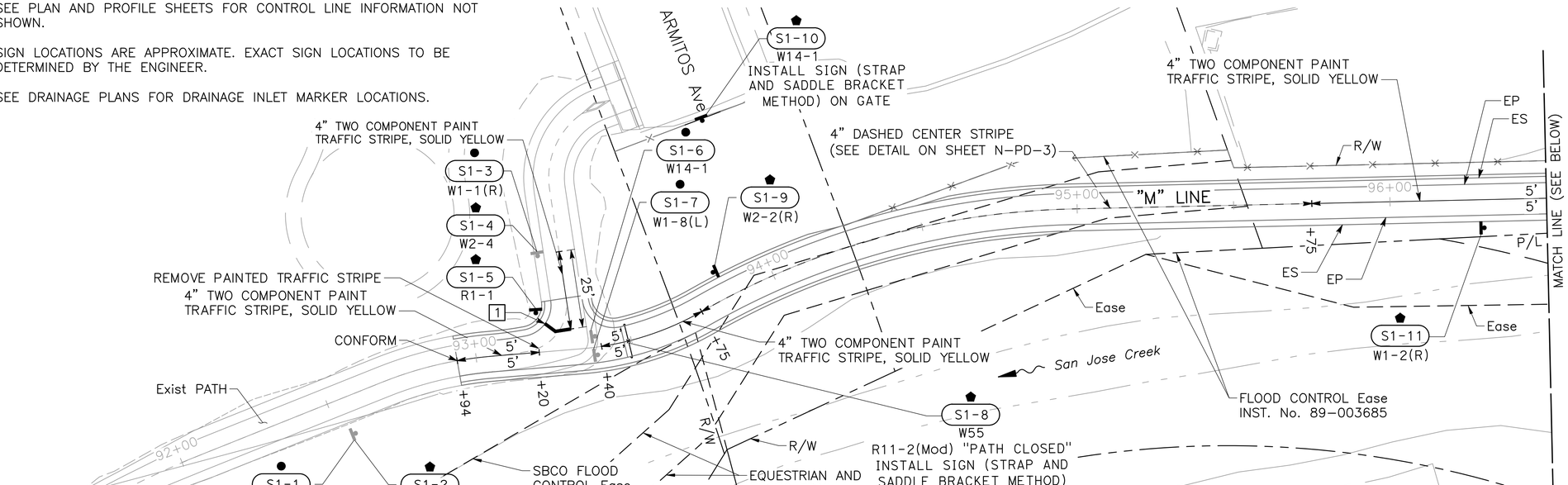
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. REMOVE ALL CONFLICTING STRIPING.
3. FOR ALL PAVEMENT STRIPING AND PAVEMENT MARKING DETAILS, REFER TO CALTRANS STANDARD PLANS DATED 2023.
4. FOR ALL SIGN DETAILS REFER TO 2014 CALIFORNIA MUTCD.
5. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE NOTED WITH THE CALIFORNIA SIGN DESIGNATION (CA).
6. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS NOTED OTHERWISE.
7. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.
8. SIGN LOCATIONS ARE APPROXIMATE. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
9. SEE DRAINAGE PLANS FOR DRAINAGE INLET MARKER LOCATIONS.

LEGEND:

- BEGIN/END OF TRAFFIC STRIPE DETAIL
- REMOVE THERMOPLASTIC PAVEMENT MARKING
- [1] 12" WHITE THERMOPLASTIC PAVEMENT MARKING
- ROADSIDE SIGN – ONE POST
- EXISTING ROADSIDE SIGN – ONE POST
- OBJECT MARKER (TYPE P)
- (XX-XX) ROADSIDE SIGN NUMBER
- NEW ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN
- BIKE LANE SYMBOL



SIGN DETAIL

NO SCALE

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1"=20'

N-PD-1

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SHEET 46 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
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5	SB	101	21.6	46	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

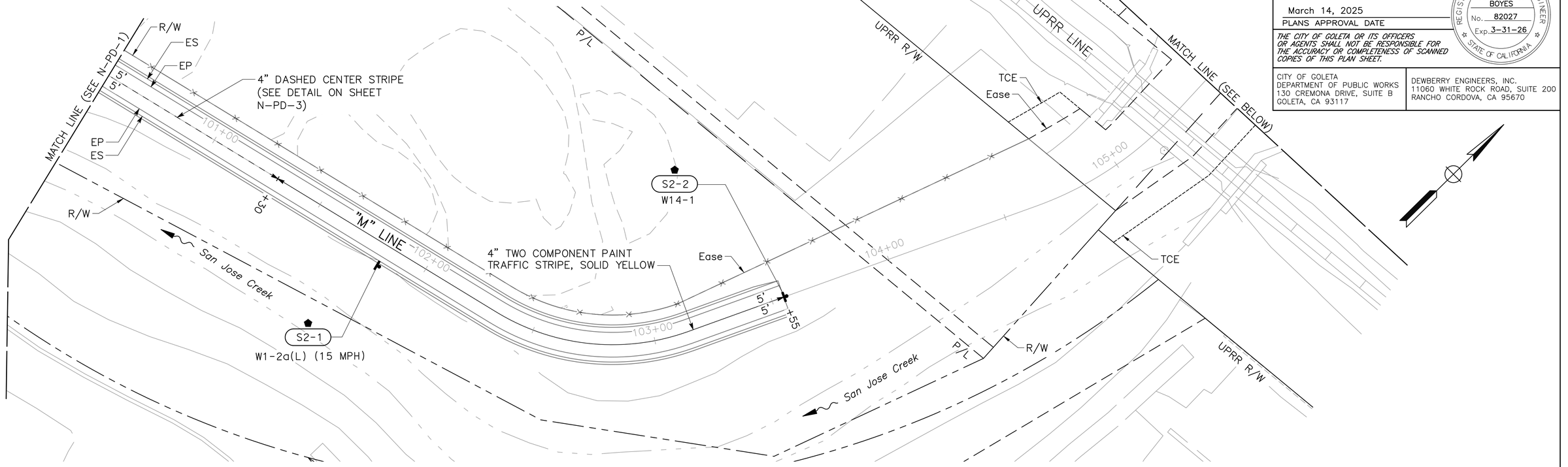
ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SHEET 47 OF 262

SCALE: 1"=20'

PAVEMENT DELINEATION AND SIGN PLAN

N-PD-2

CALCULATED-DESIGNED BY	A. BOYES
CHECKED BY	J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

REVISED BY	DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:03 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-PD1-PD3.dwg, 3/26/2025 11:03 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-PD1-PD3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	47	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

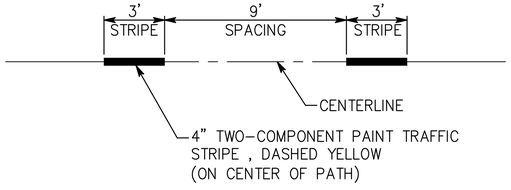
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

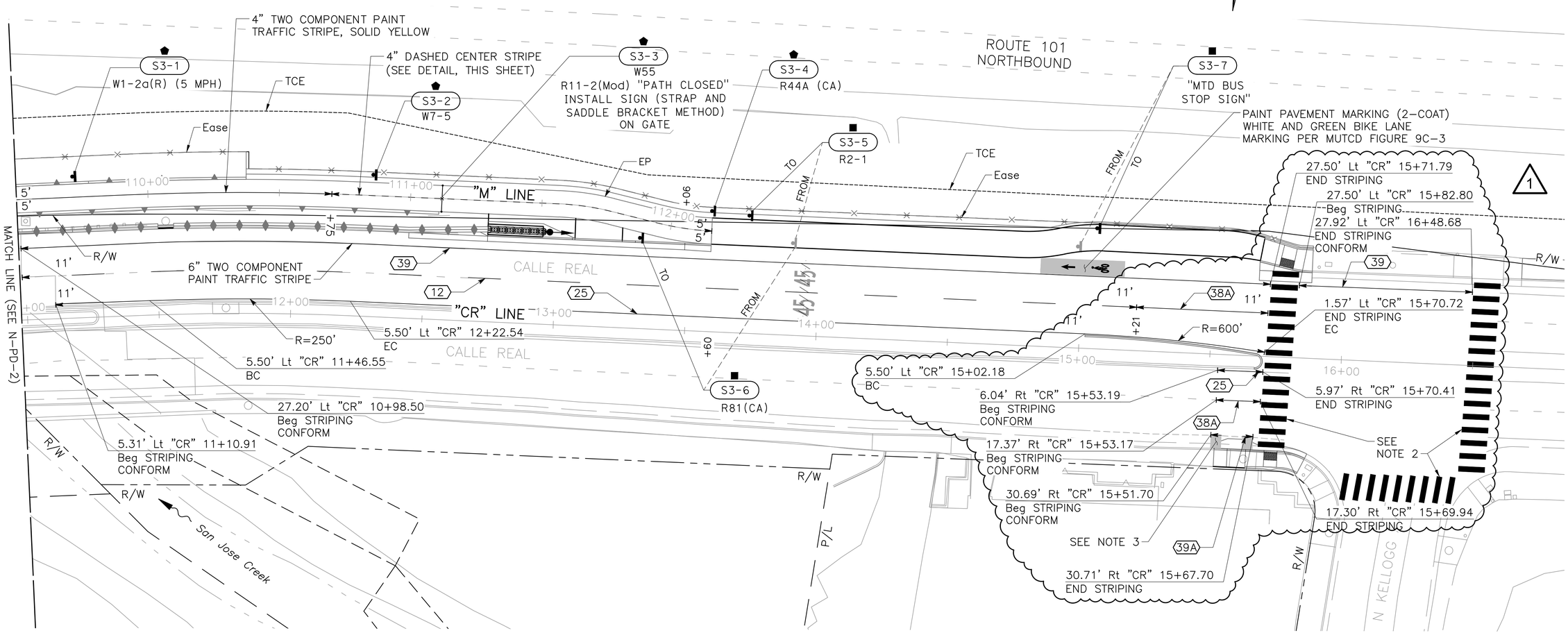
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. THERMOPLASTIC PAVEMENT MARKING, HIGH-VISIBILITY CROSSWALK PER CALTRANS STANDARD PLAN A24F.
3. PAINT PAVEMENT MARKING (2-COAT), GREEN, IN LINE WITH DETAIL 39A.

1



PATH CENTER STRIPE DETAIL
NO SCALE



1

PAVEMENT DELINEATION AND SIGN PLAN

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SHEET 48 OF 262

SCALE: 1"=20'

N-PD-3

CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
A. BOYES	AB	4/15/25 ADDENDUM 1
CHECKED BY		
J. SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-PD1-PD3.dwg, 4/23/2025 3:19 PM

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:19 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>aboyes
DGN FILE => NE-R-PD1-PD3.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN NUMBERS (SIGN–NO.)	CODE	SIGN PANEL SIZE	POST SIZE AND LENGTH		ROADSIDE SIGN (ONE POST)	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	REMOVE ROADSIDE SIGN (POST)	RELOCATE ROADSIDE SIGN (POST)	TREATED WOOD WASTE	DESCRIPTION/COMMENTS
			INCHES	4"x4"	4"x6"	EA	EA	EA	EA	LB	
N–PD–1	S1–1	W1–1(L)	18" X 18"	–	–	–	–	1	–	75	SIGN REPLACED BY S1–2
	S1–2	W2–2(L)	18" X 18"	1	–	1	–	–	–	–	T INTERSECTION (LEFT TURN)
	S1–3	W1–1(R)	18" X 18"	–	–	–	–	1	–	75	SIGN REPLACED BY S1–4
	S1–4	W2–4	18" X 18"	1	–	1	–	–	–	–	T INTERSECTION
	S1–5	R1–1	18" X 18"	1	–	1	–	–	–	–	STOP SIGN
	S1–6	W14–1	24" X 24"	–	–	–	–	1	–	75	DEAD END (REMOVE)
	S1–7	W1–8(L)	18" X 24	–	–	–	–	1	–	75	LEFT CHEVRON (REMOVE)
	S1–8	W55	30" X 30"	–	–	–	1	–	–	–	FLOODED – INSTALL ON GATE
		R11–2 (Mod)	48" X 30"	–	–	–	1	–	–	–	PATH CLOSED – INSTALL ON GATE
	S1–9	W2–2(R)	18" X 18"	1	–	1	–	–	–	–	T INTERSECTION (RIGHT TURN)
	S1–10	W14–1	30" X 30"	–	–	–	1	–	–	–	DEAD END
	S1–11	W1–2(R)	18" X 18"	1	–	1	–	–	–	–	RIGHT CURVE
	S1–12	W1–2(L)	18" X 18"	1	–	1	–	–	–	–	LEFT CURVE
N–PD–2	S2–1	W1–2a(L)	18" X 18"	1	–	1	–	–	–	–	LEFT CURVE(15 MPH)
	S2–2	W14–1	24" X 24"	1	–	1	–	–	–	–	DEAD END (ATTACH TO BARRICADE)
	S2–3	W14–1	24" X 24"	1	–	1	–	–	–	–	DEAD END (ATTACH TO BARRICADE)
	S2–4	W1–2a(R)	18" X 18"	1	–	1	–	–	–	–	RIGHT CURVE (10 MPH)
	S2–5	W1–2a(L)	18" X 18"	1	–	1	–	–	–	–	LEFT CURVE (10 MPH)
N–PD–3	S3–1	W1–2a(R)	18" X 18"	1	–	1	–	–	–	–	RIGHT CURVE (5 MPH)
	S3–2	W7–5	18" X 18"	1	–	1	–	–	–	–	HILL (BICYCLE)
	S3–3	W55	30" X 30"	–	–	–	1	–	–	–	FLOODED – INSTALL ON GATE
		R11–2(Mod)	48" X 30"	–	–	–	1	–	–	–	PATH CLOSED – INSTALL ON GATE
	S3–4	R44A (CA)	12" X 24"	1	–	1	–	–	–	–	BIKE PATH/NO MOTOR VEHICLES
	S3–5	R2–1	18" X 18"	–	–	–	–	–	1	–	~~40~~ **45** MPH
	S3–6	R81 (CA)	18" X 18"	–	–	–	–	–	1	–	Exist BIKE LANE SIGN
	S3–7	"MTD BUS STOP SIGN"	18" X 12"	–	–	–	–	–	2	–	"MTD BUS STOP SIGN" (INCLUDES MOVE TO Temp LOCATION)
					TOTAL	14	5	4	4	300	–

1

PAVEMENT DELINEATION QUANTITIES

1

SHEET No.	4" TWO–COMPONENT PAINT TRAFFIC STRIPE, YELLOW	6" TWO–COMPONENT PAINT TRAFFIC STRIPE, WHITE	6" TWO–COMPONENT PAINT TRAFFIC STRIPE, YELLOW	8" TWO–COMPONENT PAINT TRAFFIC STRIPE, WHITE	PAINT PAVEMENT MARKING (2–COAT)	THERMOPLASTIC PAVEMENT MARKING, WHITE	PAVEMENT MARKER (RETROREFLECTIVE)		REMOVE PAINTED TRAFFIC STRIPE	REMOVE PAINTED PAVEMENT MARKING	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE PAVEMENT MARKER	DESCRIPTION/COMMENTS
							TYPE G	TYPE H					
	LF	LF	LF	LF	SQFT	SQFT	EA	EA	LF	SQFT	SQFT	EA	
N–PD–1	761	–	–	–	–	–	–	–	61	–	–	–	–
N–PD–1	–	–	–	–	–	10	–	–	–	–	–	–	1' LIMIT LINE AT "TEE" INTERSECTION
N–PD–2	679	–	–	–	–	–	–	–	–	–	–	–	–
N–PD–3	–	–	–	–	~~192~~ **233**	–	–	–	–	–	–	–	BIKE LANE PAVEMENT MARKINGS
N–PD–3	266	–	–	–	–	–	–	–	~~262~~ **1577**	–	–	22	
N–PD–3	–	~~434~~ **424**	–	–	–	–	10	–	–	–	–	–	DETAIL 12
N–PD–3	–	~~465~~	478	–	–	–	–	~~11~~ **12**	–	–	–	–	DETAIL 25
N–PD–3	–	~~486~~ **542**	–	–	–	–	–	–	–	–	–	–	DETAIL 39
N–PD–3	–	17	–	–	–	–	–	–	–	–	–	–	DETAIL 39A
N–PD–3	–	–	–	~~50~~ **67**	–	–	–	–	–	–	–	–	DETAIL 38A
N–PD–3	–	–	–	–	–	~~44~~	–	–	–	–	44	–	(2) 45 MPH MARKINGS ON CALLE REAL
N–PD–3	–	–	–	–	–	–	–	–	–	214	39		EXISTING LIMIT LINE/CROSSWALKS
N–PD–3	–	–	–	–	–	~~139~~ **760**	–	–	–	–	–	–	CROSSWALKS
TOTAL	1706	~~1385~~ **983**	478	~~50~~ **67**	~~192~~ **233**	~~54~~ **770**	10	~~11~~ **12**	~~323~~ **1638**	214	~~44~~ **83**	22	

1

PAVEMENT DELINEATION AND SIGN QUANTITIES

SHEET 49 OF 262

N–PDQ–1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	48	80

Anthony J. Boyes — 04–15–25
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3–31–26 — STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
AB	4/15/25 ADDENDUM 1

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–PDQ1–PDQ2.dwg, 4/23/2025 3:24 PM

LAST REVISION 04–15–25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:24 pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	49	80

Anthony J. Boyes 04-15-25
REGISTERED CIVIL ENGINEER DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
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GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

ROADSIDE SIGN PANEL QUANTITIES

SHEET No.	SIGN NUMBERS	CODE	DESCRIPTION/COMMENTS	SIGN PANEL SIZE	PANEL AREA	BACKGROUND SHEETING COLOR	LEGEND SHEETING COLOR	FURNISH SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.0630"	ANTI-GRAFFITI COATING
				INCHES	SQFT			SQFT	SQFT
N-PD-1	S1-1	W1-1(L)	SIGN REPLACED BY S1-2	18" X 18"	–	–	–	–	–
	S1-2	W2-2(L)	T INTERSECTION (LEFT TURN)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S1-3	W1-1(R)	SIGN REPLACED BY S1-4	18" X 18"	–	–	–	–	–
	S1-4	W2-4	T INTERSECTION	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S1-5	R1-1	STOP SIGN	18" X 18"	2.25	RED	WHITE	2.25	2.25
	S1-6	W14-1	DEAD END (REMOVE)	24" X 24"	–	–	–	–	–
	S1-7	W1-8(L)	LEFT CHEVRON (REMOVE)	18" X 24"	–	–	–	–	–
	S1-8	W55	FLOODED – INSTALL ON GATE	30" X 30"	6.25	YELLOW	BLACK	6.25	6.25
		R11-2 (Mod)	PATH CLOSED – INSTALL ON GATE	48" X 30"	10.00	WHITE	BLACK	10.00	10.00
	S1-9	W2-2(R)	T INTERSECTION (RIGHT TURN)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S1-10	W14-1	DEAD END	30" X 30"	6.25	YELLOW	BLACK	6.25	6.25
	S1-11	W1-2(R)	RIGHT CURVE	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S1-12	W1-2(L)	LEFT CURVE	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
N-PD-2	S2-1	W1-2a(L)	LEFT CURVE (15 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S2-2	W14-1	DEAD END (ATTACH TO BARRICADE)	24" X 24"	4.00	YELLOW	BLACK	4.00	4.00
	S2-3	W14-1	DEAD END (ATTACH TO BARRICADE)	24" X 24"	4.00	YELLOW	BLACK	4.00	4.00
	S2-4	W1-2a(R)	RIGHT CURVE (10 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S2-5	W1-2a(L)	LEFT CURVE (10 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
N-PD-3	S3-1	W1-2(R)	RIGHT CURVE (5 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S3-2	W7-5	HILL (BICYCLE)	18" X 18"	2.25	YELLOW	BLACK	2.25	2.25
	S3-3	W55	FLOODED – INSTALL ON GATE	30" X 30"	6.25	YELLOW	BLACK	6.25	6.25
		R11-2 (Mod)	PATH CLOSED – INSTALL ON GATE	48" X 30"	10.00	WHITE	BLACK	10.00	10.00
	S3-4	R44A (CA)	BIKE PATH/NO MOTOR VEHICLES	12" X 24"	2.00	WHITE	BLACK	2.00	2.00
	S3-5	R2-1	40 ~~45~~ MPH (1)	18" X 18"	–	–	–	–	–
	S3-6	R81 (CA)	EXIST BIKE LANE SIGN	18" X 18"	–	–	–	–	–
	S3-7	"MTD BUS STOP SIGN"	"MTD BUS STOP SIGN"	18" X 12"	–	–	–	–	–
							TOTAL	73.50	73.50

4/15/25	ADDENDUM 1	AB	
DATE REVISED	REVISED BY		
J. SILVA	A. BOYES		
CHECKED BY	CALCULATED-DESIGNED BY		

JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-PDQ1-PDQ2.dwg, 4/23/2025 3:25 PM

PAVEMENT DELINEATION AND SIGN QUANTITIES

SHEET 50 OF 262

N-PDQ-2

LAST REVISION 04-15-25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 3:25 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes DGN FILE => NE-R-PDQ1-PDQ2.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	50	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PAVEMENT STRUCTURE QUANTITIES

STATION	SHEET No.	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE	3/4" CRUSHED ROCK	PERVIOUS CONCRETE PAVEMENT	MICROSURFACING (TYPE II)	DESCRIPTION/COMMENTS
		TON	CY	CY	CY	TON	
"M" 92+93.86 TO 93+25.24	N-PP-1		2.3				Lt SHOULDER
"M" 92+93.86 TO 93+47.57	N-PP-1		3.3				Rt SHOULDER
"M" 92+93.86 TO 93+47.57	N-PP-1	17.5	13.1				PATH
"M" 93+35.53 TO 93+47.57	N-PP-1		1.0				Lt SHOULDER
"M" 93+47.57 TO 103+55.00	N-PP-1 TO N-PP-3		46.4				Lt SHOULDER
"M" 93+47.57 TO 94+98.21	N-PP-1		6.9				Rt SHOULDER
"M" 93+47.57 TO 112+15.61	N-PP-1 TO N-PP-5			304.9			PATH
"M" 93+47.57 TO 112+15.61	N-PP-1 TO N-PP-5				256.1		PATH
"M" 94+98.21 TO 97+58.00	N-PP-1 TO N-PP-2		6.0				UNDER WOOD RAIL FENCE
"M" 98+26.35 TO 99+25.00	N-PP-2		2.3				UNDER WOOD RAIL FENCE
"M" 99+25.00 TO 103+55.00	N-PP-2 TO N-PP-3		20.1				Rt SHOULDER
"M" 105+76.28 TO 106+50.00	N-PP-4		3.3				Lt SHOULDER
"M" 110+37.39 TO 112+15.61	N-PP-4 TO N-PP-5		12.8				Lt SHOULDER
"M" 111+63.45 TO 111+83.30	N-PP-5		2.1				MAINTENANCE RAMP
"CR" 10+84.34 TO 10+94.35	N-PP-4		0.6				UNDER BARRIER
"CR" 10+94.35 TO 11+08.34	N-PP-4	2.0					UNDER BARRIER
"CR" 10+98.25 TO ~~15+83.45~~ **16+59.19**	N-PP-4 TO N-PP-5					~~10.4~~ **16.1**	CALLE REAL ~~EB~~
"CR" 10+98.50 TO 13+58.67	N-PP-4 TO N-PP-5	83.2					SAWCUT AREA
"CR" 11+08.34 TO 11+18.35	N-PP-4		0.6				UNDER BARRIER
"CR" 11+18.35 TO 11+40.83	N-PP-4	3.4					UNDER BARRIER
"CR" 11+40.83 TO 11+50.67	N-PP-4		0.6				UNDER BARRIER
"CR" 11+56.46 TO 11+66.11	N-PP-4		0.6				UNDER BARRIER
"CR" 11+66.11 TO 12+43.61	N-PP-4 TO N-PP-5	15.0					UNDER BARRIER
"CR" 12+43.61 TO 12+73.61	N-PP-5		3.2				UNDER BARRIER/CURB
"CR" 12+73.61 TO 13+58.66	N-PP-5		4.1				C&G 1
"CR" 15+02.18 TO 15+67.06	N-PP-5	27.6					MEDIAN
"CR" 15+67.51 TO 15+89.50	N-PP-5	3.6					CURB RAMP 1
"CR" 15+53.16 TO 15+90.78	N-PP-5	13.4					CURB RAMP 2
"CR" 15+67.51 TO 15+87.50	N-PP-5		2.8				UNDER BUS POCKET SLAB
TOTAL		~~121.1~~ **165.6**	~~129.3~~ **132.1**	304.9	256.1	~~10.4~~ **16.1**	

ROCK SLOPE PROTECTION QUANTITIES

STATION	ROCK SLOPE PROTECTION (1/2T, CLASS VII, METHOD A)	CONCRETED-ROCK SLOPE PROTECTION (60 LB, CLASS II, METHOD B)	ROCK SLOPE PROTECTION (GRAVEL FILTER)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)
	CY	CY	CY	SQYD
"M" 97+48.00 TO 98+36.71	80.9		13.5	
"M" 105+76.28 TO 106+46.00	85.9		14.3	
"M" 108+50.00 TO 109+07.72	58.0		9.7	
"M" 109+07.72 TO 109+31.71		10.3		30.9
TOTAL	224.8	10.3	37.5	30.9

FENCE QUANTITIES

STATION	SHEET No.	REMOVE CHAIN LINK FENCE	CHAIN LINK FENCE (TYPE CL-6)	12' METAL GATE	6' CHAIN LINK GATE	RECONSTRUCT CHAIN LINK GATE	TEMPORARY HIGH-VISIBILITY FENCE	WOOD RAIL FENCE
		LF	LF	EA		EA	LF	LF
"M" 92+00 TO "M" 96+50	N-PP-1		280	1				
"M" 94+98.21 TO "M" 97+58.00	N-PP-1/N-PP-2							260
"M" 96+50 TO "M" 100+50	N-PP-2		412					
"M" 98+26.35 TO "M" 99+25.00	N-PP-2							99
"M" 100+50 TO "M" 105+50	N-PP-3		426					
"M" 105+50 TO "M" 110+50	N-PP-4	234	299					
"M" 110+50 TO "CR" 17+40	N-PP-5	411	412	1				
"CR" 10+81.21	N-PP-4					1		
"M" 92+00 TO "M" 100+50	N-C-8				2		1602	
"M" 100+50 TO "M" 109+78.13	N-C-9						1261	
TOTAL		645	1829	2	2	1	2863	359

EARTHWORK QUANTITIES

SHEET No.	LINE	STATION RANGE BEGIN	STATION RANGE END	ROADWAY EXCAVATION CY
N-PP-1	"M"	92+93.86	96+50	296
N-PP-2	"M"	96+50	100+50	410
N-PP-3	"M"	100+50	103+55	264
N-PP-4	"M"	105+76.28	110+50	774
N-PP-5	"M"/"CR"	110+50	16+87.17	~~121~~ **144**
TOTAL				~~1865~~ **1888** 1

MISCELLANEOUS QUANTITIES

SHEET No.	RESET BENCH	RESET TRASH RECEPTACLE	RECONSTRUCT DEAD END BARRICADE	REMOVE DEAD END BARRICADE	DEAD END BARRICADE 1	DETECTABLE WARNING SURFACE	PVC PIPE CONDUIT (SLEEVE) 4
	EA	EA	LF	LF	LF	SQFT	LF
N-PP-1			24	12			
N-PP-3					14		
N-PP-4					12		
N-PP-5	1	1				32	
N-MP-3							60
N-MP-6							15
TOTAL 4	1	1	24	12	26	32	75

SUMMARY OF QUANTITIES

N-Q-1

NO.	DATE REVISED	REVISED BY
4	4/15/25 ADDENDUM 4	AB
4	5/15/25 ADDENDUM 4	AB

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U: \18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-Q.dwg, 5/15/2025 11:37 AM

LAST REVISION 04-15-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 11:37 am

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes, DGN FILE => NE-R-Q.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	51	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REMOVE CONCRETE QUANTITIES

1

STATION	SHEET No.	REMOVE CONCRETE (CURB)	REMOVE CONCRETE (CURB AND GUTTER)	REMOVE CONCRETE SIDEWALK	REMOVE ASPHALT CONCRETE PAVEMENT	REMOVE CONCRETE BUS POCKET SLAB	DESCRIPTION/COMMENTS
		LF	LF	SQYD	SQYD	SQFT	
"M" 92+93.86 TO 93+35.53	N-PP-1				59		EXISTING AC AT SOUTH TIE-IN
"CR" 10+85.04 TO 13+07.72	N-PP-4/N-PP-5	226					
"CR" 13+07.72 TO 13+58.66	N-PP-5		51				
"CR" 15+02.18 TO 15+67.06	N-PP-5	87					MEDIAN CURB
"CR" 15+07.77 TO 15+87.50	N-PP-5	20		~~65~~ **70**		102	CURB RAMP 1 LOCATION
"CR" 15+53.15 TO 15+88.46	N-PP-5		35	24			CURB RAMP 2 LOCATION
TOTAL		~~226~~ **333**	~~51~~ **86**	~~65~~ **94**	59	102	

CONCRETE BARRIER QUANTITIES

STATION	SHEET No.	REMOVE BARRIER	TYPE 60M	REMOVE GUARDRAIL	VEGETATION CONTROL (MINOR CONCRETE)	ALTERNATIVE CRASH CUSHION
		LF	LF	LF	SQYD	EA
"CR" 10+78.35 TO 10+84.36	N-C-15	6				
"CR" 10+85.04 TO 11+46.77	N-PP-4			62		
"CR" 10+78.35 TO 11+95.22	N-PP-4		119			
"CR" 11+95.22 TO 12+73.56	N-PP-5		80			
"CR" 12+73.56	N-PP-5					1
"CR" 12+73.56 TO 13+06.80	N-PP-5				20	
TOTAL		6	199	62	20	1

MINOR CONCRETE QUANTITIES

1

STATION	SHEET No.	CURB	CURB AND GUTTER (TYPE A2-6 (Mod))	SIDEWALK	DRIVEWAY	CURB RAMP	BUS POCKET SLAB	DESCRIPTION/COMMENTS
		LF	CY	CY	CY	CY	CY	
"M" 93+47.57 TO 103+55.00	N-PP-1 TO N-PP-3	1008.9						PATH CURB (LEFT)
"M" 105+76.28 TO 106+50.00	N-PP-4	71.7						PATH CURB (LEFT)
"M" 93+47.57 TO 94+98.21	N-PP-1	149.6						PATH CURB (RIGHT)
"M" 94+98.21 TO 97+58.00	N-PP-1 TO N-PP-2	130.0						UNDER WOOD RAIL FENCE
"M" 98+26.35 TO 99+25.00	N-PP-2	50.0						UNDER WOOD RAIL FENCE
"M" 99+25.00 TO 103+55.00	N-PP-2 TO N-PP-3	434.5						PATH CURB (RIGHT)
"M" 110+37.39 TO 112+15.61	N-PP-4 TO N-PP-5	178.4						PATH CURB (LEFT)
"M" 111+10.94 TO 111+29.92	N-PP-5	19.0						PATH CURB (RIGHT)
"M" 111+82.45 TO 112+05.95	N-PP-5	24.1						PATH CURB (RIGHT)
"M" 111+63.45 TO 111+83.30	N-PP-5				2.9			MAINTENANCE RAMP
"CR" 11+50.67 TO 11+56.46	N-PP-4	6.0						CURB TYPE D-4
"CR" 12+43.61 TO 13+58.66	N-PP-5		6.8					CALLE REAL (LEFT)
"CR" 13+58.66 TO 15+68.98	N-PP-5			~~26.9~~ **25.6**				CALLE REAL ~~(LEFT)~~
"CR" 15+02.18 TO 15+67.06	N-PP-5	73.0						MEDIAN
"CR" 15+67.51 TO 15+87.50	N-PP-5	39.0				1.9	1.3	CURB RAMP 1, Ret CURB INCLUDED W/CURB
"CR" 15+53.15 TO 15+88.46	N-PP-5	21.0	2.1	0.9		1.5		CURB RAMP 2, Ret CURB INCLUDED W/CURB
TOTAL		~~2072.2~~ **2205.2**	~~6.8~~ **8.9**	~~26.9~~ **26.5**	2.9	3.4	1.3	

RETAINING WALL QUANTITIES

STATION	SHEET No.	FURNISH STEEL SHEET PILING	DRIVE STEEL SHEET PILING	STRUCTURE EXCAVATION (RETAINING WALL)	STRUCTURE BACKFILL (RETAINING WALL)	GEOSYNTHETIC REINFORCEMENT	CLASS 2 AGGREGATE BASE (CY)	RETAINING WALL STEM (TYPE 6)	STRUCTURAL CONCRETE, RETAINING WALL	CONCRETE SURFACE TEXTURE (FRACTURED FIN)	BAR REINFORCING STEEL (RETAINING WALL)	ANTI-GRAFFITI COATING	STEEL PEDESTRIAN RAILING	CABLE RAILING	DESCRIPTION/ COMMENTS
		SQFT	SQFT	CY	CY	SQYD	CY	SQFT	CY	SQFT	LB	SQFT	LF	LF	
"M" 97+58.00 TO 98+26.35	N-PP-2			214	122				43		6994		66		"RW1" TYPE 1A (CASE 1)
"M" 105+76.28 TO 106+46.00	N-PP-4	525	525	~~180~~ **250**	~~121~~ **127**	**139**	**64**		54		5779		72		"RW3" TYPE 1A (CASE 2)
"M" 108+50.00 TO 108+88.24	N-PP-4			219	129	45	45		42		5104		40		"RW4" TYPE 1A (CASE 2)
"M" 108+88.24 TO 110+38.73	N-PP-4			674	187	3			172	1366	18633	1583	152		"RW4" TYPE 7B (Mod)
"M" 110+38.73 TO 111+10.94	N-PP-4/N-PP-5							364		280		364	72		"RW4" TYPE 6A (CASE 1)
"M" 108+50.00 TO 109+00.40	N-PP-4			406	186	74	71		86	493	10229	599		48	"RW5" TYPE 1 (CASE 2)
"M" 109+00.40 TO 110+37.39	N-PP-4			378	194				83	844	13075	1018		136	"RW5" TYPE 1A (CASE 1)
TOTAL		525	525	~~2071~~ **2141**	~~939~~ **945**	~~119~~ **258** 3	~~116~~ **180**	364	480	2983	59814	3564	402	184	

SUMMARY OF QUANTITIES

N-Q-2

133

REVISED BY	DATE REVISED
EC	4/30/25 ⚠3 ADDENDUM 3

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-Q.dwg, 4/30/2025 2:18 PM

LAST REVISION 04-15-25
DATE PLOTTED => Apr 30, 2025
TIME PLOTTED => 2:18 pm

BORDER LAST REVISED 7/2/2010
USERNAME => ecisneros
DGN FILE => NE-R-Q.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	52	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

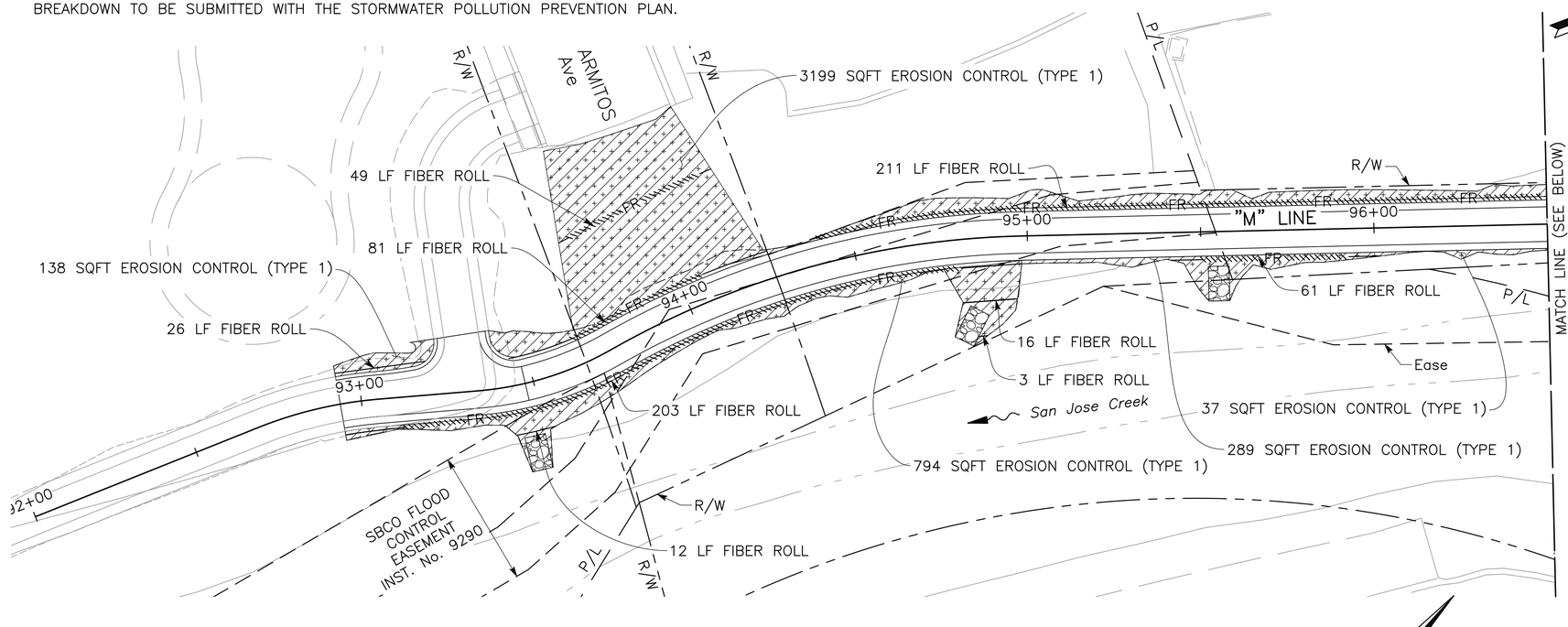
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

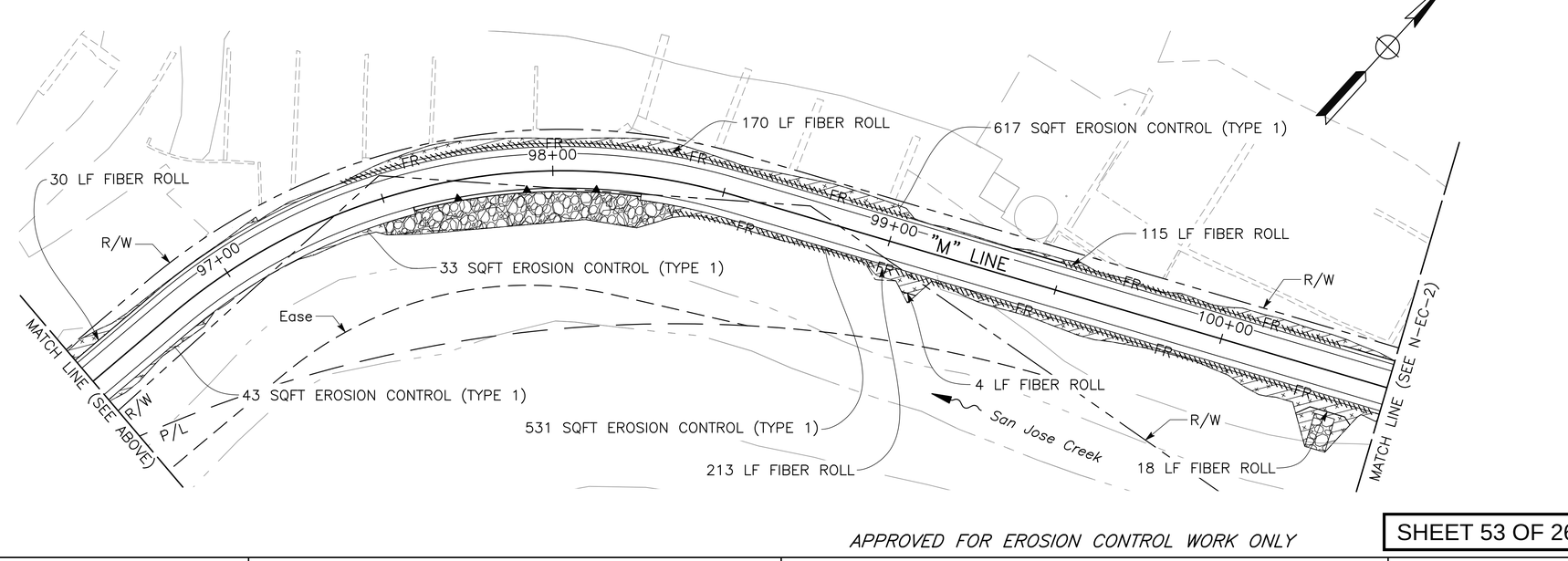
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PLACE AND MAINTAIN EROSION CONTROL BMP'S IN CONFORMANCE WITH CALIFORNIA STATE WATER RESOURCES CONTROL BOARD (CSWRCB) CONSTRUCTION ACTIVITIES STORMWATER GENERAL PERMIT ORDER NO. 2022-0057-DWQ (SEPTEMBER 1, 2023).
3. EROSION CONTROL PLANS ARE CONCEPTUAL IN NATURE AND ARE PROVIDED FOR BIDDING PURPOSES ONLY. THEY DO NOT REFLECT THE ONLY EROSION CONTROL BMP'S NECESSARY FOR THE WORK. THE CONTRACTOR SHALL PREPARE HIS OWN EROSION CONTROL PLANS AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN TO BE SUBMITTED FOR APPROVAL AND SHALL INCLUDE ALL NECESSARY BMP'S IN THE COST BREAKDOWN TO BE SUBMITTED WITH THE STORMWATER POLLUTION PREVENTION PLAN.

EROSION CONTROL (TYPE 1)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE	DEPTH
STEP 1	DRY SEED	SEED	SEED MIX 1	72 LB/ACRE	1/4"
STEP 2	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A		





LEGEND:

- CUT
- FILL
- FIBER ROLL
- ROLLED EROSION CONTROL PRODUCT (NETTING)
- SEED MIX
- ROCK SLOPE PROTECTION

SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	APPLICATION RATE (LBS/ACRE)
BROMUS CARINATUS (CALIFORNIA BROME)	92	25.0
ELYMUS TRITICOIDES (ALKALI RYEGRASS)	85	15.0
CAREX BARBARAE (SANTA BARBARA SEDGE)	64	5.0
ESCHSCHOLZIA CALIFORNICA (CALIFORNIA POPPY)	86	1.0
HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNIA BARLEY)	68	10.0
FESTUCA MICROSTACHYS (SMALL FESCUE)	83	4.0
ACHILLEA MILLEFOLIUM (YARROW)	77	1.0
AMSINCKIA MENZIESII (COMMON FIDDLENECK)	72	10.0
LASTHENIA CALIFORNICA (CALIFORNIA GOLDFIELDS)	53	1.0
TOTAL		72.0

APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 53 OF 262

EROSION CONTROL PLAN

SCALE: 1"=20'

N-EC-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
SUPERVISOR: JOSE SILVA
CONSULTANT FUNCTIONAL
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:04 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-EC1-EC3.dwg, 3/26/2025 11:04 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-EC1-EC3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE
RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	53	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

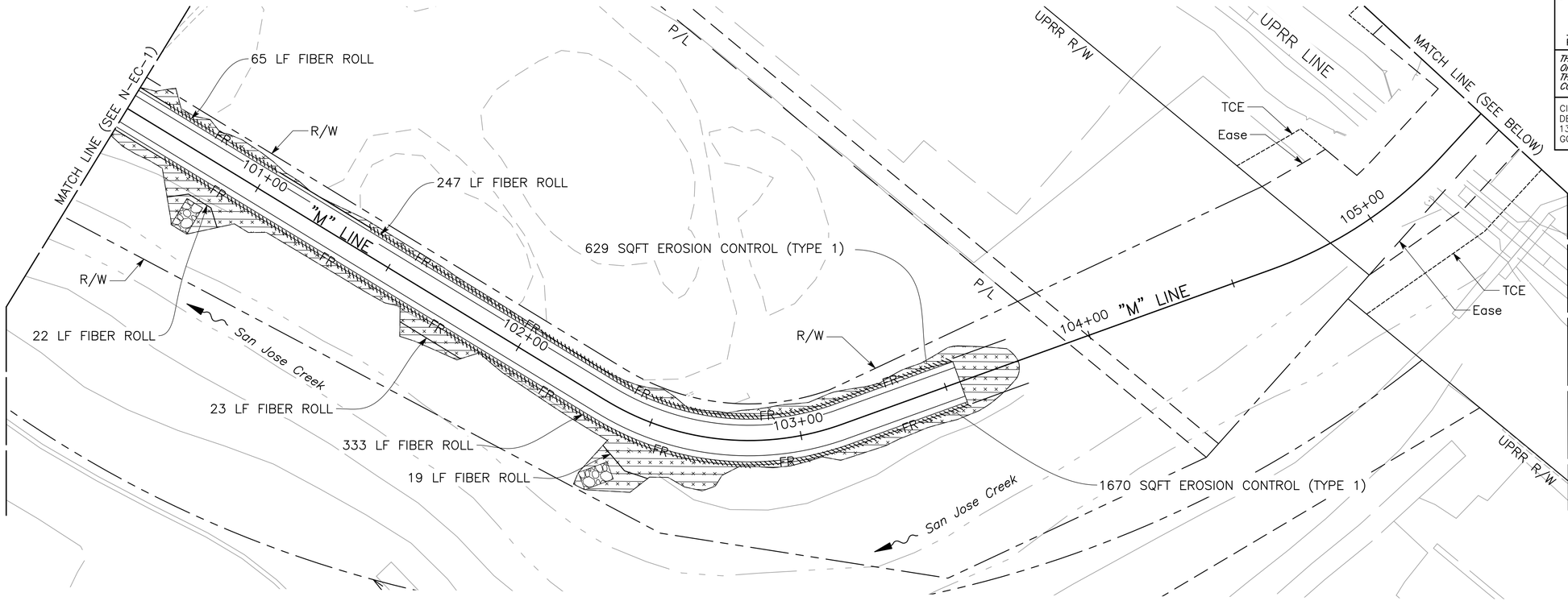
REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

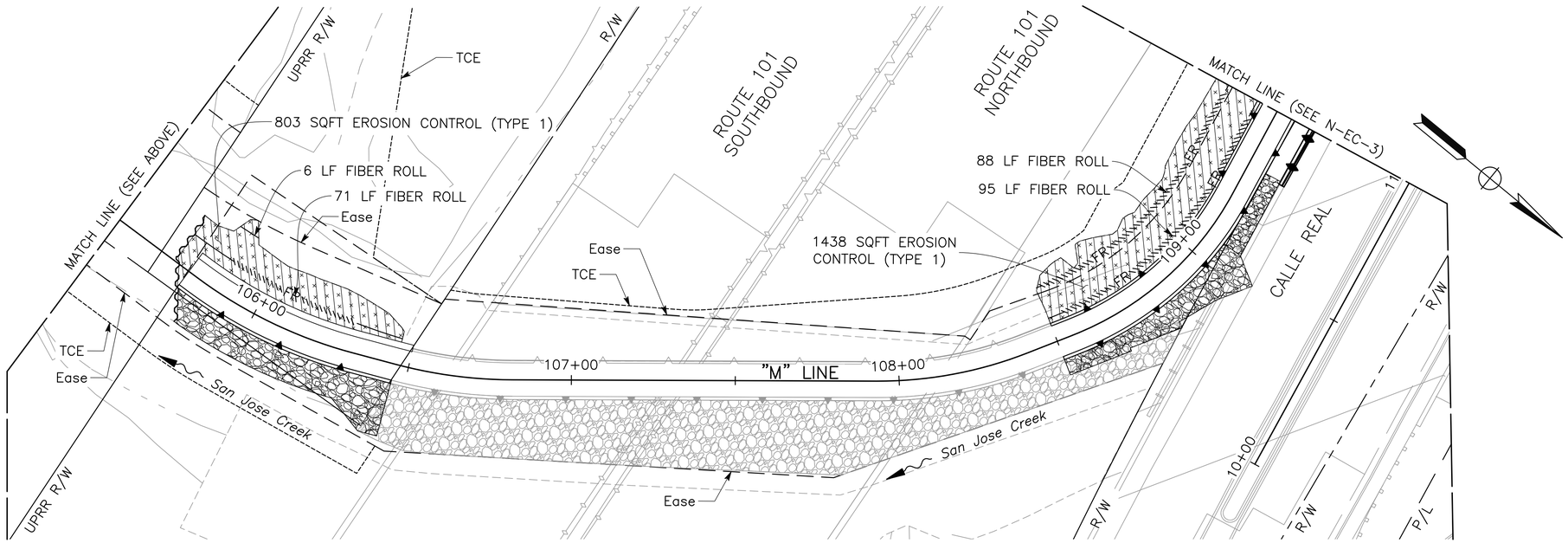
March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 54 OF 262

EROSION CONTROL PLAN

SCALE: 1"=20'

N-EC-2

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE
RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	54	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

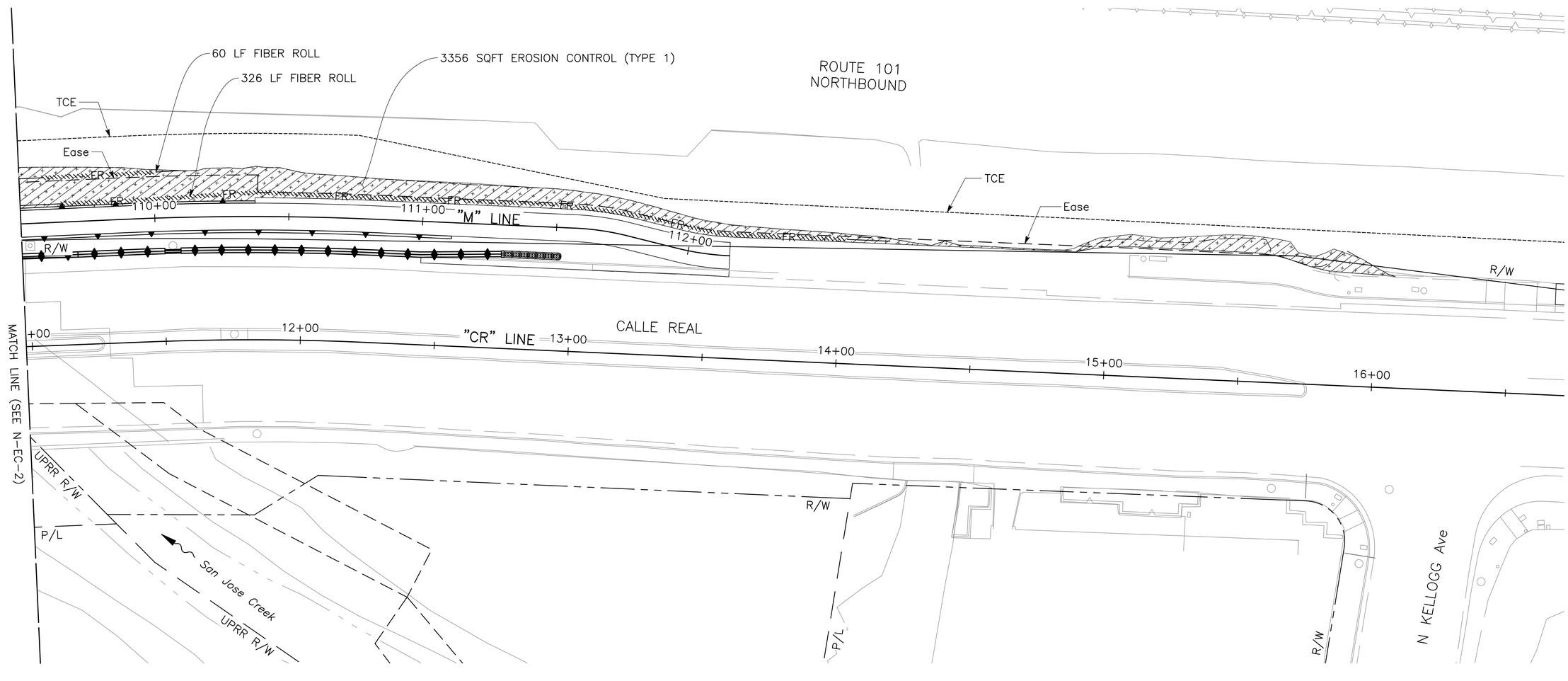
REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 55 OF 262

EROSION CONTROL PLAN

SCALE: 1"=20'

N-EC-3

REVISED BY	A. BOYES	CALCULATED-DESIGNED BY
DATE REVISED	J. SILVA	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:04 am

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-EC1-EC3.dwg, 3/26/2025 11:04 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-EC1-EC3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	55	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

EROSION CONTROL QUANTITIES

SHEET NO.	LINE	BEG STA.	END STA.	MOVE IN/MOVE OUT (EROSION CONTROL)	FIBER ROLL	EROSION CONTROL (TYPE 1)	
						DRY SEED	ROLLED EROSION CONTROL PRODUCT (NETTING)
				EA	LF	SQFT	SQFT
N-EC-1	"M"	92+00.00	100+50.00		1212	5681	5681
N-EC-2	"M"	100+50.00	109+50.00		969	4540	4540
N-EC-3	"M"/"CR"	109+50.00	16+07.09		386	3356	3356
TOTAL				2	2567	13577	13577

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-ECQ.dwg, 3/26/2025 11:05 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
SUPERVISOR:
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:05 am

EROSION CONTROL QUANTITIES
N-ECQ-1

SHEET 56 OF 262

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-ECQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	56	80

REGISTERED CIVIL ENGINEER — DATE: 03-14-25

March 14, 2025

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE DONE IN CONFORMANCE WITH THE CITY OF GOLETA STANDARDS, THE 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE ENGINEER IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL REMEDIAL ACTION CAN BE TAKEN. ANY COSTS RESULTING FROM THE CONTRACTOR'S FAILURE TO REPORT OR FAILURE TO STOP WORK AS DIRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL OVERHEAD AND UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL "DIG ALERT" AT 811, 2 WORKING DAYS PRIOR TO ANY EXCAVATION.
4. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION FOR FOUNDATIONS.
5. THE LOCATION OF ALL PULL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLAN.
7. CONTRACTOR SHALL VERIFY EXISTING STREET LIGHTING SYSTEM IN THE FIELD. INSTALL CONDUIT AND CONDUCTORS TO MATCH EXISTING TYPE AND SIZE.

STANDARD NOTES:

- AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- CC CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
- RL RELOCATE EQUIPMENT
- SC SPLICE NEW TO EXISTING CONDUCTORS

LEGEND:

EXISTING STREET LIGHT

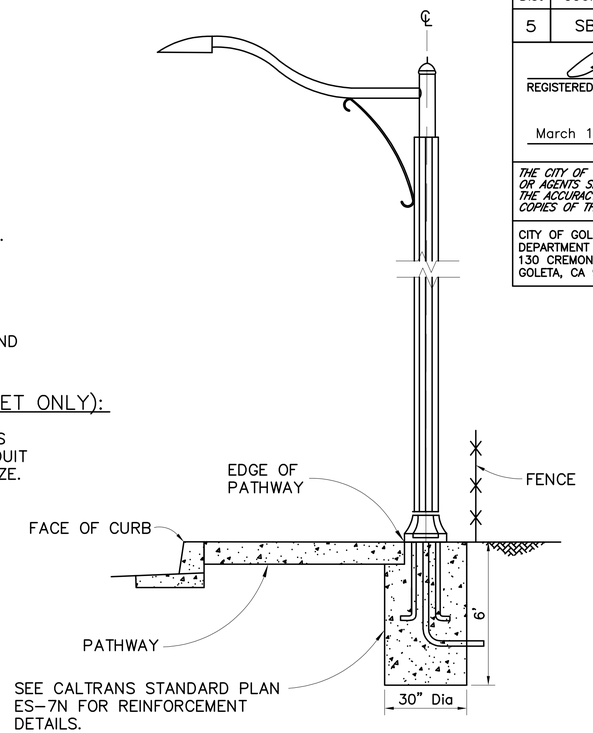
RELOCATED STREET LIGHT

LEGEND (FOR THIS SHEET ONLY):

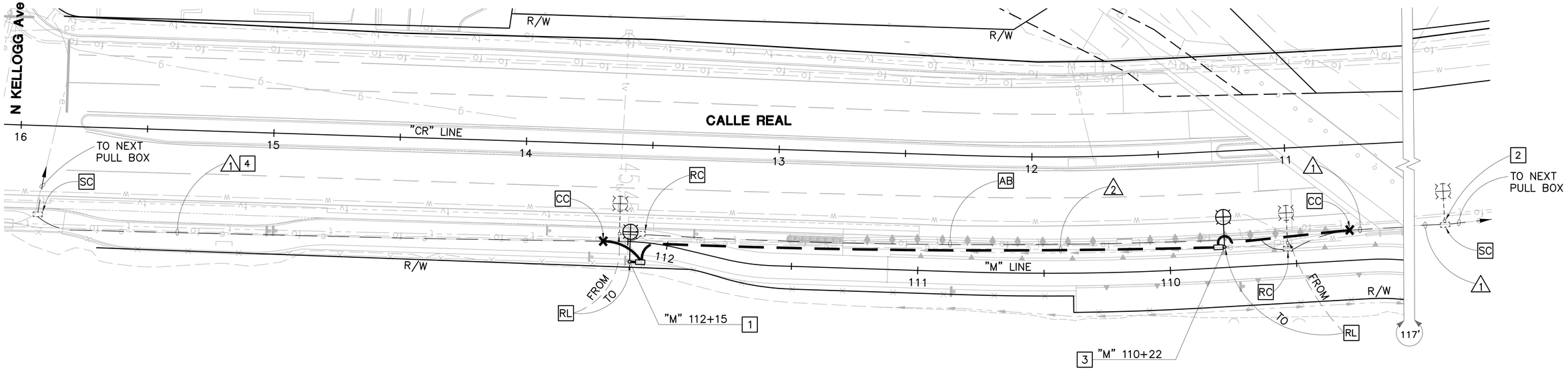
1. SEE DETAIL A ON THIS SHEET FOR POLE LOCATION.
2. EXISTING STREET LIGHT TO REMAIN.
3. SEE SHEET N-RW-6 FOR POLE LOCATION.
4. CONTRACTOR SHALL PROTECT EXISTING CONDUIT AND CONDUCTORS IN PLACE DURING CONSTRUCTION.

CONDUIT AND CONDUCTORS (FOR THIS SHEET ONLY):

1. EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL NEW CONDUCTORS TO EXISTING CONDUIT TO MATCH EXISTING CONDUCTORS NUMBER AND SIZE.
2. 2"C, INSTALL CONDUCTORS TO MATCH EXISTING CONDUCTORS NUMBER AND SIZE.



DETAIL A
LIGHTING POLE LOCATION
NO SCALE



MODIFYING LIGHTING SYSTEM

SCALE: 1"=20'

N-E-1

SHEET 57 OF 262

LAST REVISION	DATE PLOTTED => Feb 21, 2025
03-14-25	TIME PLOTTED => 11:08 am

REVISED BY	DATE REVISED
ANSON HUYNH	KIN CHAN

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: DAN YAU

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

O:\Project\2019\109119 San Jose Creek Bike Path\Northern Segment\E-1 Relocating Light.dwg, 2/21/2025 11:08 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => ahuynh | DGN FILE => E-1 Relocating Light.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

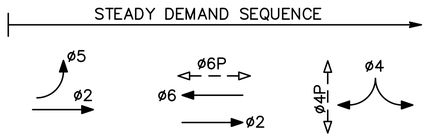
LEGEND (FOR THIS SHEET ONLY):

1. EXISTING TYPE 170 CONTROLLER ASSEMBLY. ADD LOAD SWITCH FOR ø4P PED SIGNAL. ADD ISOLATION FOR ø4P APS.
2. EXISTING TYPE III–A SERVICE EQUIPMENT ENCLOSURE.
3. REPROGRAM VIDEO DETECTION ZONE AS SHOWN.
4. INSTALL CONDUIT INTO EXISTING PULL BOX.

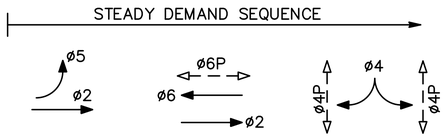
ABBREVIATIONS:

GPS GLOBAL POSITIONING SYSTEM

EVD EMERGENCY VEHICLE DETECTOR



EXISTING PHASE DIAGRAM
GPS EVD



PROPOSED PHASE DIAGRAM
GPS EVD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	56A	80

REGISTERED CIVIL ENGINEER — 04/09/25 DATE

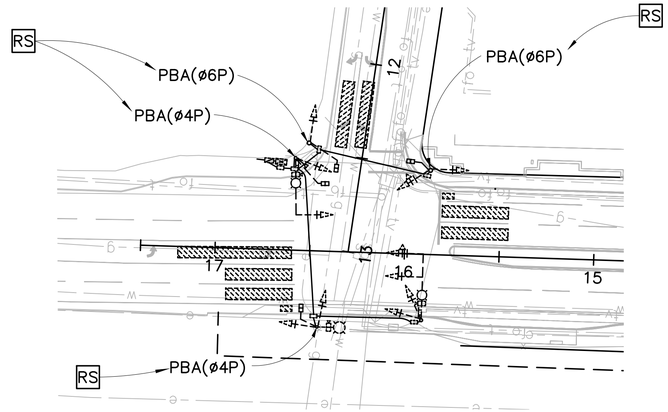
APRIL 09, 2025
PLANS APPROVAL DATE

KIN Y. CHAN No. 55391 Exp. 12/31/26 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

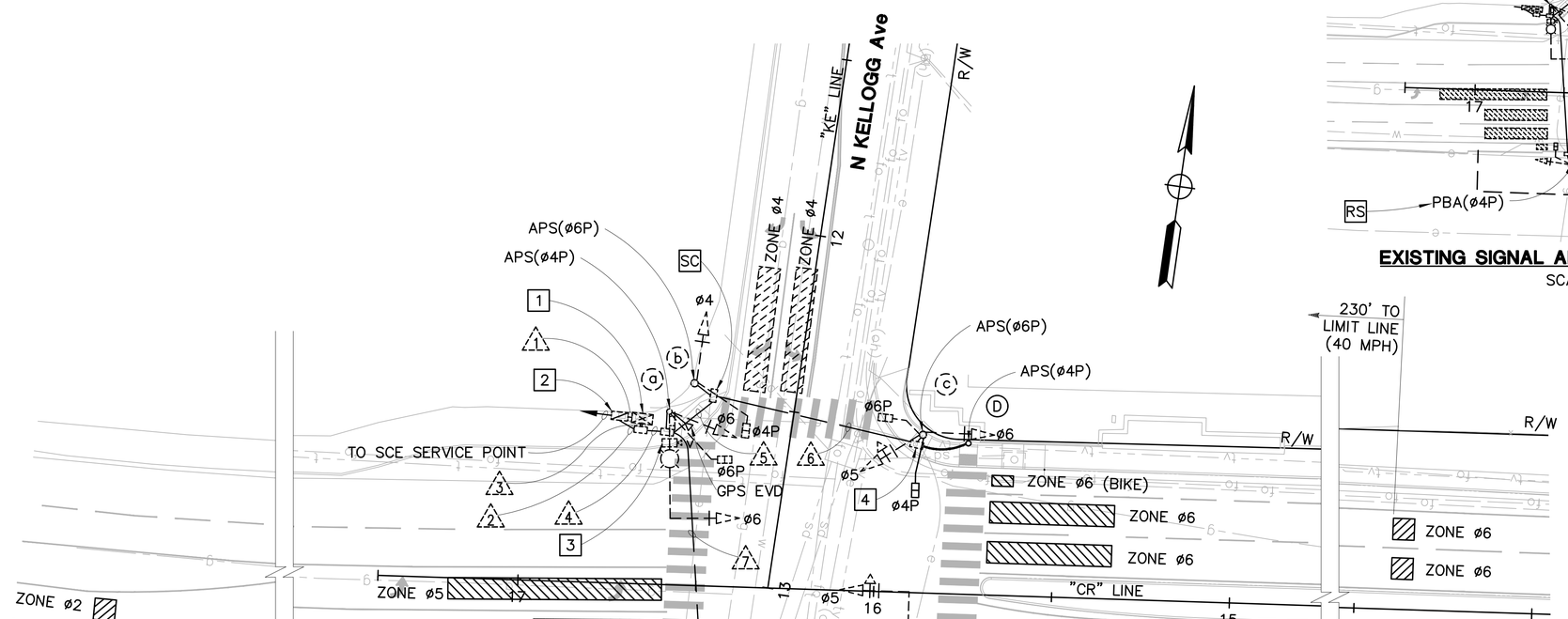
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827



EXISTING SIGNAL AND LIGHTING REMOVAL PLAN
SCALE: 1"=40'



MODIFYING SIGNAL AND LIGHTING SYSTEM

SCALE: 1"=20'

SHEET 57A OF 262

N-E-2

REVISED BY	DATE REVISED
1	4-9-2025

CALCULATED–DESIGNED BY: ANSON HUYNH
CHECKED BY: KIN CHAN
CONSULTANT FUNCTIONAL SUPERVISOR: DAN YAU
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION: DATE PLOTTED => Apr 23, 2025 TIME PLOTTED => 2:06 pm

O:\Project\2019\109119 San Jose Creek Bike Path\Northern Segment\E-2 Signal.dwg, 4/23/2025 2:06 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => ahuynh DGN FILE => E-2 Signal.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	56B	80

REGISTERED CIVIL ENGINEER — DATE 04/09/25

KIN Y. CHAN No. 55391 Exp. 12/31/26 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

APRIL 09, 2025
PLANS APPROVAL DATE

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

CONDUCTOR AND CONDUIT SCHEDULE

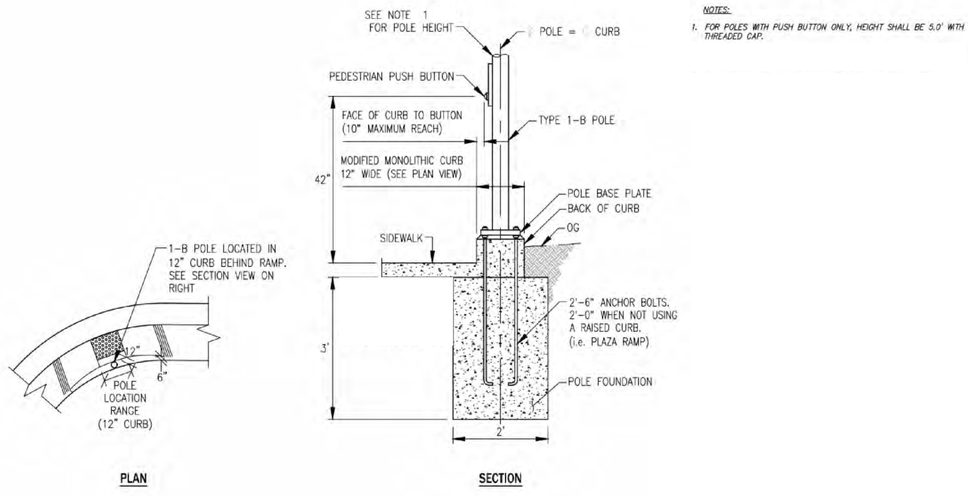
CONDUCTOR SCHEDULE	No. OF CONDUCTORS RUN NUMBER 1	2	3	4	5	6	7	8	9
No. 14 CONDUCTORS									
ø2			3	3			3	3	
ø4			6	6	3		3	3	
ø5			6	6	3	3	3	3	
ø6			3	3	3	3			
ø4P			2 / 2+	2 / 2+	2	2+	2	2+	
ø6P			2	2	2	2			
APS ø4P			2 / 2+	2 / 2+	2+	2+	2	2+	2
APS ø6P			2	2	2	2			
SPARES			6	6	3	3	3	3	
TOTAL No. 14			42	42	22	17	20	16	2
No 10. SIGNAL COMMON			2	2	1	1	1	1	
No. 10 LIGHTING		4		2			2	2	
TOTAL No. 10		4	2	4	1	1	3	3	
No. 8 CONTROLLER SERVICE	2								
APS CABLE					2+				1
VIDEO DETECTION CAMERA CABLE			3	3			2	1	
GPS EVUD CABLE			1	1					
CONDUIT SIZE (INCHES)	2	2	3	3	1½"	3	3	1½"	2
NEW/EXISTING CONDUIT (N/E)	E	E	E	E	E	E	E	E	N
% FILL	4	4	23	24	29	5	12	31	3

"+" = INSTALL NEW CONDUCTORS/CABLES IN EXISTING CONDUIT.

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD TYPE	SMA	LMA	VEH SIG MTG MAST ARM	VEH SIG MTG POLE	PED SIGNAL MTG	APS ø	APS ARROW	LED LUMINAIRE (WATTAGE)	REMARKS
(a)	EXISTING SIGNAL STANDARD	30'	12'	MAS	SV–1–T	SP–1–T	4P	LEFT	64 W	SEE NOTE [3] ON SHEET E–2.
(b)	EXISTING 1–A				TV–1–T	SP–1–T	6P	RIGHT		
(c)	EXISTING 1–A				TV–2–T	SP–2–T	6P	LEFT		
(D)	1–B (MODIFIED)						4P	RIGHT		SEE DETAIL A ON THIS SHEET.
(E)	2 POST						4P	LEFT		
(f)	EXISTING SIGNAL STANDARD	35'	12'	MAS / MAS	SV–2–TA	SP–1–T			64 W	SEE NOTE [3] ON SHEET E–2.
(g)	EXISTING SIGNAL STANDARD		12'		SV–2–TA	SP–1–T	4P	LEFT	64 W	

= INSTALL NEW EQUIPMENT TO EXISTING POLE.



NOTES:
1. FOR POLES WITH PUSH BUTTON ONLY, HEIGHT SHALL BE 5.0' WITH THREADED CAP.

DETAIL A
MODIFIED TYPE 1–B POLE
NO SCALE

MODIFYING SIGNAL AND LIGHTING SYSTEM

NO SCALE

SHEET 57B OF 262

N-E-3

REVISED BY	DATE REVISED
1	4–9–2025

ANSON HUYNH — CALCULATED–DESIGNED BY
KIN CHAN — CHECKED BY
DAN YAU — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04–09–25
DATE PLOTTED => Apr 23, 2025
TIME PLOTTED => 2:06 pm

O:\Project\2019\109119 San Jose Creek Bike Path\Northern Segment\E–2 Signal.dwg, 4/23/2025 2:06 PM

BORDER LAST REVISED 7/2/2010 | USERNAME =>ahuynh | DGN FILE => E–2 Signal.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	57	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SAN JOSE CREEK AT JONNY D. WALLIS PARK
MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023) AND TREE INVENTORY AND PROTECTION PLAN (RINCON, FEBRUARY 2025)

1. INSTALLATION AND MAINTENANCE ACTIVITIES WILL BE PERFORMED BY A QUALIFIED AND CITY–APPROVED RESTORATION CONTRACTOR UNDER THE DIRECTION OF THE CITY–APPROVED RESTORATION BIOLOGIST PER THE MITIGATION PLAN FOR THE SAN JOSE CREEK MULTI–PURPOSE PATH – NORTHERN AND SOUTHERN SEGMENTS (RINCON, NOVEMBER 2023), AS WELL AS THE RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION (RINCON 2024).

2. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED IN THE FIELD BY CITY–APPROVED RESTORATION BIOLOGIST.

3. MITIGATION APPROACH

A. RE–ESTABLISHMENT OF 0.07 ACRE OF RIPARIAN WOODLAND WILL OCCUR WITHIN JONNY D. WALLIS PARK ALONG SAN JOSE CREEK (EXCLUDING THE ACTIVE CHANNEL), WITHIN THE AREAS WHERE NON–NATIVE TREES AND UNDERSTORY WILL BE REMOVED. UP TO 24 RIPARIAN TREES WILL BE INSTALLED AS 1–GALLON CONTAINERS OR ½–GALLON TREE TUBES AT 10–FOOT SPACING. HERBS AND SHRUBS WILL BE INSTALLED AS 1–GALLON OR 4–INCH CONTAINERS AT 5–FOOT SPACING. SEE TABLE ON SHEET N–MP–2 FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS. NON–NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

B. MITIGATION FOR PERMANENT IMPACT TO RIPARIAN TREES WILL OCCUR ALONG THE EDGE OF THE EXISTING RIPARIAN CANOPY WITHIN THE PARK GROUNDS WHERE AN UNMAINTAINED OR SEMI–NATURAL UNDERSTORY OCCURS. SPECIFICALLY, THESE AREAS INCLUDE PARK GROUNDS ALONG THE EXISTING FOOTPATHS WHERE THE UNDERSTORY IS COMPRISED OF INSTALLED LANDSCAPE OR ORNAMENTAL NATIVE PLANTS AND MINIMALLY MAINTAINED BY WEEDING AND/OR MULCHING. UP TO 8 RIPARIAN TREES WILL BE INSTALLED AS 15–GALLON CONTAINERS, 1–GALLON CONTAINERS, OR ½–GALLON TREE TUBES AT 10–FOOT SPACING. IF AVAILABLE, THE 15–GALLON SIZE IS PREFERRED FOR THE PARK GROUNDS AND WILL BE INSTALLED. SEE TABLE ON SHEET N–MP–2 FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS. NON–NATIVE PLANTS WILL BE REMOVED WITHIN A 3–FOOT RADIUS FROM EACH MITIGATION TREE AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

4. SOURCE OF PLANT MATERIALS

A. A QUALIFIED NATIVE NURSERY IN COORDINATION WITH THE CITY–APPROVED RESTORATION BIOLOGIST WILL GATHER PLANT STOCK, E.G., SEEDS AND CUTTINGS. THE NATIVE PLANT MATERIAL USED FOR REVEGETATION WILL PRIMARILY BE COLLECTED FROM THE SAN JOSE CREEK AND DEVEREUX CREEK WATERSHEDS. IF SUFFICIENT PLANT MATERIAL CANNOT BE COLLECTED FROM THIS AREA ALONE, PLANT MATERIAL FROM THE SANTA BARBARA COAST SOUTH OF THE SANTA YNEZ MOUNTAINS BETWEEN CARPINTERIA AND GAVIOTA WILL BE USED. SPECIFICALLY, THE EXISTING WESTERN SYCAMORE X LONDON PLANE HYBRID TREES THAT WILL BE REMOVED AND REPLACED WITH WESTERN SYCAMORES AT JONNY D. WALLIS PARK WILL BE LOCALLY SOURCED FROM CUTTINGS COLLECTED FROM KNOWN PURE GENETIC STOCK, E.G., THE SISTER WITNESS TREE.

5. SITE PREPARATION

A. PRIOR TO PLANT INSTALLATION, A QUALIFIED CITY–APPROVED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL REMOVE NON–NATIVE PLANTS AT THE MITIGATION SITES. NON–NATIVE PLANTS WILL BE REMOVED PRIMARILY USING HAND REMOVAL METHODS, SUCH AS HAND–HELD WEED WHIPS, LOPPERS, AND HOES. IF HAND REMOVAL IS NOT FEASIBLE DUE TO SPECIES RESISTANCE TO HAND REMOVAL METHODS, THE SIZE OF THE PLANT, OR THE NUMBER OF PLANTS, PERENNIAL INVASIVE NON–NATIVE SPECIES MAY BE TREATED WITH HERBICIDES IN ACCORDANCE WITH SECTION 2.1.4 OF THE MITIGATION PLAN.

B. ONE GOLDENRAIN TREE AT JONNY D. WALLIS PARK WILL NEED TO BE REMOVED/TREATED PRIOR TO RESTORATION INSTALLATION, PER THE MITIGATION PLAN. DEPENDENT UPON THE CITY'S NEED FOR SAFETY AND PROTECTING EXISTING INFRASTRUCTURE AT THE PARK OR PROTECTING NATIVE PLANTS THAT MAY BE PRESENT AT THE SITE, THE TREES MAY BE REMOVED OR GIRDLED AND LEFT IN PLACE. FOR THOSE TREES THAT CAN BE REMOVED, STUMP GRINDING OR SIMILAR METHOD WILL BE USED TO REMOVE MOST OF THE TRUNK TO GROUND LEVEL OR TO 6–12 INCHES BELOW GROUND LEVEL IF POSSIBLE. HOLES WILL THEN BE MADE MECHANICALLY WITHIN THE ROOT ZONE TO ALLOW FOR NATIVE PLANTS TO BE INSTALLED. IF THE STUMP CAN BE REMOVED TO 6–12 INCHES BELOW GROUND LEVEL, SOIL WILL BE PLACED IN THE HOLE AND PLANTS WILL BE INSTALLED THERE AS WELL. TREES MAY BE CHIPPED ON–SITE, AND CHIPPED TREES MAY BE USED AS MULCH AFTER THEY HAVE DRIED OUT. FOR THOSE TREES THAT CAN BE GIRDLED, GIRDLING WILL OCCUR BY REMOVING THE BARK AROUND THE ENTIRE CIRCUMFERENCE OF THE TRUNK, THEREBY PREVENTING TRANSPORT OF WATER AND NUTRIENTS, AND KILLING THE TREE. THESE TREES WILL BE LEFT IN PLACE TO MINIMIZE ANY FURTHER DISTURBANCE TO NATIVE PLANTS THAT WOULD RESULT FROM REMOVAL, TO PROVIDE HABITAT FOR NESTING BIRDS AND OTHER WILDLIFE AS THEY DECAY, AND TO PROVIDE EVENTUAL STRUCTURE IN THE CREEK BOTTOM ONCE THEY BREAK DOWN (A HABITAT VALUE THAT IS CURRENTLY LACKING IN THE CREEK).

C. VEGETATION WITH POTENTIAL TO CONTAIN BIRD NESTS WILL NOT BE REMOVED DURING THE BREEDING BIRD SEASON (APPROXIMATELY FEBRUARY 1 THROUGH AUGUST 31) UNLESS A CITY–APPROVED BIOLOGIST DETERMINES THAT IT DOES NOT CONTAIN ACTIVE BIRD NESTS. TREE REMOVAL WILL NOT OCCUR DURING THE MONARCH BUTTERFLY AGGREGATION SEASON (APPROXIMATELY OCTOBER 1 THROUGH MARCH 31) IF AGGREGATING MONARCHS ARE PRESENT.

D. IF DEEMED NECESSARY, THE RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL EROSION CONTROL MATERIALS PER SECTION 2.1.7 OF THE MITIGATION PLAN, ALTHOUGH PROBLEMATIC EROSIONAL ISSUES ARE NOT EXPECTED TO OCCUR AS THERE ARE NO ISSUES PRESENTLY ON–SITE. EROSION CONTROL DEVICES MAY INCLUDE HAY BALES AT THE BASE OF SLOPES, JUTE NETTING, COCONUT FIBER MATS, FIBER ROLLS, AND/OR STRAW WATTLE. EROSION CONTROL MATERIALS CONTAINING PLASTICS WILL NOT BE USED DUE TO THE HAZARDS THEY POSE TO WILDLIFE. EROSION CONTROL MATERIALS SHALL BE WEED FREE.

E. THE IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED BY THE RESTORATION CONTRACTOR, WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST, PER THE SPECIFICATIONS NOTED BELOW AND PER THE MITIGATION PLAN.

6. PLANT INSTALLATION METHODS

A. A QUALIFIED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL PLANTS TO COINCIDE WITH THE FIRST MAJOR WINTER STORM (APPROXIMATELY OCTOBER TO DECEMBER) WHEN SOIL CONDITIONS ARE MOIST. THE CITY–APPROVED RESTORATION BIOLOGIST WILL DETERMINE PRECISE PLANTING LOCATIONS IN THE FIELD.

B. HOLES FOR THE 1–GAL CONTAINER PLANTS WILL BE DUG BY HAND USING A SHOVEL, HANG AUGER, OR SIMILAR DEVICE. HOLES FOR THE LARGER TREES IN THE PARK GROUNDS OF JONNY D. WALLIS PARK WILL BE DUG WITH MEDIUM OR LIGHT–DUTY EQUIPMENT AS NEEDED. CARE WILL BE TAKEN NOT TO DISTURB THE ROOT BALL, STEMS, OR BRANCHES WHEN INSTALLING EACH CONTAINER PLANT. THE SOIL WILL BE BACKFILLED SO AS NOT TO LEAVE ANY AIR SPACES AROUND THE CONTAINER PLANT SOIL AND ROOTS. PLANTING PITS WILL BE BACKFILLED WITH NATIVE SOIL SO THAT THE SOIL SURFACE OF THE CONTAINER PLANT IS LEVEL WITH THE GROUND. IF SOIL CONDITIONS INDICATE THAT SOIL AMENDMENTS SUCH AS BIOCHAR, MYCORRHIZAE INOCULUM, OR SIMILAR IS NEEDED, THEY WILL BE EMPLOYED.

C. AFTER INSTALLATION, MULCH WILL BE PLACED AROUND EACH PLANT TO PREVENT NON–NATIVE PLANTS FROM ESTABLISHING AND TO HELP INCREASE SOIL MOISTURE. MULCH WILL BE PLACED AROUND EACH CONTAINER PLANT AT A DEPTH OF 2 TO 3 INCHES. MULCH WILL BE PLACED IN A 2–FOOT RADIUS FOR TREES AND A 1–FOOT RADIUS FOR OTHER SPECIES. MULCH SHALL NOT BE ALLOWED TO CONTACT THE TRUNKS OF PLANTED TREES AS THIS CAN LEAD TO FUNGAL DEVELOPMENT AND ROT. IF APPLICABLE, MULCH ORIGINATING FROM THE NON–NATIVE ON–SITE TREES WILL BE ALLOWED SOME TIME TO DRY AND THEN WILL BE USED AROUND INSTALLED PLANTS AS FEASIBLE. ADDITIONAL BARK MULCH ORIGINATING FROM SANTA BARBARA, SUCH AS MULCH AVAILABLE FROM THE COUNTY'S SOUTH COAST RECYCLING AND TRANSFER STATION, MAY BE ACQUIRED AS NEEDED. MULCH SHOULD BE ORGANIC, AND MULCH DERIVED FROM EUCALYPTUS SPECIES SHALL BE AVOIDED UNLESS IT HAS BEEN CURED FOR A SUBSTANTIAL AMOUNT OF TIME. ALL PURCHASED MULCH WILL BE FREE OF ARGENTINE ANTS.

D. EACH CONTAINER PLANT WILL BE IMMEDIATELY WATERED UNTIL SOIL SATURATION IS REACHED BY A DRIP EMITTER SYSTEM IF FEASIBLE OR BY HAND IF WATER CONNECTIONS ARE NOT AVAILABLE. LONG TERM IRRIGATION WILL BE APPLIED AS DESCRIBED IN SECTION 2.3.3 OF THE MITIGATION PLAN.

4

7. IRRIGATION

A. THE IRRIGATION SOURCE WILL BE A TEMPORARY PRESSURIZED WATER TANK, OR AS DETERMINED BY THE RESTORATION CONTRACTOR. THE RESTORATION CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING THE WATER FOR IRRIGATION.

B. ~~A.~~ A TEMPORARY ABOVE GROUND IRRIGATION SYSTEM WILL BE INSTALLED THROUGHOUT THE MITIGATION SITES AS FEASIBLE. THE IRRIGATION SYSTEM WILL BE SET UP TO TARGET INDIVIDUAL PLANTS VIA DRIP EMITTERS AND WILL AVOID WATERING IN BETWEEN THE PLANTS TO HELP PREVENT THE GROWTH OF NON–NATIVES.

~~B. THE CITY OF GOLETA WILL SUPPLY THE WATER FOR IRRIGATION AND DESIGNATE THE WATER SOURCE. THE IRRIGATION SOURCE WILL BE THE IRRIGATION MAIN LATERAL LINE LOCATED AT JONNY D. WALLIS PARK.~~

C. THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATED CONTROLLERS, AND WILL BE WEATHER SENSOR COMPATIBLE. PRIMARY LINES WILL BE OF 2–INCH–DIAMETER SCHEDULE (OR LARGER DIAMETER IF DEEMED NECESSARY BY THE RESTORATION CONTRACTOR) 40 POLYVINYL CHLORIDE (PVC).

D. THE CITY–APPROVED RESTORATION BIOLOGIST WILL ESTABLISH AN IRRIGATION SCHEDULE IN CONJUNCTION WITH THE QUALIFIED RESTORATION CONTRACTOR. IRRIGATION WILL BE SCHEDULED TO MAXIMIZE GROWTH OF NATIVE SPECIES AND WILL ACCOUNT FOR NATURAL RAINFALL, WHILE MINIMIZING GROWTH OF INVASIVE NON–NATIVE PLANTS. GENERALLY, IF IRRIGATION IS NEEDED, IT WILL BE PROVIDED TO A GREATER EXTENT DURING THE GROWING SEASON (WINTER AND SPRING) TO MIMIC SEASONAL WEATHER PATTERNS, WITH MINIMAL IRRIGATION PROVIDED AS NEEDED DURING THE SUMMER AND FALL TO KEEP PLANTS ALIVE.

8. ADDITIONAL TREE PLANTING RECOMMENDATIONS PER TREE INVENTORY AND PROTECTION PLAN (RINCON 2025)

A. TREES (PARTICULARLY OAKS) SHOULD BE PLANTED OUTSIDE THE TPZ OF EXISTING PROTECTED TREES AND DRIPLINE OF OTHER TREES, TO THE EXTENT FEASIBLE.

B. REPLACEMENT TREES SHOULD BE INSPECTED BY A HORTICULTURALIST, ARBORIST, OR PROFESSIONAL LANDSCAPE FOR PESTS, DISEASE, OR STRUCTURAL ISSUES PRIOR TO PLANTING.

C. PLANTING HOLES SHOULD BE AT LEAST TWICE THE DIAMETER AND THE SAME DEPTH AS THE ROOT BALL. SLIGHTLY BACKFILL THE HOLE AND PLANT THE TREE SO THAT THE BUTTRESS IS SLIGHTLY ABOVE GRADE TO ALLOW FOR SETTLING. PLANTED TREES WILL NOT SURVIVE IF THEY ARE PLANTED TOO DEEP.

D. CREATE A TREE WELL APPROXIMATELY 2 TO 3 FEET AROUND EACH TREE TO RETAIN IRRIGATION WATER THROUGHOUT THE MONITORING PERIOD.

E. SUPPORT STAKES SHOULD BE INSTALLED AS NEEDED TO PREVENT TREES FROM FALLING OVER DUE TO HIGH WINDS AND REMOVED AS SOON AS IT IS DETERMINED THAT THE TREE HAS ESTABLISHED A SUPPORTIVE ROOT STRUCTURE.

F. NATIVE TREES SHOULD BE PRUNED BACK ONLY TO REMOVE BROKEN LIMBS OR DEAD WOOD. IT MAY BE NECESSARY AFTER THE FIRST YEAR TO CONDUCT CORRECTIVE PRUNING TO HELP TRAIN OR BALANCE THE INDIVIDUAL TREE CROWNS. OTHERWISE, PRUNING SHOULD NOT BE PERFORMED. INDUSTRY STANDARD ARBORIST PRUNING PRACTICES SHOULD BE FOLLOWED FOR ALL PRUNING ACTIVITIES. OAK TREE PRUNING SHOULD OCCUR DURING COOL WEATHER CONDITIONS, TYPICALLY FROM MID–NOVEMBER TO MID–FEBRUARY TO PREVENT TREE STRESS.

REVISED BY	DATE REVISED
AB	5/15/25 ⚠4 ADDENDUM 4

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04-15-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 3:09 pm

MITIGATION PLANTING PLAN
N-MP-1

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–MP1–MP6.dwg, 5/15/2025 3:09 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE–R–MP1–MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NATIVE PLANT PALETTE - JONNY D. WALLIS PARK

Scientific Name	Common Name	Quantity[1]
Riparian Trees[2]		
Juglans californica	Southern California black walnut	3
Platanus racemosa	Western sycamore	4
Populus trichocarpa	black cottonwood	11
Quercus agrifolia	coast live oak	3
Salix lasiolepis	arroyo willow	3
Subtotal		**Up to 24**
Shrubs		
Baccharis salicifolia	mulefat	8
Frangula californica	California coffeeberry	7
Heteromeles arbutifolia	toyon	7
Lonicera subspicata var. *subspicata*	Santa Barbara honeysuckle	4
Phacelia ramossisima	branching phacelia	7
Sambucus mexicana (*S. nigra*)	blue elderberry	4
Subtotal		**37**
Grasses, Forbs, and Vines		
Artemisia douglasiana	mugwort	3
Bromus carinatus	California brome	6
Carex barbarae	Santa Barbara sedge	3
Clematis ligusticifolia	creek clematis	3
Distichlis spicata	saltgrass	3
Elymus condensatus	giant wild rye	3
Elymus triticoides	alkali ryegrass	3
Euthamia occidentalis	Western goldenrod	3
Hordeum brachyantherum subsp. *californicum*	California barley	3
Juncus patens	common California rush	3
Juncus phaeocephalus	brown-headed rush	3
Juncus textilis	Basket rush	3
Juncus xiphioides	iris-leaved rush	3
Rosa californica	California rose	3
Rubus ursinus	California blackberry	3
Salvia spathacea	hummingbird sage	3
Scrophularia californica	California figwort	3
Solidago velutina subsp. *californica*	velvety goldenrod	3
Verbena lasiostachys	verbena	3
Subtotal		**61**
Total		**122**

[1] In the re-establishment area, riparian trees will be installed as 1-gallon containers or ½-gallon tree tubes at 10-foot spacing. In the park grounds, riparian trees will be installed as 15-gallon containers, 1-gallon containers, or ½-gallon tree tubes at 10-foot spacing. Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These species and quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

[2] The native trees that will be installed in the park grounds, outside of the re-establishment area, are included in the quantities.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	58	80

REGISTERED CIVIL ENGINEER — DATE 03-14-25

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CALCULATED–DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY | DATE REVISED

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE–R–MP1–MP6.dwg, 3/26/2025 11:05 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:05 am

MITIGATION PLANTING PLAN

N-MP-2

SHEET 59 OF 262

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE–R–MP1–MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	59	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

April 15, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670



JONNY D. WALLIS PARK LOCATION

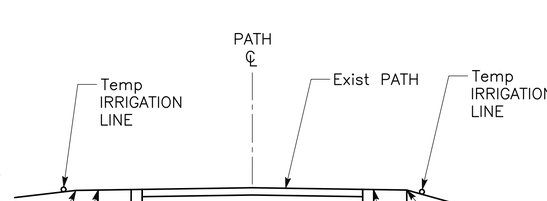
LEGEND:

- RIPARIAN RE-ESTABLISHMENT (0.07 ACRES)
- RIPARIAN ENHANCEMENT (0.22 ACRES)
- PROPOSED MITIGATION TREES
- PREVIOUSLY INSTALLED TREES

4

NOTE:

FOR IRRIGATION CROSSOVER DETAIL, SEE SHEET N-C-22.



SECTION A-A
NO SCALE

MITIGATION PLANTING PLAN

SCALE: 1"=50'

N-MP-3

REVISED BY	DATE REVISED
AB	5/15/25 ADDENDUM 4

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 04-15-25
DATE PLOTTED => May 15, 2025
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BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-MP1-MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	60	80

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 04-15-25 DATE

April 15, 2025
PLANS APPROVAL DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670

SAN JOSE CREEK ALONG THE NORTHERN SEGMENT OF PATHWAY MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023) AND TREE INVENTORY AND PROTECTION PLAN (RINCON, FEBRUARY 2025)

1. INSTALLATION AND MAINTENANCE ACTIVITIES WILL BE PERFORMED BY A QUALIFIED AND CITY–APPROVED RESTORATION CONTRACTOR UNDER THE DIRECTION OF THE CITY–APPROVED RESTORATION BIOLOGIST PER THE MITIGATION PLAN FOR THE SAN JOSE CREEK MULTI–PURPOSE PATH – NORTHERN AND SOUTHERN SEGMENTS (RINCON, NOVEMBER 2023), AS WELL AS THE RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION (RINCON 2024).

2. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED IN THE FIELD BY THE CITY–APPROVED RESTORATION BIOLOGIST. FOR THE TREES TO BE INSTALLED ALONG CALLE REAL, THE ACTUAL PLANT INSTALLATION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE CALTRANS LANDSCAPE ARCHITECT IN CONJUNCTION WITH THE CITY–APPROVED RESTORATION BIOLOGIST.

3. MITIGATION APPROACH

A. RE–ESTABLISHMENT OF 0.37 ACRE OF RIPARIAN WOODLAND WILL OCCUR ALONG SAN JOSE CREEK ROW (EXCLUDING THE ACTIVE CHANNEL) IMMEDIATELY ADJACENT TO AND EAST OF THE PROJECT SITE, WITHIN THE AREAS WHERE NATIVE AND NON–NATIVE TREES WILL BE REMOVED FOR THE PROJECT AND WHERE LARGE PATCHES OF GIANT REED WILL BE REMOVED. UP TO 111 RIPARIAN TREES WILL BE INSTALLED AS 1–GALLON CONTAINERS OR ½–GALLON TREE TUBES AT 10–FOOT SPACING. THIS QUANTITY OF TREES INCLUDES THOSE THAT WILL BE INSTALLED WITHIN THE TEMPORARY IMPACT AREAS. NATIVE HERBS AND SHRUBS WILL BE INSTALLED AS 1–GALLON OR 4–INCH CONTAINERS AT 5–FOOT SPACING. SEE TABLE ON SHEET N–MP–5 FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS. NON–NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

B. MITIGATION FOR PERMANENT IMPACT TO UPLAND TREES WILL OCCUR ALONG CALLE REAL, SOUTH OF THE PATH, NORTH OF U.S. ROUTE 101, AND WEST OF SAN JOSE CREEK. MITIGATION WILL OCCUR WITHIN THE CALTRANS EASEMENT FOR U.S. ROUTE 101, SPECIFICALLY IN THE UPLAND TEMPORARY IMPACT AREA ALONG THE SOUTH SIDE OF THE PATH. TWENTY COAST LIVE OAK TREES WILL BE INSTALLED AS 15–GALLON CONTAINERS OR 24–INCH OR 36–INCH BOXES AT APPROXIMATELY 10 TO 15–FOOT SPACING ON–CENTER. THE COAST LIVE OAKS WILL ALSO SERVE AS VISUAL SCREENING FOR THE RESIDENTIAL AND COMMERCIAL PROPERTIES IN THE IMMEDIATE VICINITY. NON–NATIVE PLANTS WILL BE REMOVED WITHIN A 3–FOOT RADIUS FROM EACH MITIGATION TREE AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

C. UP TO 0.24 ACRES OF TEMPORARY IMPACTS MAY OCCUR DURING CONSTRUCTION ALONG THE PATH WITHIN THE RIPARIAN HABITAT. INDIVIDUAL RIPARIAN TREES WILL BE INSTALLED IN THESE AREAS AS DESCRIBED ABOVE IN THE RIPARIAN RE–ESTABLISHMENT SECTION; QUANTITIES ARE INCLUDED THEREIN. HERBS AND SHRUBS WILL ALSO BE INSTALLED TO PROVIDE NATIVE COVER AND HELP REDUCE POTENTIAL EROSION ISSUES. THE INSTALLATION APPROACH WILL BE SIMILAR TO THAT DESCRIBED ABOVE IN THE RIPARIAN RE–ESTABLISHMENT SECTION. QUANTITIES ARE NOT PROVIDED HEREIN AS THE TEMPORARY IMPACT AREAS ARE DEPENDENT UPON THE FINAL FOOTPRINT OF CONSTRUCTION.

4. SOURCE OF PLANT MATERIALS

A. THE LARGE COAST LIVE OAKS INSTALLED ALONG THE PATH ALONG CALLE REAL AS VISUAL SCREENING WILL BE COMMERCIALLY AVAILABLE CALIFORNIA NATIVES WITH RELATIVELY LOW RESTRICTIONS FOR THE GENETIC REQUIREMENTS. FOR THE REMAINDER AND THE MAJORITY OF THE PLANT STOCK, A QUALIFIED NATIVE NURSERY IN COORDINATION WITH THE CITY–APPROVED RESTORATION BIOLOGIST WILL GATHER PLANT STOCK, E.G., SEEDS AND CUTTINGS. THE NATIVE PLANT MATERIAL USED FOR REVEGETATION WILL PRIMARILY BE COLLECTED FROM THE SAN JOSE CREEK AND DEVEREUX CREEK WATERSHEDS. IF SUFFICIENT PLANT MATERIAL CANNOT BE COLLECTED FROM THIS AREA ALONE, PLANT MATERIAL FROM THE SANTA BARBARA COAST SOUTH OF THE SANTA YNEZ MOUNTAINS BETWEEN CARPINTERIA AND GAVIOTA WILL BE USED.

5. SITE PREPARATION

A. PRIOR TO PLANT INSTALLATION, A QUALIFIED CITY–APPROVED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL REMOVE NON–NATIVE PLANTS AT THE MITIGATION SITES. NON–NATIVE PLANTS WILL BE REMOVED PRIMARILY USING HAND REMOVAL METHODS, SUCH AS HAND–HELD WEED WHIPS, LOPPERS, AND HOES. IF HAND REMOVAL IS NOT FEASIBLE DUE TO SPECIES RESISTANCE TO HAND REMOVAL METHODS, THE SIZE OF THE PLANT, OR THE NUMBER OF PLANTS, PERENNIAL INVASIVE NON–NATIVE SPECIES MAY BE TREATED WITH HERBICIDES IN ACCORDANCE WITH SECTION 2.1.4 OF THE MITIGATION PLAN.

B. VEGETATION WITH POTENTIAL TO CONTAIN BIRD NESTS WILL NOT BE REMOVED DURING THE BREEDING BIRD SEASON (APPROXIMATELY FEBRUARY 1 THROUGH AUGUST 31) UNLESS A CITY–APPROVED BIOLOGIST DETERMINES THAT IT DOES NOT CONTAIN ACTIVE BIRD NESTS.

C. IF DEEMED NECESSARY, THE RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL EROSION CONTROL MATERIALS PER SECTION 2.1.7 OF THE MITIGATION PLAN, ALTHOUGH PROBLEMATIC EROSIONAL ISSUES ARE NOT EXPECTED TO OCCUR AS THERE ARE NO ISSUES PRESENTLY ON–SITE. EROSION CONTROL DEVICES MAY INCLUDE HAY BALES AT THE BASE OF SLOPES, JUTE NETTING, COCONUT FIBER MATS, FIBER ROLLS, AND/OR STRAW WATTLE. EROSION CONTROL MATERIALS CONTAINING PLASTICS WILL NOT BE USED DUE TO THE HAZARDS THEY POSE TO WILDLIFE. EROSION CONTROL MATERIALS SHALL BE WEED FREE.

D. THE IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED BY THE RESTORATION CONTRACTOR, WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST, PER THE SPECIFICATIONS NOTED BELOW AND PER THE MITIGATION PLAN.

6. PLANT INSTALLATION METHODS

A. A QUALIFIED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL PLANTS TO COINCIDE WITH THE FIRST MAJOR WINTER STORM (APPROXIMATELY OCTOBER TO DECEMBER) WHEN SOIL CONDITIONS ARE MOIST. THE CITY–APPROVED RESTORATION BIOLOGIST WILL DETERMINE PRECISE PLANTING LOCATIONS IN THE FIELD.

B. HOLES FOR THE 1–GAL CONTAINER PLANTS WILL BE DUG BY HAND USING A SHOVEL, HANG AUGER, OR SIMILAR DEVICE. HOLES FOR THE LARGER TREES ALONG CALLE REAL WILL BE DUG WITH MEDIUM OR LIGHT–DUTY EQUIPMENT AS NEEDED. CARE WILL BE TAKEN NOT TO DISTURB THE ROOT BALL, STEMS, OR BRANCHES WHEN INSTALLING EACH CONTAINER PLANT. THE SOIL WILL BE BACKFILLED SO AS NOT TO LEAVE ANY AIR SPACES AROUND THE CONTAINER PLANT SOIL AND ROOTS. PLANTING PITS WILL BE BACKFILLED WITH NATIVE SOIL SO THAT THE SOIL SURFACE OF THE CONTAINER PLANT IS LEVEL WITH THE GROUND. IF SOIL CONDITIONS INDICATE THAT SOIL AMENDMENTS SUCH AS BIOCHAR, MYCORRHIZAE INOCULUM, OR SIMILAR IS NEEDED, THEY WILL BE EMPLOYED.

C. AFTER INSTALLATION, MULCH WILL BE PLACED AROUND EACH PLANT TO PREVENT NON–NATIVE PLANTS FROM ESTABLISHING AND TO HELP INCREASE SOIL MOISTURE. MULCH WILL BE PLACED AROUND EACH CONTAINER PLANT AT A DEPTH OF 2 TO 3 INCHES. MULCH WILL BE PLACED IN A 2–FOOT RADIUS FOR TREES AND A 1–FOOT RADIUS FOR OTHER SPECIES. MULCH SHALL NOT BE ALLOWED TO CONTACT THE TRUNKS OF PLANTED TREES AS THIS CAN LEAD TO FUNGAL DEVELOPMENT AND ROT. IF APPLICABLE, MULCH ORIGINATING FROM THE NON–NATIVE ON–SITE TREES WILL BE ALLOWED SOME TIME TO DRY AND THEN WILL BE USED AROUND INSTALLED PLANTS AS FEASIBLE. ADDITIONAL BARK MULCH ORIGINATING FROM SANTA BARBARA, SUCH AS MULCH AVAILABLE FROM THE COUNTY'S SOUTH COAST RECYCLING AND TRANSFER STATION, MAY BE ACQUIRED AS NEEDED. MULCH SHOULD BE ORGANIC, AND MULCH DERIVED FROM EUCALYPTUS SPECIES SHALL BE AVOIDED UNLESS IT HAS BEEN CURED FOR A SUBSTANTIAL AMOUNT OF TIME. ALL PURCHASED MULCH WILL BE FREE OF ARGENTINE ANTS.

D. EACH CONTAINER PLANT WILL BE IMMEDIATELY WATERED UNTIL SOIL SATURATION IS REACHED BY A DRIP EMITTER SYSTEM IF FEASIBLE OR BY HAND IF WATER CONNECTIONS ARE NOT AVAILABLE. LONG TERM IRRIGATION WILL BE APPLIED AS DESCRIBED IN SECTION 2.3.3 OF THE MITIGATION PLAN.

7. IRRIGATION

A. FOR THE NORTHERN SECTION OF THE PATHWAY, FROM ITS SOUTHERN TERMINUS TO U.S. HIGHWAY 101, THE IRRIGATION SOURCE WILL BE A TEMPORARY PRESSURIZED WATER TANK OR WATER TRUCK STAGED AT THE SOUTHERN TERMINUS OF THE PATH WHERE IT MEETS ARMITOS ROAD, ON THE WEST SIDE OF THE SAN JOSE CREEK OR AS DETERMINED BY RESTORATION CONTRACTOR. A TEMPORARY ABOVE GROUND IRRIGATION SYSTEM WILL BE INSTALLED THROUGHOUT THE MITIGATION SITES AS FEASIBLE. THE IRRIGATION SYSTEM WILL BE SET UP TO TARGET INDIVIDUAL PLANTS VIA DRIP EMITTERS AND WILL AVOID WATERING IN BETWEEN THE PLANTS TO HELP PREVENT THE GROWTH OF NON–NATIVES. 4

~~B. THE CITY OF GOLETA WILL SUPPLY THE WATER FOR IRRIGATION AND DESIGNATE THE WATER SOURCE. FOR THE NORTHERN SECTION OF THE PATHWAY, FROM ITS SOUTHERN TERMINUS TO U.S. HIGHWAY 101, THE IRRIGATION SOURCE WILL BE THE IRRIGATION MAIN LATERAL LINE LOCATED AT ARMITOS PARK. FOR THE UPLAND TREES ALONG CALLE REAL, THE IRRIGATION SOURCE WILL BE THE SAME AS WHAT THE CITY USES FOR THE STREET MEDIAN IMMEDIATELY TO THE NORTH.~~ 4

B. ~~C.~~ THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATED CONTROLLERS, AND WILL BE WEATHER SENSOR COMPATIBLE. PRIMARY LINES WILL BE OF 2–INCH–DIAMETER SCHEDULE (OR LARGER DIAMETER IF DEEMED NECESSARY BY THE RESTORATION CONTRACTOR) 40 POLYVINYL CHLORIDE (PVC).

C. FOR THE UPLAND TREES ALONG CALLE REAL, THE IRRIGATION SOURCE WILL BE WATERING BY HAND USING TREE WATERING BAGS OR AS DETERMINED BY RESTORATION CONTRACTOR.

D. THE RESTORATION CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING THE WATER FOR IRRIGATION.

E. ~~D.~~ THE CITY–APPROVED RESTORATION BIOLOGIST WILL ESTABLISH AN IRRIGATION SCHEDULE IN CONJUNCTION WITH THE QUALIFIED RESTORATION CONTRACTOR. IRRIGATION WILL BE SCHEDULED TO MAXIMIZE GROWTH OF NATIVE SPECIES AND WILL ACCOUNT FOR NATURAL RAINFALL, WHILE MINIMIZING GROWTH OF INVASIVE NON–NATIVE PLANTS. GENERALLY, IF IRRIGATION IS NEEDED, IT WILL BE PROVIDED TO A GREATER EXTENT DURING THE GROWING SEASON (WINTER AND SPRING) TO MIMIC SEASONAL WEATHER PATTERNS, WITH MINIMAL IRRIGATION PROVIDED AS NEEDED DURING THE SUMMER AND FALL TO KEEP PLANTS ALIVE.

8. ADDITIONAL TREE PLANTING RECOMMENDATIONS PER TREE INVENTORY AND PROTECTION PLAN (RINCON 2025)

A. TREES (PARTICULARLY OAKS) SHOULD BE PLANTED OUTSIDE THE TPZ OF EXISTING PROTECTED TREES AND DRIPLINE OF OTHER TREES, TO THE EXTENT FEASIBLE.

B. REPLACEMENT TREES SHOULD BE INSPECTED BY A HORTICULTURALIST, ARBORIST, OR PROFESSIONAL LANDSCAPE FOR PESTS, DISEASE, OR STRUCTURAL ISSUES PRIOR TO PLANTING.

C. PLANTING HOLES SHOULD BE AT LEAST TWICE THE DIAMETER AND THE SAME DEPTH AS THE ROOT BALL. SLIGHTLY BACKFILL THE HOLE AND PLANT THE TREE SO THAT THE BUTTRESS IS SLIGHTLY ABOVE GRADE TO ALLOW FOR SETTLING. PLANTED TREES WILL NOT SURVIVE IF THEY ARE PLANTED TOO DEEP.

D. CREATE A TREE WELL APPROXIMATELY 2 TO 3 FEET AROUND EACH TREE TO RETAIN IRRIGATION WATER THROUGHOUT THE MONITORING PERIOD.

E. SUPPORT STAKES SHOULD BE INSTALLED AS NEEDED TO PREVENT TREES FROM FALLING OVER DUE TO HIGH WINDS AND REMOVED AS SOON AS IT IS DETERMINED THAT THE TREE HAS ESTABLISHED A SUPPORTIVE ROOT STRUCTURE.

F. NATIVE TREES SHOULD BE PRUNED BACK ONLY TO REMOVE BROKEN LIMBS OR DEAD WOOD. IT MAY BE NECESSARY AFTER THE FIRST YEAR TO CONDUCT CORRECTIVE PRUNING TO HELP TRAIN OR BALANCE THE INDIVIDUAL TREE CROWNS. OTHERWISE, PRUNING SHOULD NOT BE PERFORMED. INDUSTRY STANDARD ARBORIST PRUNING PRACTICES SHOULD BE FOLLOWED FOR ALL PRUNING ACTIVITIES. OAK TREE PRUNING SHOULD OCCUR DURING COOL WEATHER CONDITIONS, TYPICALLY FROM MID–NOVEMBER TO MID–FEBRUARY TO PREVENT TREE STRESS.

	REVISED BY	DATE REVISED
CALCULATED–DESIGNED BY	AB	5/15/25 △4 ADDENDUM 4
CHECKED BY	A. BOYES	
	J. SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => May 15, 2025
TIME PLOTTED => 12:08 pm

MITIGATION PLANTING PLAN

N-MP-4

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE–R–MP1–MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NATIVE PLANT PALETTE - SAN JOSE CREEK ALONG THE NORTHERN SEGMENT OF PATHWAY

Scientific Name	Common Name	Quantity[1]
Riparian Trees[2]		
Juglans californica	Southern California black walnut	3
Platanus racemosa	Western sycamore	30
Populus trichocarpa	black cottonwood	32
Quercus agrifolia	coast live oak	6
Salix lasiolepis	arroyo willow	37
Umbellularia californica	California bay	3
Subtotal		**Up to 111**
Shrubs		
Baccharis salicifolia	mulefat	39
Frangula californica	California coffeeberry	38
Heteromeles arbutifolia	toyon	38
Lonicera subspicata var. *subspicata*	Santa Barbara honeysuckle	20
Phacelia ramossisima	branching phacelia	38
Sambucus mexicana (*S. nigra*)	blue elderberry	20
Subtotal		**193**
Grasses, Forbs, and Vines		
Artemisia douglasiana	mugwort	17
Bromus carinatus	California brome	41
Carex barbarae	Santa Barbara sedge	17
Clematis ligusticifolia	creek clematis	17
Distichlis spicata	saltgrass	17
Elymus condensatus	giant wild rye	17
Elymus triticoides	alkali ryegrass	17
Euthamia occidentalis	Western goldenrod	17
Hordeum brachyantherum subsp. *californicum*	California barley	17
Juncus patens	common California rush	17
Juncus phaeocephalus	brown-headed rush	17
Juncus textilis	Basket rush	17
Juncus xiphioides	iris-leaved rush	17
Rosa californica	California rose	17
Rubus ursinus	California blackberry	17
Salvia spathacea	hummingbird sage	17
Scrophularia californica	California figwort	17
Solidago velutina subsp. *californica*	velvety goldenrod	17
Verbena lasiostachys	verbena	17
Subtotal		**340**
Total		**645**

TBD = To be determined

[1] Riparian trees will be installed as 1-gallon containers or ½-gallon tree tubes at 10-foot spacing. Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

[2] The native trees that will be installed in the temporary impact areas are included in the quantities.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	61	80

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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GOLETA, CA 93117

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RANCHO CORDOVA, CA 95670

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED

\\vran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-MP1-MP6.dwg, 3/26/2025 11:05 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:05 am

MITIGATION PLANTING PLAN

N-MP-5

BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-MP1-MP6.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

REGISTERED CIVIL ENGINEER — 04-15-25 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

April 15, 2025
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RANCHO CORDOVA, CA 95670

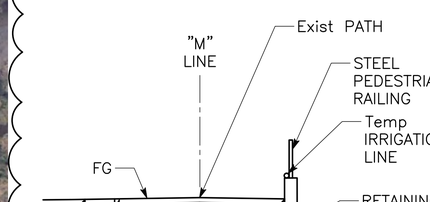


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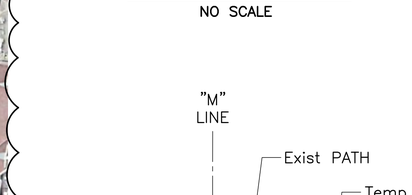
- RIPARIAN RE-ESTABLISHMENT (0.37 ACRES)
- RIPARIAN ENHANCEMENT (0.25 ACRES)
- PROPOSED MITIGATION TREES

NOTES:

1. COAST LIVE OAK (Typ), CONTAINER SIZE PER "RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION" DOCUMENT
2. FOR IRRIGATION CROSSOVER DETAIL, SEE SHEET N-C-22.



SECTION B-B
NO SCALE



SECTION C-C
NO SCALE

SAN JOSE CREEK AT NORTHERN SEGMENT LOCATION

MITIGATION PLANTING PLAN

SCALE: 1"=50'

N-MP-6

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
A. BOYES	J. SILVA	AB	5/15/25 ⚠4 ADDENDUM 4

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\NE-R-MP1-MP6.dwg, 5/15/2025 12:08 PM

LAST REVISION 04-15-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 12:08 pm

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	63	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 36372
Exp. 06/30/26
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALTRANS STANDARD PLANS DATED 2023

STANDARD PLAN SHEET No.

DETAIL No.

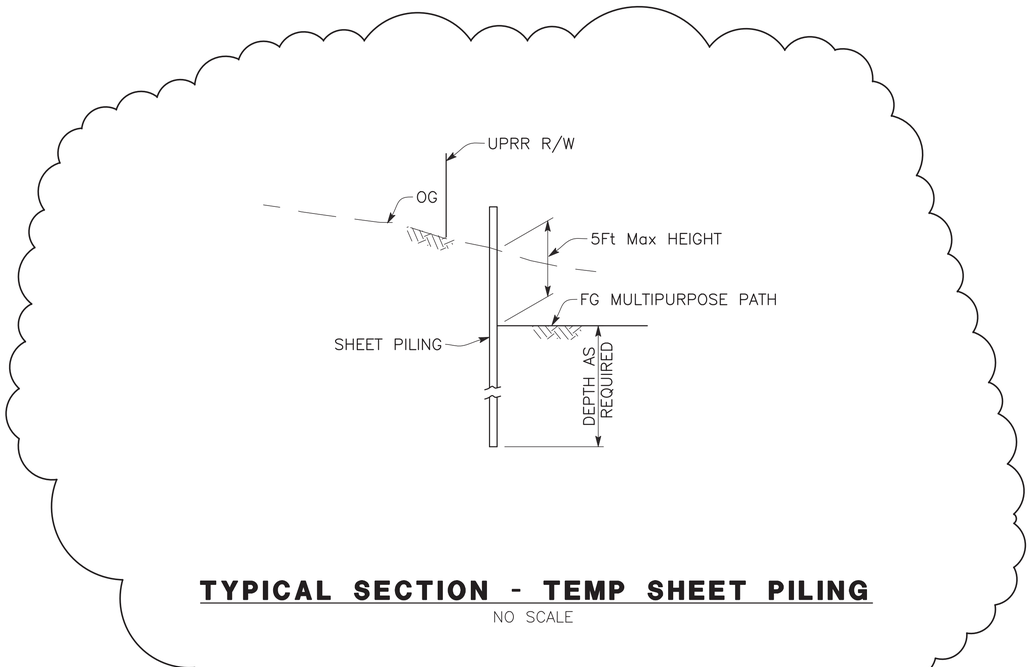
SHALLOW FOUNDATION DATA TABLE

Structure ID	Segment (ft)		Wall Type	Max. Design Height (ft)	Service Limit State Permissible Net Contract Stress (ksf)	Stress Gross Nominal Bearing Resistance for Controlling Load Case, $\emptyset_b$ = 0.55 (ksf)	Extreme Event Gross Nominal Bearing Resistance $\emptyset_b$ = 0.80 (ksf)
	Begin Station	End Station					
RW–01	"RW1" 1+00.00	"RW1" 1+66.00	Caltrans Type 1A (Case 1)	8	2.0	4.3	5.7
RW–03	"RW3" 1+00.00	"RW3" 1+72.00	Caltrans Type 1A (Case 2)	10	2.84	14.0	6.7 *
RW–04	"RW4" 1+00.00	"RW4" 1+40.00	Caltrans Type 1A (Case 1)	12	3.5	22.5	7.8 *
	"RW4" 1+40.00	"RW4" 2+92.00	Caltrans Type 7B (Mod)	14	1.7	13.9	4.6
	"RW4" 2+92.00	"RW4" 3+64.00	Caltrans Type 6A (Case 1)	6	2.1	9.6	14.7
RW–05	"RW5" 1+00.00	"RW5" 1+48.00	Caltrans Type 1 (Case 2)	16	2.4	4.1	6.1 *
	"RW5" 1+48.00	"RW5" 2+84.00	Caltrans Type 1A (Case 1)	10	2.0	3.6	5.0

* Due to potential liquefiable layers, to achieve the listed bearing capacity under Extreme Event Limit Case, PARIKH recommends three (3) feet over–excavation and replacement with 2 layers of geogrid & compacted AB below the foundation level. Geogrid layers can be placed at the bottom and the middle.

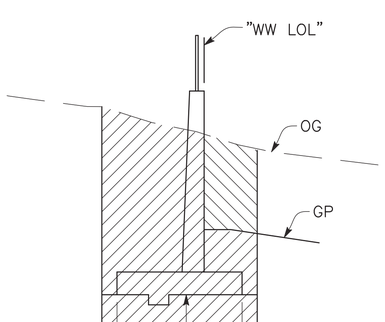
GENERAL NOTES:

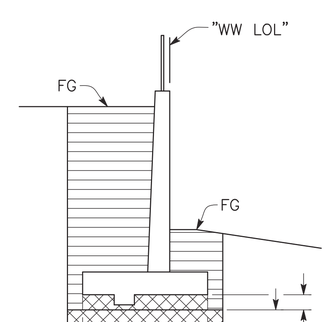
SHEET PILE: ASTM A572–GR55
Fy = 55 ksi
Minimum Section Modulus per foot of wall
S min = 12.3 in³



TYPICAL SECTION - TEMP SHEET PILING
NO SCALE

3





LIMITS OF PAYMENT FOR OVER EXCAVATION AND GEOGRID BACKFILL
NO SCALE

EXCAVATION AND BACKFILL NOTES:

1. For Details not shown see A62B / –
2. Slope or shore excavation sides as necessary.

LEGEND

- Structure Excavation (Retaining Wall)
- Structure Backfill (Retaining Wall) 95% Relative Compaction
- Class 2 AB 95% Compaction
- Roadway Excavation

NOTES:

1. Place two layers of geogrid in the Class 2 AB limits shown. Place one layer at the bottom of excavation and one layer at mid–depth at Retaining Wall Locations Shown.

RETAINING WALL-GENERAL NOTES
SCALE AS SHOWN

N-RW-1

REVISED BY	DATE REVISED
EC	4/30/25 △3 ADDENDUM 3

CALCULATED–DESIGNED BY: ANTHONY T. DUBOVIK
CHECKED BY: SANDRA CUEVAS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

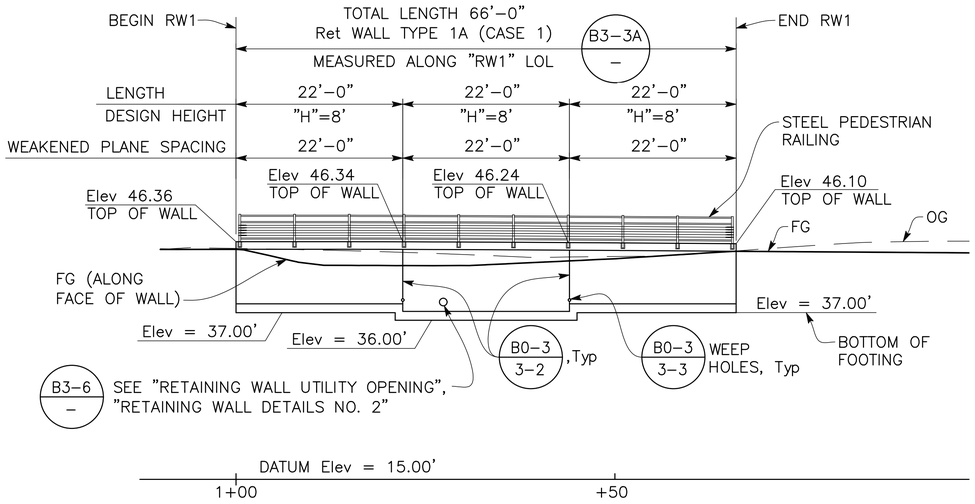
LAST REVISION 03–14–25
DATE PLOTTED => Apr 30, 2025
TIME PLOTTED => 2:34 pm

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DGN FILE => SJCN–S–RW–GN.dwg

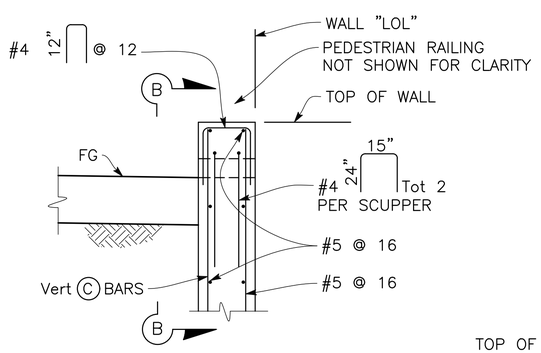
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000 | PROJECT NUMBER & PHASE 00000000000



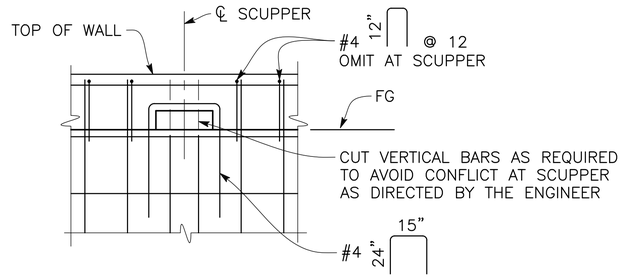
DEVELOPED ELEVATION

1" = 10'



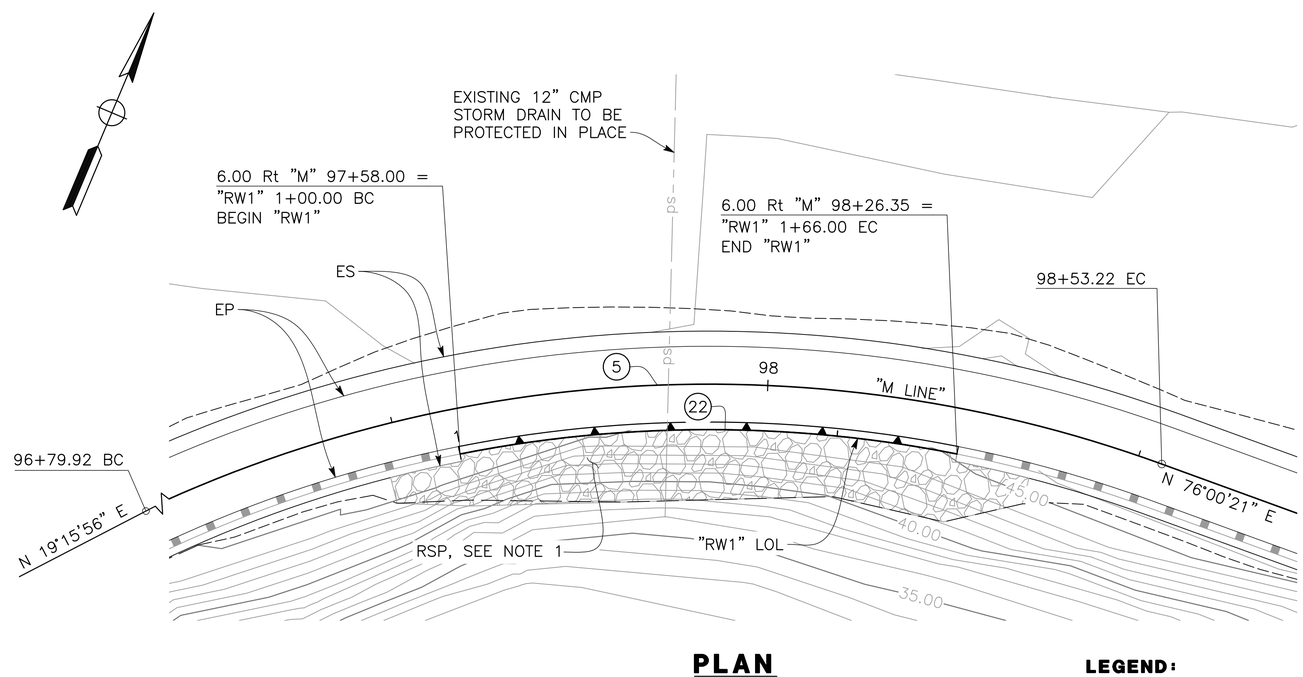
TOP OF WALL DETAIL

¾" = 1'-0"



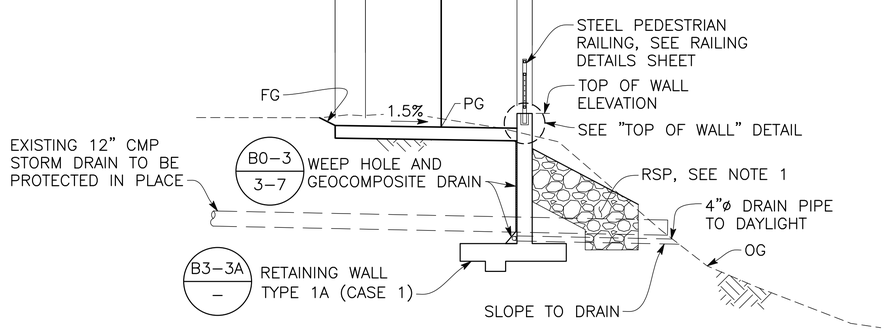
VIEW B-B

¾" = 1'-0"



PLAN

1" = 10'



TYPICAL SECTION

1" = 5'

CURVE DATA				
No.	R	Δ	T	L
(5)	175.00'	56°44'25"	94.50'	173.30'
(22)	169.00'	22°22'33"	33.43'	66.00'

LEGEND:

Denotes Rock Slope Protection (RSP)

NOTE:

1. For RSP details see "CONSTRUCTION DETAILS (Rock Slope Protection)" Plans.

RETAINING WALL NO. 1

SCALE AS SHOWN

N-RW-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	64	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 38372 — Exp 06/30/26 — STATE OF CALIFORNIA

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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALCULATED–DESIGNED BY
CHECKED BY
ANTHONY T. DUBOVIK
SANDRA CUEVAS
REVISED BY
DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\18059 – SJ Creek Bike Path Middle Extent 2018–115 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SJCN–S–RW1–GP.dwg, 3/26/2025 11:06 AM

LAST REVISION 03–14–25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:06 am

USERNAME => aboyes
DGN FILE => SJCN–S–RW1–GP.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 00000000000
148

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	65	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

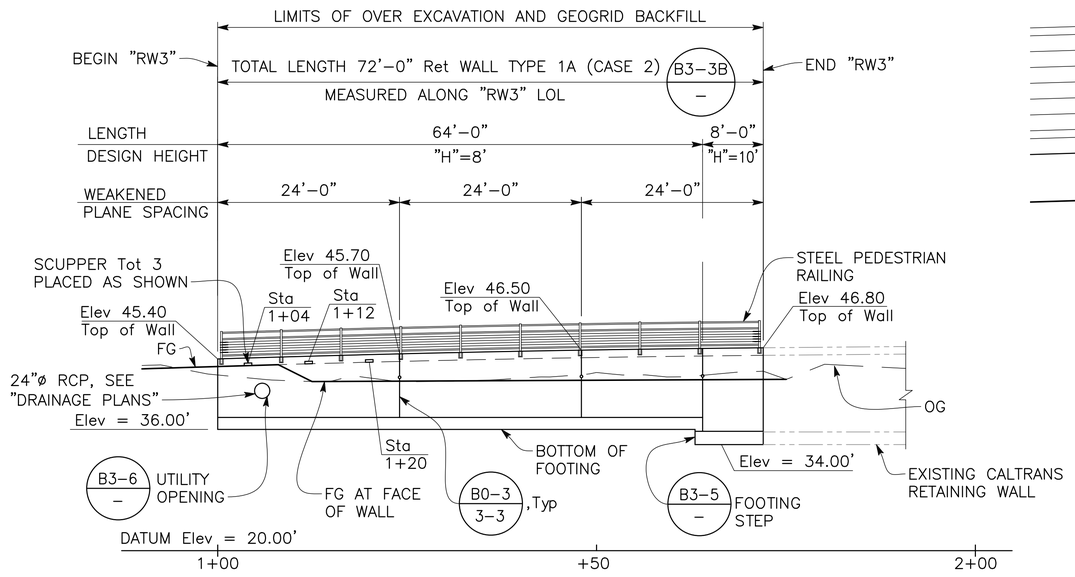
3/14/25
PLANS APPROVAL DATE

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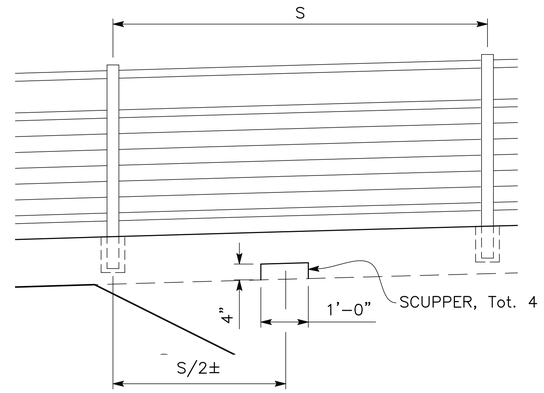
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GOLETA, CA 93117

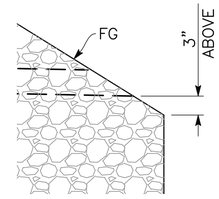
DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



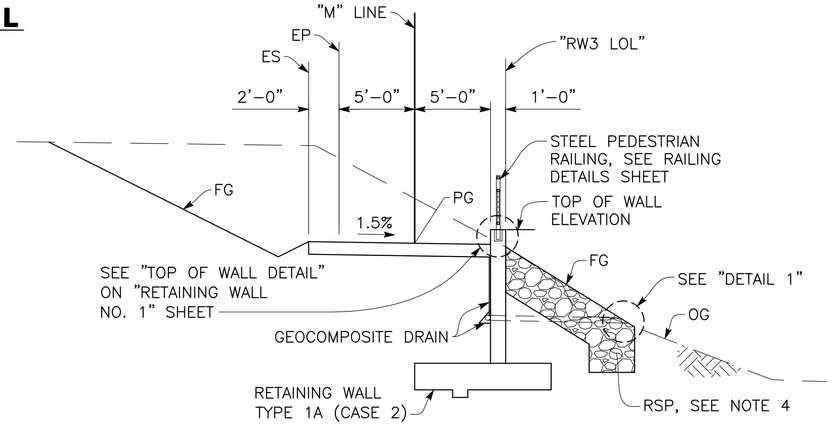
ELEVATION
1" = 10'



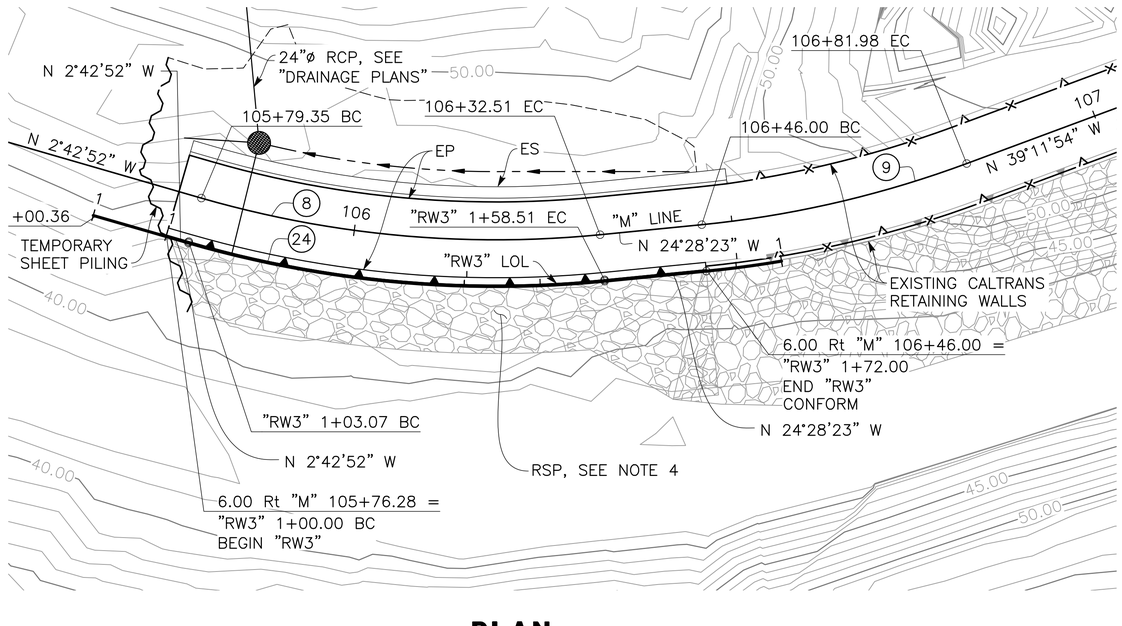
SCUPPER DETAIL
1" = 10'



DETAIL 1
1" = 1'-0"



TYPICAL SECTION
1" = 5'



PLAN
1" = 10'

CURVE DATA				
No.	R	Δ	T	L
(8)	140.00'	21°45'31"	26.91'	53.17'
(9)	140.00'	14°43'31"	18.09'	35.98'
(24)	146.00'	21°45'31"	28.06'	55.44'

LEGEND:

Denotes direction of surface flow in "V" ditch

Denotes Rock Slope Protection (RSP)

NOTES:

1. Caltrans Standard Retaining Wall, Type 1A (Case 2) B3-3B / —.
2. Design "H" and Case "#" used to determine footing size and bar reinforcement in wall and footing may not reflect actual conditions.
3. For "OVER EXCAVATION AND GEOGRID BACKFILL" Detail, see "RETAINING WALL–GENERAL NOTES" sheet.
4. For RSP details see "CONSTRUCTION DETAILS (Rock Slope Protection)" Plans.

RETAINING WALL NO. 3
SCALE AS SHOWN

N-RW-3

SHEET 66 OF 262

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: ANTHONY T. DUBOVIK
CHECKED BY: SANDRA CUEVAS
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:06 am

USERNAME => aboyes
DGN FILE => SJCN-S-RW3-GP.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000 | PROJECT NUMBER & PHASE 00000000000

NOTES:

1. For top of wall elevations, see "WALL PROFILE TABLE".
2. For "SECTION D–D", "SECTION E–E", "SECTION F–F", "SECTION G–G" and "SECTION H–H", see "RETAINING WALL DETAILS NO. 1" sheet.
3. For "SCUPPER DETAIL", see "RETAINING WALL NO. 3" sheet.

NOTES Cont:

4. Design "H" and Case "#" used to determine footing size and bar reinforcement in wall and footing may not reflect actual conditions.
5. For "OVER EXCAVATION AND GEOGRID BACKFILL" Detail, see "RETAINING WALL–GENERAL NOTES" sheet.
6. For Geocomposite Drains and Weep Hole locations details, see "RETAINING WALL DRAINAGE DETAILS" sheet.

CURVE DATA

No.	R	Δ	T	L
(11)	95.00'	40°11'40"	34.76'	66.65'
(12)	1055.00'	5°04'59"	46.83'	93.59'
(25)	100.00'	40°11'40"	36.59'	70.15'
(26)	1050.00'	5°04'59"	46.61'	93.15'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	66	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

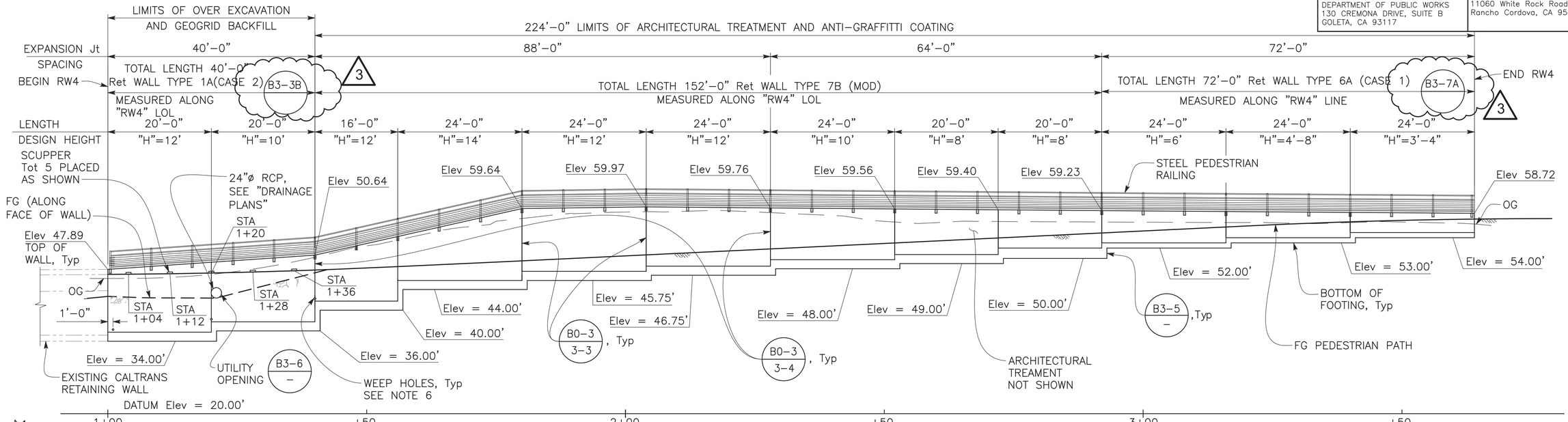
3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 36372 — Exp. 06/30/26 — STATE OF CALIFORNIA

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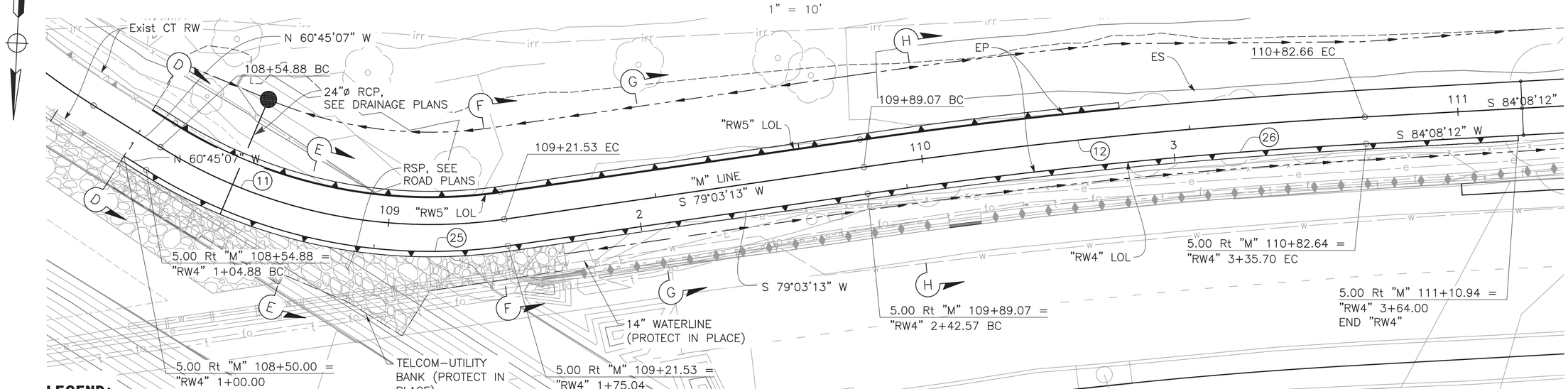
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



DEVELOPED MIRRORED ELEVATION

1" = 10'



LEGEND:

Denotes direction of surface flow in "V" ditch

Denotes Rock Slope Protection (RSP)

PLAN

1" = 10'

RETAINING WALL NO. 4

SCALE AS SHOWN

N-RW-4

4/30/25 ⚠3	EC		
DATE REVISED	REVISED BY	CALCULATED–DESIGNED BY	CHECKED BY
ADDENDUM 3			
4/30/2025	ANTHONY T. DUBOVIK	SANDRA CUEVAS	JOSE SILVA

CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

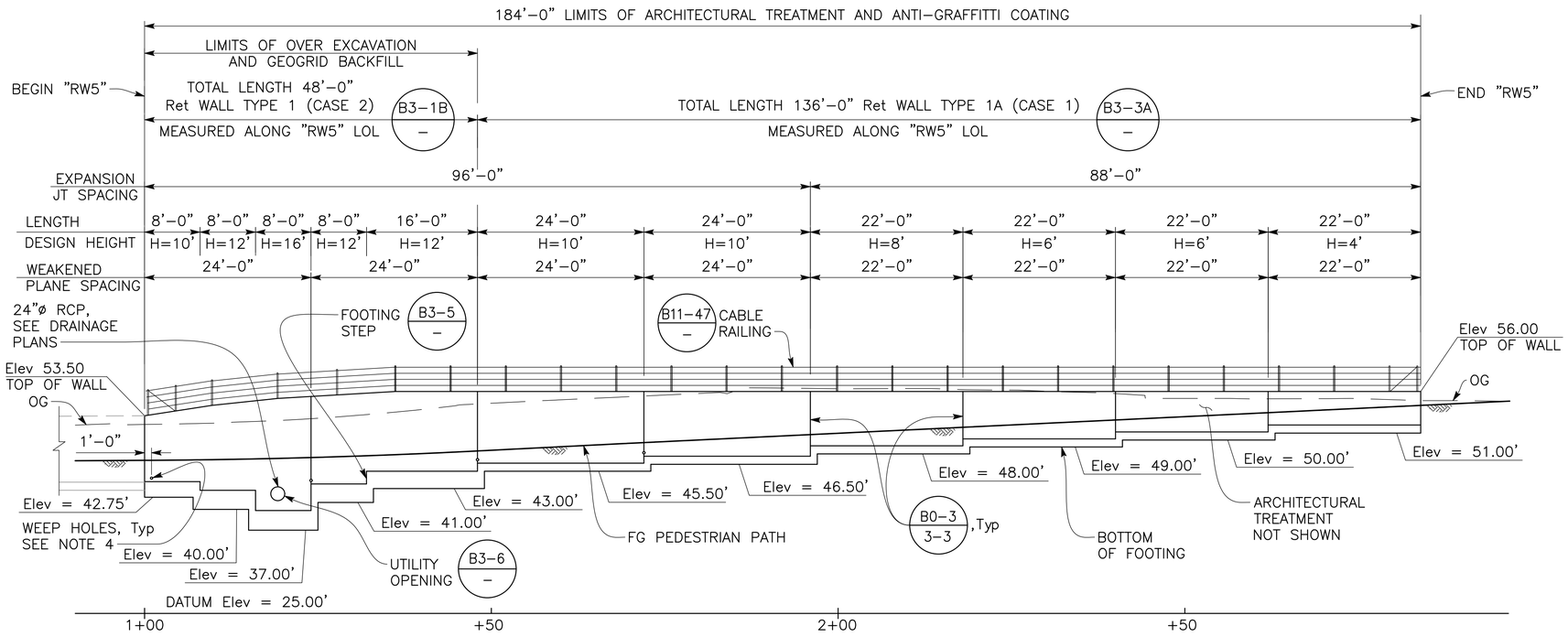
LAST REVISION 03–14–25 — DATE PLOTTED => Apr 30, 2025 — TIME PLOTTED => 2:01 pm

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DGN FILE => SJCN–S–RW4–GP.dwg

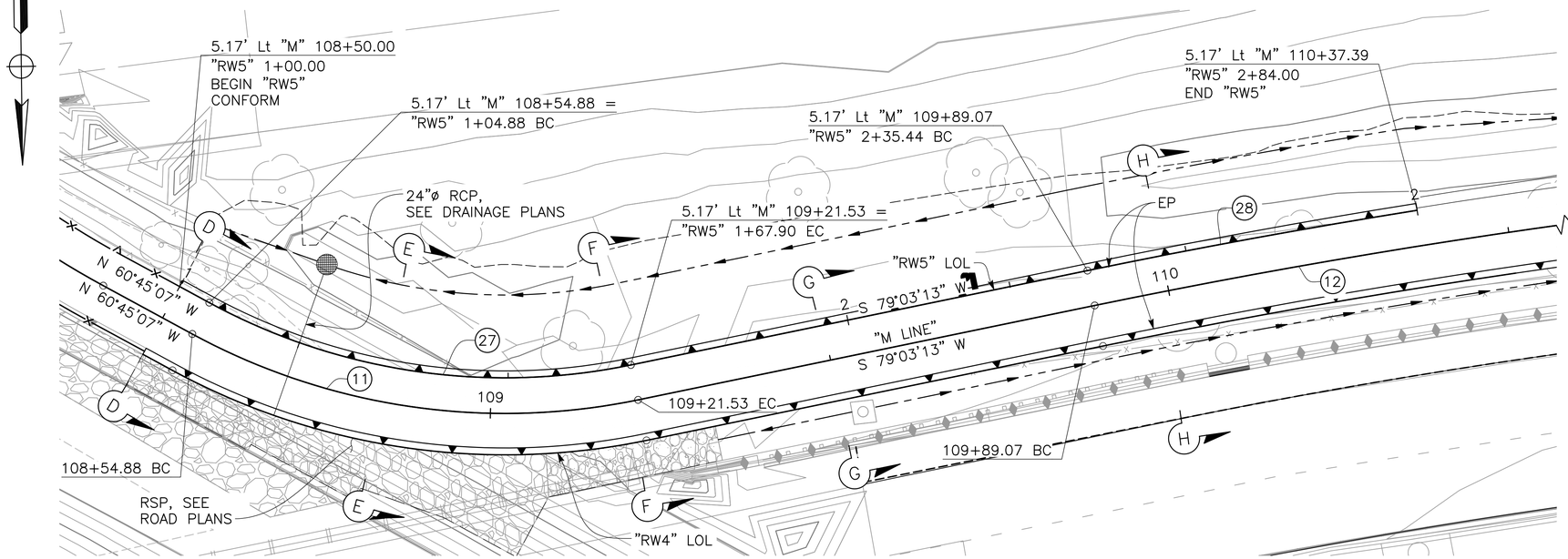
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000 | PROJECT NUMBER & PHASE 00000000000



DEVELOPED ELEVATION

1" = 10'



PLAN

1" = 10'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	67	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp 06/30/26
STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
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Rancho Cordova, CA 95670

WALL PROFILE TABLE

"RW5" STATION	TOP OF WALL Elev (ft)
01+00.00	53.50
01+09.73	55.00
01+19.20	56.00
01+28.58	56.50
01+36.15	57.00
02+40.00	57.00
02+84.00	56.00

NOTES:

1. For top of wall elevations, see "WALL PROFILE TABLE".
2. For "SECTION D–D", "SECTION E–E", "SECTION F–F", "SECTION G–G" and "SECTION H–H", see "RETAINING WALL DETAILS NO. 1" sheet.
3. For "OVER EXCAVATION AND GEOGRID BACKFILL" Detail, see "RETAINING WALL–GENERAL NOTES" sheet.
4. For Geocomposite Drains and Weep Hole locations details, see "RETAINING WALL DRAINAGE DETAILS" sheet.

LEGEND:

Denotes direction of surface flow in "V" ditch

Denotes Rock Slope Protection (RSP)

CURVE DATA

No.	R	Δ	T	L
11	95.00'	40°11'40"	34.76'	66.65'
12	1055.00'	5°04'59"	46.83'	93.59'
27	89.83'	40°11'40"	32.87'	63.02'
28	1060.51'	2°37'24"	24.28'	48.56'

RETAINING WALL NO. 5

SCALE AS SHOWN

N-RW-5

SHEET 68 OF 262

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS

CALCULATED–DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03–14–25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:07 am

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USERNAME => aboyes
DGN FILE => SJCN–S–RW5–GP.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 00000000000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	68	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

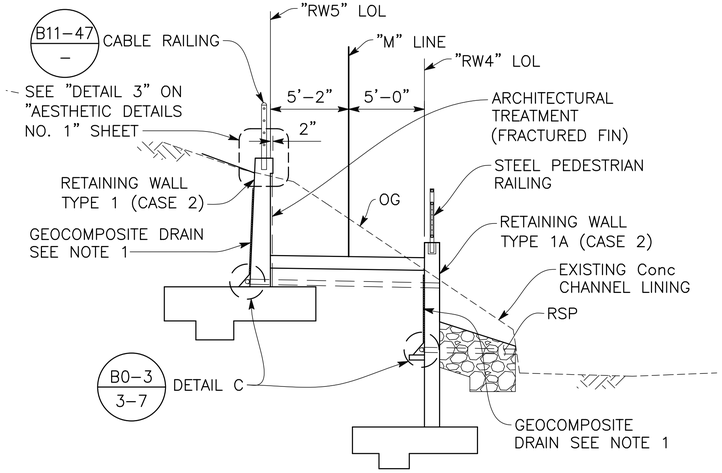
3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 38372 — Exp 06/30/26 — STATE OF CALIFORNIA

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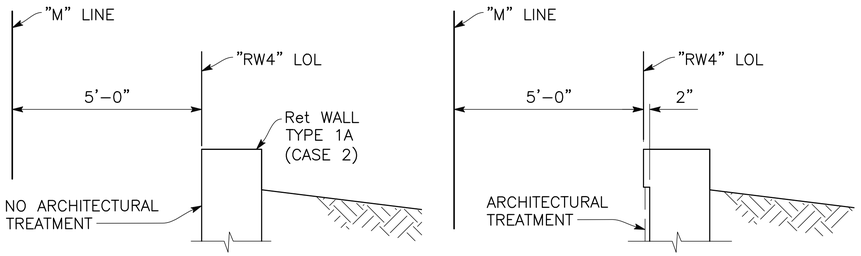
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



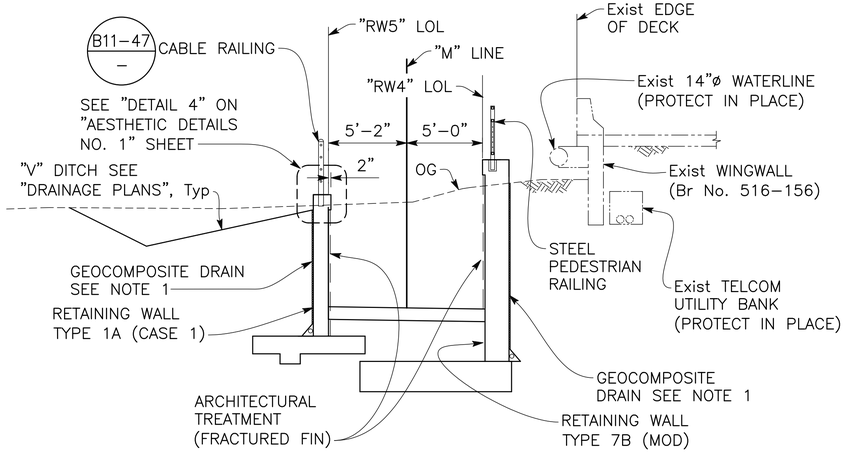
SECTION D-D

1" = 5'



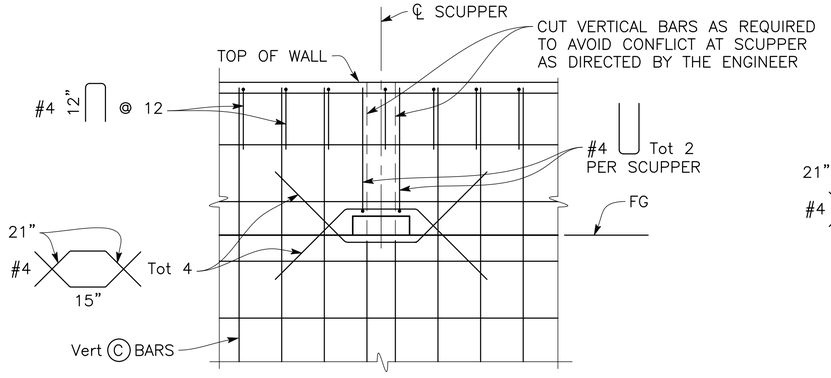
TOP OF WALL DETAILS AT RETAINING WALL 4

NO SCALE



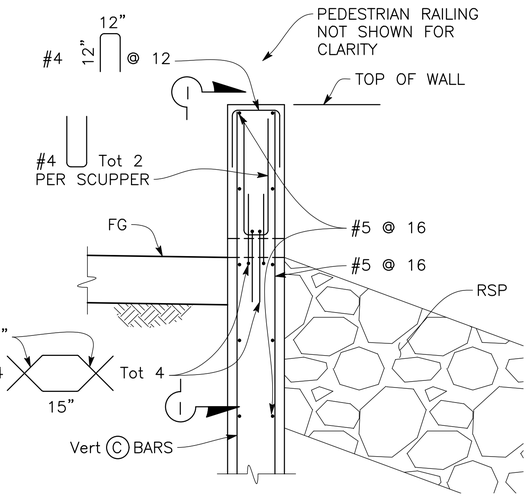
SECTION F-F

1" = 5'



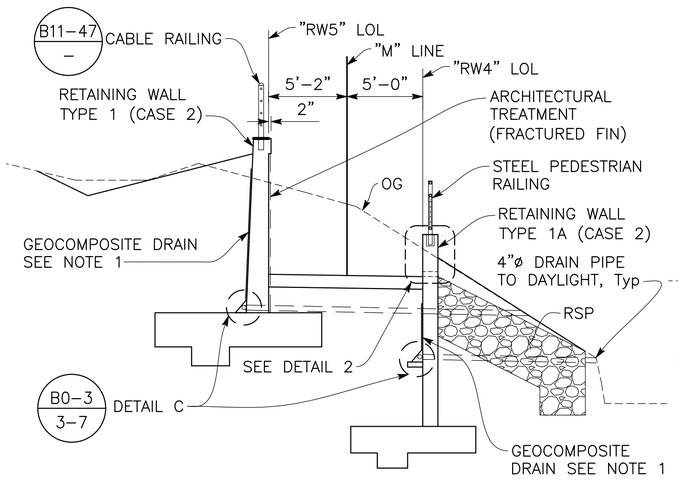
VIEW I-I

¾" = 1'-0"



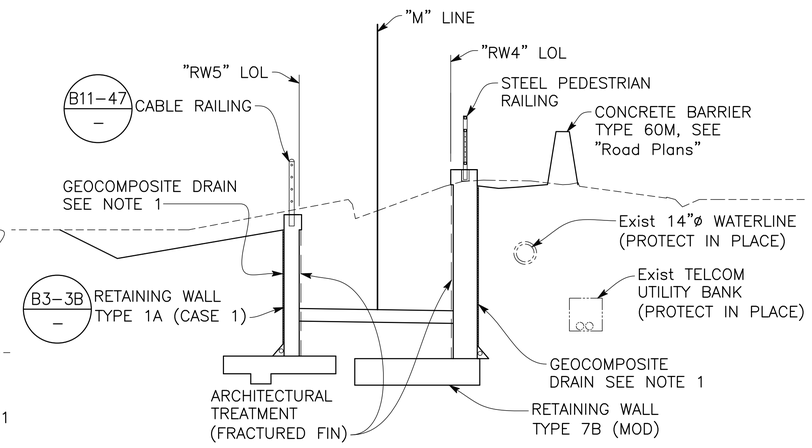
DETAIL 2

¾" = 1'-0"



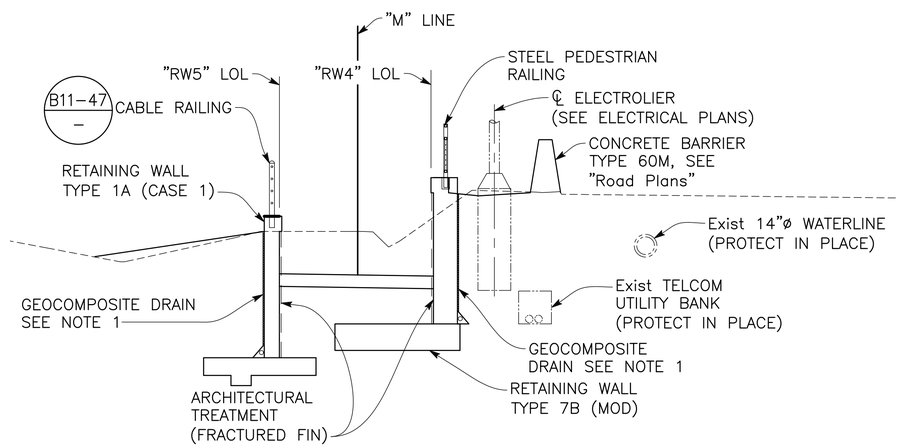
SECTION E-E

1" = 5'



SECTION G-G

1" = 5'



SECTION H-H

1" = 5'

NOTES:

1. For Geocomposite Drains and Weep Hole locations details, see "RETAINING WALL DRAINAGE DETAILS" sheet.

LEGEND:

Denotes Rock Slope Protection (RSP)

RETAINING WALL DETAILS NO. 1

SCALE AS SHOWN

SHEET 69 OF 262

N-RW-6

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:07 am

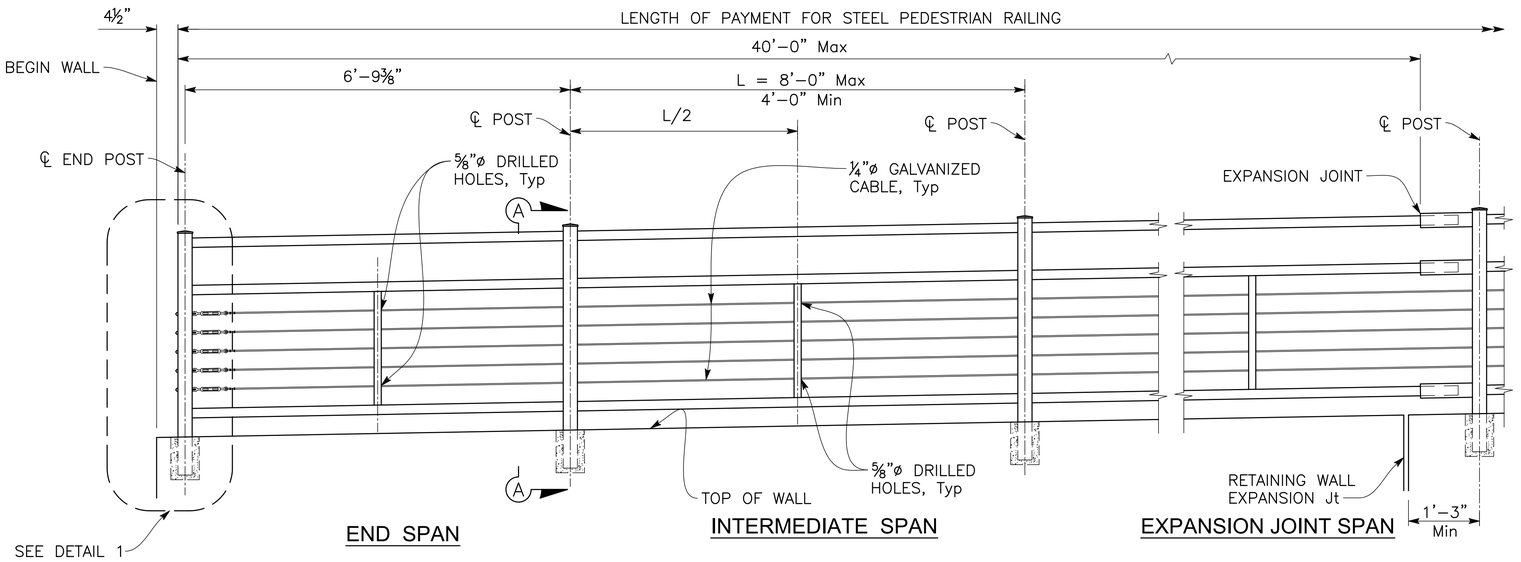
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USERNAME => aboyes
DGN FILE => SJCN-S-RW-SEC.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

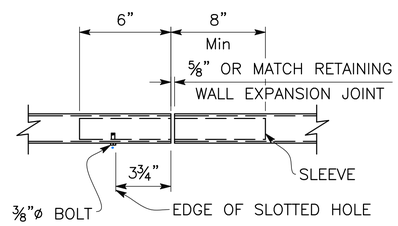
UNIT 0000

PROJECT NUMBER & PHASE 00000000000

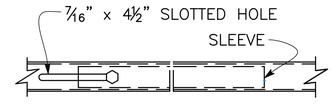


STEEL PEDESTRIAN RAILING PART ELEVATION

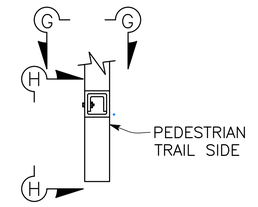
SCALE: ¾"=1'–0"



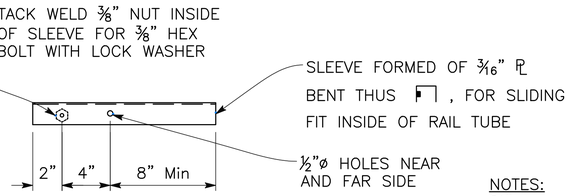
VIEW G-G



VIEW H-H



SECTION

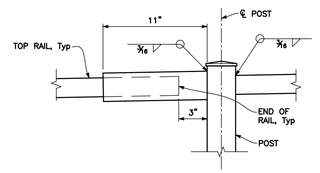


SLEEVE

NOTES:
⅜" NUT TACK WELDED TO SLEEVE MAY BE REPLACED BY DRILLED AND TAPPED HOLE IN SLEEVE.

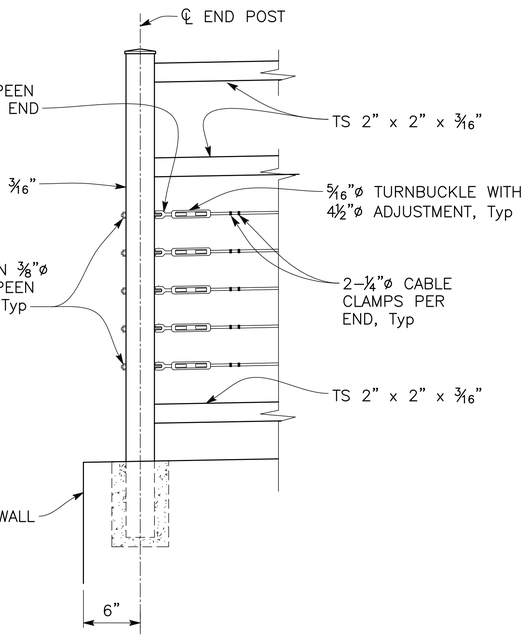
TUBE SPLICE DETAILS

NO SCALE



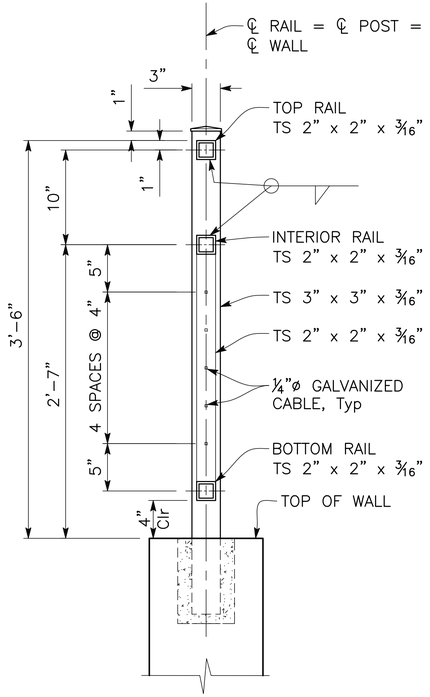
RAILING EXPANSION JOINT

SCALE: 1½"=1'–0"



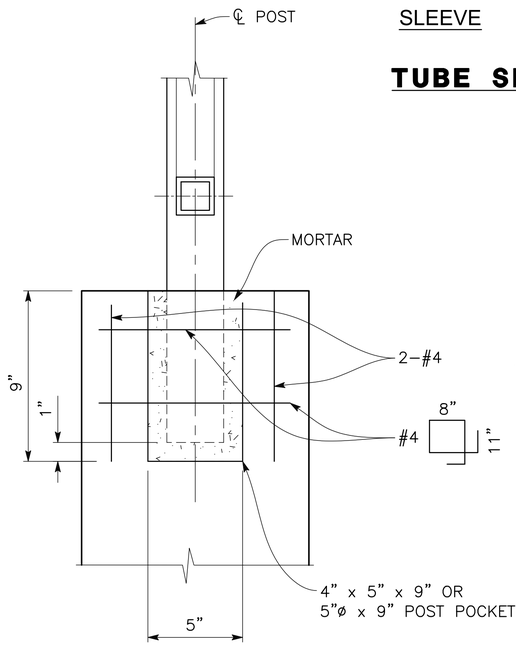
DETAIL 1

SCALE: 1½"=1'–0"



SECTION A-A

SCALE: 1½"=1'–0"



POST POCKET DETAIL

SCALE: 3"=1'–0"

NOTES:

1. RAILING SHALL CONFORM TO BRIDGE AND WALL HORIZONTAL AND VERTICAL ALIGNMENT.
2. POST SHALL BE VERTICAL, RAIL SHALL BE PARALLEL TO TOP OF RETAINING WALL.
3. RAILING EXPANSION JOINTS SHALL BE PLACED NEAR RETAINING WALL EXPANSION JOINTS.
4. RAILING EXPANSION JOINT SHALL BE AT 40' Max OR AS REQUIRED TO FACILITATE FABRICATION.
5. STEEL PEDESTRIAN RAILING MUST CONFORM WITH STANDARD SPECIFICATION 83–2.07 CABLE RAILINGS AND 83–2.08 TUBULAR RAILINGS.

RETAINING WALL DETAILS NO. 2

SCALE AS SHOWN

SHEET 70 OF 262

N-RW-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	69	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 38372 — Exp. 06/30/26 — STATE OF CALIFORNIA

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DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALCULATED–DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS	JOSE SILVA		

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:08 am

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DGN FILE => SJCN–S–PR–GP.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 00000000000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

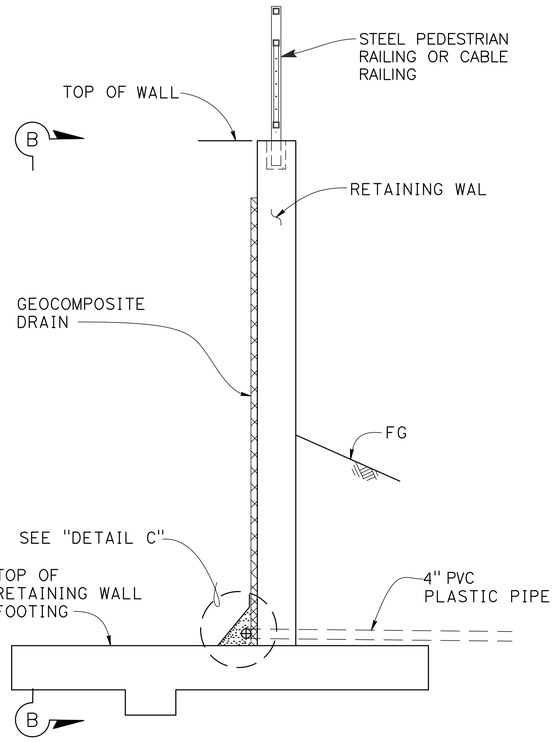
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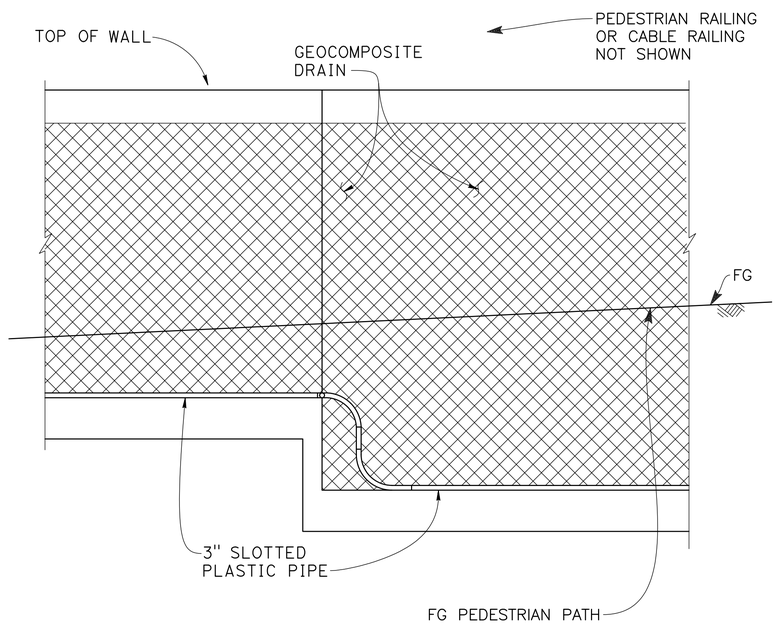
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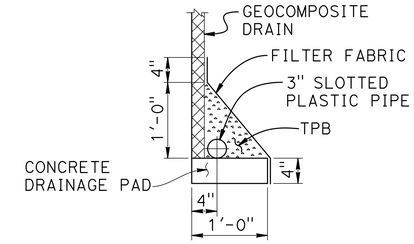
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Rancho Cordova, CA 95670



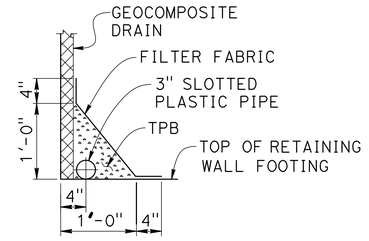
SECTION A-A
NO SCALE



VIEW B-B
NO SCALE

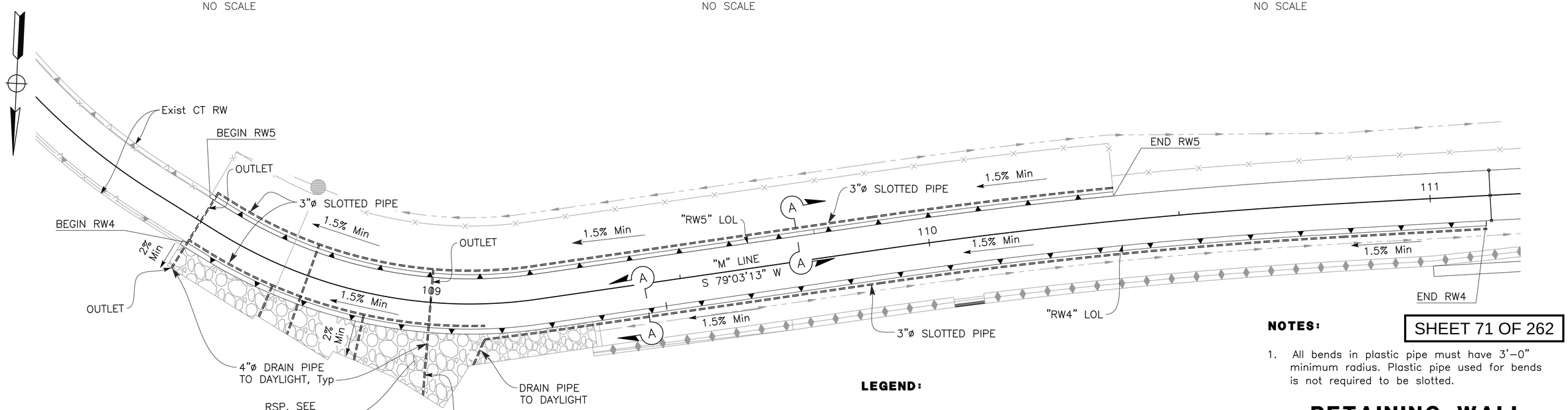


DRAINAGE PAD



FOOTING

DETAIL C
NO SCALE



PLAN
1" = 10'

LEGEND:

Denotes direction of surface flow in "V" ditch

Denotes Rock Slope Protection (RSP)

NOTES:

1. All bends in plastic pipe must have 3'–0" minimum radius. Plastic pipe used for bends is not required to be slotted.

SHEET 71 OF 262

RETAINING WALL DRAINAGE DETAILS

SCALE AS SHOWN

N-RW-8

		REVISED BY	DATE REVISED
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS		ANTHONY T. DUBOVIK	SANDRA CUEVAS
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA	CALCULATED–DESIGNED BY	CHECKED BY

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DATE PLOTTED => Mar 26, 2025
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RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 00000000000

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

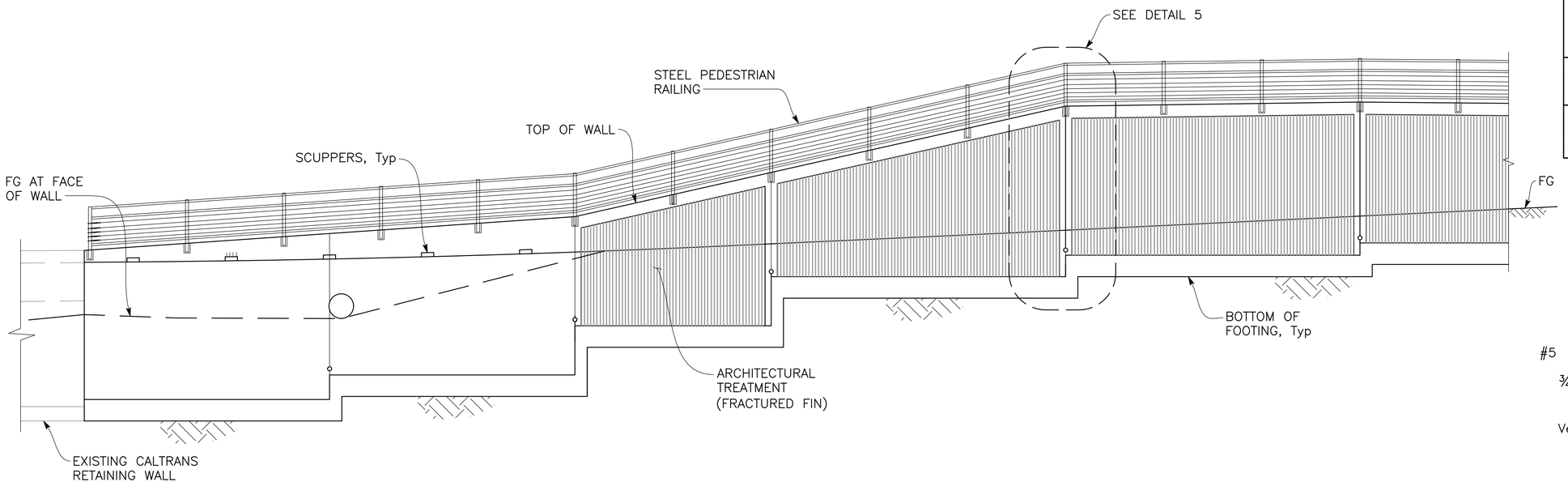
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PLANS APPROVAL DATE

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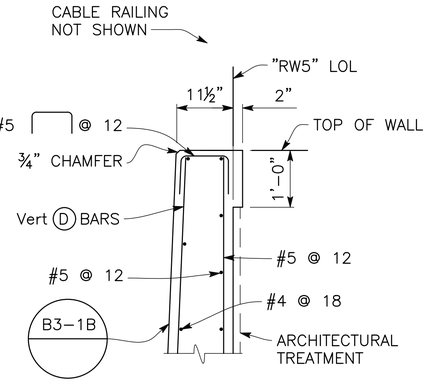
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



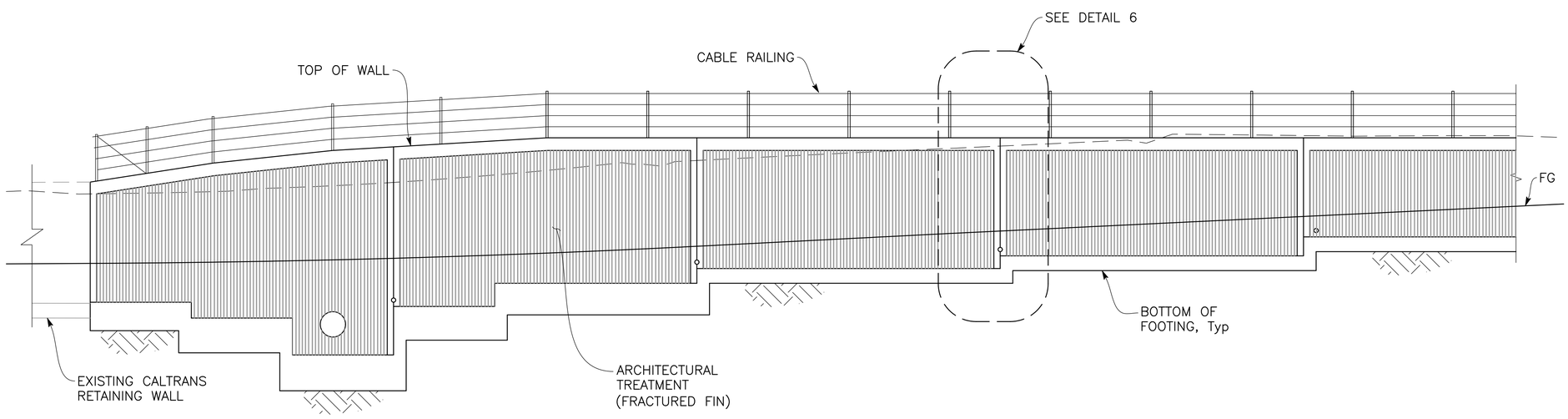
RETAINING WALL NO. 4 TYPICAL PART DEVELOPED ELEVATION

1" = 5'



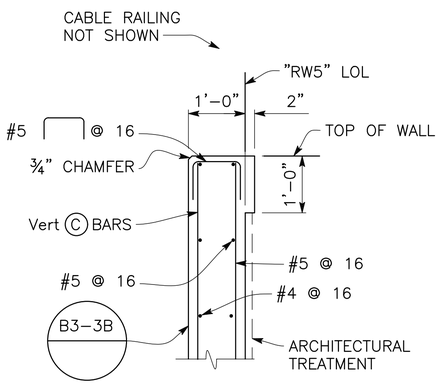
DETAIL 3

¾" = 1'-0"



RETAINING WALL NO. 5 TYPICAL PART DEVELOPED ELEVATION

1" = 5'



DETAIL 4

¾" = 1'-0"

NOTES:

1. For DETAIL 5 and DETAIL 6, see "AESTHETIC DETAILS NO. 2" sheet.

AESTHETIC DETAILS NO. 1

SCALE AS SHOWN

N-RW-9

SHEET 72 OF 262

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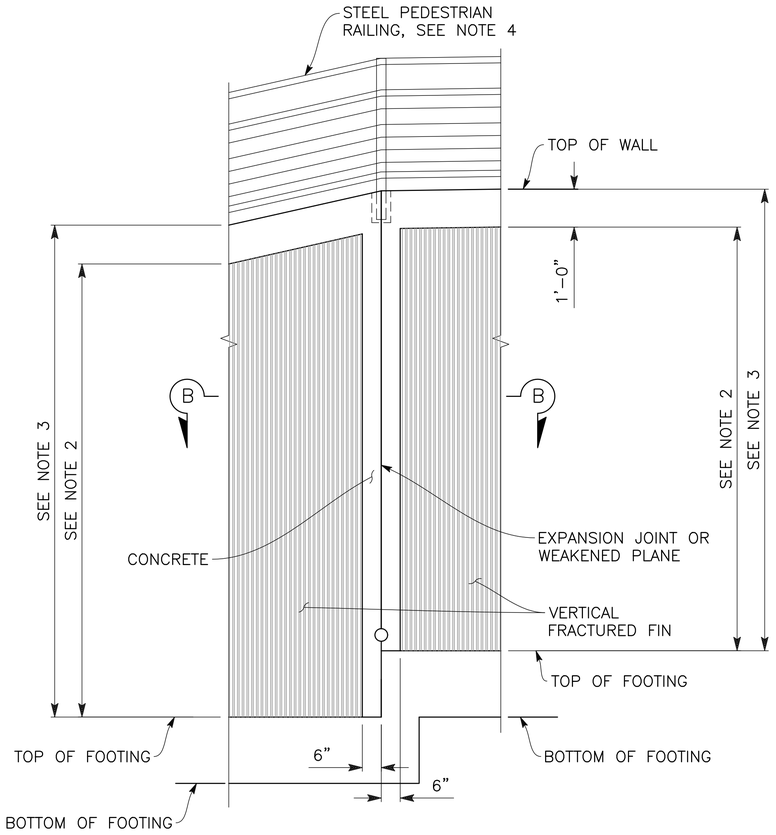
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TIME PLOTTED => 11:09 am

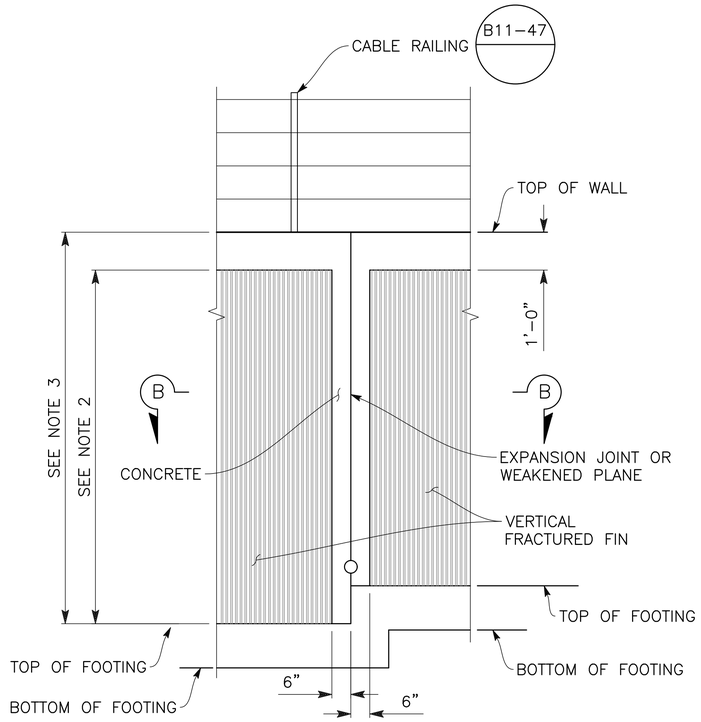
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DGN FILE => SJCN-S-RW4-5-AD.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

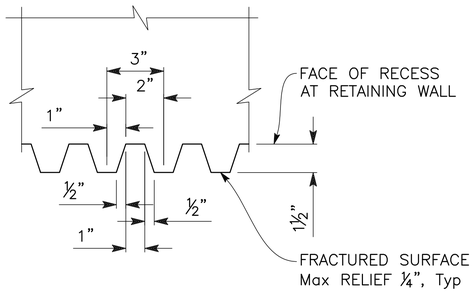
UNIT 0000 | PROJECT NUMBER & PHASE 00000000000



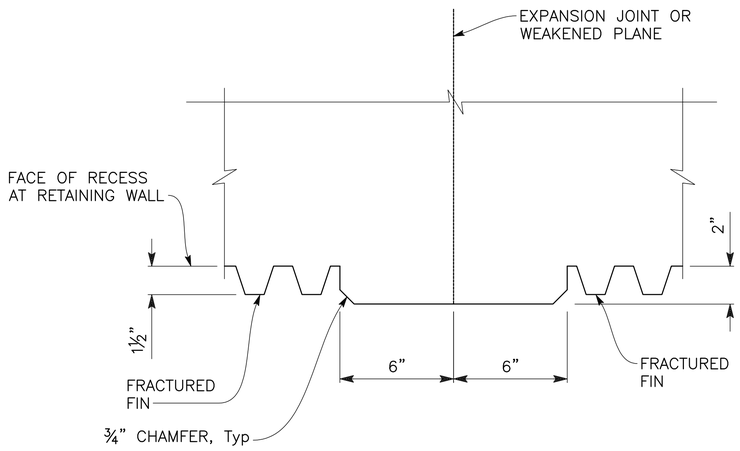
DETAIL 5
½" = 1'-0"



DETAIL 6
½" = 1'-0"



FRACTURED FIN TEXTURE DETAIL
3" = 1'-0"



SECTION B-B
3" = 1'-0"

NOTES:

1. No horizontal joints will be permitted in forms liner.
2. limits of payment for Architectural Treatment.
3. Limits of Anti-Graffitti Coating.
4. For Railing Details see "RETAINING WALL DETAILS NO. 2" sheet.

AESTHETIC DETAILS NO. 2

SCALE AS SHOWN

N-RW-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	72	80

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 18372
Exp. 06/30/26
STATE OF CALIFORNIA

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	CALCULATED–DESIGNED BY: ANTHONY T. DUBOVIK	CHECKED BY: SANDRA CUEVAS	REVISED BY / DATE REVISED

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SHEET 73 OF 262

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RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000 PROJECT NUMBER & PHASE 00000000000

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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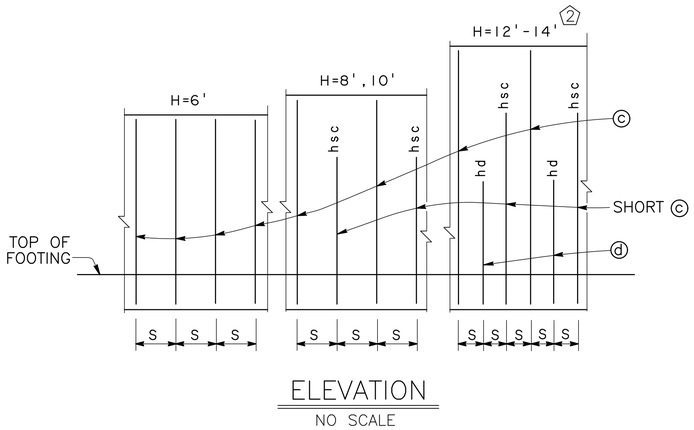
Anthony T. Dubovik 3/14/25
REGISTERED CIVIL ENGINEER — DATE

3/14/25
PLANS APPROVAL DATE

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The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.



ELEVATION
NO SCALE

NOTE:

"hb", "hsc", "hc", "hd" and "he" above bars indicate distance from top of footing to upper end of the bars, see table.

DESIGN DATA 3

Design: AASHTO LRFD Bridge Design Specifications, 8th edition with California Amendments

LS: Varied surcharge on level ground surface

CT: 54 kip maximum traffic impact loading evenly distributed over 10 feet at top of the barrier and 1:1 distribution down and outward

EQE: Mononabe–Okabe Method
K_h = 0.21
K_v = 0.0

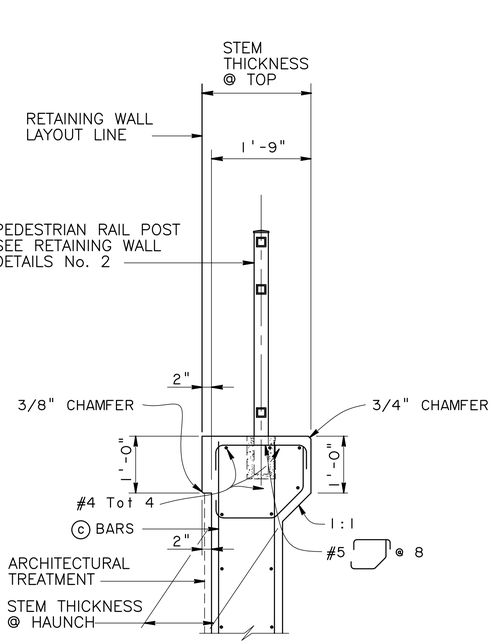
Soil: ϕ = 34°
γ = 120 pcf

Reinforced Concrete: f'c = 3600 psi
fy = 60,000 psi

Load Combinations and Limit States

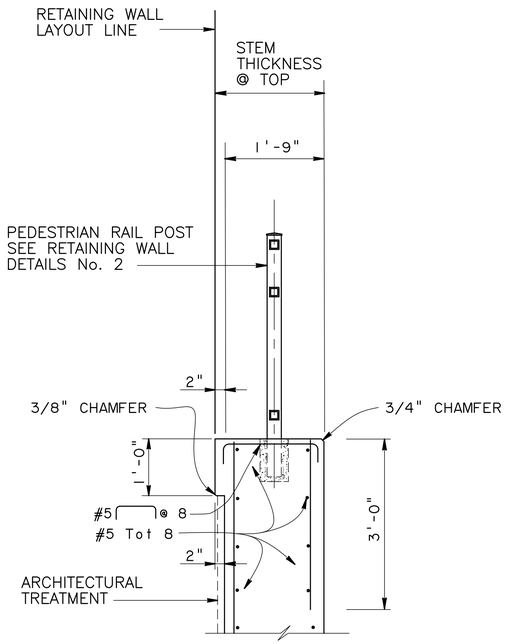
Service I	Q=1.00DC+1.00EV+1.00EH+1.00LS
Strength I	Q=αDC+βEV+1.50EH+1.75LS
Extreme I	Q=1.00DC+1.00EV+1.00EH+1.00EQD+1.00EQE
Extreme II	Q=1.00DC+1.00EV+1.00EH+1.00CT

Where:
- Q: Force Effects
- α: 1.25 or 0.90, Which ever Controls Design
- β: 1.35 or 1.00, which ever Controls Design
- DC: Dead Load of Structure Components
- EV: Vertical Earth Fill Pressure
- LS: Live Load Surcharge
- EQE: Seismic Earth Pressure
- EQD: Soil and Structure Components Inertia. Soil inertia ignored for stem design
- CT: Vehicular Collision Force



DETAIL A – WITH HAUNCH 2
3/4" = 1'–0"

For Details not shown, see "DETAIL A – WITHOUT HAUNCH" (H=6, H=8 & H=10 similar)

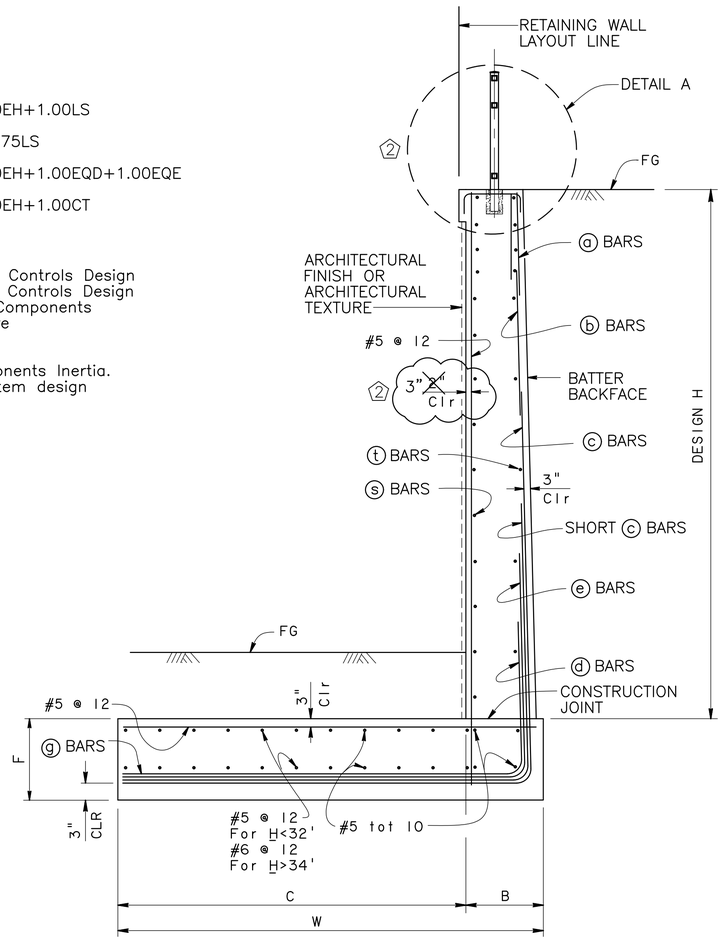


DETAIL A – WITHOUT HAUNCH 2
3/4" = 1'–0"

For Details not shown, see "DETAIL A – WITH HAUNCH" (H=14 & H=12 similar)

NOTES:

1. For Retaining wall Architectural finish or texture see Details elsewhere in Project Plans.
2. For details not shown and drainage notes, see B3–5 Substitution of geocomposite drain for pervious backfill material is not permitted.
3. Footing cover, 2'–0" minimum.
4. For H=6' through 10', extend c bars into Barrier for stem with haunch.
5. Dimensions may vary with roadway cross slope and with certain thickness of surfacing. See Project Plans.
6. Provide #6 @ 12" X 16'–0" a bar over a distance of 8'–0" measured from all expansion joints begin wall and end wall locations. For H≤14' hook a bar into footing and reduce bar length as needed to maintain Min Clr cover.



SPREAD FOOTING SECTION 2
NO SCALE

FOOTING FOR H=14 SHOWN, OTHERS SIMILAR.

SHEET 74 OF 262

N-RW-11

BRIDGE STANDARD DETAILS

xs14-375-1	October 2014	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

1 INFORMATION ADDED 3 REVISED NOTE
2 REVISED DETAIL

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

BRIDGE NO. XXX–XXXX
POST MILE 2.1

RETAINING WALL NO. 4
RETAINING WALL TYPE 7B (Mod)-DETAILS NO. 1

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => USERNAME => aboyes TIME PLOTTED => 11:09 am DATE PLOTTED => Mar 26, 2025

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: ___ PROJECT NUMBER & PHASE: 05180002291 CONTRACT NO.: __

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
6-19-14	8-6-14	8-28-15	7-14-16	73	80

I:\180052 – SJ Creek Bike Path Middle Extent 2018-115 – CI Goleta\400 Project Design Files\430 Bridges & Structures\Plans\xs14-375-1.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	74	80

Anthony T. Dubovik 3/14/25
REGISTERED CIVIL ENGINEER — DATE

3/14/25
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

TABLE OF WALL DIMENSIONS, REINFORCING STEEL AND BEARING STRESS DATA

DESIGN H	STEM WITH HAUNCH			STEM WITHOUT HAUNCH												
	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'
W	8'-3"	8'-3"	8'-3"	8'-3"	10'-0"	8'-3"	8'-6"	9'-0"	10'-0"	10'-9"	11'-9"	12'-6"	13'-6"	14'-6"	15'-6"	16'-0"
C	7'-0"	7'-0"	6'-9"	6'-6"	8'-3"	6'-6"	6'-6"	6'-9"	7'-6"	8'-0"	9'-0"	9'-0"	9'-9"	10'-6"	11'-6"	11'-9"
B	1'-3"	1'-3"	1'-6"	1'-9"	1'-9"	1'-9"	2'-0"	2'-0"	2'-6"	2'-9"	2'-9"	3'-6"	3'-9"	4'-0"	4'-0"	4'-3"
F	1'-9"	1'-9"	1'-9"	1'-9"	2'-0"	2'-4"	2'-6"	2'-6"	2'-9"	2'-9"	3'-0"	3'-3"	3'-6"	3'-9"	3'-9"	4'-0"
STEM THICKNESS AT TOP (3)	1'-11"	1'-11"	1'-11"	1'-11"	1'-11"	1'-7"	1'-9"	1'-9"	1'-9"	2'-0"	2'-0"	2'-0"	2'-3"	2'-3"	2'-3"	2'-6"
STEM THICKNESS AT HAUNCH	1'-0"	1'-0"	1'-3"	1'-9"***	1'-9"***											
BATTER	0	0	0	0	0	0	0	0	1/4:12	1/4:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12
S	0'-9"	0'-9"	0'-9"	0'-6"	0'-5 2/3"	0'-5"	0'-4 1/3"	0'-8"	0'-7ø"	0'-9"	0'-7ø"	0'-8"	0'-7"	0'-6"	0'-6"	0'-5ø"
(d) BARS															#5	#5
(b) BARS															#8	#7
hb															28'-3"	29'-0"
(c) BARS	#6	#6	#6	#5	#5	#5	#5	#5 ⚲	#5 ⚲	#5	#5	#5	#5	#5	#11	#11
hsc		7'-10"	9'-10"	11'-10"	13'-10"	13'-6"	11'-6"	17'-3"	16'-3"	20'-0"	18'-9"	20'-6"	21'-6"	23'-0"	17'-0"	17'-9"
hc															22'-0"	25'-0"
(d) BARS				#5	#7	#7	#7	#10	#10	#7	#7	#7	#7	#7		
hd				3'-3"	5'-6"	6'-0"	6'-6"	11'-3"	12'-0"	13'-0"	16'-6"	16'-0"	17'-0"	19'-3"		
(e) BARS										#10	#10	#11	#11	#11		
he										12'-9"	13'-6"	14'-0"	12'-3"	16'-6"		
(g) BARS						#5 @ 15	#5 @ 13	#5 @ 16	#6 @ 15	#7 @ 18	#5 @ 15	#8 @ 16	#7 @ 14	#7 @ 12	#5 @ 6	#5 @ 5½
BARS BUNDLED WITH (g) in ftg						SHORT (c)	SHORT (c)	(d)	(d)	SHORT (c) & (e)	SHORT (c) & (e)	SHORT (c) & (e)	SHORT (c) & (e)	SHORT (c) & (e)	(c) & SHORT (c)	(c) & SHORT (c)
(h) BARS															#5 @ 24	#5 @ 11
(s) BARS	#4 @ 12	#4 @ 12	#5 @ 15	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#7 @ 12	#7 @ 12	#7 @ 12	#7 @ 12
(t) BARS	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12
Td (KIPS/FT)	0	0	0	0	0	3	6.75	9.75	11.25	12.75	13.5	18.75	19.5	21.75	21.75	26.25
To (KIPS/FT)	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*
Tp = Larger of 1.33 Td & 1.25 To (KIPS/FT)	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*
MAX. ANCHOR SPACING						10'-6"	10'-6"	8'-3"	6'-3"	7'-9"	7'-3"	7'-0"	6'-9"	6'-0"	6'-0"	5'-0"
SER I: B'(ft), q'_o(ksf)	8.6, 0.3	8.1, 0.4	7.6, 0.5	7.1, 0.8	8.9, 0.7	5.8, 1.9	6.1, 2.7	6.5, 3.3	7.1, 3.5	7.8, 3.7	8.7, 3.6	9.1, 4.5	10.0, 4.5	10.7, 4.6	11.6, 4.5	12.1, 5.0
STR Ia: B'(ft), $_oq$ (ksf)	8.3, 1.0	7.6, 1.2	7.0, 1.4	6.2, 1.8	8.0, 1.8	4.7, 3.8	4.9, 4.9	5.2, 5.7	5.8, 6.3	6.2, 6.4	6.7, 6.4	7.3, 7.6	8.1, 7.6	8.6, 7.9	9.4, 7.7	9.8, 8.6
STR, Ib: B'(ft), q (ksf)	7.8, 0.8	6.9, 1.0	6.0, 1.3	5.0, 1.8	6.6, 1.7	3.4, 4.4	3.8, 5.4	4.1, 6.1	4.6, 6.4	5.0, 6.9	5.2, 7.1	5.9, 8.2	6.6, 8.1	7.0, 8.5	7.6, 8.3	8.0, 9.1
Ext I: B'(ft), q (ksf)	7.9, 0.8	7.1, 0.9	6.2, 1.2	5.0, 1.7	6.3, 1.8	2.8, 5.2	2.9, 7.1	3.2, 8.3	3.5, 9.3	3.6, 9.6	4.6, 11.3	4.3, 11.5	4.6, 11.7	4.9, 12.4	5.2, 12.2	5.3, 13.8
Ext II: B'(ft), q (ksf)	2.8, 2.0	2.9, 2.3	3.2, 2.4	3.3, 2.7	6.0, 1.7	3.8, 3.6	4.7, 4.1	5.6, 4.5	6.5, 4.5	7.4, 4.5	8.8, 5.1	9.0, 5.1	10.1, 5.1	10.9, 5.2	11.9, 4.9	12.4, 5.4

*** DENOTES WALL THICKNESS AT DEPTH 1'-0" DOWN FROM TOP OF WALL

NOTE:

(h) Bar spacing shown is along the length of the retaining wall.
* denotes values to be determined by designer,
and this note is removed afterwards.

LEGEND:

SER: service limit state
STR: strength limit state
EXT: extreme event limit state
B': effective footing width (ft)
q'_o: net bearing stress (ksf)
q_o: gross uniform bearing stress (ksf)
⚲: 2 bar bundle
To: Anchor Lockoff Load
Tp: Anchor Factored Test Load

SHEET 75 OF 262

N-RW-12

BRIDGE STANDARD DETAILS

xs14-375-2	October 2014	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

(1) INFORMATION ADDED
(2) REVISED DETAIL
(3) STEM WALL THICKNESS REVISED

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

BRIDGE NO. XXX-XXXX
POST MILE 2.1

RETAINING WALL NO. 4

RETAINING WALL TYPE 7B (Mod)-DETAILS NO. 2

FILE => USERNAME => aboyes TIME PLOTTED => 11:09 am DATE PLOTTED => Mar 26, 2025

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: ___
PROJECT NUMBER & PHASE: 05180002291 CONTRACT NO.: __

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-19-14	8-6-14	7-14-16		74	80

M:\1960_ St Creek Blvd Path Middle Extent 2018-115 - G Goleta\400 Project Design Files\430 Bridges & Structures\Sheets\xs14-375-2.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	75	80

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

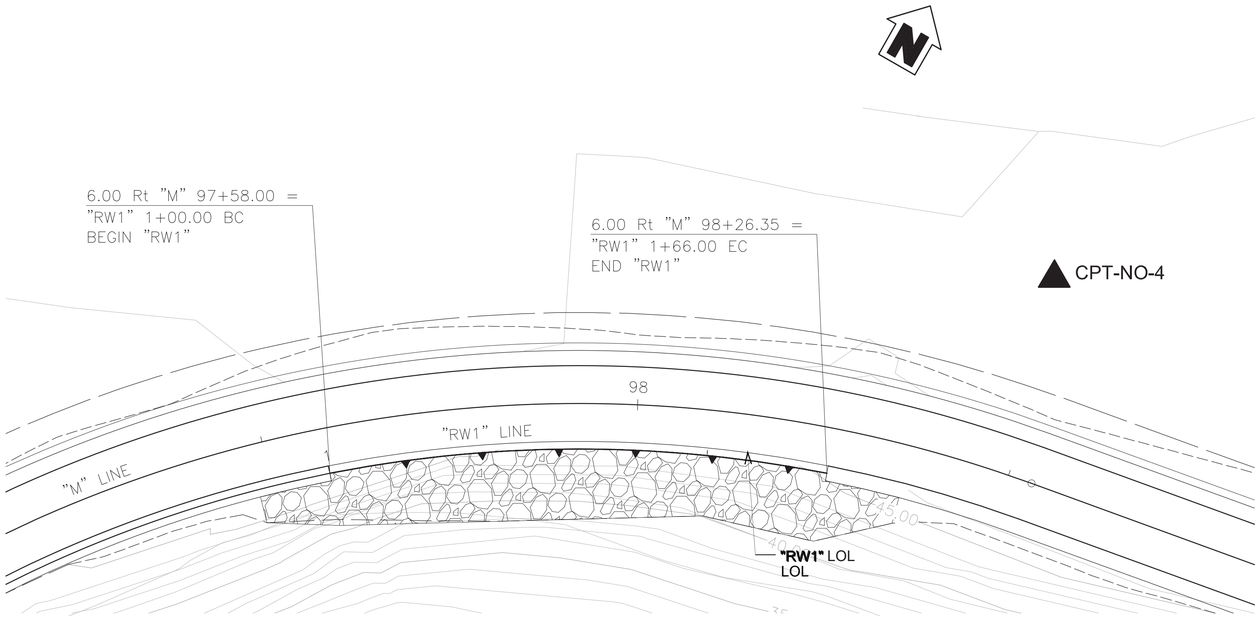
REGISTERED PROFESSIONAL ENGINEER
GARY PARIKH
No. G.E. 666
EXP. 12/31/23
GEOTECHNICAL
STATE OF CALIFORNIA

PLANS APPROVAL DATE

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DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PLAN
1" = 10'

N-RW-13

SHEET 76 OF 262

RETAINING WALL No. 1

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN		PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI	BRIDGE NO.	SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	FIELD INVESTIGATION BY: DATE: JULY 2023			PROJECT ENGINEER	POST MILES	LOG OF TEST BORINGS **NO. 1**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				75	80

FILE => $REQUEST

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USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

NOTES:

Standard Penetration Test Sampler: I.D. = 1.4"; O.D. = 2"
Modified California Sampler: I.D. = 2.5"; O.D. = 3" Hammer Assembly: A 140 lb hammer with a 30" drop (Automatic Hammer)

This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock, Logging, Classification, and Presentation Manual (2010)

See Caltrans 2022 Standard Plans A10F, A10G for Soil Legend.

All dimensions are in feet unless otherwise shown

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-NO-4	"M" Line	98+48 27' Lt.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	76	80

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

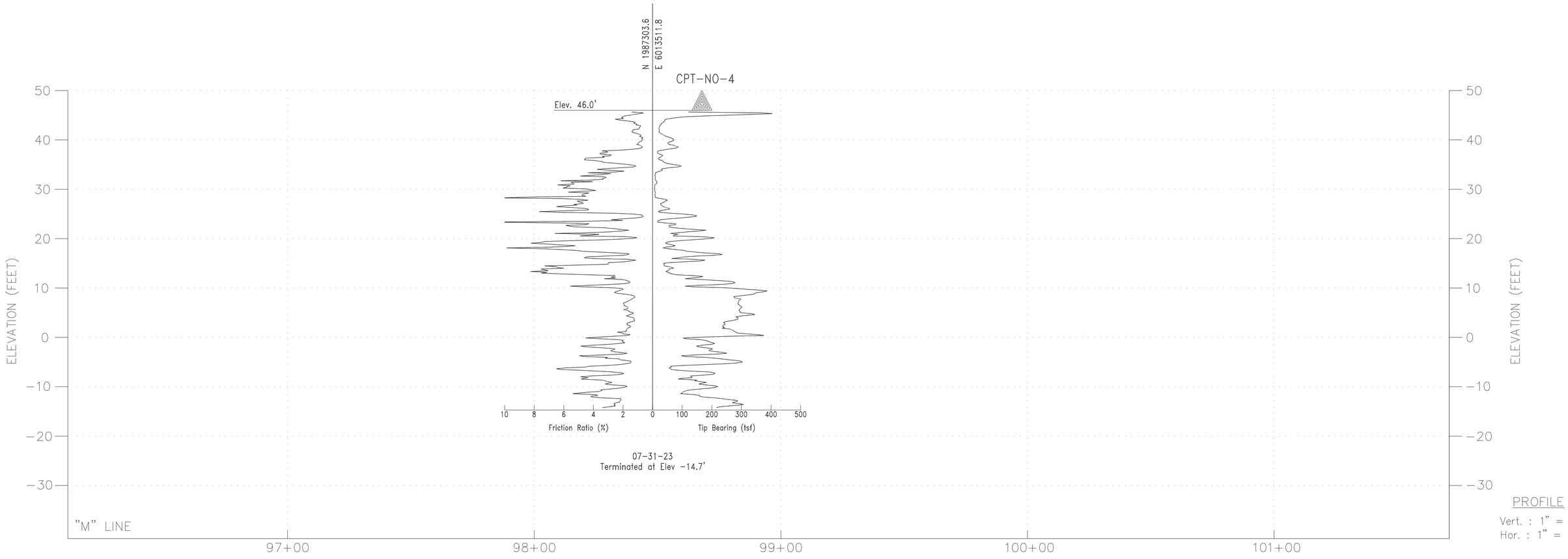
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 GEOTECHNICAL — STATE OF CALIFORNIA

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DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 20'

SHEET 77 OF 262

N-RW-14 RETAINING WALL No. 1

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	FIELD INVESTIGATION BY: DATE: JULY 2023		PROJECT ENGINEER

BRIDGE NO.
POST MILES

SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)

LOG OF TEST BORINGS **NO. 2**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE:
CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES					SHEET	OF
					76	80

FILE => $REQUEST

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	77	80

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

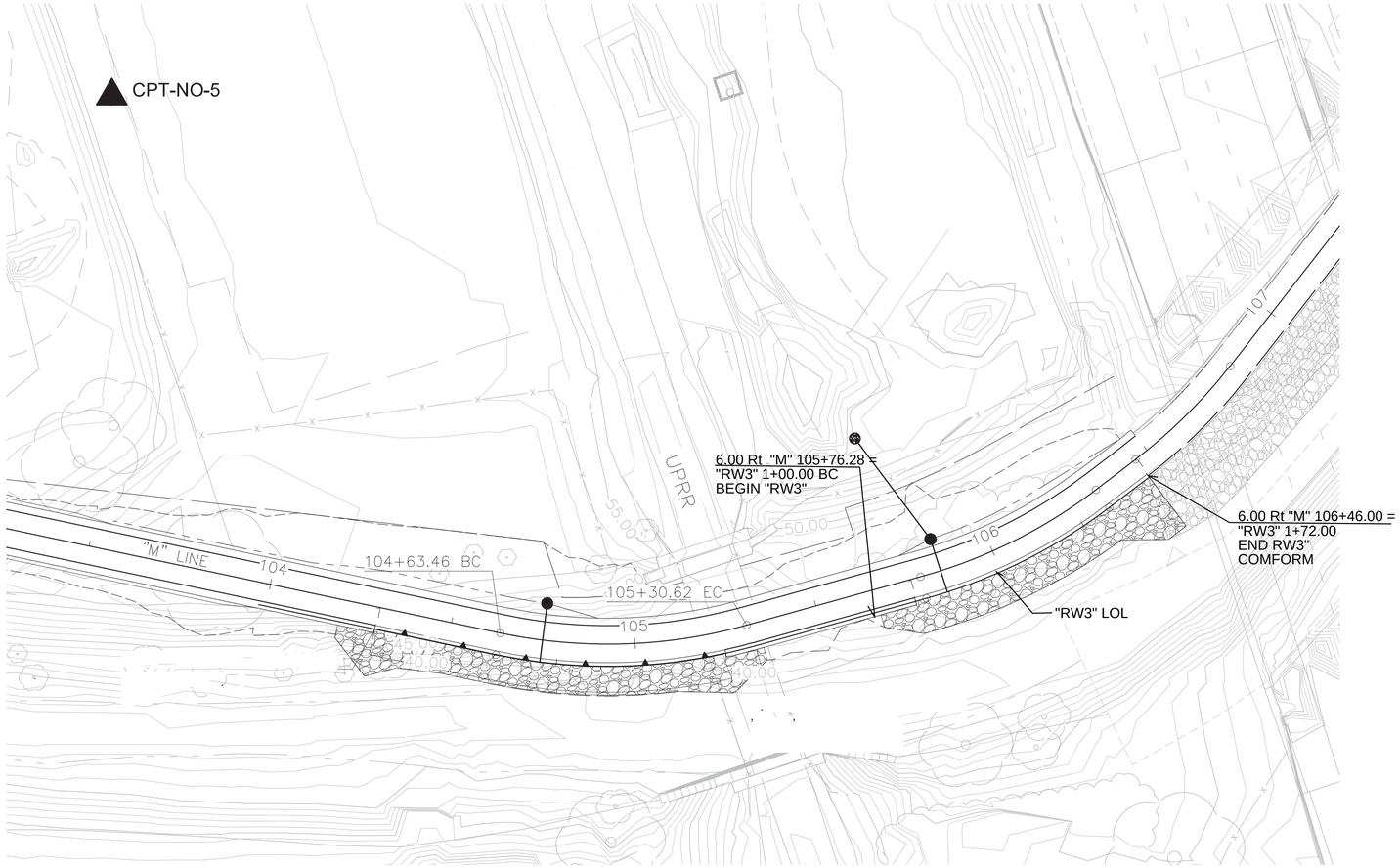
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — 12/31/23 EXP. GEOTECHNICAL — STATE OF CALIFORNIA

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DEWBERRY
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RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PLAN
1" = 20'

N-RW-15 RETAINING WALL No. 3

SHEET 78 OF 262

DESIGN OVERSIGHT / SIGN OFF DATE	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY: DATE: JULY 2023	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO.	SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)
	CHECKED BY	EMRE ORTAKCI				POST MILES	LOG OF TEST BORINGS **NO. 3**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				77	80

FILE => $REQUEST

161

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DATE PLOTTED => $DATE TIME PLOTTED => $TIME USERNAME => $USER

NOTES:

Standard Penetration Test Sampler: I.D. = 1.4"; O.D. = 2"
Modified California Sampler: I.D. = 2.5"; O.D. = 3" Hammer Assembly: A 140 lb hammer with a 30" drop (Automatic Hammer)

This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock, Logging, Classification, and Presentation Manual (2010)

See Caltrans 2022 Standard Plans A10F, A10G for Soil Legend.

All dimensions are in feet unless otherwise shown

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-NO-5	"M" Line	103+31 120' Lt.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	78	80

Gary Parikh
GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

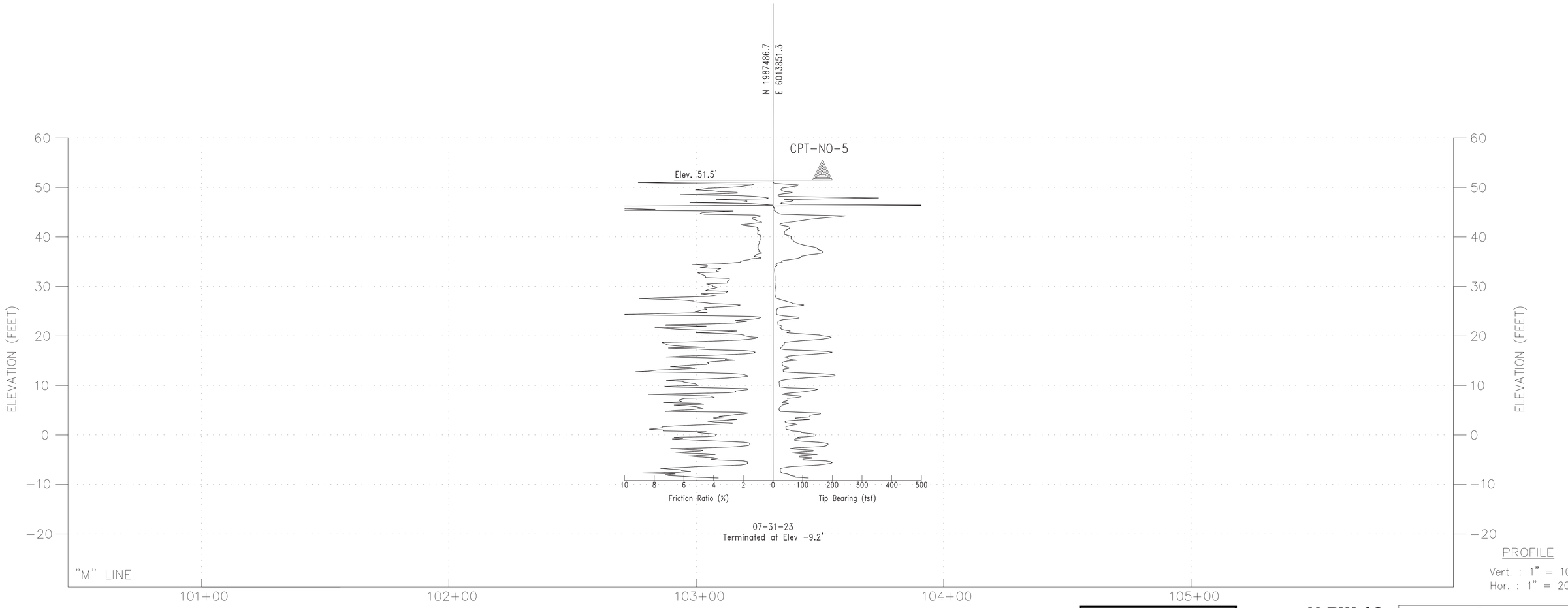
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 GEOTECHNICAL — STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 20'

SHEET 79 OF 262

N-RW-16 RETAINING WALL No.**3**

DESIGN OVERSIGHT
SIGN OFF DATE
DRAWN BY: KIM OUYANG
CHECKED BY: EMRE ORTAKCI
C. LANGBEIN
FIELD INVESTIGATION BY:
DATE: JULY 2023

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

EMRE ORTAKCI
PROJECT ENGINEER

BRIDGE NO.
POST MILES

SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)

LOG OF TEST BORINGS **NO. 4**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE:
CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES | SHEET 78 | OF 80

FILE => $REQUEST

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	79	80

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

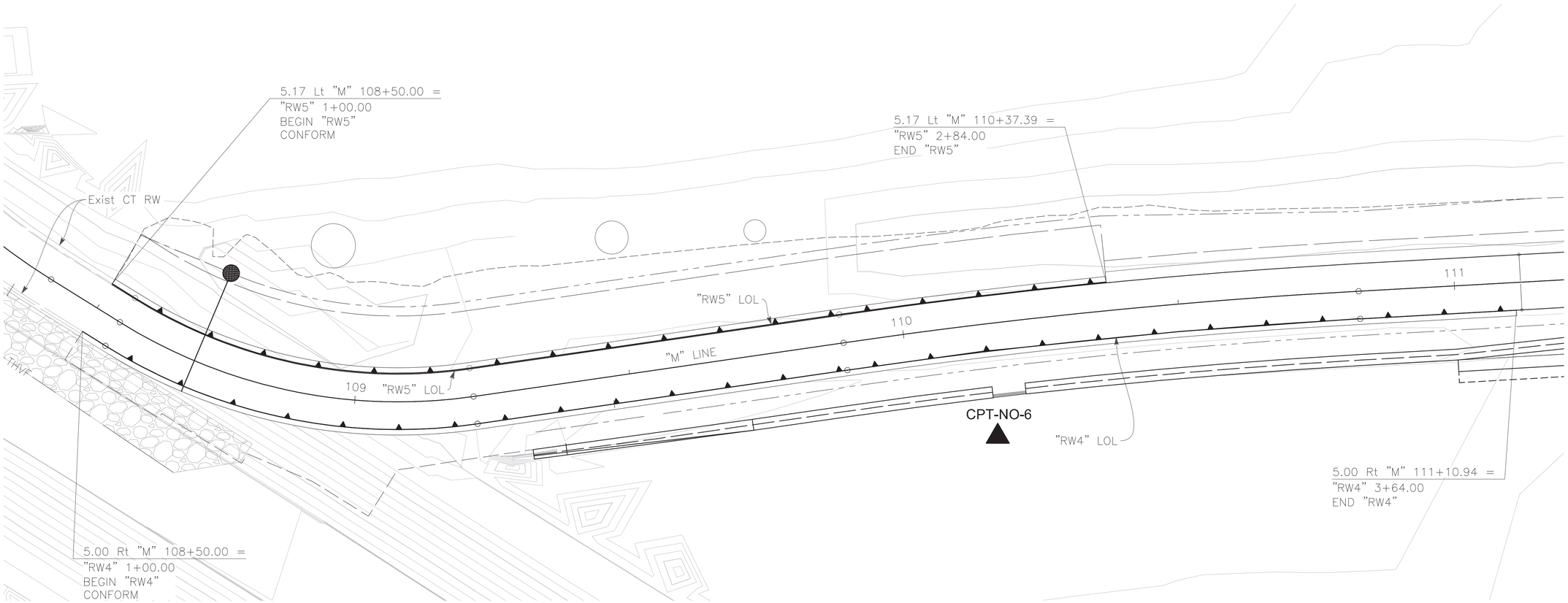
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

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DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PLAN
1" = 10'

SHEET 80 OF 262 **N-RW-17** RETAINING WALL No. 4 AND 5

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:		PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO.
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	DATE: JULY 2023				POST MILES

SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)

LOG OF TEST BORINGS **NO. 5**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				79	80

FILE => $REQUEST

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USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

NOTES:

Standard Penetration Test Sampler: I.D. = 1.4"; O.D. = 2"
Modified California Sampler: I.D. = 2.5"; O.D. = 3" Hammer Assembly: A 140 lb hammer with a 30" drop (Automatic Hammer)

This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock, Logging, Classification, and Presentation Manual (2010)

See Caltrans 2022 Standard Plans A10F, A10G for Soil Legend.

All dimensions are in feet unless otherwise shown

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-NO-6	"M" Line	110+15 58' Rt.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	80	80

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

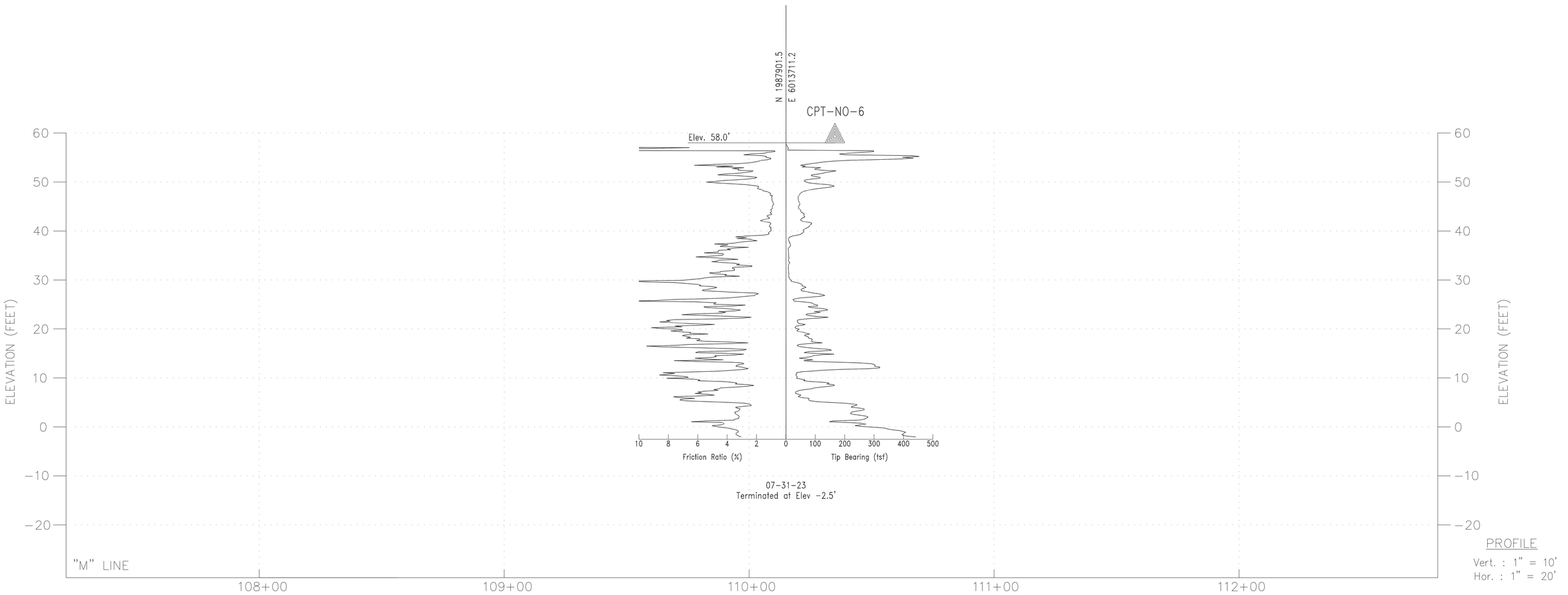
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

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DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 20'

SHEET 81 OF 262 **N-RW-18** RETAINING WALL No. 4 AND 5

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO.
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	DATE: JULY 2023			POST MILES

SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)

LOG OF TEST BORINGS **NO. 6**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				80	80

FILE => $REQUEST

S: \ACAD\2019-106\LOTB\RW4&RW5-z-lotb02.dwg, 11/17/2023 5:10 PM

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	1	159

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6	S-PC-1	PROJECT CONTROL
7-17	S-PP-1 TO S-PP-11	PLAN AND PROFILE
18-34	S-C-1 TO S-C-17	CONSTRUCTION DETAILS
35-39	S-WPC-1 TO S-WPC-5	TEMPORARY WATER POLLUTION PLAN
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129-159	S-ST-19 TO S-ST-49	PEDESTRIAN OVERCROSSING

CITY OF GOLETA

PUBLIC WORKS DEPARTMENT

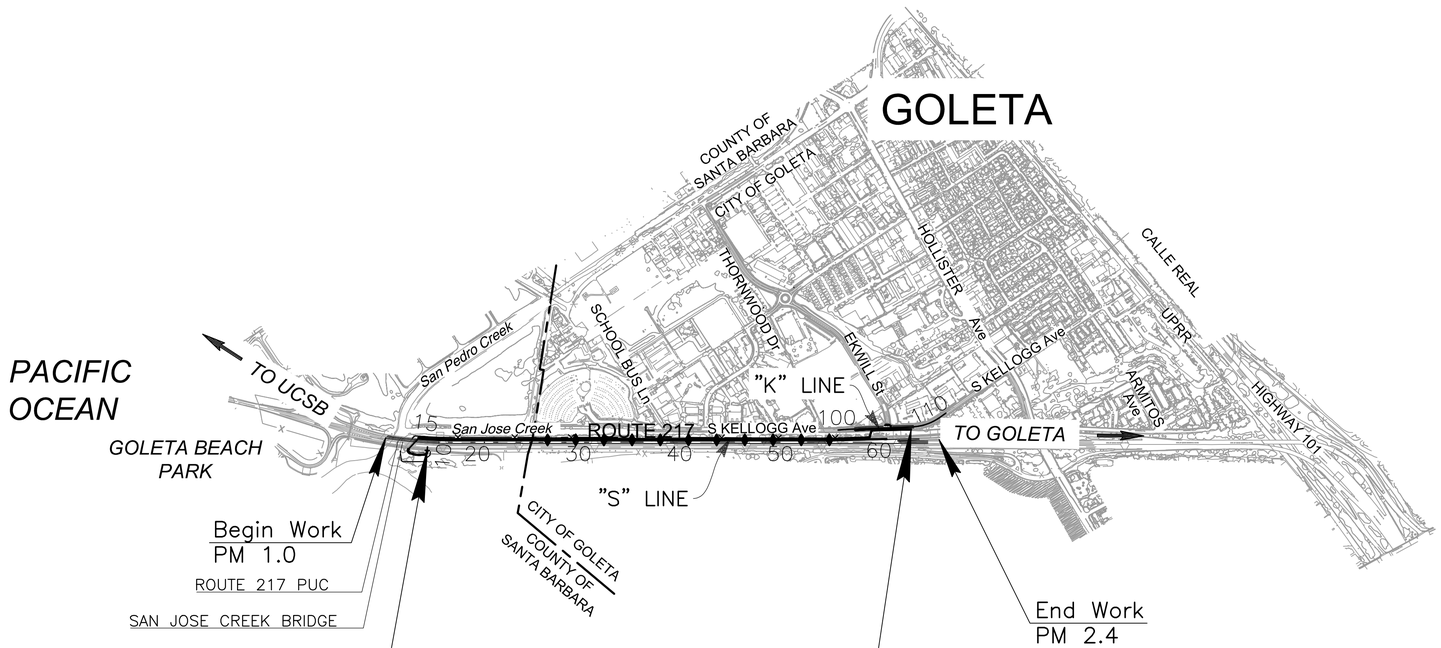
PROJECT PLANS FOR CONSTRUCTION FOR

SAN JOSE CREEK MULTIPURPOSE PATH PROJECT SOUTHERN SEGMENT

TO BE SUPPLEMENTED BY CALTRANS STANDARD PLANS DATED 2023
AND CITY OF GOLETA STANDARD DETAILS DATED SEPTEMBER 2011



1 **ADDENDUM No. 1 DATED APRIL 15, 2025**



BEGIN CONSTRUCTION
Sta "S" 10+28.10

END CONSTRUCTION
Sta "K" 107+23.28

NO SCALE

RECEIVED BY:

4/24/2025
DATE

1 ~~CITY ENGINEER~~ PUBLIC WORKS DIRECTOR

ORIGINAL SIGNED DATE

PUBLIC WORKS DEPARTMENT

THE ENGINEERS WHOSE STAMP AND SIGNATURE APPEAR HEREIN ARE IN RESPONSIBLE CHARGE OF PREPARING THESE PLANS AND SPECIFICATIONS.

03-14-25
DATE

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER

CHRISTIAN LAYTON
No. 95088
Exp. 9-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

03-14-25
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

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

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

CONSULTANT DESIGN ENGINEER	CALTRANS DESIGN OVERSIGHT APPROVAL	REGISTRATION No.	LICENSE Exp DATE
JOSE SILVA	KYLE BIRCH	74994	12-31-25
Exp DATE	DATE SIGNED		
12-31-25	03-14-25		

\\ran-fs\RanchoCordova\Projects\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-T-1.dwg, 4/23/2025 1:30 PM,

CITY OF GOLETA, DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
LAST REVISION 03-14-25

SHEET 82 OF 262

BORDER LAST REVISED 9/30/2012 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | UNIT 00000 | PROJECT NUMBER AND PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	2	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR EXACT LOCATION OF PAVEMENT, CURB, FENCE, RETAINING WALL AND HINGE POINT TRANSITIONS, SEE PLAN AND PROFILE SHEETS.
3. SUBGRADE TO BE SAME AS TYPICAL SURFACE SLOPE UNLESS OTHERWISE NOTED.
4. SEE STRUCTURES PLANS FOR LOCATION, PLACEMENT AND DETAILS OF RETAINING WALL AND PEDESTRIAN OVERCROSSING.

ROUTE 217 DESIGN DESIGNATION

ADT (2015)	11,350	D	N/A
ADT (2045)	12,155	T	8.0%
DHV	1,053	V	65 MPH
ESAL	2,400,000	TI_{20}	10.0

SOUTH KELLOGG AVENUE DESIGN DESIGNATION

CLASSIFICATION: MINOR ARTERIAL
V=45 MPH

MULTI PURPOSE TRAIL DESIGN DESIGNATION

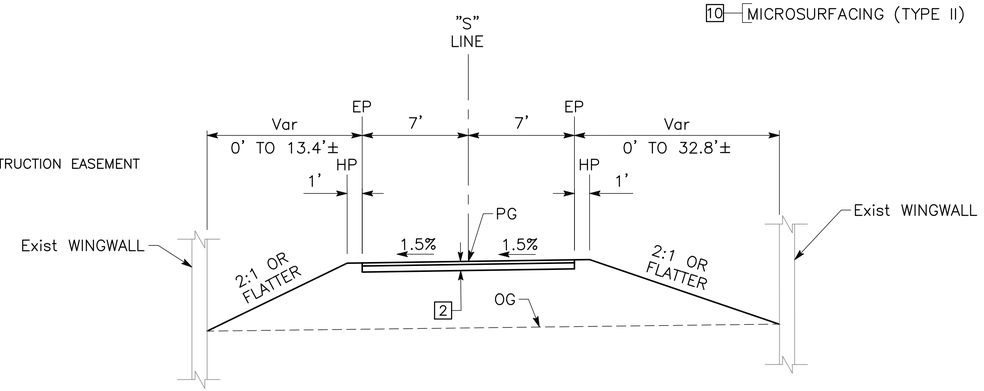
CLASSIFICATION: CLASS 1 TRAIL
V=20 MPH

LIST OF ABBREVIATIONS

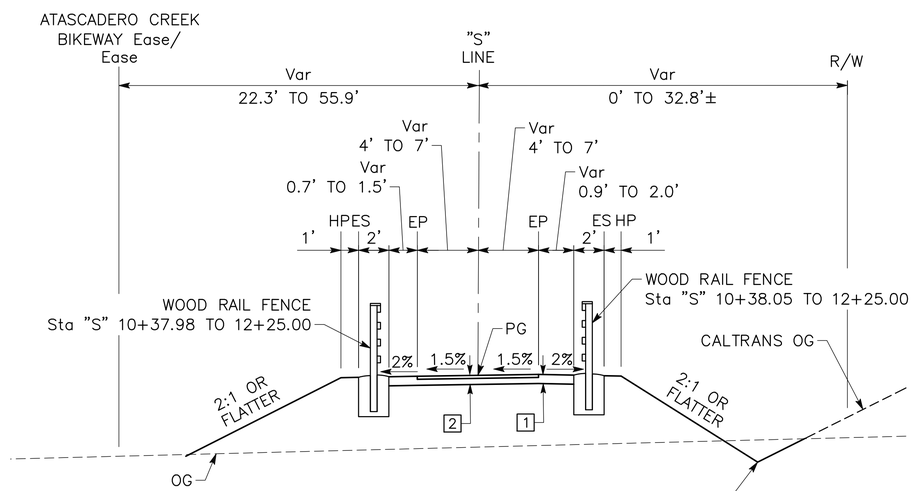
AC = ASPHALT CONCRETE
AP = ANGLE POINT
BOC = BACK OF CURB
BOW = BACK OF WALK
Ease = EASEMENT
EP = EDGE OF PAVEMENT
ES = EDGE OF SHOULDER
ETW = EDGE OF TRAVELED WAY
FL = FLOW LINE
GB = GRADE BREAK
HMA = HOT MIX ASPHALT
HP = HINGE POINT
OG = ORIGINAL GROUND
PG = PROFILE GRADE
Ret = RETAINING
R/W = RIGHT OF WAY
S/C = SAWCUT
TCE = TEMPORARY CONSTRUCTION EASEMENT
Typ = TYPICAL
Var = VARIES

STRUCTURAL SECTIONS

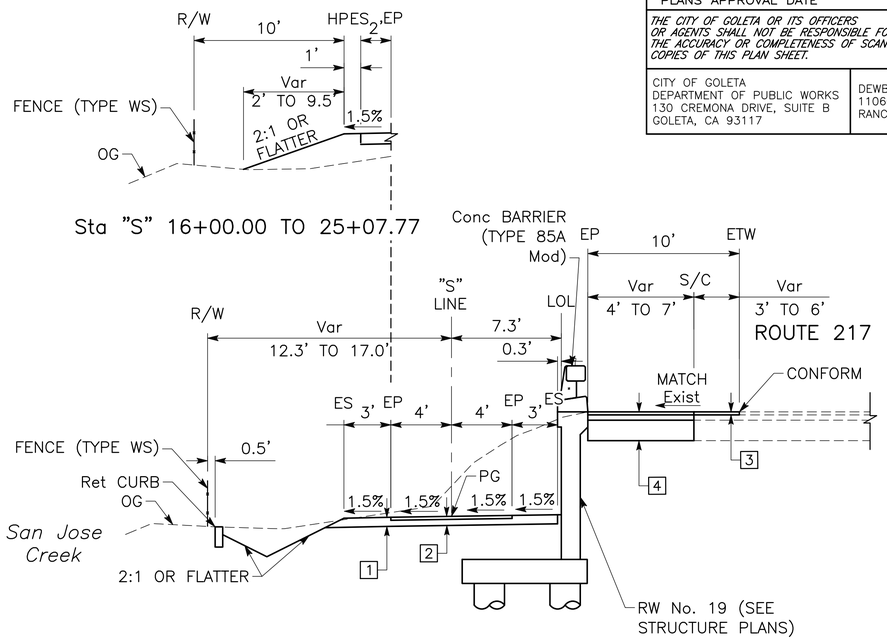
1. 0.92' AB (CLASS 2)
2. 0.42' HMA
   0.50' AB (CLASS 2)
3. 0.20' COLD PLANE
   0.20' RHMA OVERLAY
4. 0.20' RHMA (GAP GRADED)
   0.35' HMA (TYPE A)
   1.35' CLASS 2 AB
5. 0.55' HMA (TYPE A)
6. 0.40' HMA (TYPE A)
7. MICROSURFACING (TYPE II)
   0.50' HMA (TYPE A)
   1.50' CLASS 2 AB
8. 0.50' HMA (TYPE A)
9. 0.50' PCC
10. MICROSURFACING (TYPE II)



"S" LINE Sta 12+45.17 TO 12+86.76 (BEGIN CULVERT)

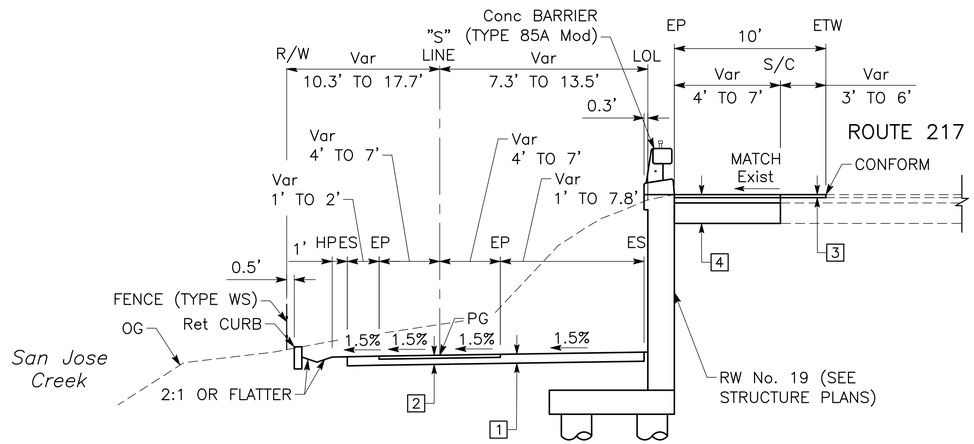


"S" LINE Sta 10+35.21 TO 12+45.17



Sta "S" 16+00.00 TO 25+07.77

"S" LINE Sta 14+70.48 TO 25+07.88



"S" LINE Sta 14+33.98 (END CULVERT) TO 14+70.48

TYPICAL CROSS SECTIONS

NO SCALE

S-X-1

SHEET 83 OF 262

CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-X1-X3.dwg, 3/13/2025 6:01 PM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 6:01 pm

BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SE-R-X1-X3.dwg
RELATIVE BORDER SCALE IS IN INCHES
0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	3	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

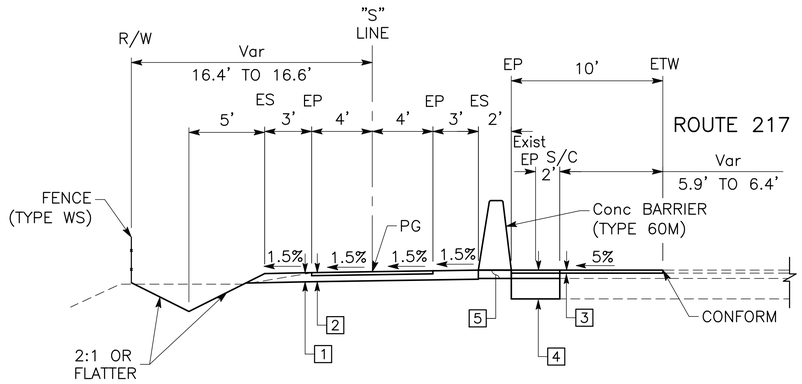
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

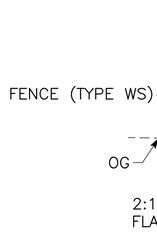
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

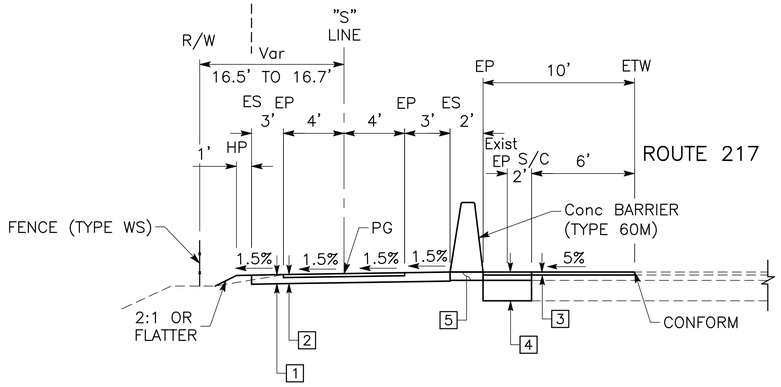
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



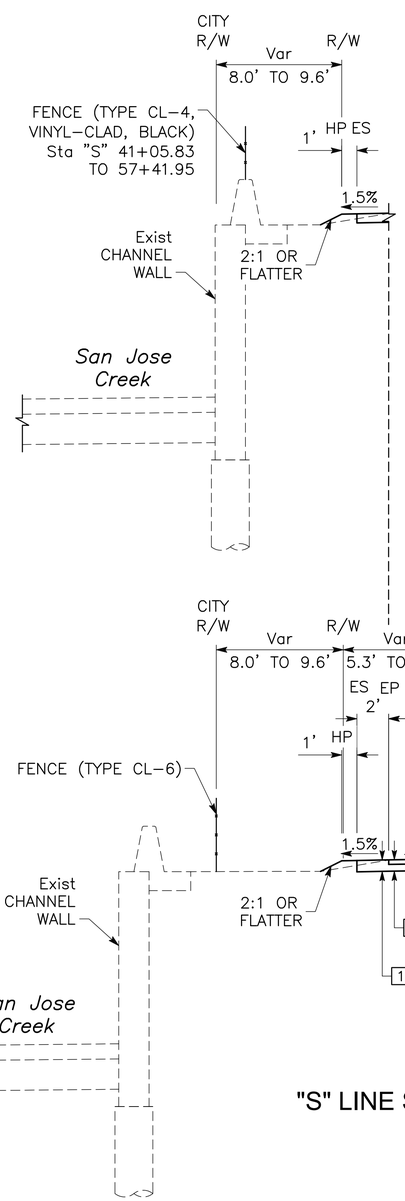
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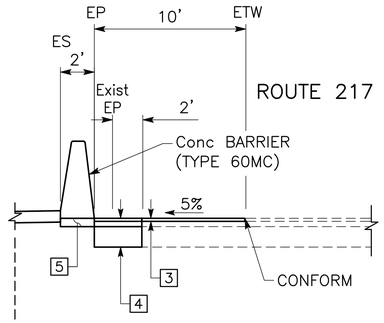


Sta "S" 27+00.00 TO 28+50.00

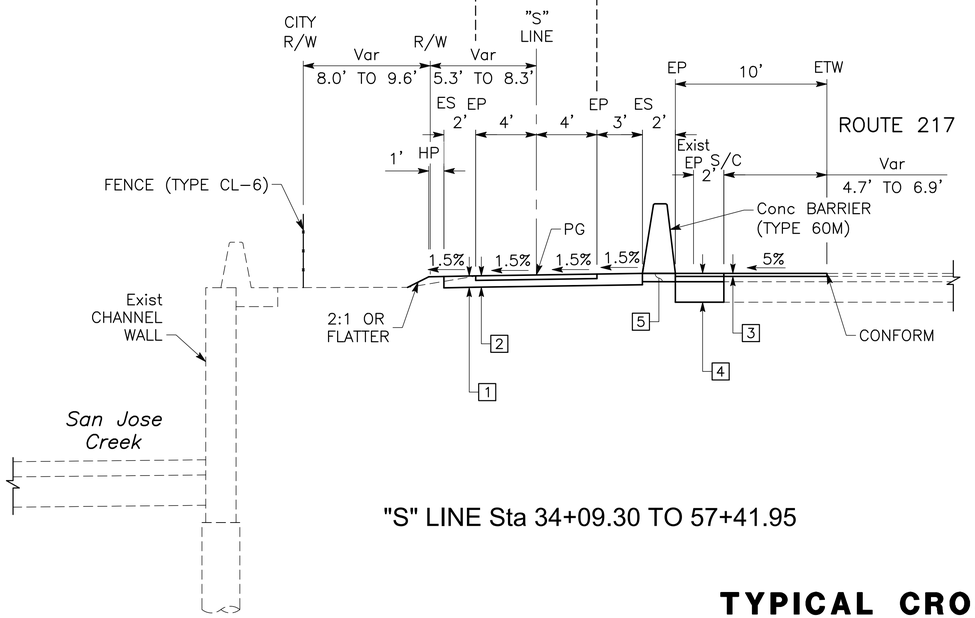


"S" LINE Sta 25+07.88 TO 28+50.00





Sta "S" 57+10.00 TO 57+41.95



"S" LINE Sta 34+09.30 TO 57+41.95

TYPICAL CROSS SECTIONS

NO SCALE

SHEET 84 OF 262

S-X-2

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-X1-X3.dwg, 3/13/2025 6:01 PM

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 13, 2025 | TIME PLOTTED => 6:01 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-X1-X3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	4	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

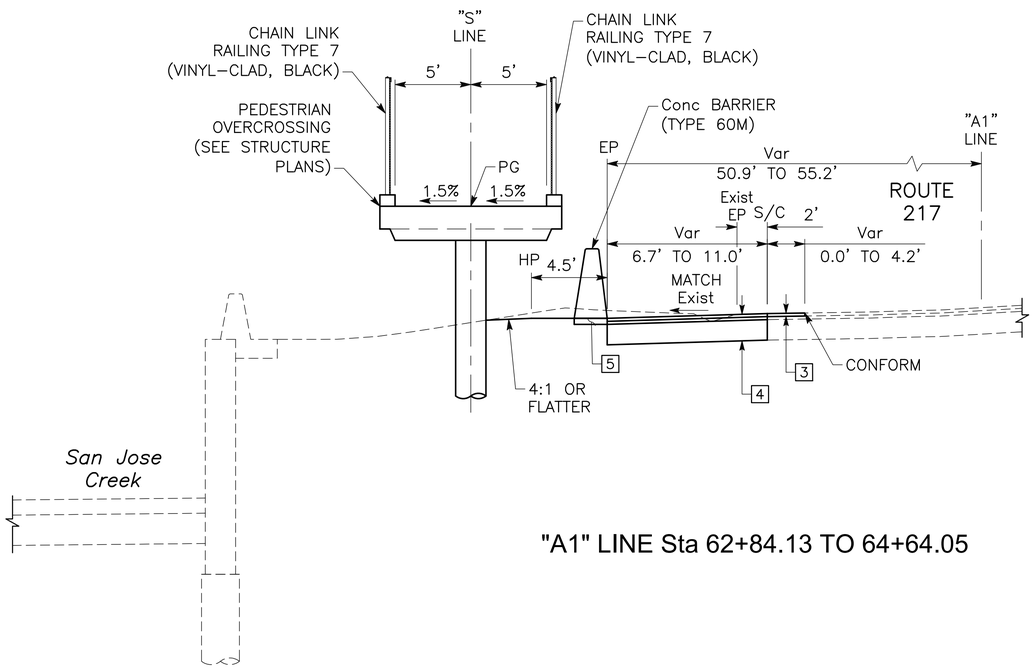
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

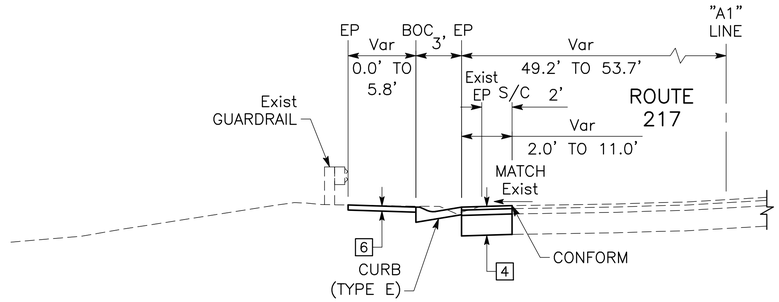
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

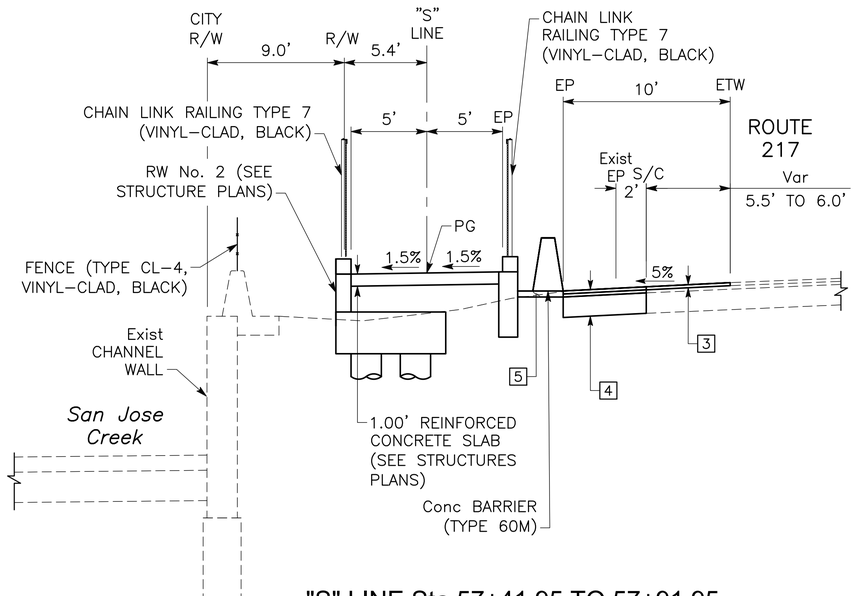
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



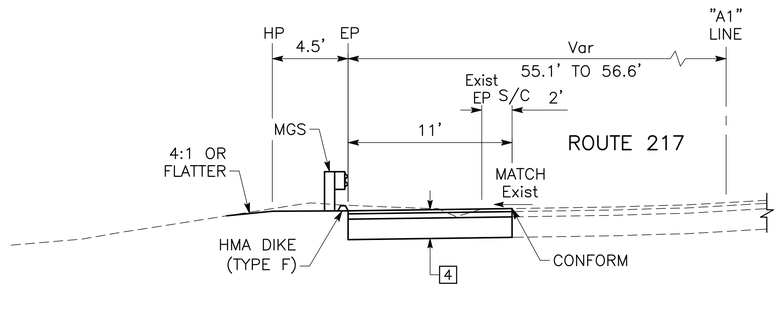
"A1" LINE Sta 62+84.13 TO 64+64.05



"A1" LINE Sta 65+13.67 TO 65+63.54



"S" LINE Sta 57+41.95 TO 57+91.95



"A1" LINE Sta 64+64.05 TO 65+13.67

TYPICAL CROSS SECTIONS

NO SCALE

S-X-3

SHEET 85 OF 262

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-X1-X3.dwg, 3/13/2025 6:01 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 6:01 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-X1-X3.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

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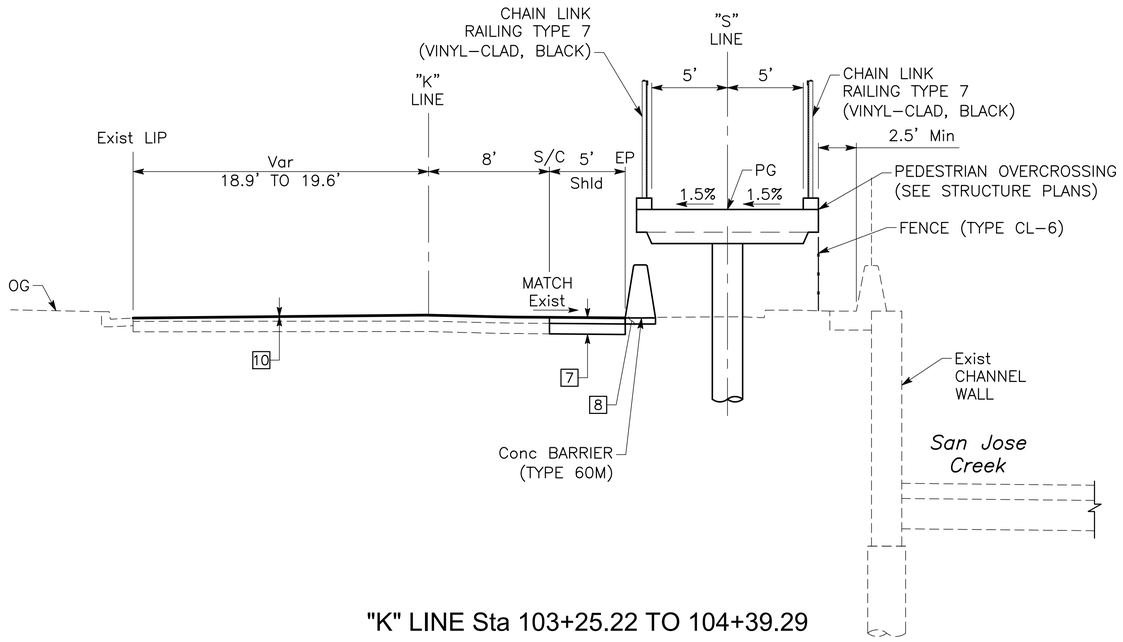
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

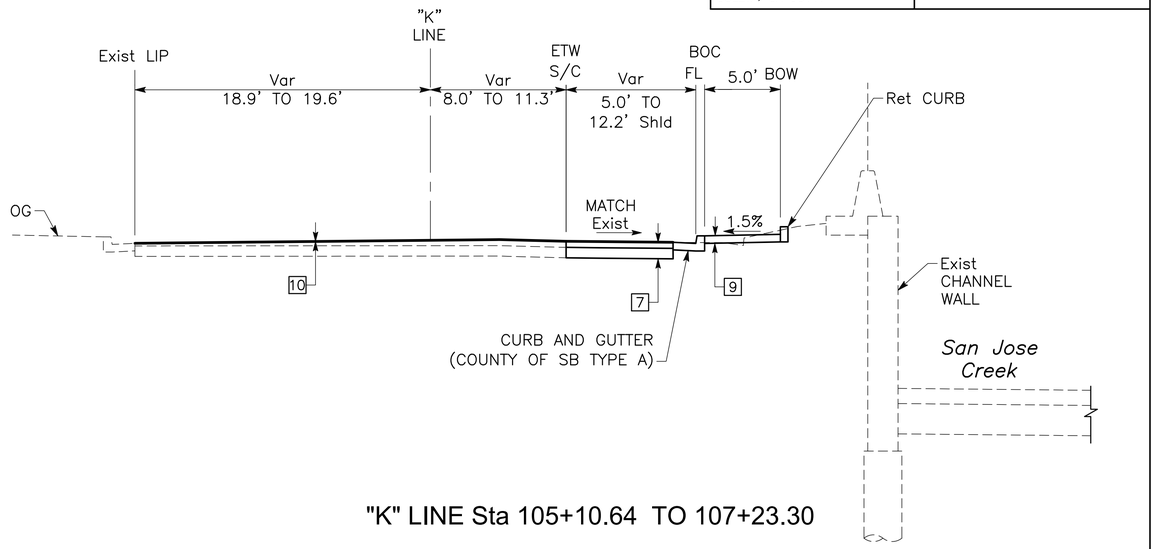
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130 CREMONA DRIVE, SUITE B
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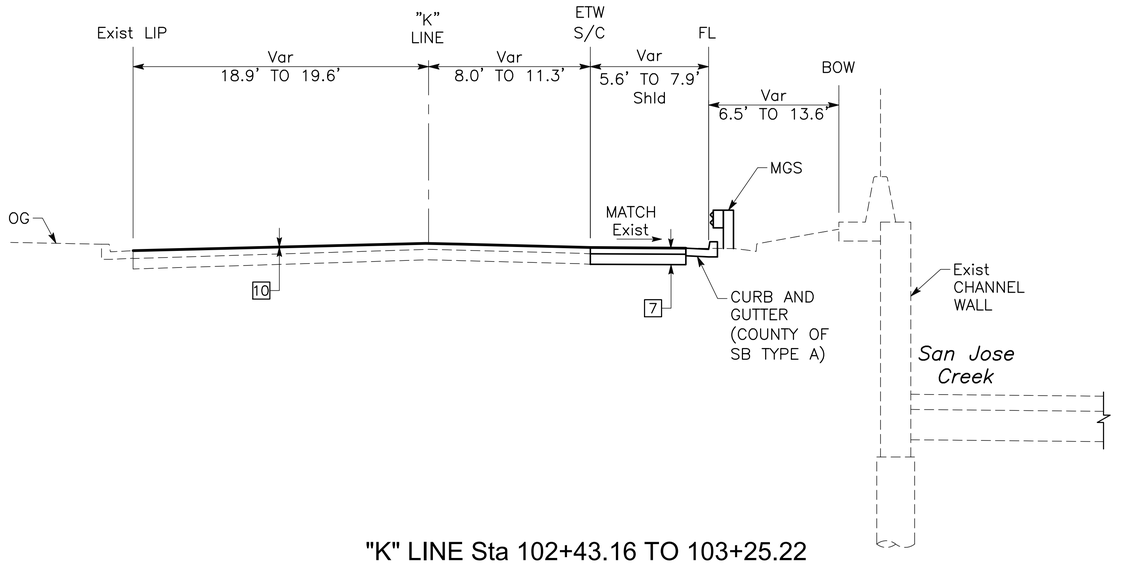
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



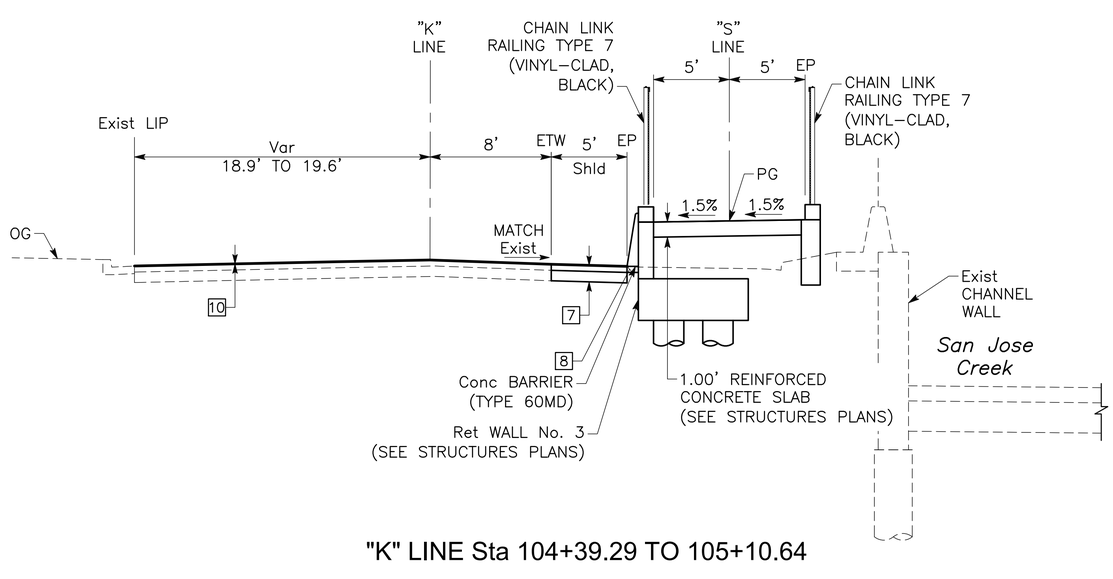
"K" LINE Sta 103+25.22 TO 104+39.29



"K" LINE Sta 105+10.64 TO 107+23.30



"K" LINE Sta 102+43.16 TO 103+25.22



"K" LINE Sta 104+39.29 TO 105+10.64

TYPICAL CROSS SECTIONS

NO SCALE

S-X-4

SHEET 86 OF 262

\\ran-fs\RanchoCordova\Projects\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-X1-X3.dwg, 3/13/2025 6:05 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 6:05 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SE-R-X1-X3.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

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03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONTROL FOR DESIGN AND CONSTRUCTION

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
4	1983318.54	6009638.41	12.82	CP 2.5" BC
7	1985437.60	6013614.67	41.10	CP AERIAL TARGET
10	1983547.01	6010542.92	15.65	CP SCRIBE X TC
11	1984039.66	6010564.92	17.52	CP MAG NL AC
14	1981320.95	6010616.09	7.41	CP AERIAL TARGET
20	1984513.09	6012513.91	24.95	CP SCRIBE X CNC
27	1983821.25	6012904.46	21.63	CP 2.5" BC TC
99	1981709.36	6010471.38	11.96	FD MON 1.25" BC SBCO HDWL
101	1981216.01	6009258.06	17.56	CP AERIAL TARGET-MAG NL AC
102	1980320.82	6010573.93	10.51	CP AERIAL TARGET-3/4" IP+PP
103	1983141.84	6010518.46	13.12	CP AERIAL TARGET-MAG NL AC
104	1982251.23	6011858.47	17.03	CP AERIAL TARGET-MAG NL AC
105	1985283.63	6012127.65	29.42	CP AERIAL TARGET-MAG NL AC
106	1984487.27	6013433.92	29.79	CP AERIAL TARGET-MAG NL AC
122	1982838.47	6010510.00	10.70	CP OLD GIN SPK
123	1982994.42	6010504.91	12.01	CP OLD MAG NL AC
459	1982702.78	6009672.11	13.83	CP OLD 3/4" IP CAP
461	1982824.57	6010855.96	11.76	CP OLD MAG SPIKE
463	1984005.99	6010919.43	15.45	CP OLD SCRIBE X TC
601	1981852.59	6010624.17	13.91	CP 3/4" IP+PP
602	1981404.84	6010306.18	11.56	CP 3/4" IP+PP
603	1980724.55	6009833.05	10.01	CP 3/4" IP+PP

LEGEND:

- CP # — SURVEY CONTROL POINT
- ——— RIGHT OF WAY (R/W)
- - - - - - - - - EXIST EASEMENT (Ease)
- — — — — — PROPOSED EASEMENT (Ease)
- ---------- PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE)

NOTES:

1. HORIZONTAL AND VERTICAL DATUM:

   HORIZONTAL: NAD83, 2014.50 EPOCH
   VERTICAL: NAVD88

2. BASIS OF BEARINGS AND MEASUREMENTS:

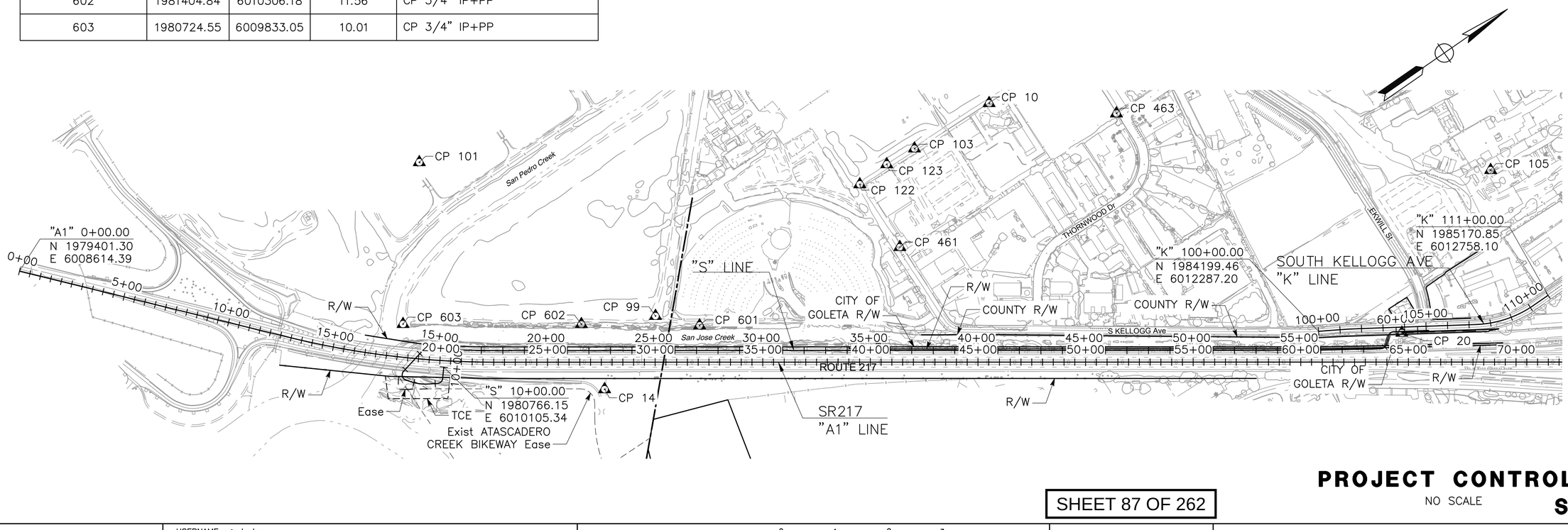
   THE ORIGINAL SURVEY WAS ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CALIFORNIA STATE PLANE COORDINATE SYSTEM OF 1983 (CCS83), ZONE 5 (1991.35 EPOCH). A HORIZONTAL TRANSLATION WAS PERFORMED TO MATCH SUBSEQUENT CALTRANS FIELD SURVEYS AND CONTROL REPORT UPDATES. THE PROJECT CONTROL LISTED BELOW REPRESENTS A BEST FIT TRANSLATION TO MATCH THE 2014.50 EPOCH COORDINATES. THE MEASURED DISTANCES FOR THE PROJECT ARE GRID DISTANCES. TO OBTAIN GROUND LEVEL DISTANCES MULTIPLY GRID DISTANCES BY 1.000057023 CALCULATED AT CONTROL POINT 104.

3. BASIS OF ELEVATIONS:

   VERTICAL CONTROL FOR THIS PROJECT CONSISTED OF TIES FROM THE NATIONAL GEODETIC SURVEY (NGS) BENCHMARKS C-64 AND 43 LA=F-28.

   NGS BENCHMARK DESIGNATION - 43 LA=F 28, PID - EW3774: ELEV. 48.36 FEET (NAVD 88) FOUND A CAPPED 3-1/2 INCH IRON PIPE FLUSH WITH GROUND. IN GOLETA, CA NEAR THE INTERSECTION OF THE SPRR WITH KELLOGG AVENUE, 117 FEET SOUTH OF THE NEAR RAIL, 29 FEET EAST OF THE CENTER OF KELLOGG AVENUE.

   NGS BENCHMARK DESIGNATION - C-64, PID - EW3773: ELEV. 35.35 FEET (NAVD 88) MONUMENT IS A BRASS DISK STAMPED "C 64 1927" SET IN THE NORTH FACE OF THE GOLETA VALLEY COMMUNITY CENTER AT 5679 HOLLISTER AVENUE. DISK IS LOCATED APPROXIMATELY 14 FEET EAST OF THE CENTER DOOR OF THREE ENTRANCE DOORS BELOW A TELEPHONE MOUNT.



PROJECT CONTROL

NO SCALE

S-PC-1

SHEET 87 OF 262

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-PC.dwg, 3/13/2025 6:08 PM

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	
JOSE SILVA	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 6:08 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-PC.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	7	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

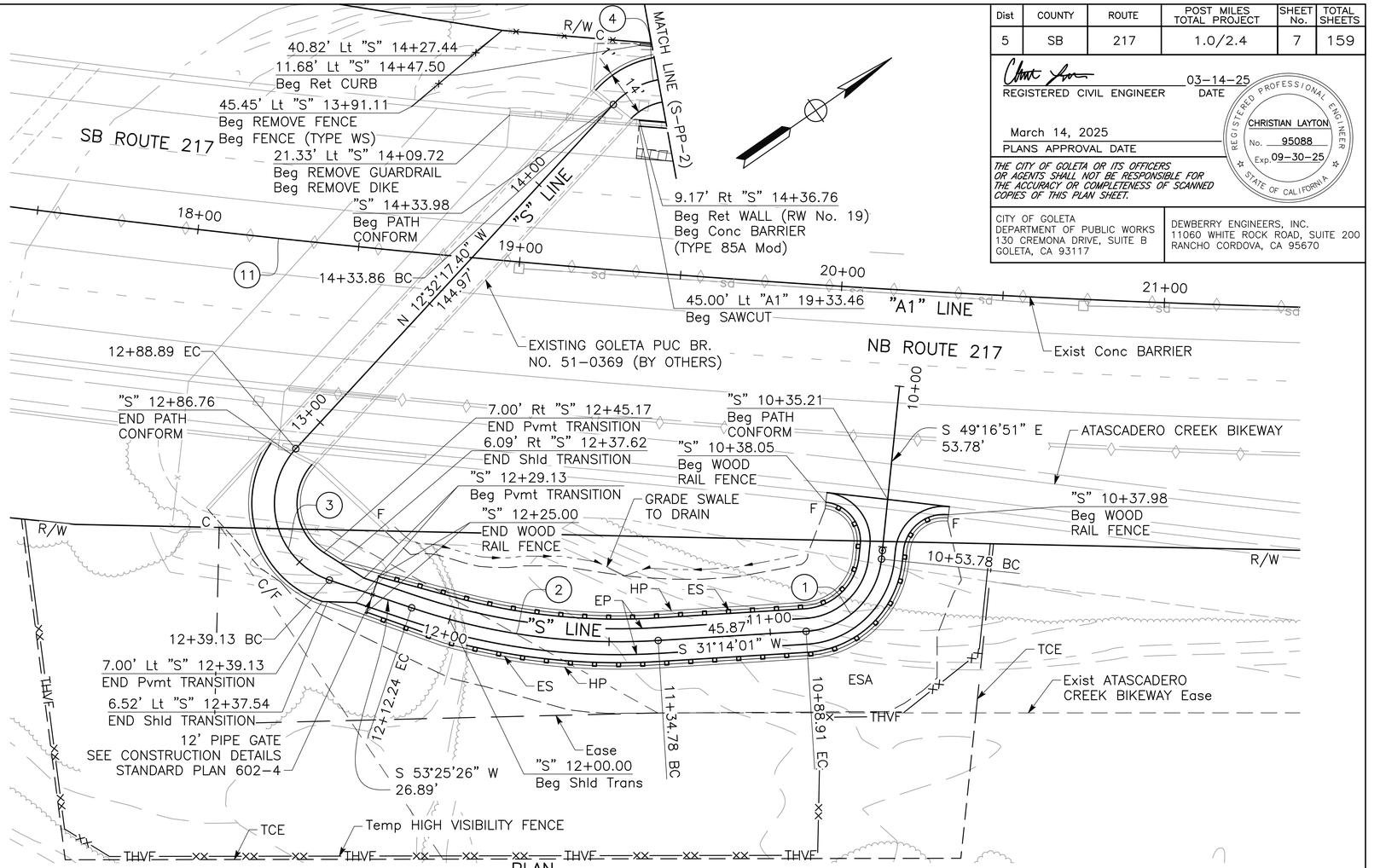
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. UTILITIES SHOWN ARE APPROXIMATE. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. SEE UTILITY PLANS.
3. REFERENCES TO "CALTRANS OG" PERTAIN TO AN OVERLAPPING PROJECT THAT WILL BE CONSTRUCTED PRIOR TO THIS PROJECT.
4. DIMENSIONS TO CONCRETE BARRIER ARE TO THE CENTERLINE OF BARRIER.
5. FOR TEMPORARY HIGH VISIBILITY FENCE (THVF), SEE CONSTRUCTION DETAILS. INCLUDES ENVIRONMENTALLY SENSITIVE AREA (ESA) AND SPECIES PROTECTION AREA (SPA).

LEGEND:

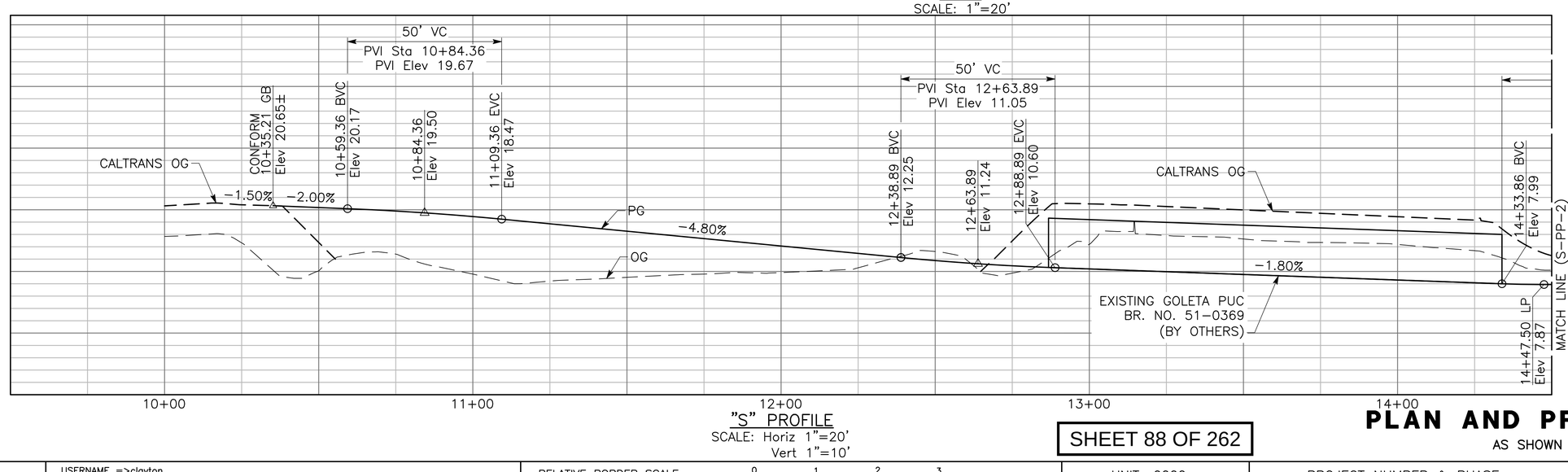
- WOOD RAIL FENCE
- SAWCUT
- CUT (C)
- FILL (F)
- CONCRETE BARRIER
- FLOWLINE
- FENCE
- THVF — TEMPORARY HIGH VISIBILITY FENCE
- RETAINING WALL AND CONCRETE BARRIER
- MIDWEST GUARDRAIL SYSTEM
- COLD PLANE AND RHMA OVERLAY

CURVE DATA

No.	R	Δ	T	L
1	25.0'	80°30'51"	21.17'	35.13'
2	200.0'	22°11'26"	39.22'	77.46'
3	25.0'	114°02'16"	38.52'	49.76'
4	25.0'	60°47'53"	14.67'	26.53'
11	4000.0'	13°48'52"	484.56'	964.43'



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 88 OF 262

PLAN AND PROFILE

AS SHOWN

S-PP-1

REVISED BY | DATE REVISED
CHRISTIAN LAYTON | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:28 AM

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 8:28 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. REFERENCES TO "CALTRANS OG" PERTAIN TO AN OVERLAPPING PROJECT THAT WILL BE CONSTRUCTED PRIOR TO THIS PROJECT.
3. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

CURVE DATA				
No.	R	Δ	T	L
5	440.0'	10°16'21"	39.55'	78.89'
6	3946.0'	3°14'08"	111.45'	222.83'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	8	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

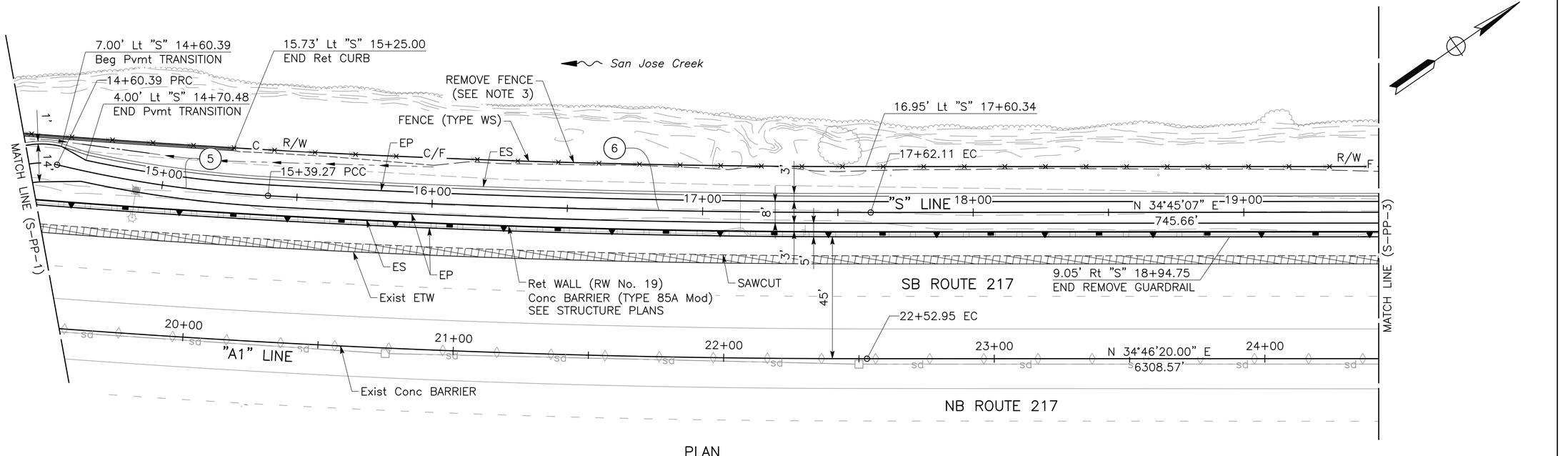
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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

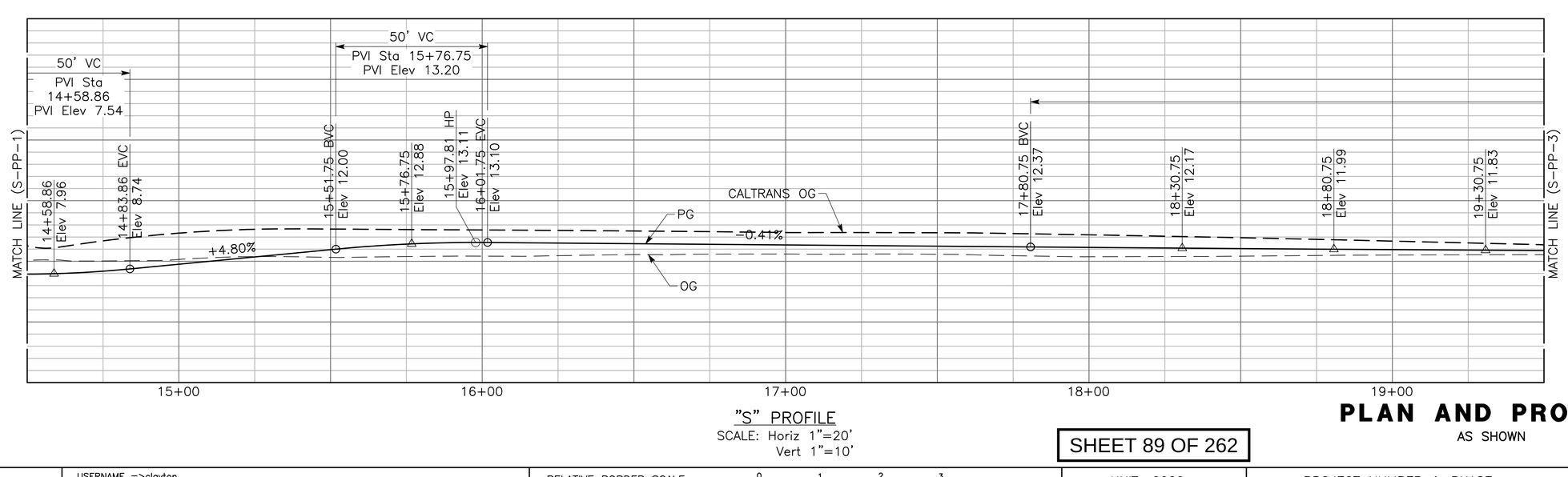
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN

SCALE: 1"=20'



"S" PROFILE

SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 89 OF 262

PLAN AND PROFILE

AS SHOWN

S-PP-2

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:29 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	9	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

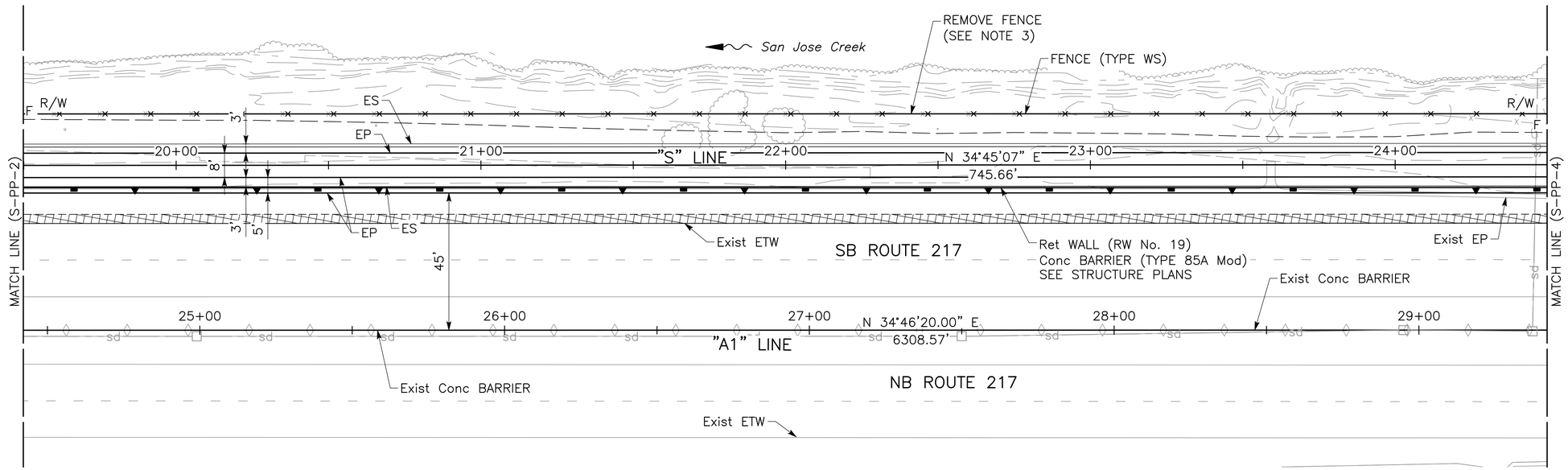
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

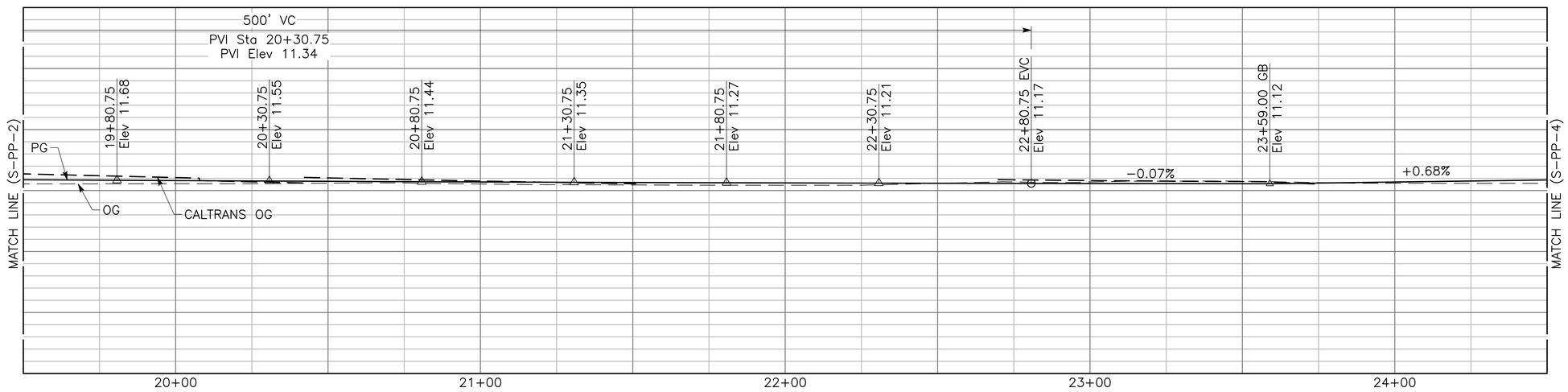
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. REFERENCES TO "CALTRANS OG" PERTAIN TO AN OVERLAPPING PROJECT THAT WILL BE CONSTRUCTED PRIOR TO THIS PROJECT.
3. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 90 OF 262

PLAN AND PROFILE
AS SHOWN

S-PP-3

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:29 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SE-R-L.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	10	159

Christian Layton 03-14-25
REGISTERED CIVIL ENGINEER DATE

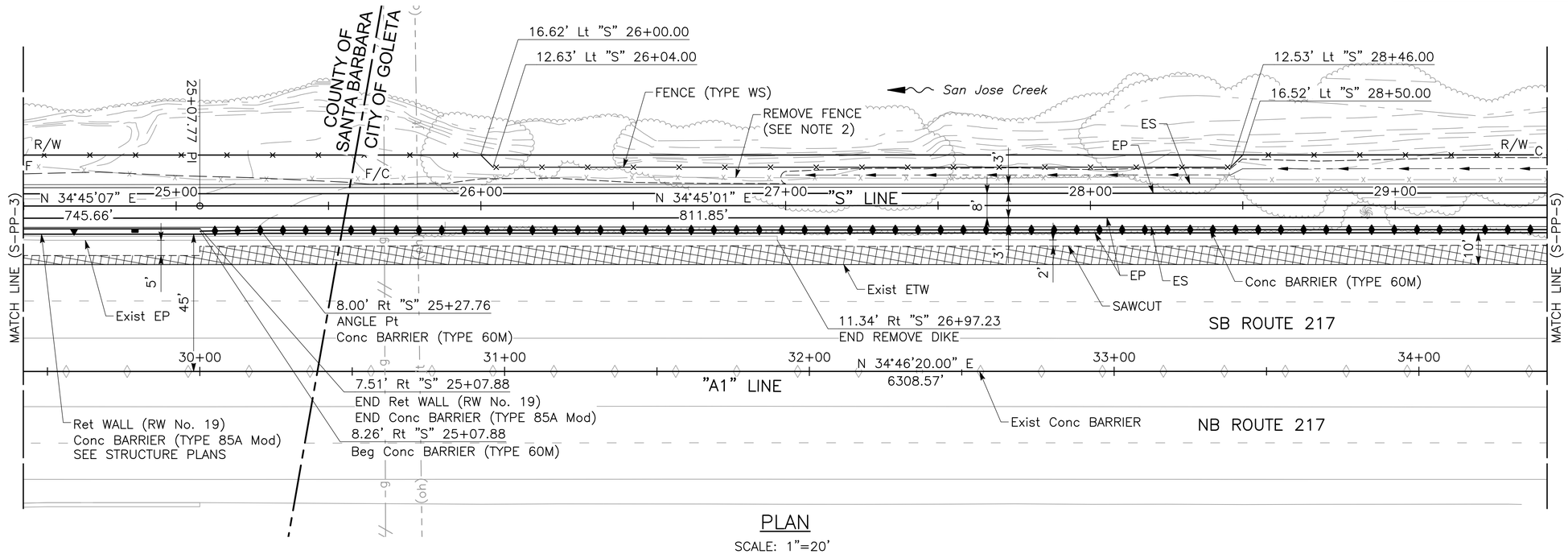
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

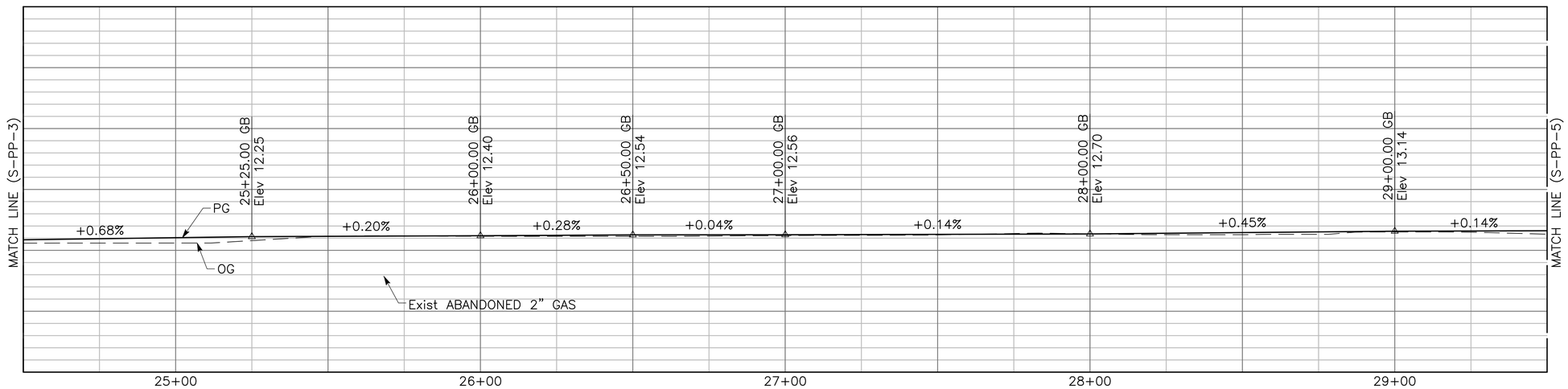
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 91 OF 262

PLAN AND PROFILE
AS SHOWN

S-PP-4

DATE	REVISED BY

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

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BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SE-R-L.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	11	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

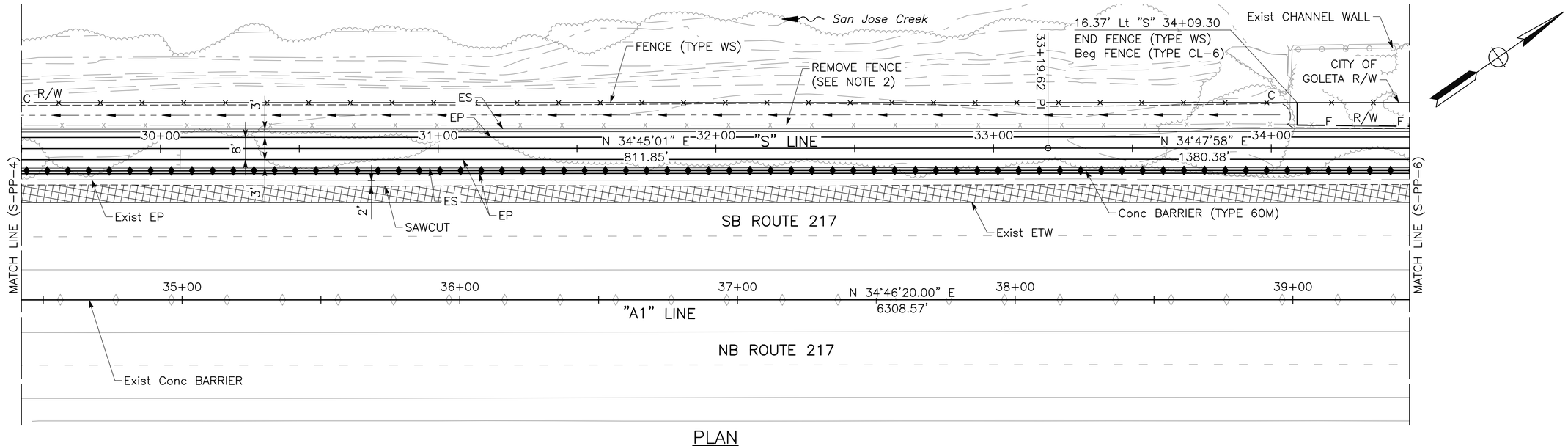
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

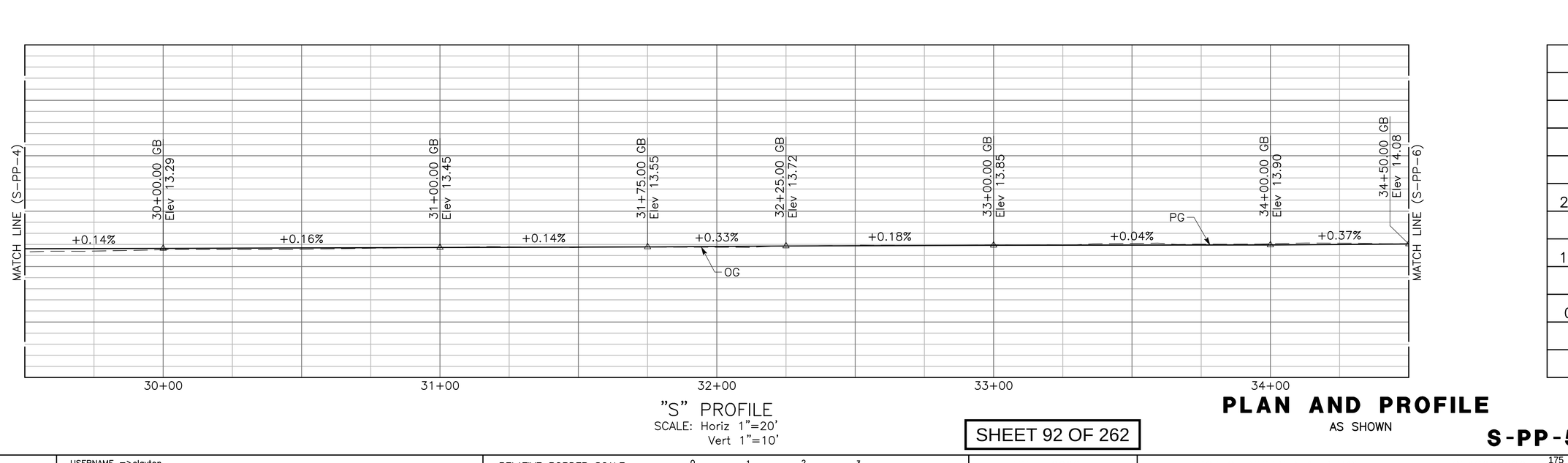
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 92 OF 262

PLAN AND PROFILE
AS SHOWN

S-PP-5

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

REVISED BY | DATE REVISED
CHRISTIAN LAYTON | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	12	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

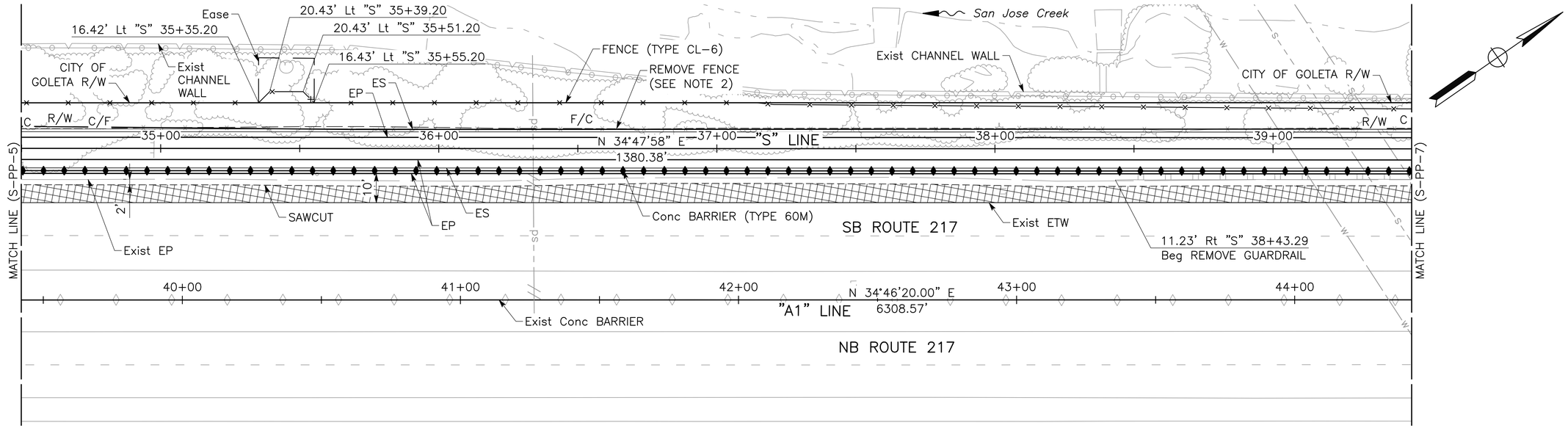
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

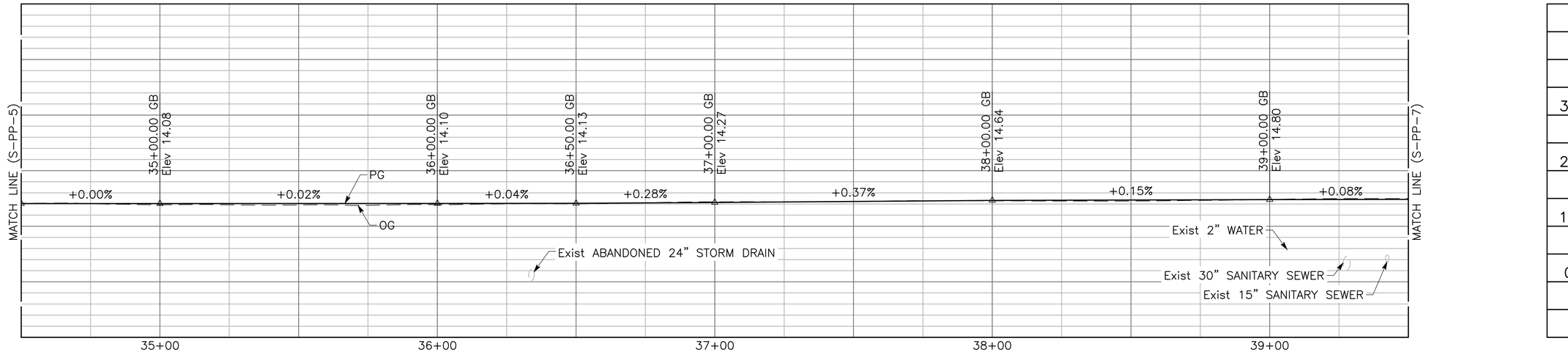
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN

SCALE: 1"=20'



"S" PROFILE

SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 93 OF 262

PLAN AND PROFILE

AS SHOWN

S-PP-6

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
DRAWN BY
REVISED BY
DATE REVISED

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

LEGEND (FOR SHEETS S-PP-7 THRU S-PP-10):

— — — COASTAL ZONE BOUNDARY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	13	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

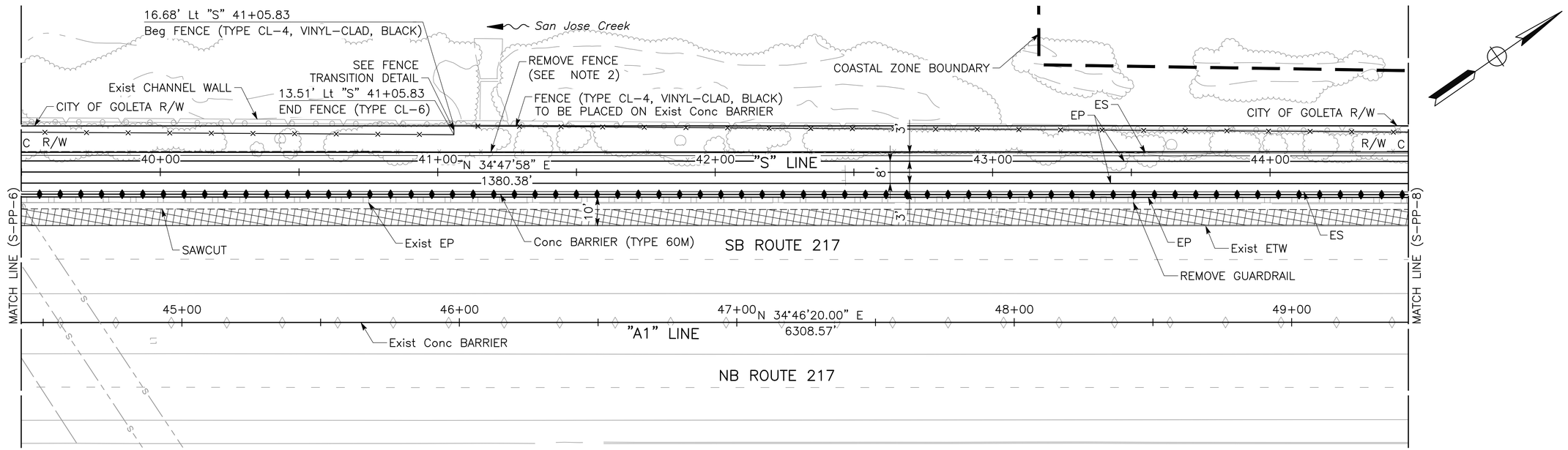
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

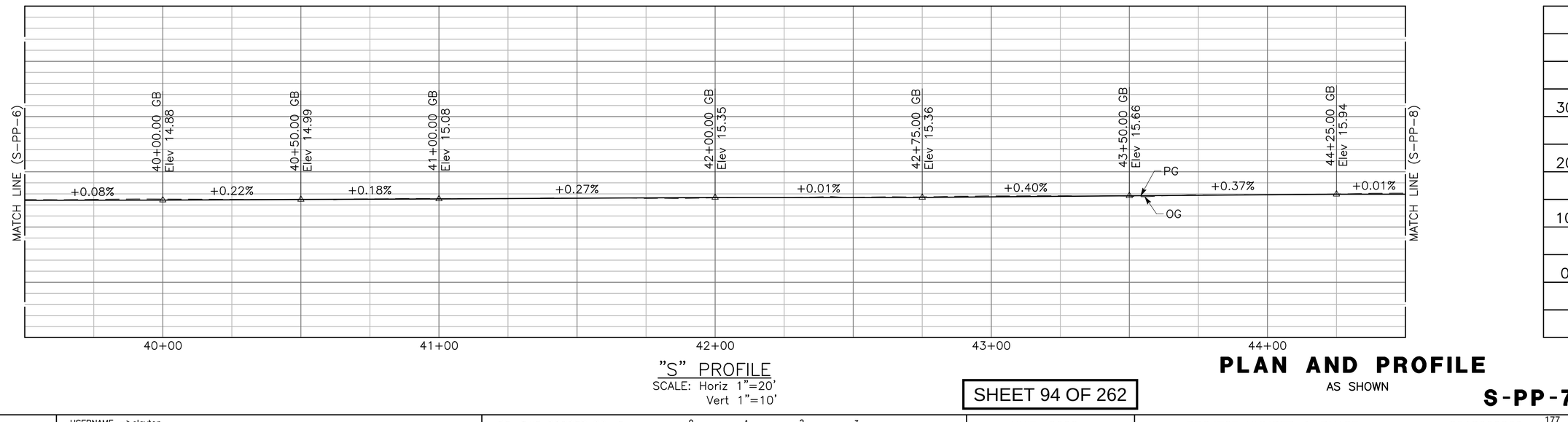
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 94 OF 262

PLAN AND PROFILE
AS SHOWN

S-PP-7

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:29 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:29 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 177

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	14	159

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

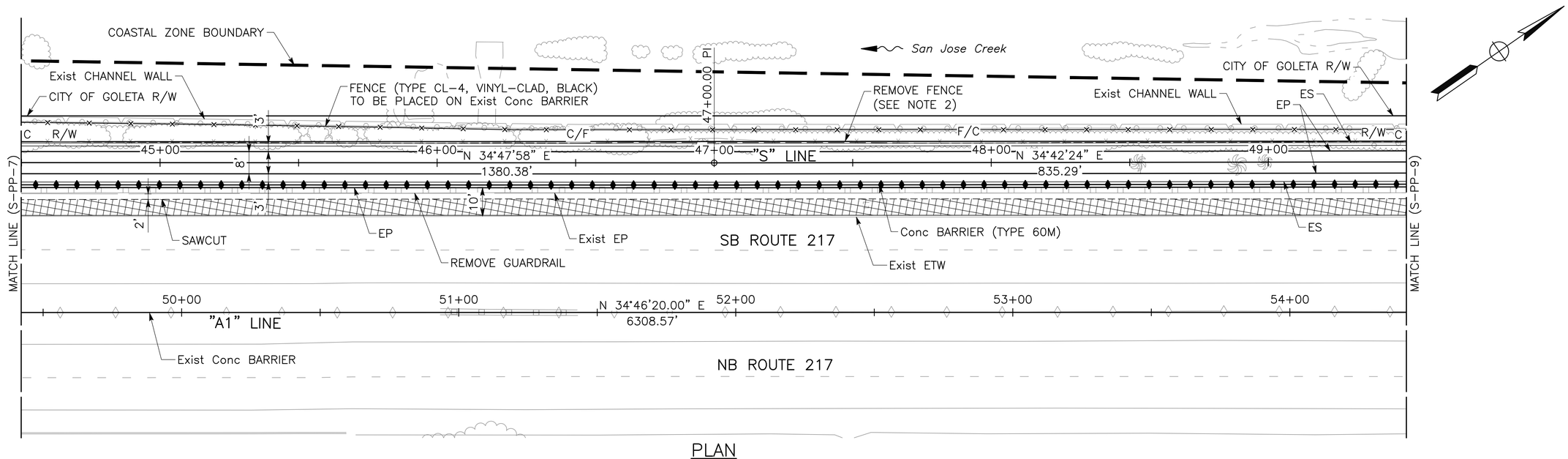
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

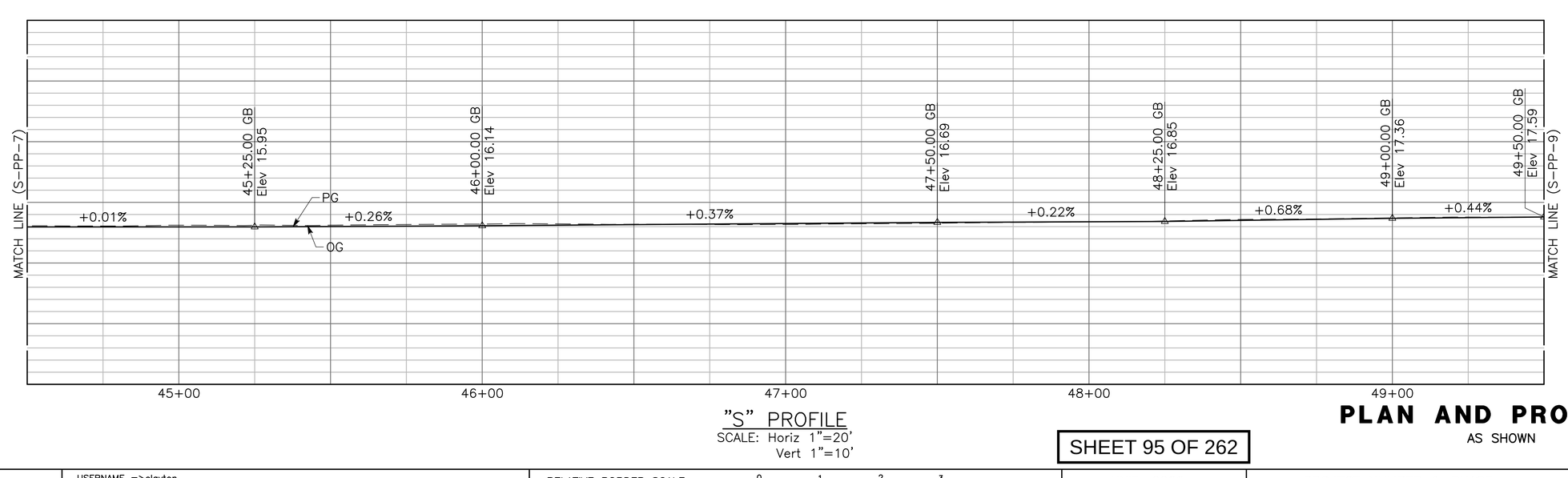
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 95 OF 262

PLAN AND PROFILE

AS SHOWN

S-PP-8

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ct Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:30 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:30 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	15	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

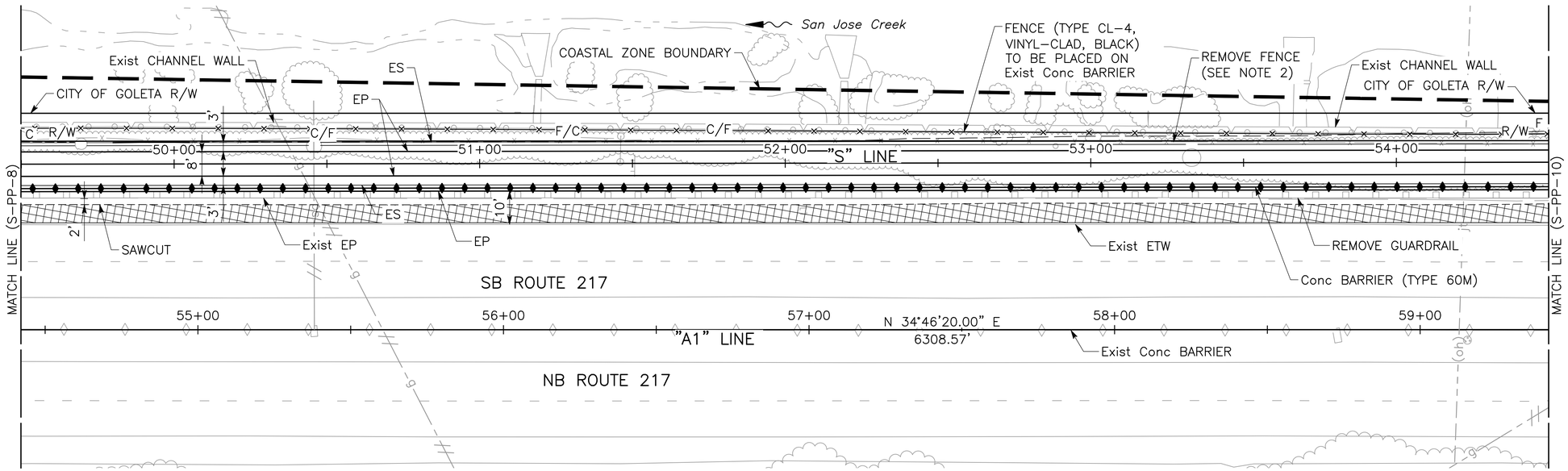
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

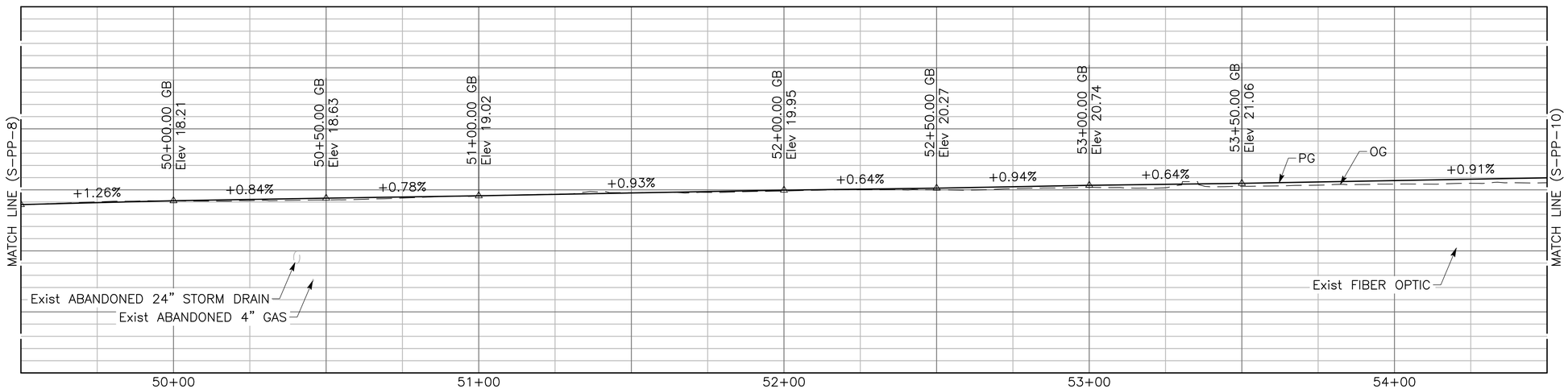
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

PLAN AND PROFILE
AS SHOWN

S-PP-9

SHEET 96 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:30 am

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:30 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

CURVE DATA				
No.	R	Δ	T	L
7	4000.0'	1°17'29"	45.08'	90.16'
8	25.0'	72°36'42"	18.37'	31.68'
10	2000.0'	2°17'46"	40.08'	80.15'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	16	159

REGISTERED CIVIL ENGINEER — 03–14–25 DATE

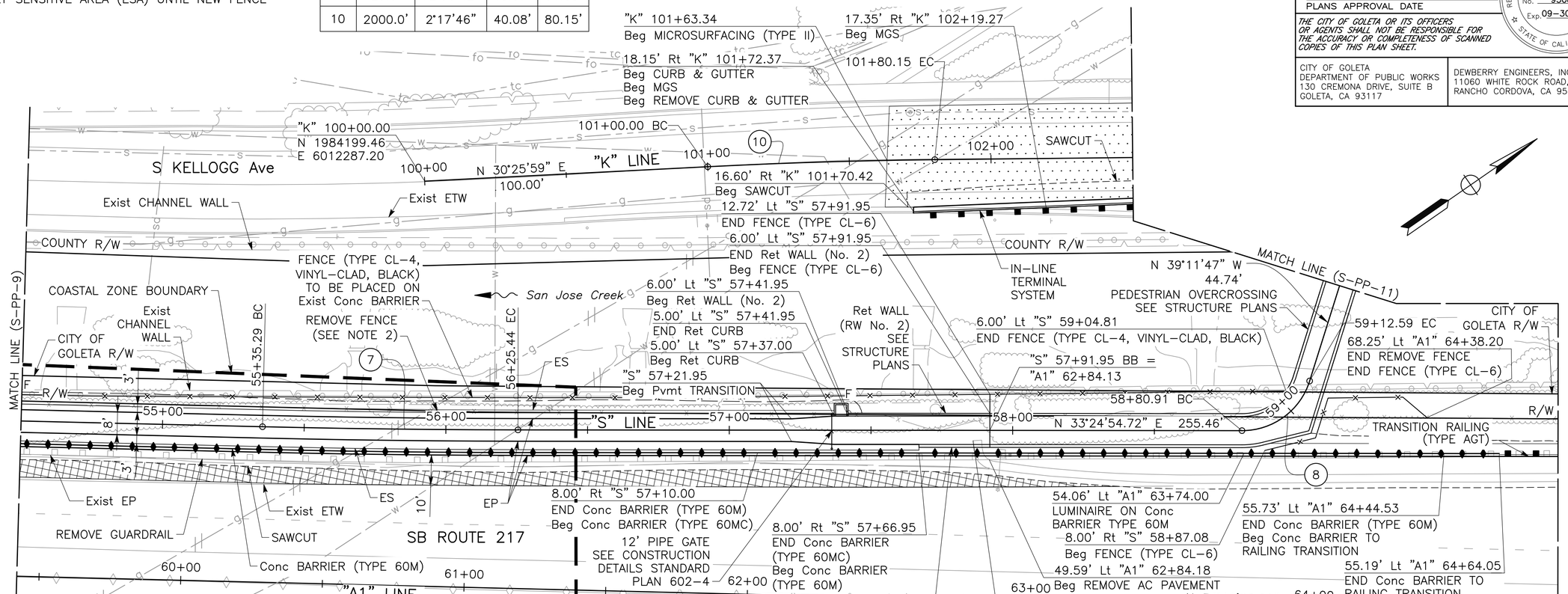
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON No. 95088 Exp. 09–30–25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

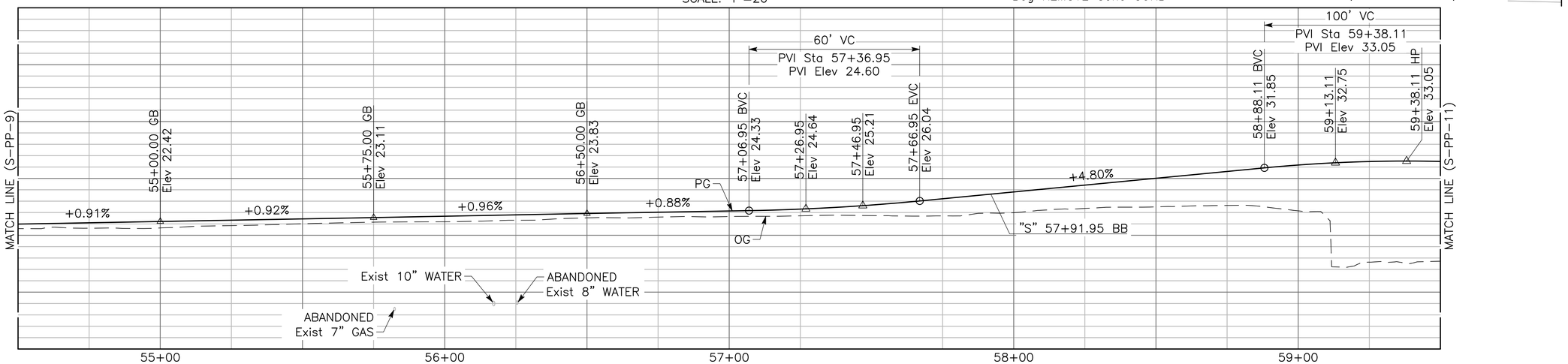
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 97 OF 262

PLAN AND PROFILE
AS SHOWN

S-PP-10

LAST REVISION 03–14–25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:30 am

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED–DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE–R–L.dwg, 3/26/2025 8:30 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton DGN FILE => SE–R–L.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	17	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

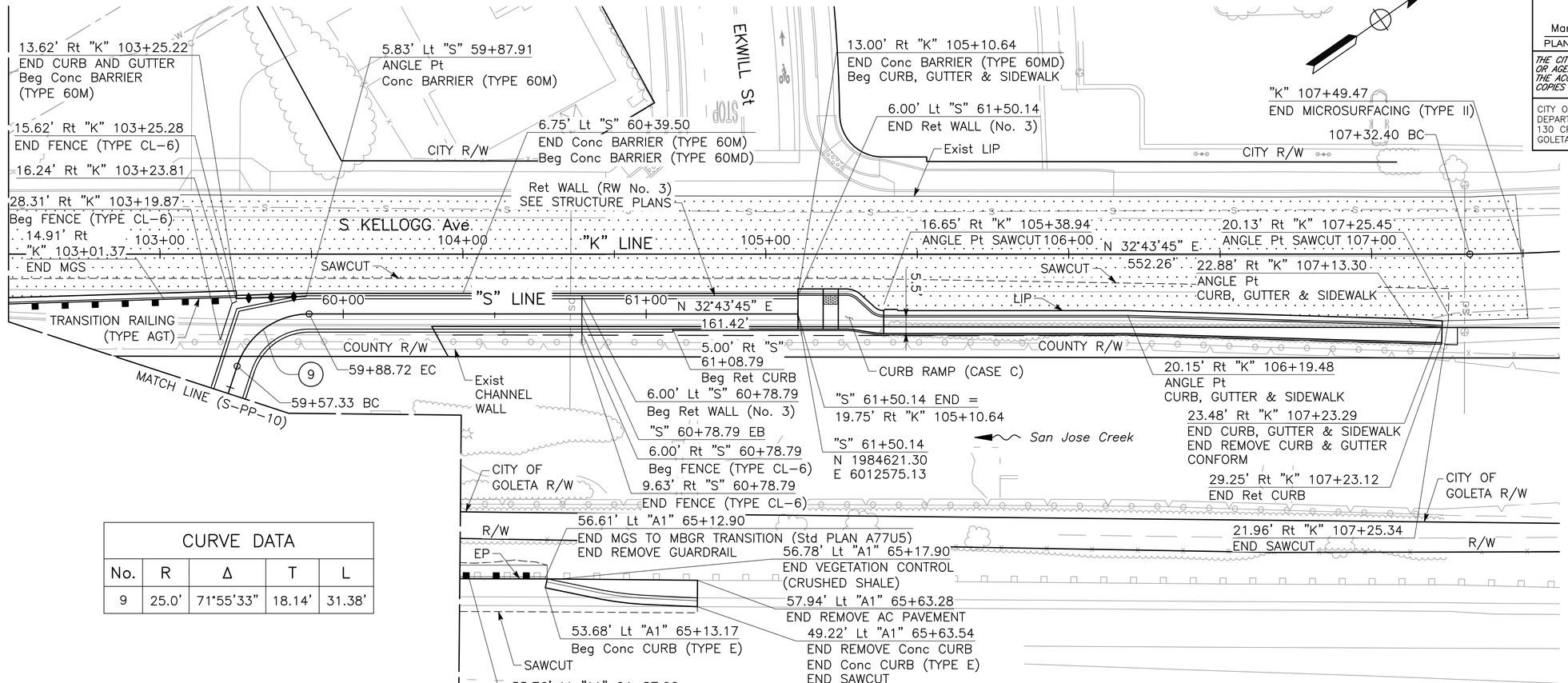
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

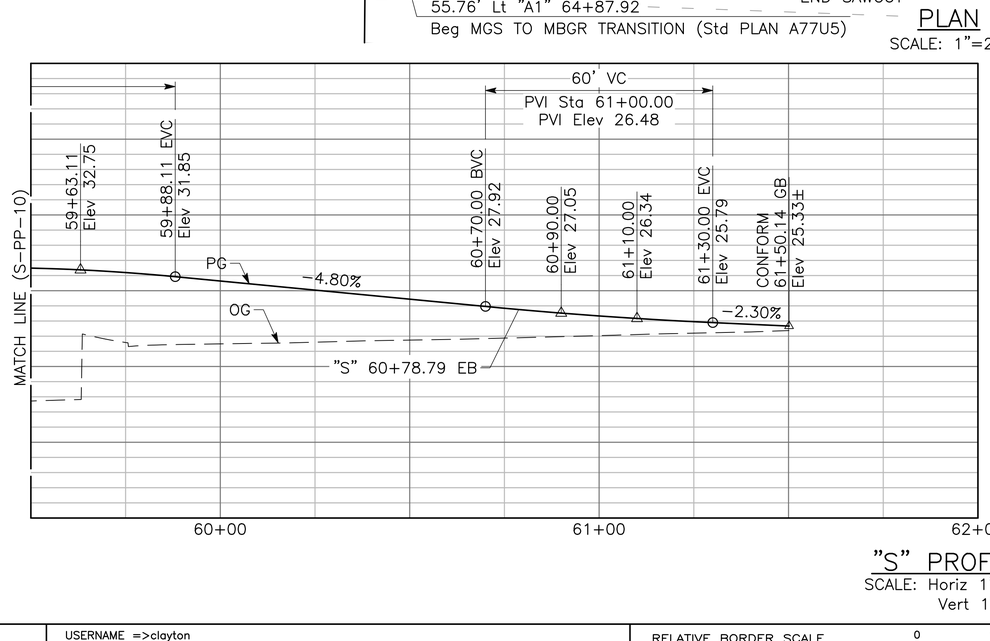
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
SCALE: 1"=20'

CURVE DATA				
No.	R	Δ	T	L
9	25.0'	71°55'33"	18.14'	31.38'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 98 OF 262

PLAN AND PROFILE
AS SHOWN
S-PP-11

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 3/26/2025 8:30 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:30 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SE-R-L.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	18	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

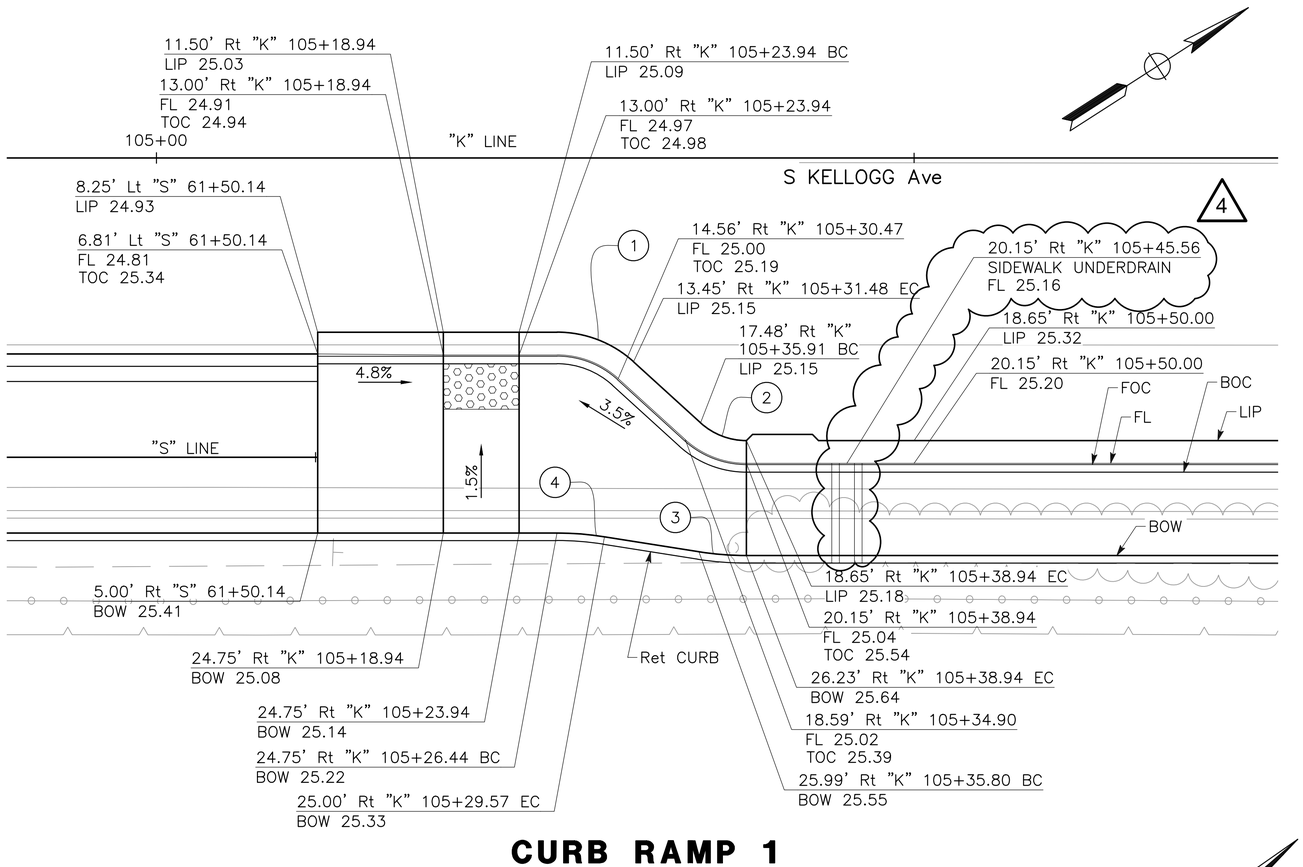
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTE:

REMOVABLE BOLLARD TO BE MODEL NO. B-3 AS MANUFACTURED BY FAIRWEATHER SITE FURNISHINGS AND ACCESSORIES, OR EQUAL APPROVED BY ENGINEER. INSTALL BOLLARD PER MANUFACTURER'S RECOMMENDATIONS.

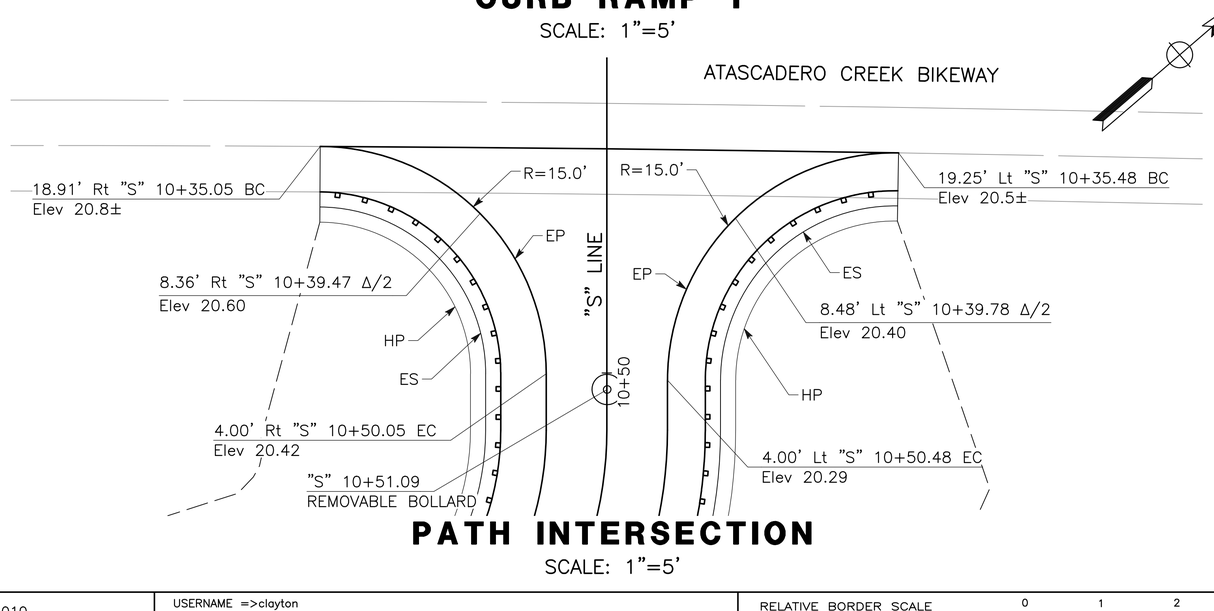
ABBREVIATIONS:

FOC	FACE OF CURB
BOC	BACK OF CURB
BOW	BACK OF WALK



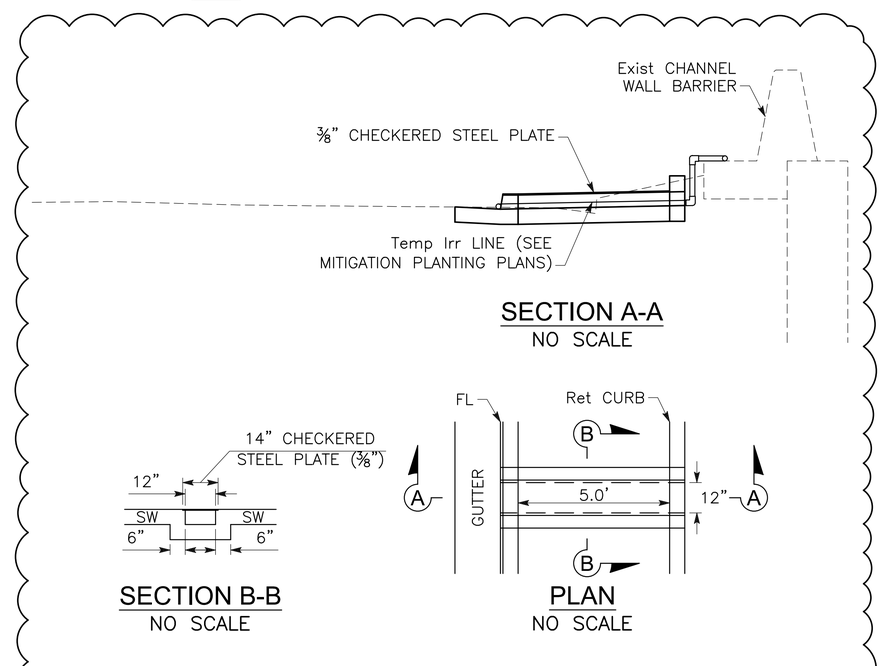
CURB RAMP 1

SCALE: 1"=5'



PATH INTERSECTION

SCALE: 1"=5'



SIDEWALK UNDERDRAIN DETAILS

SCALE: AS SHOWN

CURVE DATA				
No.	R	Δ	T	L
1	7.5'	42°17'57"	2.90'	5.54'
2	4.5'	42°17'57"	1.74'	3.32'
4	20.0'	9°00'59"	1.58'	3.15'
3	20.0'	9°00'59"	1.58'	3.15'

CONSTRUCTION DETAILS

AS SHOWN

S-C-1

REVISED BY	DATE REVISED
CL	5/15/25 ADDENDUM 4

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C.dwg, 5/13/2025 11:09 AM

DATE PLOTTED => May 13, 2025
TIME PLOTTED => 11:09 am
LAST REVISION 03-14-25

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton, DGN FILE => SR217_R_C.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	19	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

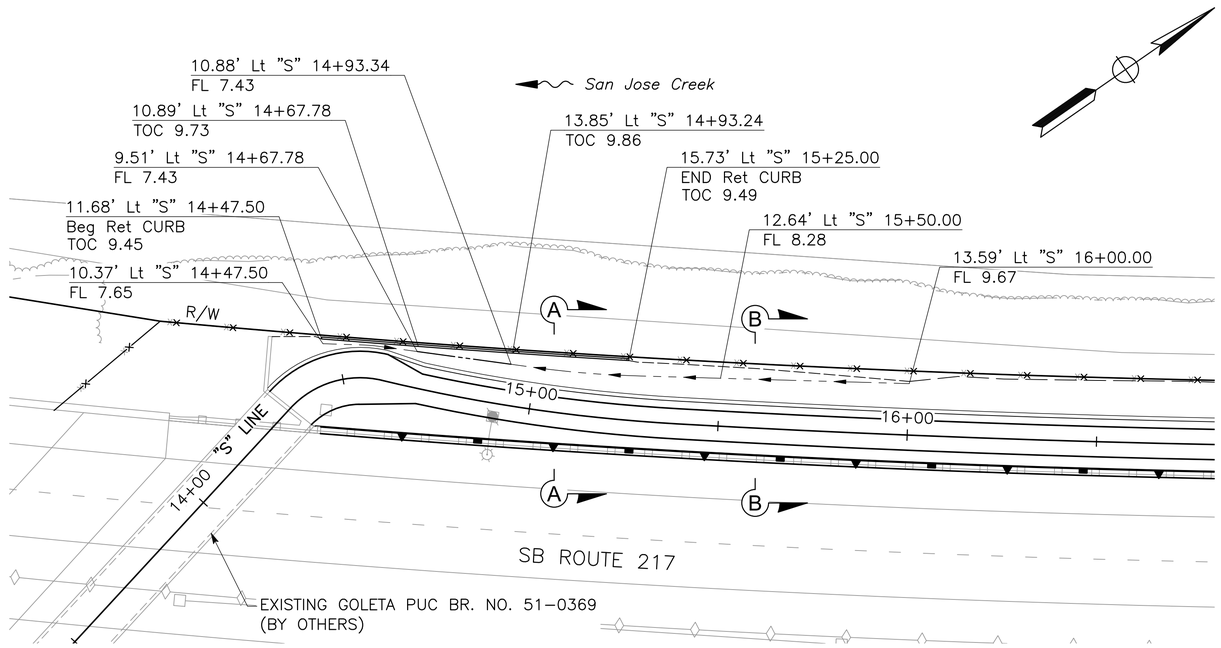
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

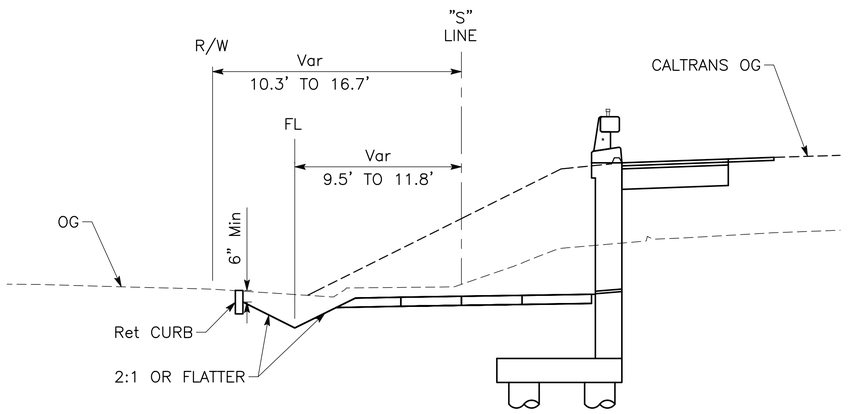
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

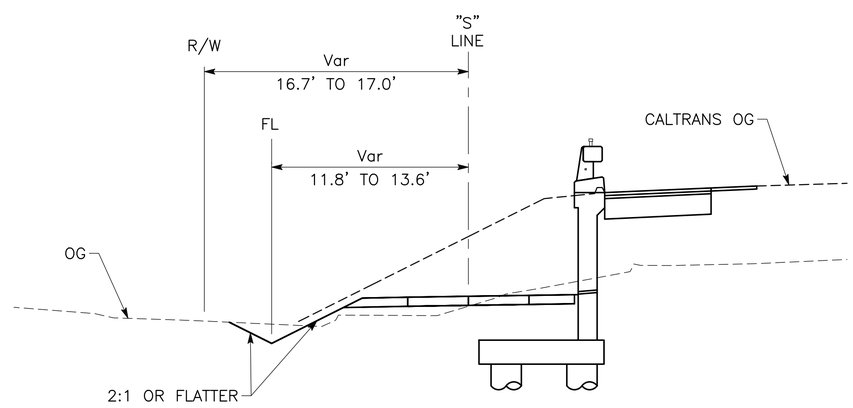
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SCALE: 1" = 20'



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

DITCH DETAILS

SCALE: AS SHOWN

SHEET 100 OF 262

CONSTRUCTION DETAILS

AS SHOWN

S-C-2

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:32 am

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – C\ Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C.dwg, 3/26/2025 8:32 AM

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_C.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	20	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

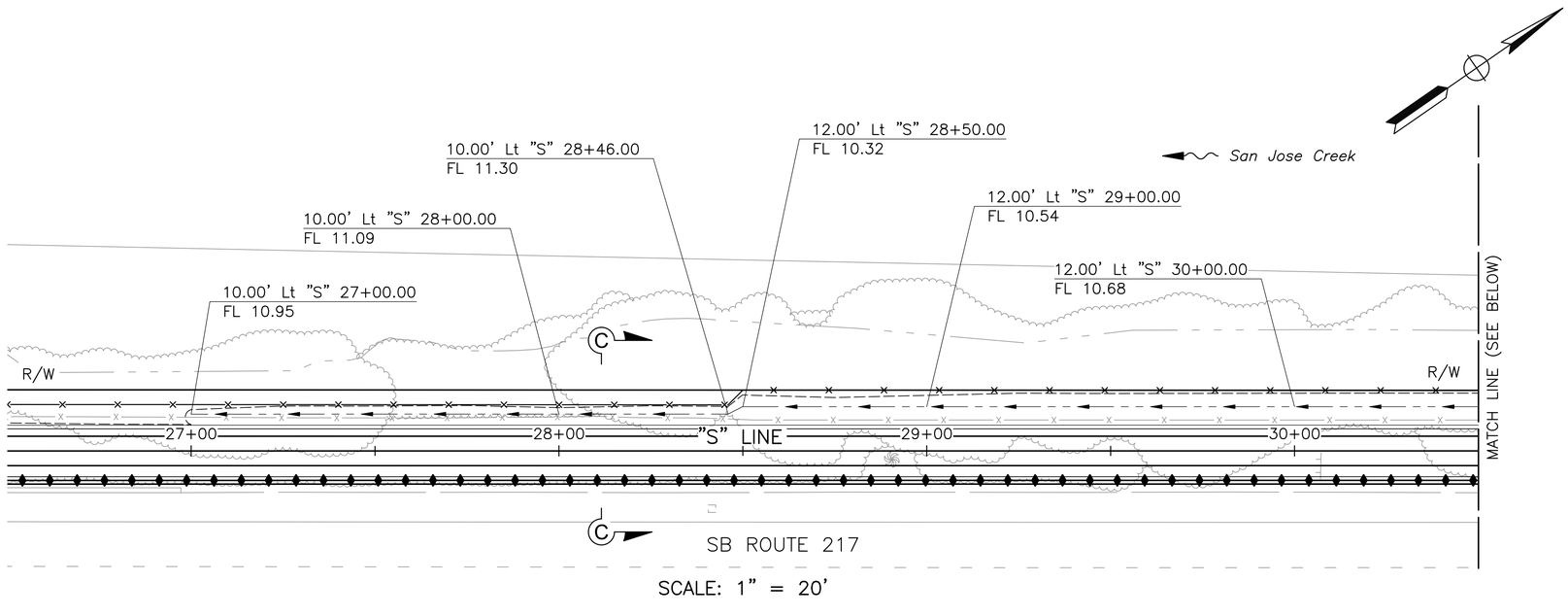
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

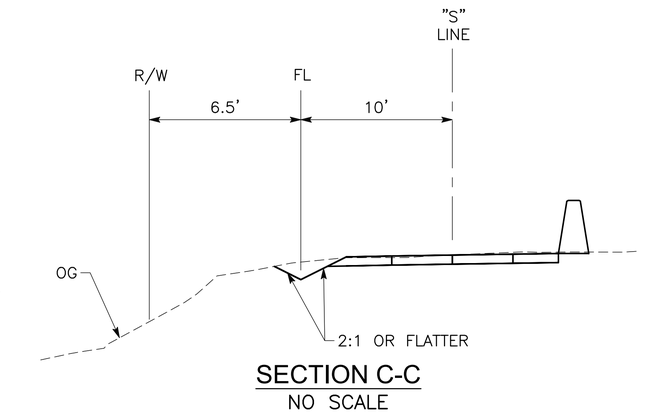
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

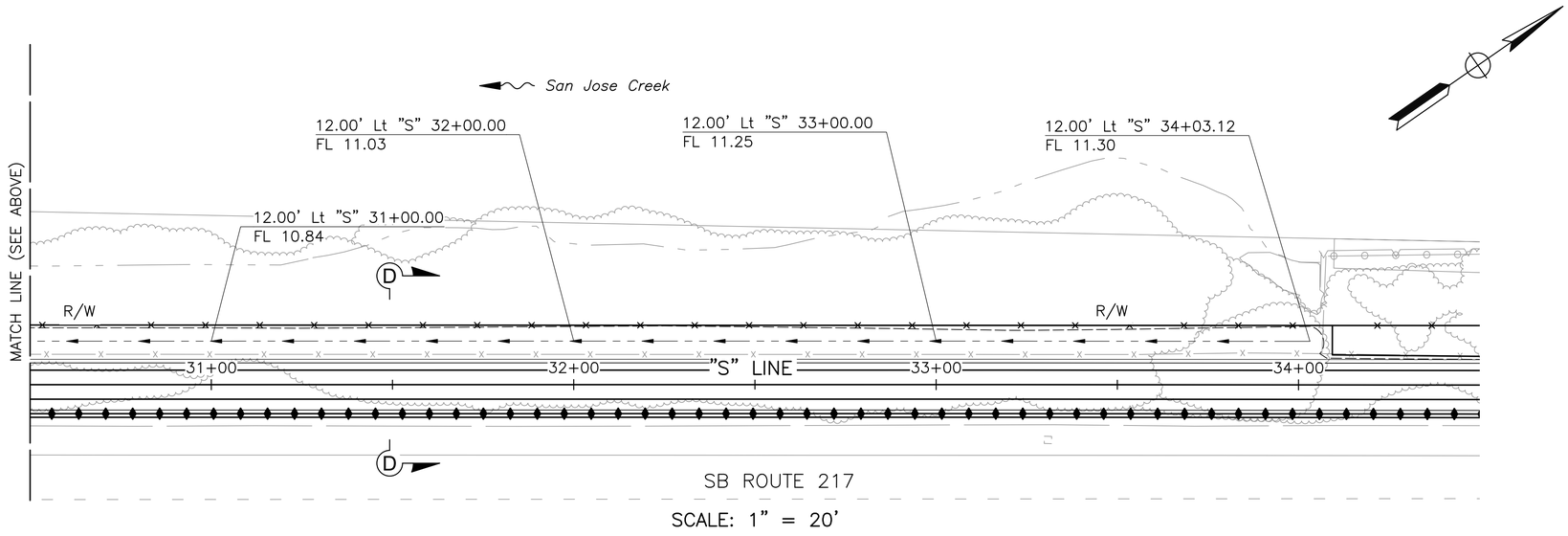
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



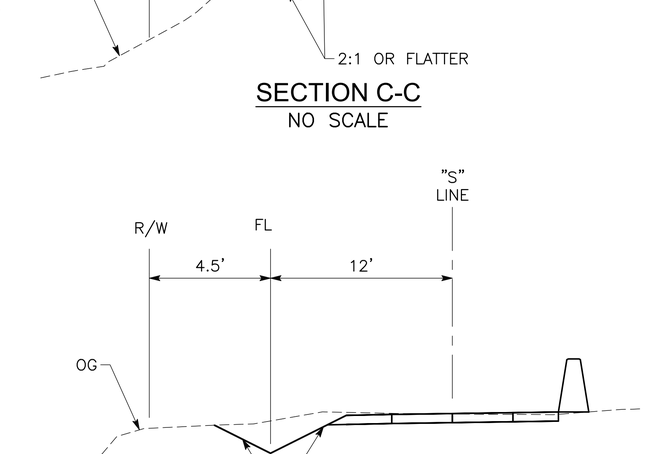
SCALE: 1" = 20'



SECTION C-C
NO SCALE



SCALE: 1" = 20'



SECTION D-D
NO SCALE

DITCH DETAILS
SCALE: AS SHOWN

CONSTRUCTION DETAILS
AS SHOWN

S-C-3

SHEET 101 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C.dwg, 3/26/2025 8:33 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:33 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_C.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	21	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

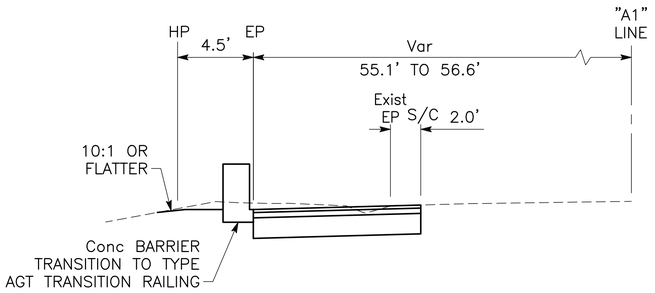
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

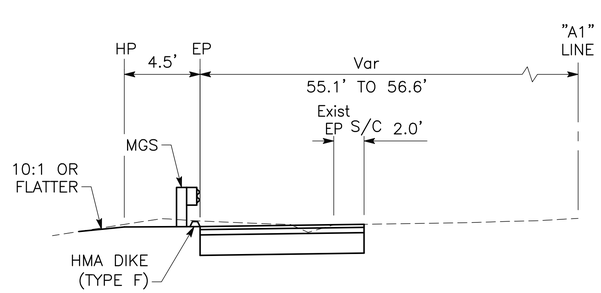
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

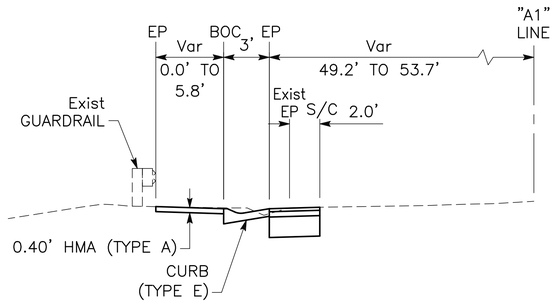
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



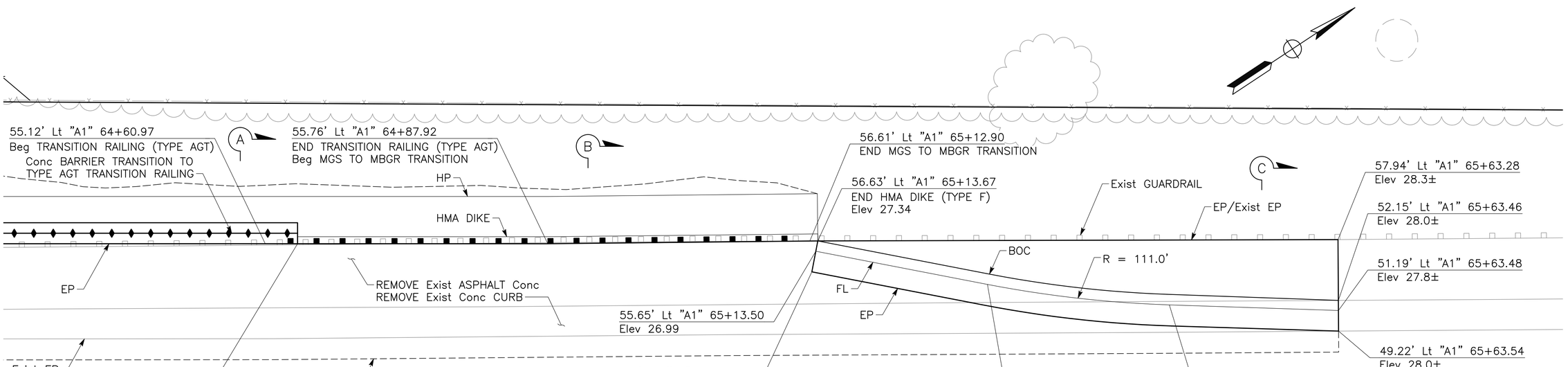
SECTION A-A



SECTION B-B



SECTION C-C



SR217 SHOULDER CONFORM DETAIL

SCALE: 1" = 5'

CONSTRUCTION DETAILS

AS SHOWN

S-C-4

SHEET 102 OF 262

CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA	JOSE SILVA		

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:34 am

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C-4-8.dwg, 3/26/2025 8:34 AM

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	22	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

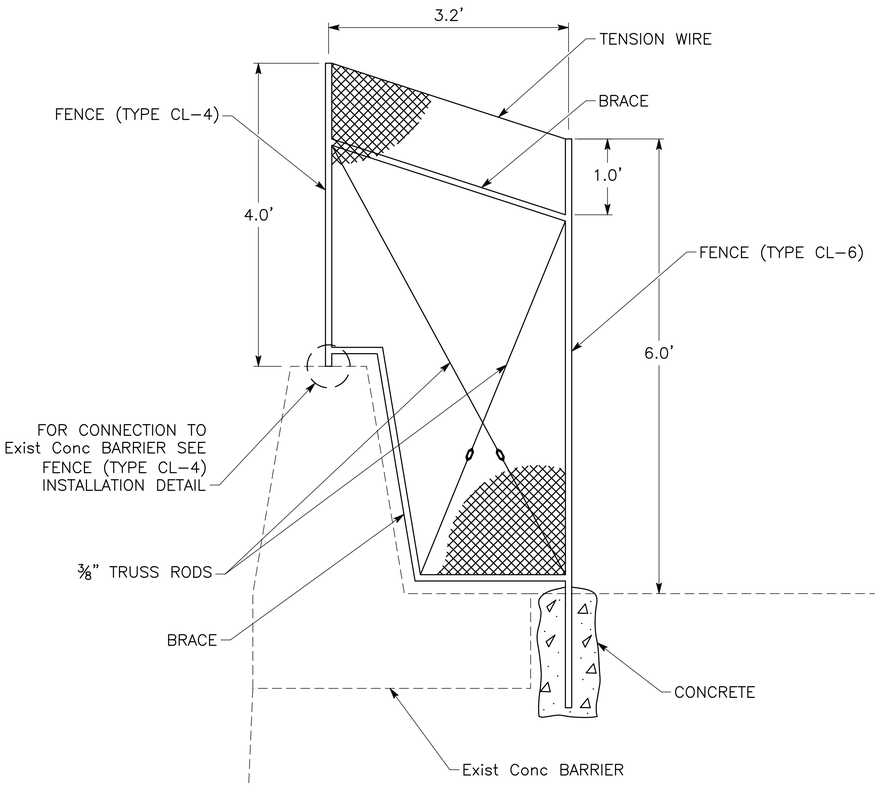
March 14, 2025
PLANS APPROVAL DATE

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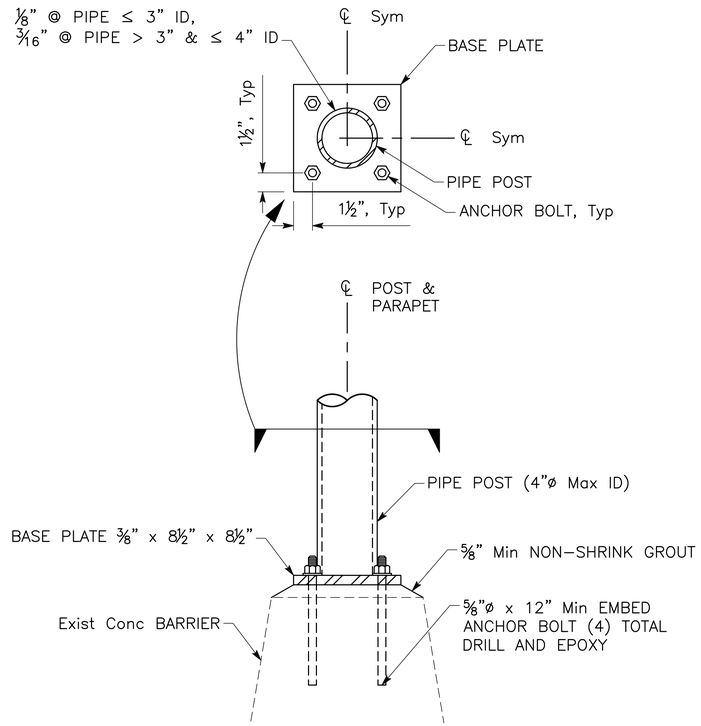
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



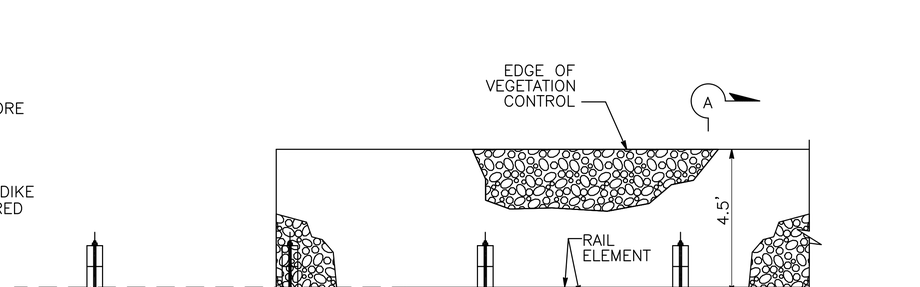
FENCE TRANSITION DETAIL
NO SCALE



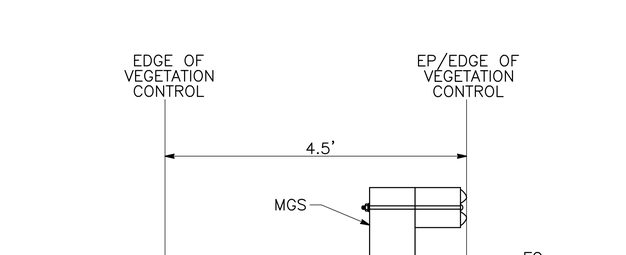
FENCE (TYPE CL-4) INSTALLATION DETAIL
NO SCALE

NOTES

1. REMOVE VEGETATION MULCH AND DUFF BEFORE PLACING FABRIC.
2. FINISH GRADE OF VEGETATION CONTROL (CRUSHED SHALE) SHALL BE AT OR BELOW GRADE OF ADJACENT PAVEMENT WHERE NO DIKE IS PRESENT. LIGHT GRADING MAY BE REQUIRED



PLAN



SECTION A-A

VEGETATION CONTROL (CRUSHED SHALE)
NO SCALE

SHEET 103 OF 262

CONSTRUCTION DETAILS
AS SHOWN

S-C-5

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C-4-8.dwg, 3/26/2025 8:35 AM

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CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:35 am

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DGN FILE => SR217_R_C-4-8.dwg
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PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	23	159

REGISTERED CIVIL ENGINEER — DATE 03-14-25

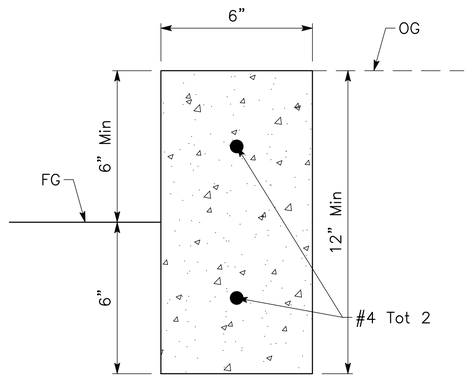
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CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
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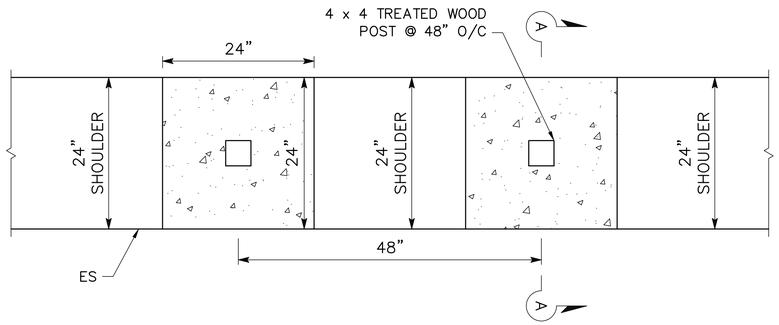
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



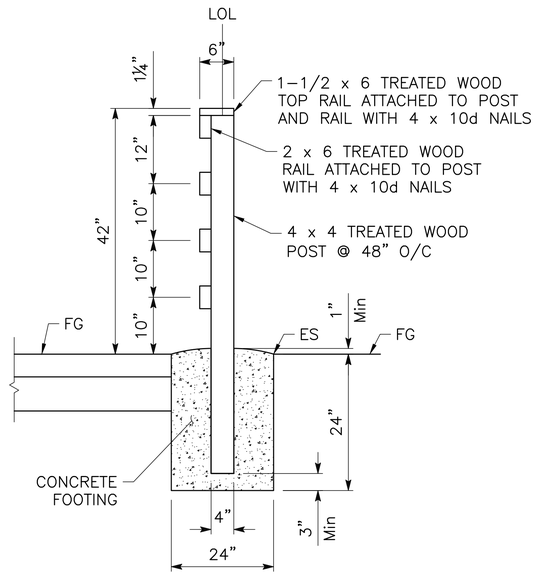
RETAINING CURB (MINOR Conc (CURB))

NO SCALE



WOOD RAIL FENCE

NO SCALE



SECTION A-A

NO SCALE

CONSTRUCTION DETAILS

AS SHOWN

S-C-6

SHEET 104 OF 262

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:36 am

REVISED BY	DATE REVISED

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DGN FILE => SR217_R_C-4-8.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	24	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

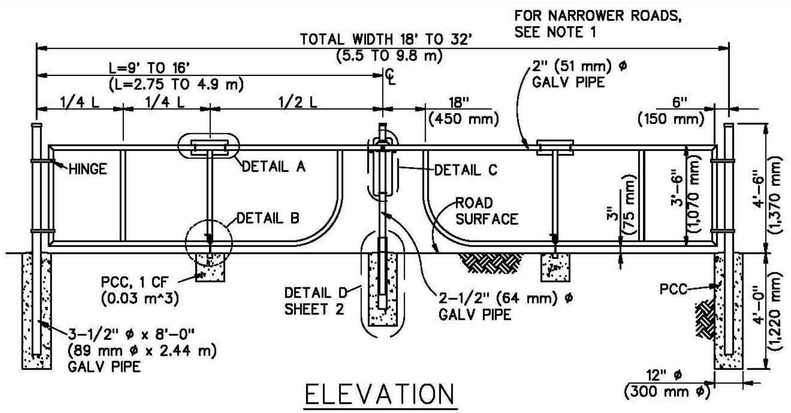
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

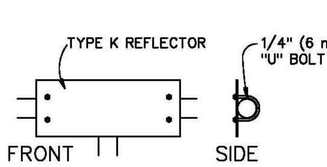
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

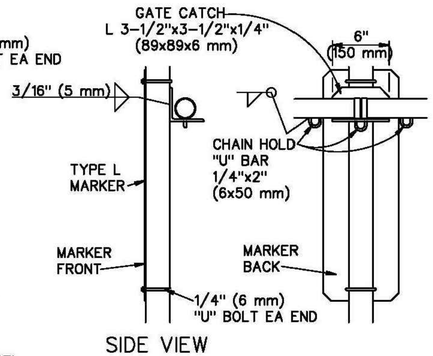
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



ELEVATION

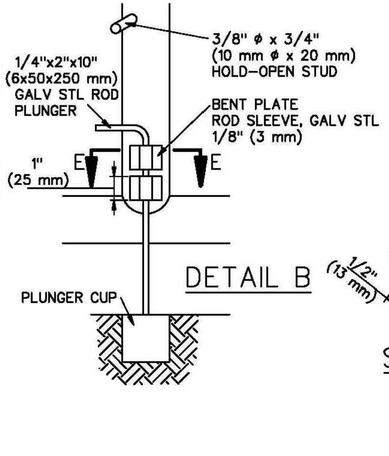


DETAIL A

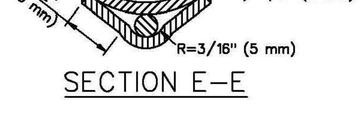


SIDE VIEW

DETAIL C



DETAIL B



SECTION E-E

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1993 REV. 1998, 2005, 2009, 2021

STANDARD PIPE GATE FOR ACCESS ROADS

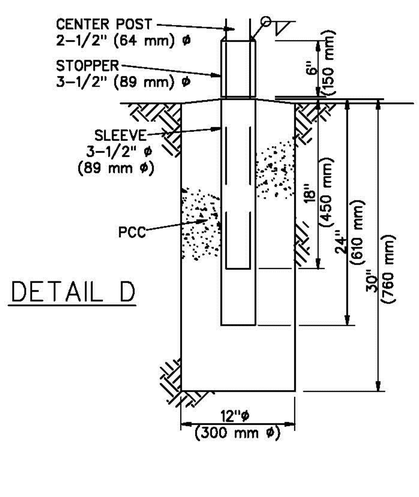
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN 602-4 SHEET 1 OF 2

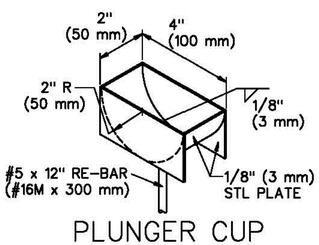
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NOTES:

1. FOR ROADWAYS 16'-0" (4.8 m) WIDE OR LESS, USE A SINGLE GATE. PLACE THE ANGLE CATCH ON A PERMANENT END POST.
2. PIPE SHALL BE STANDARD WEIGHT, PER AISC STANDARDS.
3. CUT THE PIPE TO PROVIDE A CLOSE FIT OF THE JOINTS.
4. USE 100% PENETRATION WELDS FOR PIPE CONNECTIONS.
5. PAINT GATE WITH ONE COAT OF ALUMINUM PAINT AFTER FABRICATION.
6. GATE HINGES SHALL BE HEAVY DUTY, MALLEABLE IRON OR STEEL, INDUSTRIAL SERVICE TYPE, WITH 270° SWING.
7. TYPE K AND TYPE L MARKERS SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA MUTCD. THE REFLECTORS SHALL BE FILM-TYPE.
8. SECURE NUTS AT U BOLT ENDS FROM REMOVAL BY WELDING OR PEENING AFTER INSTALLING MARKERS.



DETAIL D



PLUNGER CUP ISOMETRIC

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PIPE GATE FOR ACCESS ROADS

STANDARD PLAN 602-4 SHEET 2 OF 2

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JOSE SILVA — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS
REVISED BY — DATE REVISED

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DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:48 am
LAST REVISION 03-14-25

CONSTRUCTION DETAILS
AS SHOWN
S-C-7

SHEET 105 OF 262

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_C-4-8.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	25	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

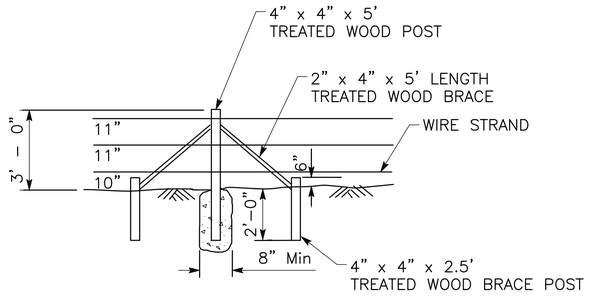
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

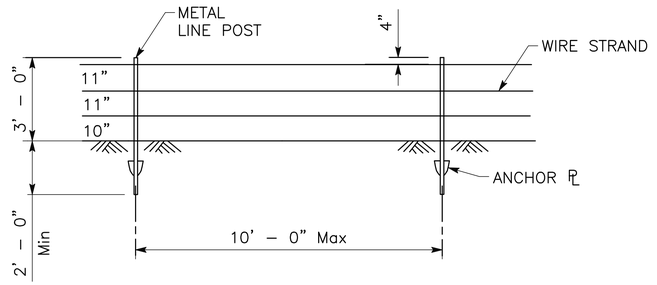
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

ABBREVIATIONS:

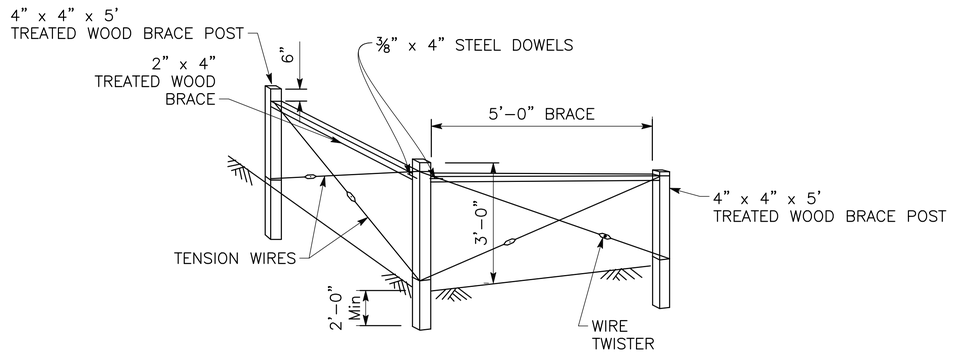
WS WIRE STRAND



PULL POST ASSEMBLY
AT 1320'-0' MAXIMUM INTERVAL
NO SCALE



LINE POST
NO SCALE



END AND CORNER POST ASSEMBLY
NO SCALE

FENCE (TYPE WS)

SHEET 106 OF 262

CONSTRUCTION DETAILS
AS SHOWN
S-C-8

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:48 am

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REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_C-4-8.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	26	159

03-14-25
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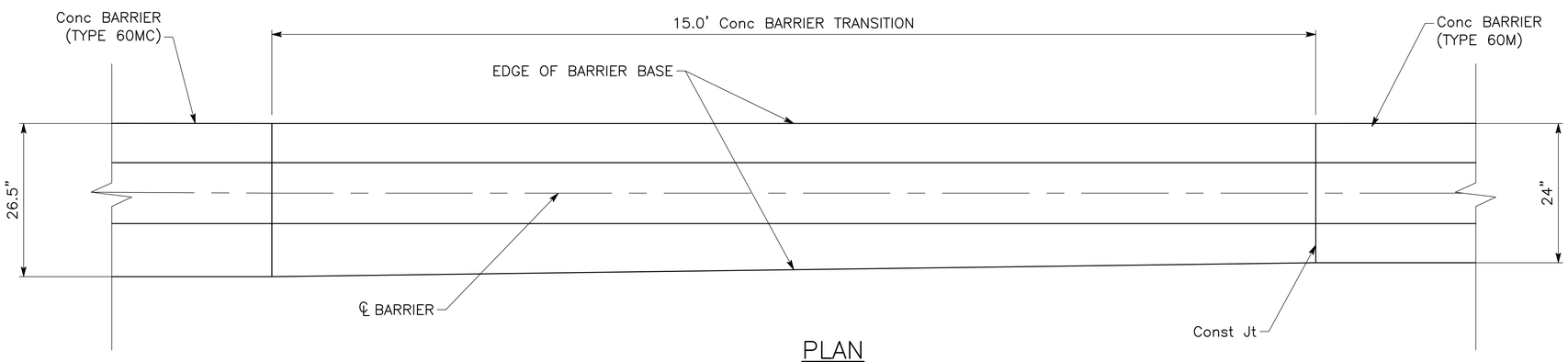
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CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

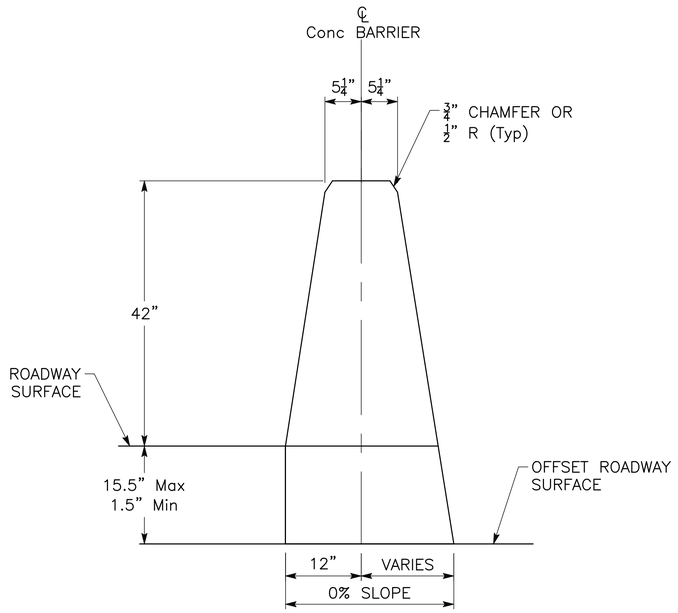
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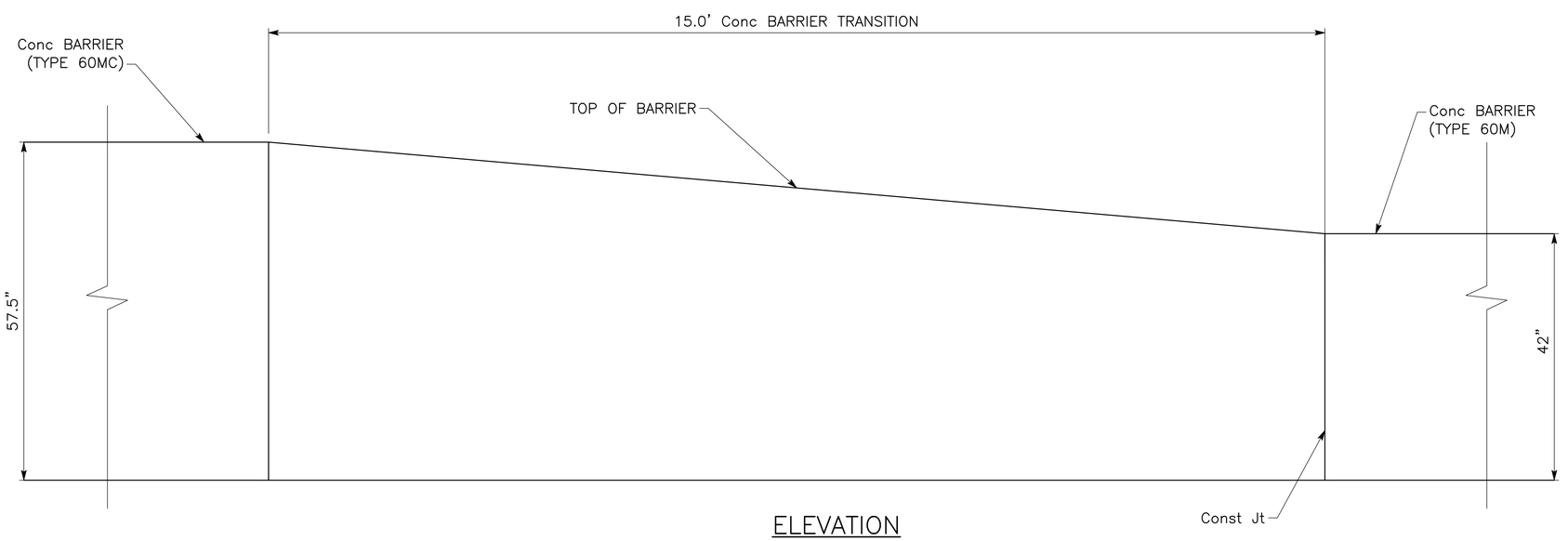
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PLAN



Conc BARRIER (TYPE 60MC)



ELEVATION

TRANSITION CONCRETE BARRIER (TYPE 60MC) TO CONCRETE BARRIER (TYPE 60M)

SHEET 107 OF 262

CONSTRUCTION DETAILS

AS SHOWN

S-C-9

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
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USERNAME => clayton
DGN FILE => SR217_R_C_Type 60 Transition Details.dwg
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UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	27	159

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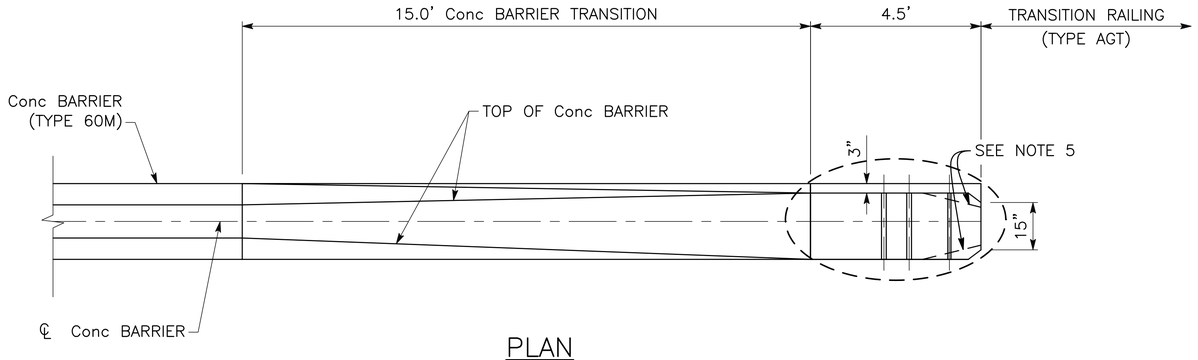
March 14, 2025
PLANS APPROVAL DATE

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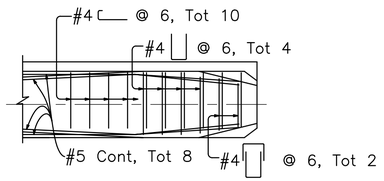
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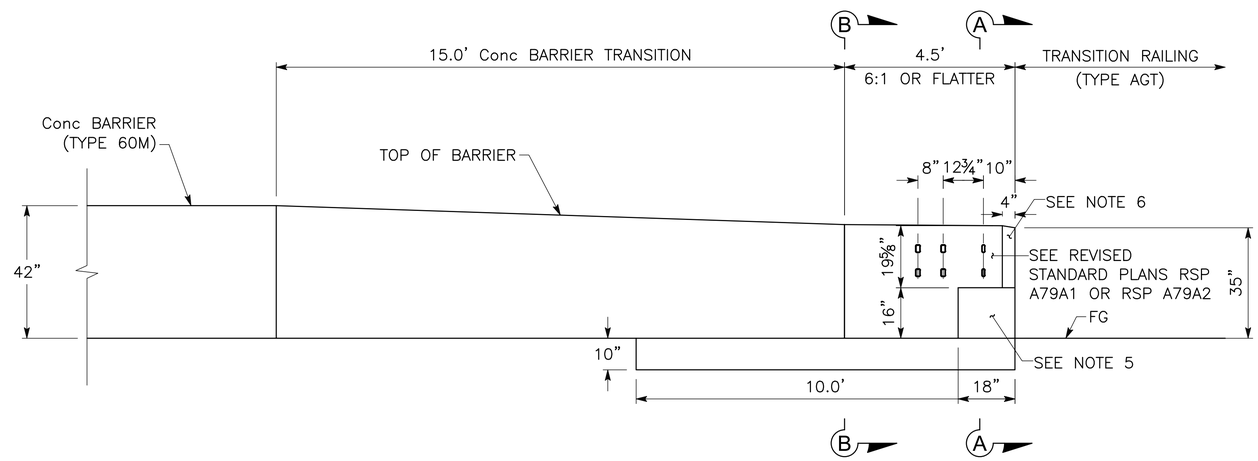
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PLAN



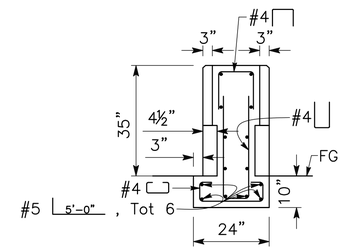
DETAIL A



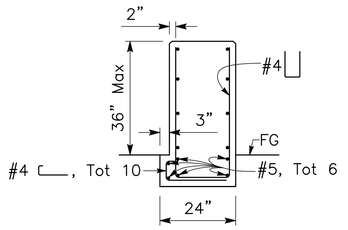
ELEVATION

NOTES:

1. SEE STANDARD PLAN A76A FOR CONCRETE BARRIER TYPE 60MS.
2. FOOTING MONOLITHIC OR DOWELED WITH 2–#8 X 8" @ 2'–0". THE FOOTING IS REQUIRED AT CONCRETE BARRIER ENDS AND AT INTERRUPTIONS IN CONCRETE BARRIER. 10" CONCRETE BARRIER FOOTING EXTENDS 10'–0" BACK FROM END OF BARRIER.
3. 15'–0" TRANSITION OF CONCRETE BARRIER FROM SLOPED FACE TO VERTICAL OCCURS BEFORE 4'–6" LENGTH OF VERTICAL FACE FOR CONNECTION AND CAN OCCUR WITHIN HEIGHT TRANSITION FOR OTHER TYPES OF CONCRETE BARRIER CONNECTION.
4. ALTERNATIVE TOP OF BARRIER VERTICAL TRANSITION MAY TAPER AT MAXIMUM 6:1.
5. LOWER CHAMFER SIZE IS 16" X 18" AND 4½" DEEP.
6. UPPER CHAMFER IS 19⅝" X 4" AND 3" DEEP.
7. TYPICAL REINFORCEMENT CLEARANCE IS 2" UNLESS SHOWN.
8. ADJUST REINFORCEMENT AS NEEDED TO CLEAR HSS BY MINIMUM 1".
9. MINIMUM LENGTH FOR CONCRETE BARRIER TYPE 60 IS 100'–0" TO ATTACH AGT.
10. 3" OFFSET ON TRAFFIC APPROACH SIDE.
11. SEE REVISED STANDARD PLANS RSP A79 SERIES FOR AGT CONNECTION DETAILS.



SECTION A-A



SECTION B-B

CONCRETE BARRIER (TYPE 60M) TO TRANSITION RAILING (TYPE AGT)

SHEET 108 OF 262

CONSTRUCTION DETAILS

AS SHOWN

S-C-10

191

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY | DATE REVISED

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DATE PLOTTED => Mar 26, 2025
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	28	159

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SPECIES PROTECTION AREA (SPA 1) APPLICABLE FOR ENTIRE PROJECT LIMITS (COASTAL ZONE).
3. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

LEGEND:

- SPA 1 — SPA 1
- SPA 2 — SPA 2 (JURISDICTIONAL WATERS IN SAN JOSE CREEK)
- SPA 3 — SPA 3 (JURISDICTIONAL RIPARIAN HABITAT)
- SPA 4+ — SPA 4 (JURISDICTIONAL WETLANDS)
- AMA — AMA (ARCHAEOLOGICAL MONITORING AREA)
- ESA — ESA

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

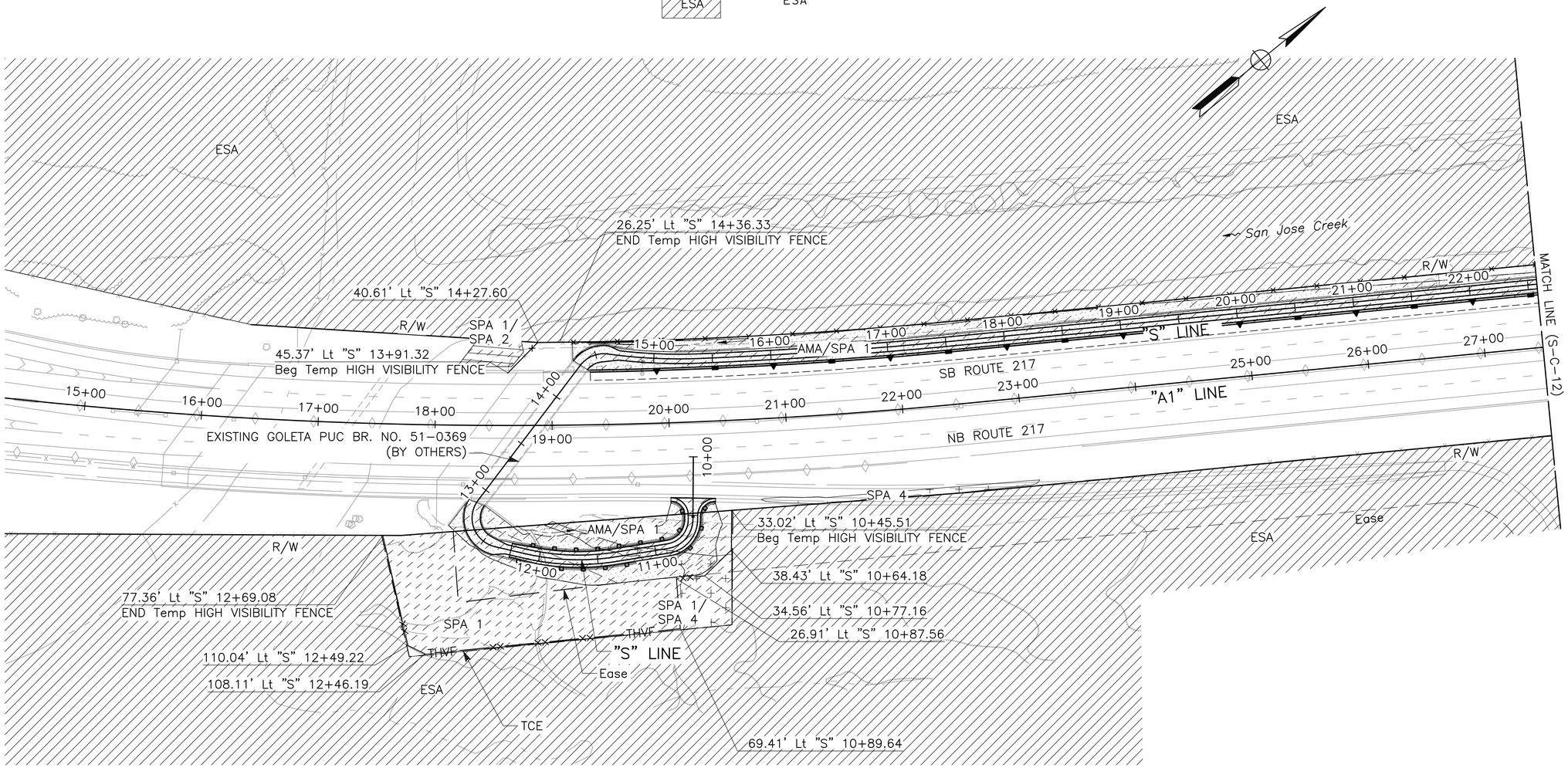
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

S-C-11

SHEET 109 OF 262

CHRISTIAN LAYTON	JOSE SILVA				
CALCULATED-DESIGNED BY	CHECKED BY				
CONSULTANT FUNCTIONAL SUPERVISOR					
JOSE SILVA					
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS					

\\ran-fs\RanchoCordova\Projects\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C-9-12.dwg, 3/26/2025 8:53 AM

DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:53 am

LAST REVISION 03-14-25

BORDER LAST REVISED 7/2/2010

USERNAME =>clayton
DGN FILE => SR217_R_C-9-12.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING FENCE TO REMAIN IN PLACE TO PROTECT ENVIRONMENTALLY SENSITIVE AREA (ESA) UNTIL NEW FENCE IS INSTALLED.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	29	159

03–14–25
REGISTERED CIVIL ENGINEER DATE

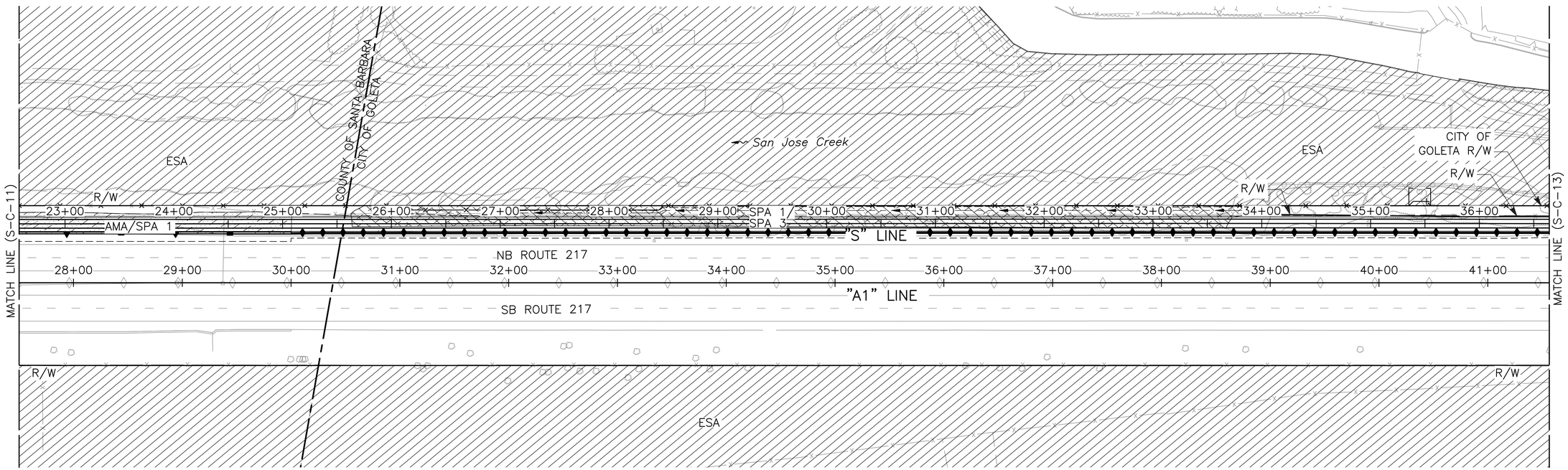
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09–30–25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

S-C-12

SHEET 110 OF 262

CHRISTIAN LAYTON — CALCULATED–DESIGNED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS — CHECKED BY

REVISED BY | DATE REVISED

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LAST REVISION 03–14–25
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DGN FILE => SR217_R_C–9–12.dwg
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UNIT 0000
PROJECT NUMBER & PHASE 0518000229

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	30	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

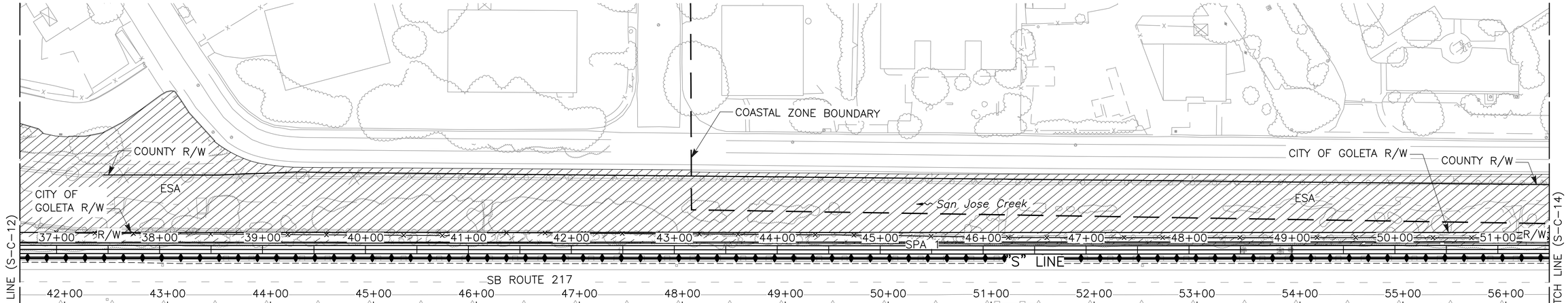
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

S-C-13

SHEET 111 OF 262

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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5	SB	217	1.0/2.4	31	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

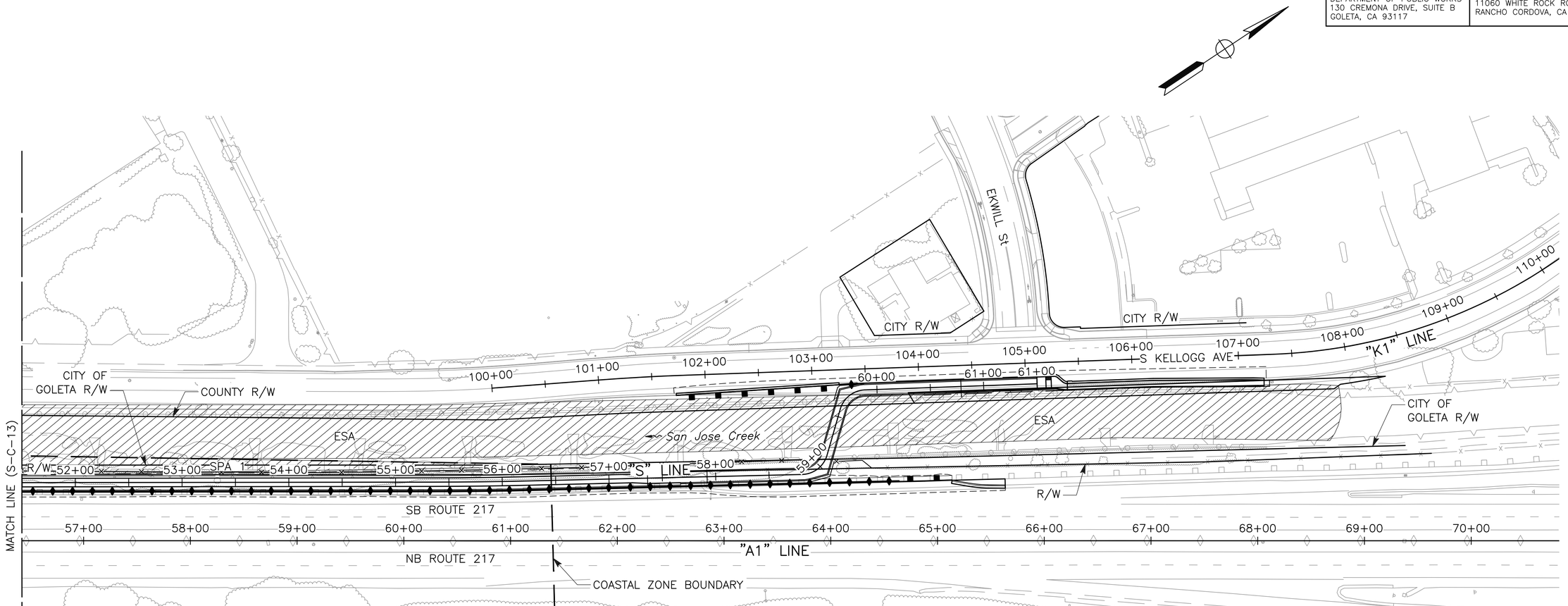
REGISTERED PROFESSIONAL ENGINEER
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

S-C-14

SHEET 112 OF 262

CALCULATED-DESIGNED BY	CHRISTIAN LAYTON	REVISED BY	
CHECKED BY	JOSE SILVA	DATE REVISED	

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
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NOTES:

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2. AERIALLY DEPOSITED LEAD SOILS ARE PRESENT TO A DEPTH OF 2'.

LEGEND (C-15 TO C-17 ONLY):

REGULATED MATERIAL CONTAINING AERIALLY DEPOSITED LEAD (TYPE Z-2)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	32	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

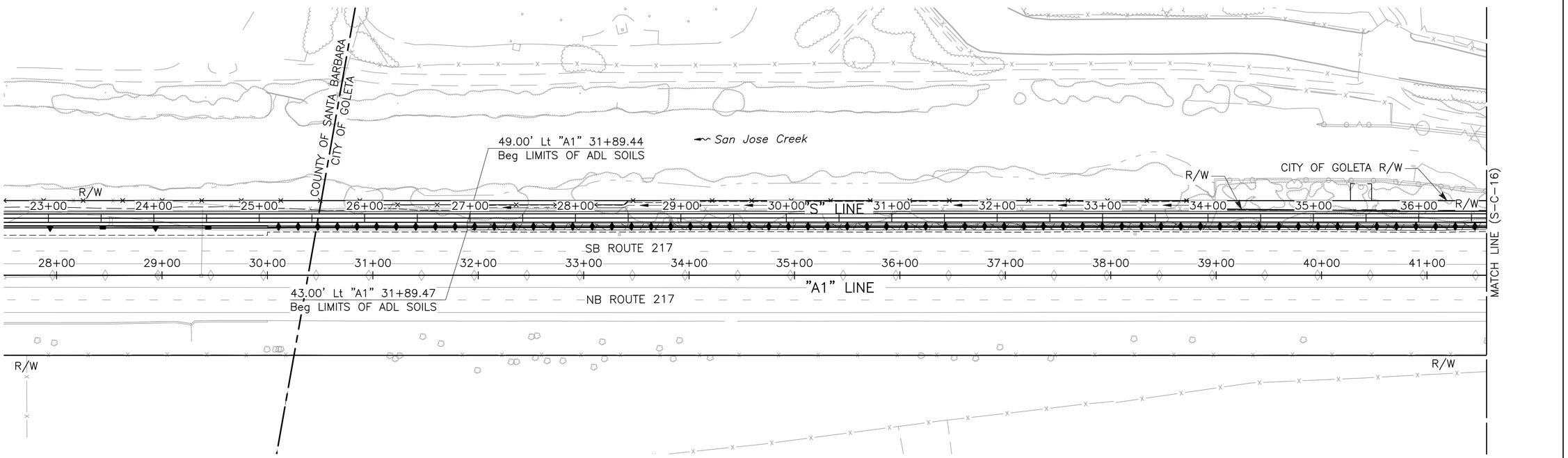
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)

SCALE: 1"=50'

S-C-15

SHEET 113 OF 262

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY | DATE REVISED

LAST REVISION 03-14-25
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TIME PLOTTED => 8:54 am

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BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_C-13-15.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

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5	SB	217	1.0/2.4	33	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

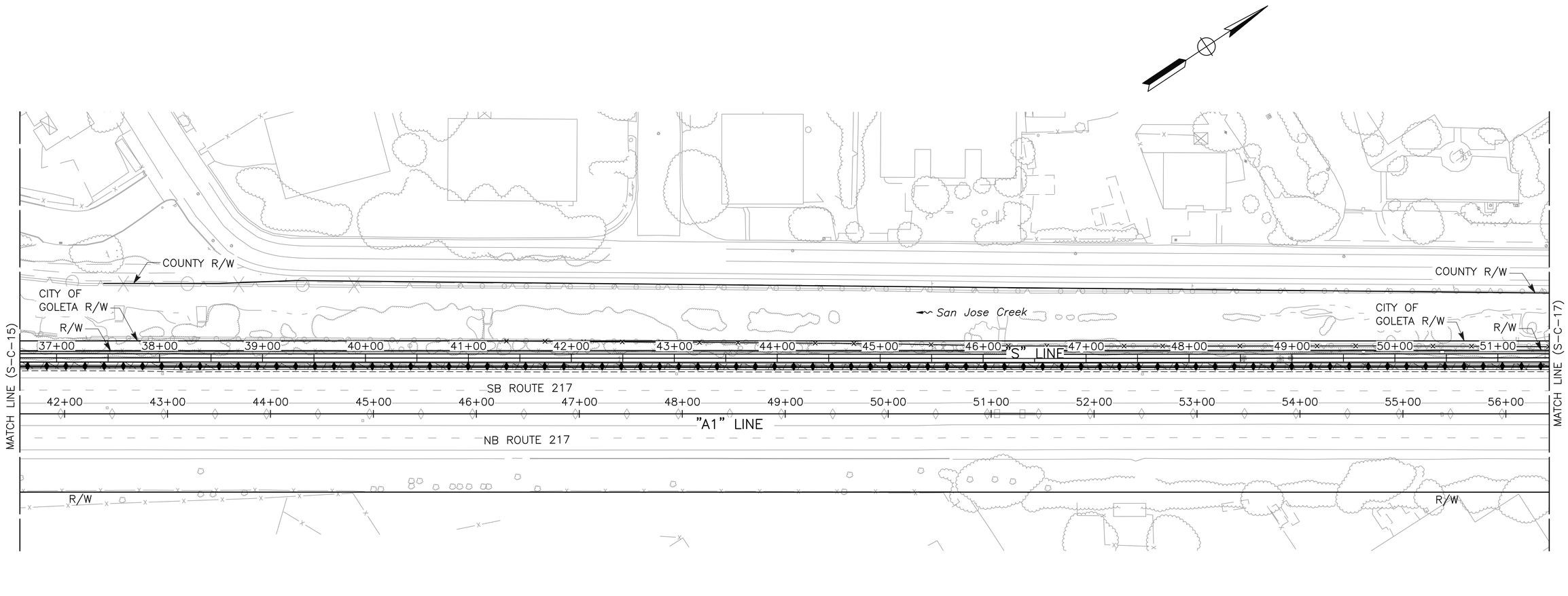
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PLANS APPROVAL DATE

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CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)

SCALE: 1"=50'

S-C-16

SHEET 114 OF 262

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY	DATE REVISED

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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NOTES:

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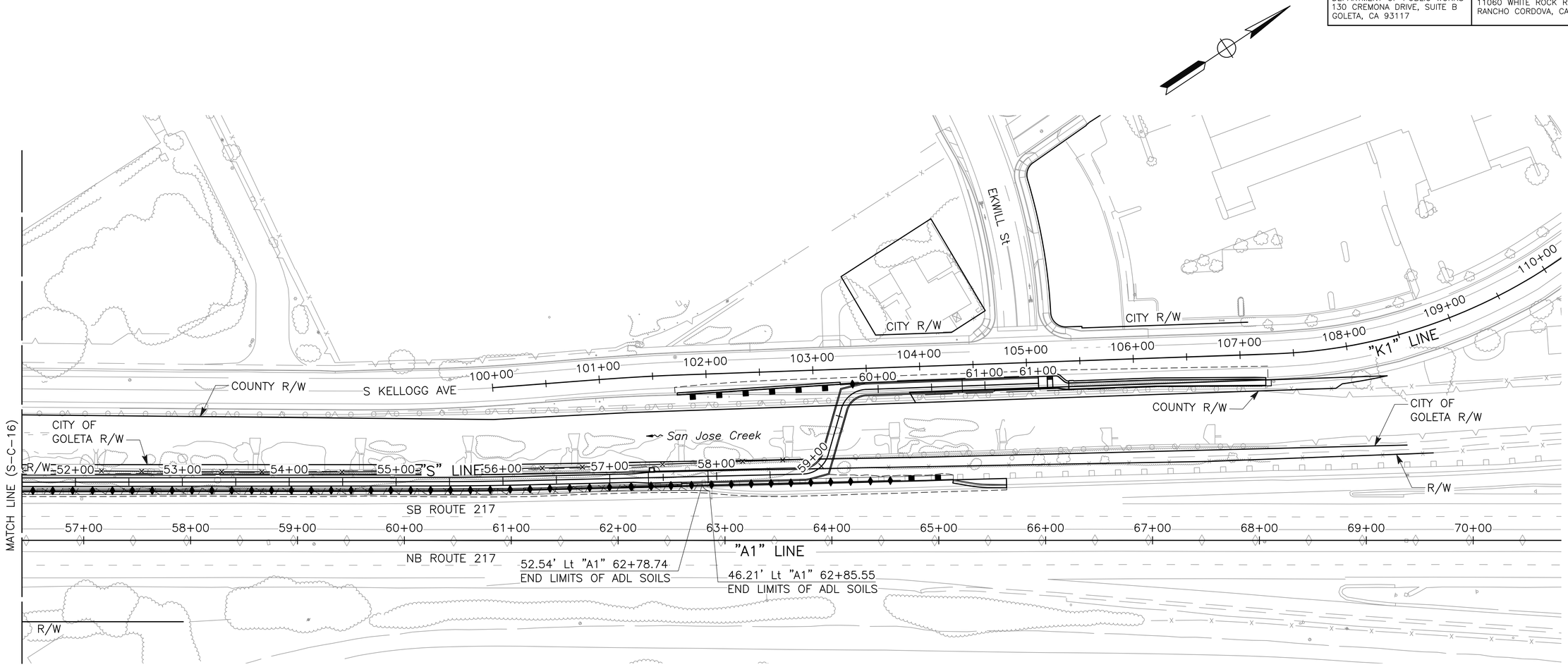
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CHRISTIAN LAYTON
No. 95088
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STATE OF CALIFORNIA

March 14, 2025
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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)

SCALE: 1"=50'

S-C-17

SHEET 115 OF 262

CHRISTIAN LAYTON	JOSE SILVA				
CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED		
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA				
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS					

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5	SB	217	1.0/2.4	35	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
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4. INTERIM EROSION CONTROL PLANS AND CONSTRUCTION RESPONSIBILITIES

PRIOR TO ISSUANCE OF THE COASTAL DEVELOPMENT PERMIT, THE APPLICANT SHALL SUBMIT TO THE ENGINEER AN INTERIM EROSION CONTROL AND CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN, PREPARED BY A QUALIFIED, LICENSED PROFESSIONAL. THE QUALIFIED, LICENSED PROFESSIONAL SHALL CERTIFY IN WRITING THAT THE INTERIM EROSION CONTROL AND CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPS) PLAN ARE IN CONFORMANCE WITH THE FOLLOWING REQUIREMENTS:

A. EROSION CONTROL PLAN

(i) THE PLAN SHALL DELINEATE THE AREAS TO BE DISTURBED BY GRADING OR CONSTRUCTION ACTIVITIES AND SHALL INCLUDE ANY TEMPORARY ACCESS ROADS, STAGING AREAS AND STOCKPILE AREAS. THE NATURAL AREAS ON THE SITE SHALL BE CLEARLY DELINEATED ON THE PLAN AND ON-SITE WITH FENCING OR SURVEY FLAGS.

(ii) INCLUDE A NARRATIVE REPORT DESCRIBING ALL TEMPORARY RUN-OFF AND EROSION CONTROL MEASURES TO BE USED DURING CONSTRUCTION.

(iii) THE PLAN SHALL IDENTIFY AND DELINEATE ON A SITE OR GRADING PLAN THE LOCATIONS OF ALL TEMPORARY EROSION CONTROL MEASURES

(iv) THE PLAN SHALL SPECIFY THAT GRADING SHALL TAKE PLACE ONLY DURING THE DRY SEASON (APRIL 1 – OCTOBER 31). THIS PERIOD MAY BE EXTENDED FOR A LIMITED PERIOD OF TIME IF THE SITUATION WARRANTS SUCH A LIMITED EXTENSION, IF APPROVED BY THE EXECUTIVE DIRECTOR. THE APPLICANT SHALL INSTALL OR CONSTRUCT TEMPORARY SEDIMENT BASINS (INCLUDING DEBRIS BASINS, DESILTING BASINS, OR SILT TRAPS), TEMPORARY DRAINS AND SWALES, SAND BAG BARRIERS, SILT FENCING, AND SHALL STABILIZE ANY STOCKPILED FILL WITH GEOFABRIC COVERS OR OTHER APPROPRIATE COVER, INSTALL GEOTEXTILES OR MATS ON ALL CUT OR FILL SLOPES, AND CLOSE AND STABILIZE OPEN TRENCHES AS SOON AS POSSIBLE. BASINS SHALL BE SIZED TO HANDLE NOT LESS THAN A 10 YEAR, 6 HOUR DURATION RAINFALL INTENSITY EVENT.

(v) THE EROSION CONTROL MEASURES SHALL BE REQUIRED ON THE PROJECT SITE PRIOR TO OR CONCURRENT WITH THE INITIAL GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE DEVELOPMENT PROCESS TO MINIMIZE EROSION AND SEDIMENT FROM RUNOFF WATERS DURING CONSTRUCTION. ALL SEDIMENT SHOULD BE RETAINED ON-SITE, UNLESS REMOVED TO AN APPROPRIATE, APPROVED DUMPING LOCATION EITHER OUTSIDE OF THE COASTAL ZONE OR WITHIN THE COASTAL ZONE TO A SITE PERMITTED TO RECEIVE FILL.

(vi) THE PLAN SHALL ALSO INCLUDE TEMPORARY EROSION CONTROL MEASURES SHOULD GRADING OR SITE PREPARATION CEASE FOR A PERIOD OF MORE THAN 30 DAYS, INCLUDING BUT NOT LIMITED TO: STABILIZATION OF ALL STOCKPILED FILL, ACCESS ROADS, DISTURBED SOILS AND CUT AND FILL SLOPES WITH GEOTEXTILES AND/OR MATS, SAND BAG BARRIERS, SILT FENCING; TEMPORARY DRAINS AND SWALES AND SEDIMENT BASINS. THE PLANS SHALL ALSO SPECIFY THAT ALL DISTURBED AREAS SHALL BE SEEDED WITH NATIVE GRASS SPECIES AND INCLUDE THE TECHNICAL SPECIFICATIONS FOR SEEDING THE DISTURBED AREAS. THESE TEMPORARY EROSION CONTROL MEASURES SHALL BE MONITORED AND MAINTAINED UNTIL GRADING OR CONSTRUCTION OPERATIONS RESUME.

(vii) ALL TEMPORARY, CONSTRUCTION RELATED EROSION CONTROL MATERIALS SHALL BE COMPRISED OF BIO-DEGRADABLE MATERIALS (NATURAL FIBER, NOT PHOTO-DEGRADABLE PLASTICS) AND MUST BE REMOVED WHEN PERMANENT EROSION CONTROL MEASURES ARE IN PLACE. BIO-DEGRADABLE EROSION CONTROL MATERIALS MAY BE LEFT IN PLACE IF THEY HAVE BEEN INCORPORATED INTO THE PERMANENT LANDSCAPING DESIGN.

B. CONSTRUCTION BEST MANAGEMENT PRACTICES

(i) NO DEMOLITION OR CONSTRUCTION MATERIALS, DEBRIS, OR WASTE SHALL BE PLACED OR STORED WHERE IT MAY ENTER SENSITIVE HABITAT, RECEIVING WATERS OR A STORM DRAIN, OR BE SUBJECT TO WAVE, WIND, RAIN, OR TIDAL EROSION AND DISPERSION.

(ii) ANY AND ALL DEBRIS RESULTING FROM DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE REMOVED FROM THE PROJECT SITE WITHIN 24 HOURS OF COMPLETION OF THE PROJECT.

(iii) DEMOLITION OR CONSTRUCTION DEBRIS AND SEDIMENT SHALL BE REMOVED FROM WORK AREAS EACH DAY THAT DEMOLITION OR CONSTRUCTION OCCURS TO PREVENT THE ACCUMULATION OF SEDIMENT AND OTHER DEBRIS THAT MAY BE DISCHARGED INTO COASTAL WATERS.

(iv) ALL TRASH AND DEBRIS SHALL BE DISPOSED IN THE PROPER TRASH AND RECYCLING RECEPTACLES AT THE END OF EVERY CONSTRUCTION DAY.

(v) THE APPLICANT SHALL PROVIDE ADEQUATE DISPOSAL FACILITIES FOR SOLID WASTE, INCLUDING EXCESS CONCRETE, PRODUCED DURING DEMOLITION OR CONSTRUCTION.

(vi) ALL STOCK PILES AND CONSTRUCTION MATERIALS SHALL BE COVERED, ENCLOSED ON ALL SIDES, SHALL BE LOCATED AS FAR AWAY AS POSSIBLE FROM DRAIN INLETS AND ANY WATERWAY, AND SHALL NOT BE STORED IN CONTACT WITH THE SOIL.

(vii) MACHINERY AND EQUIPMENT SHALL BE MAINTAINED AND WASHED IN CONFINED AREAS SPECIFICALLY DESIGNED TO CONTROL RUNOFF. THINNERS OR SOLVENTS SHALL NOT BE DISCHARGED INTO SANITARY OR STORM SEWER SYSTEMS.

(viii) THE DISCHARGE OF ANY HAZARDOUS MATERIALS INTO ANY RECEIVING WATERS SHALL BE PROHIBITED.

(ix) SPILL PREVENTION AND CONTROL MEASURES SHALL BE IMPLEMENTED TO ENSURE THE PROPER HANDLING AND STORAGE OF PETROLEUM PRODUCTS AND OTHER CONSTRUCTION MATERIALS. MEASURES SHALL INCLUDE A DESIGNATED FUELING AND VEHICLE MAINTENANCE AREA WITH APPROPRIATE BERMS AND PROTECTION TO PREVENT ANY SPILLAGE OF GASOLINE OR RELATED PETROLEUM PRODUCTS OR CONTACT WITH RUNOFF. THE AREA SHALL BE LOCATED AS FAR AWAY FROM THE RECEIVING WATERS AND STORM DRAIN INLETS AS POSSIBLE.

(x) BEST MANAGEMENT PRACTICES (BMPS) AND GOOD HOUSEKEEPING PRACTICES (GHPS) DESIGNED TO PREVENT SPILLAGE AND/OR RUNOFF OF DEMOLITION OR CONSTRUCTION-RELATED MATERIALS, AND TO CONTAIN SEDIMENT OR CONTAMINANTS ASSOCIATED WITH DEMOLITION OR CONSTRUCTION ACTIVITY, SHALL BE IMPLEMENTED PRIOR TO THE ON-SET OF SUCH ACTIVITY

(xi) ALL BMPS SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITY.

C. THE FINAL INTERIM EROSION CONTROL AND CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN SHALL BE IN CONFORMANCE WITH THE SITE/ DEVELOPMENT PLANS APPROVED BY THE COASTAL COMMISSION. ANY NECESSARY CHANGES TO THE COASTAL COMMISSION APPROVED SITE/DEVELOPMENT PLANS REQUIRED BY A QUALIFIED, LICENSED PROFESSIONAL SHALL BE REPORTED TO THE ENGINEER. NO CHANGES TO THE COASTAL COMMISSION APPROVED FINAL SITE/DEVELOPMENT PLANS SHALL OCCUR WITHOUT AN AMENDMENT TO THE COASTAL DEVELOPMENT PERMIT, UNLESS THE ENGINEER DETERMINES THAT NO AMENDMENT IS REQUIRED.

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

TEMPORARY CONSTRUCTION ENTRANCE (TYPE II)	TEMPORARY FIBER ROLL (TYPE II)	TEMPORARY HYDRAULIC MULCH (BONDED FIBER FABRIC)	TEMPORARY CHECK DAM	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY HIGH-VISIBILITY FENCE	MOVE IN/MOVE OUT (TEMPORARY EROSION CONTROL)	TEMPORARY GRAVEL BAG BERM	TEMPORARY LARGE SEDIMENT BARRIER
EA	LF	SQYD	LF	EA	LF	EA	LF	LF
4	3,930	4,213	970	35	520	5	560	100

TEMPORARY WATER POLLUTION CONTROL PLAN

SHEET 116 OF 262

S-WPC-1

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY	CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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USERNAME =>clayton
DGN FILE => SR217-R-WPC.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

LEGEND:

- CUT
- FILL
- TFR — TEMPORARY FIBER ROLL (TYPE II)
- THVF — TEMPORARY HIGH VISIBILITY FENCE
- TEMPORARY CHECK DAM
- TEMPORARY DRAINAGE INLET PROTECTION
- TEMPORARY HYDRAULIC MULCH (BONDED FIBER FABRIC)
- TEMPORARY CONSTRUCTION ENTRANCE/EXIT (TYPE II)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	36	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

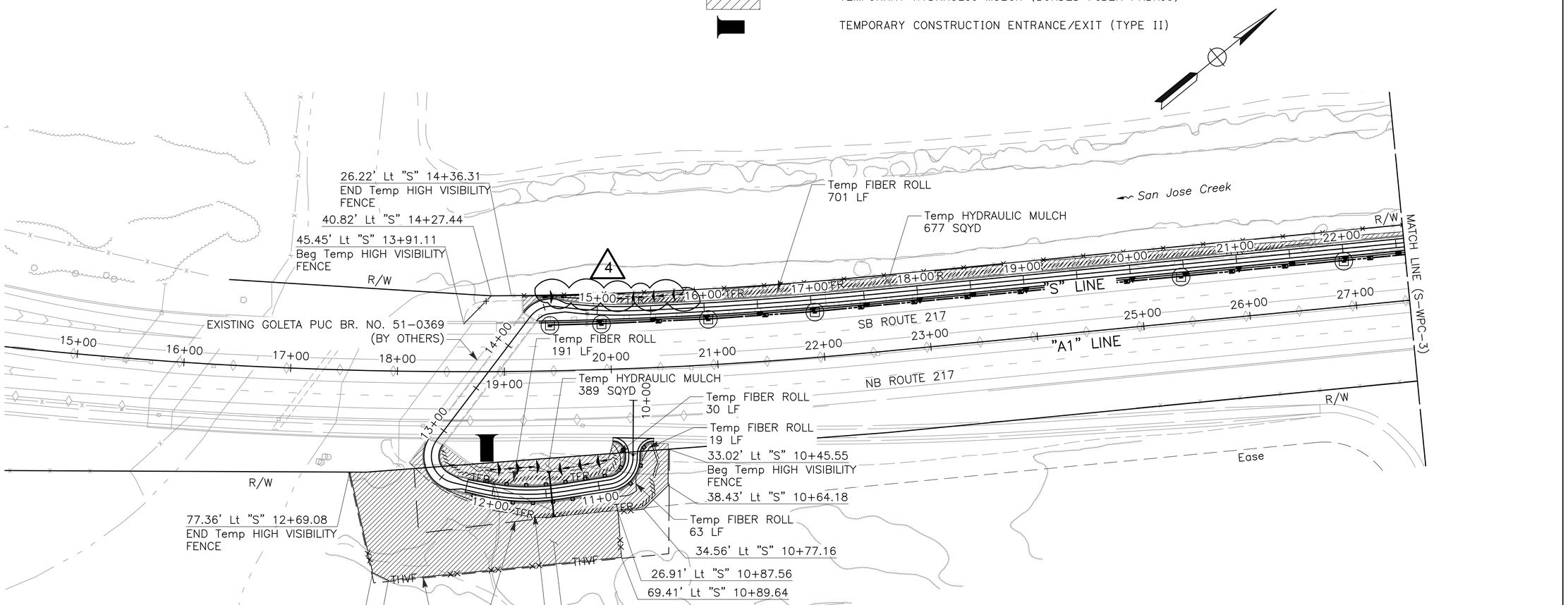
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

S-WPC-2

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

CL	5/15/25	ADDENDUM 4
REVISED BY	DATE REVISED	
CHRISTIAN LAYTON	JOSE SILVA	
CALCULATED-DESIGNED BY	CHECKED BY	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS		

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217-R-WPC.dwg, 5/13/2025 12:04 PM

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:04 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>agarcia | DGN FILE => SR217-R-WPC.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

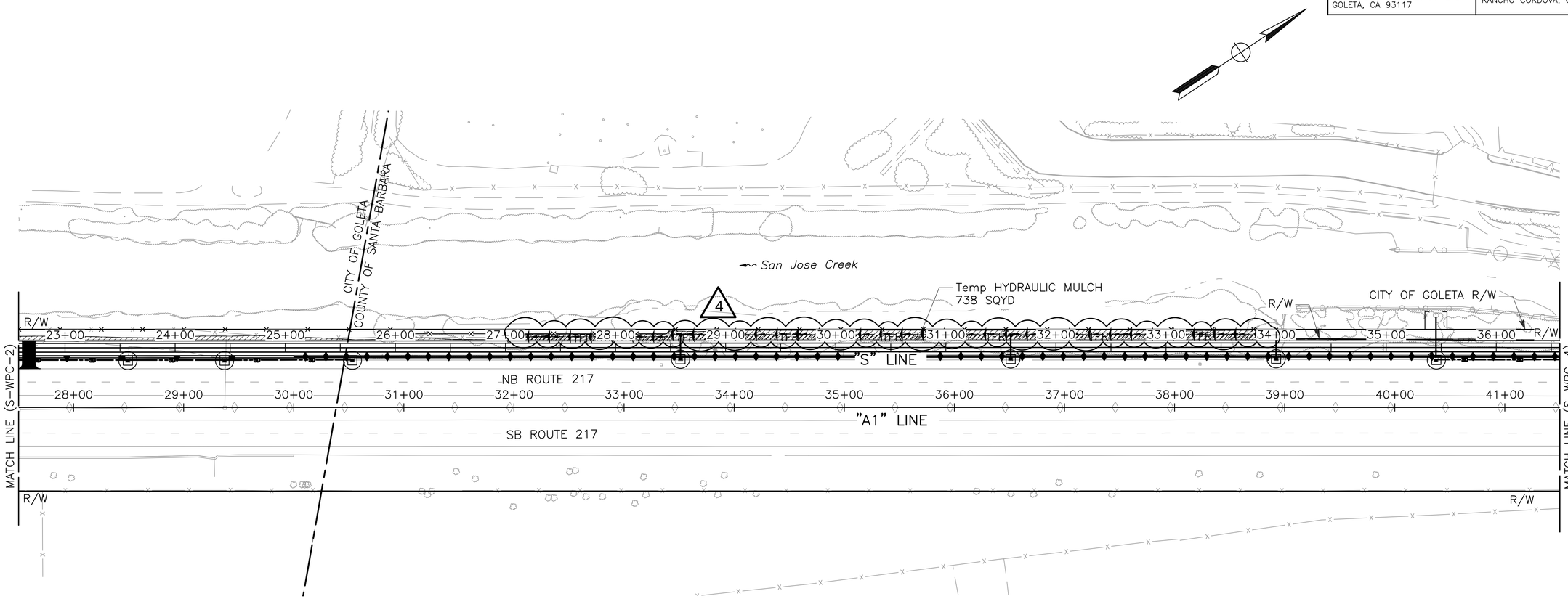
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

S-WPC-3

REVISED BY	DATE REVISED
CL	5/15/25 ADDENDUM 4

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:07 pm

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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

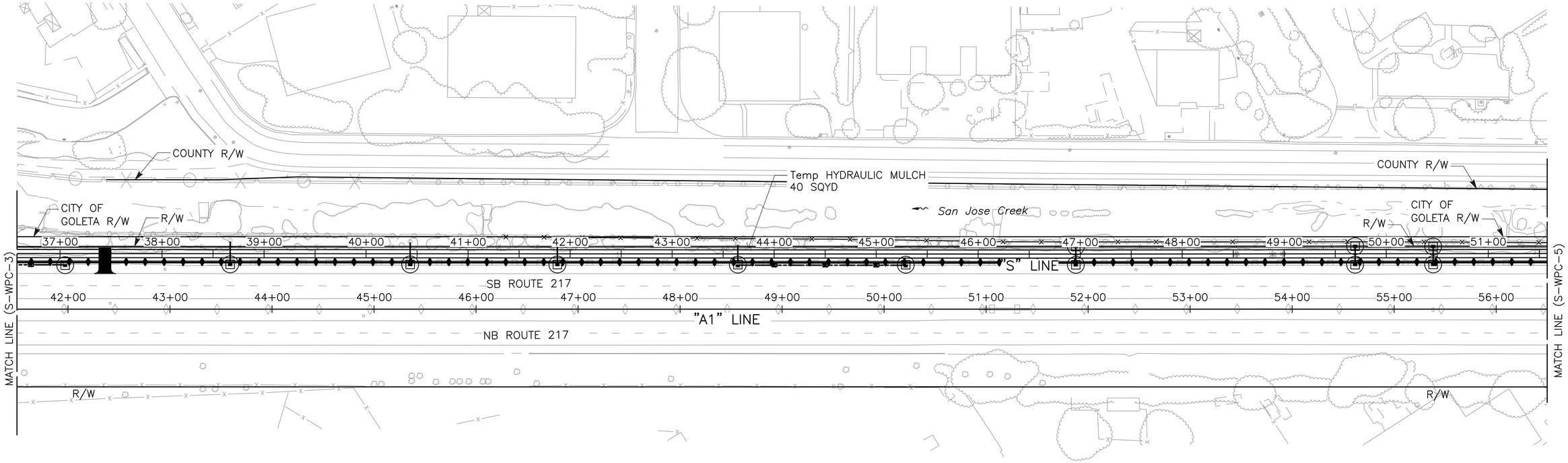
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

S-WPC-4

SHEET 119 OF 262

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217-R-WPC.dwg, 3/13/2025 6:52 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED-DESIGNED BY: CHRISTIAN LAYTON | CHECKED BY: JOSE SILVA | REVISED BY | DATE REVISED

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 13, 2025 | TIME PLOTTED => 6:52 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217-R-WPC.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	39	159

Christian Layton 03-14-25
REGISTERED CIVIL ENGINEER DATE

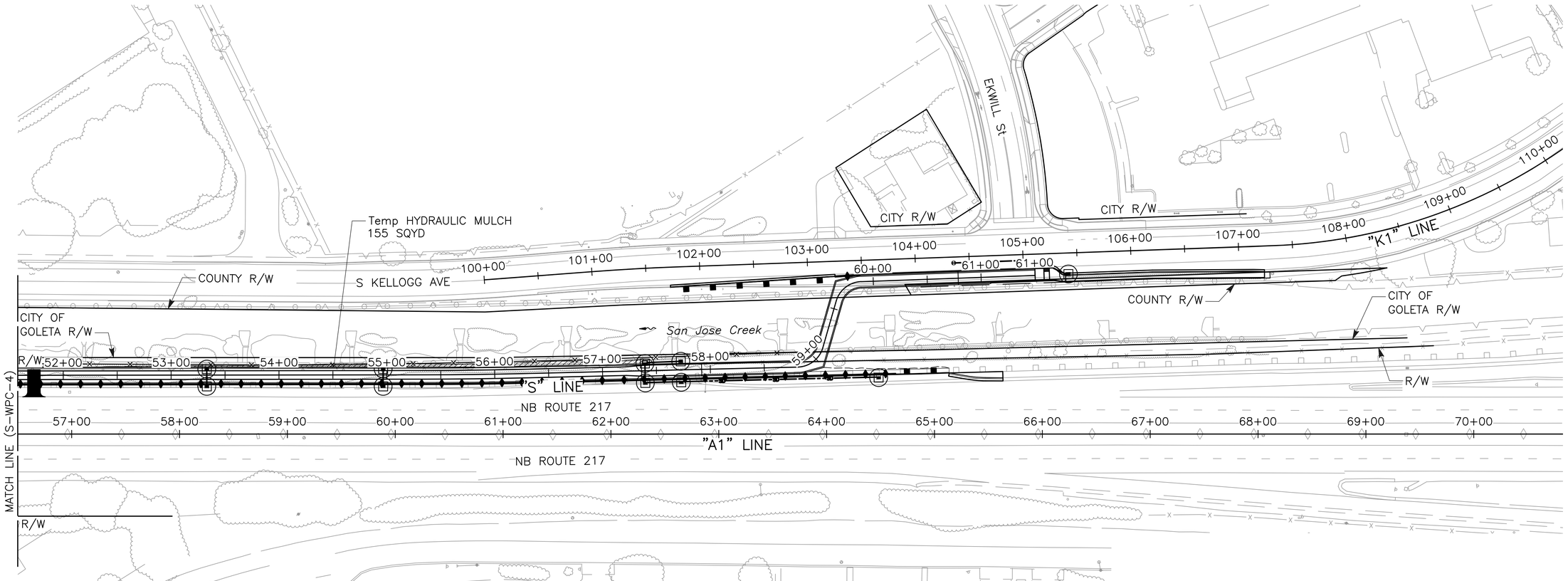
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

S-WPC-5

SHEET 120 OF 262

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217-R-WPC.dwg, 3/13/2025 6:52 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 6:52 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217-R-WPC.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT OF-WAY-DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. UTILITIES SHOWN ARE APPROXIMATE. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. SEE UTILITY PLANS.

ABBREVIATIONS:

RCP REINFORCED CONCRETE PIPE
FES FLARED END SECTION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	40	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

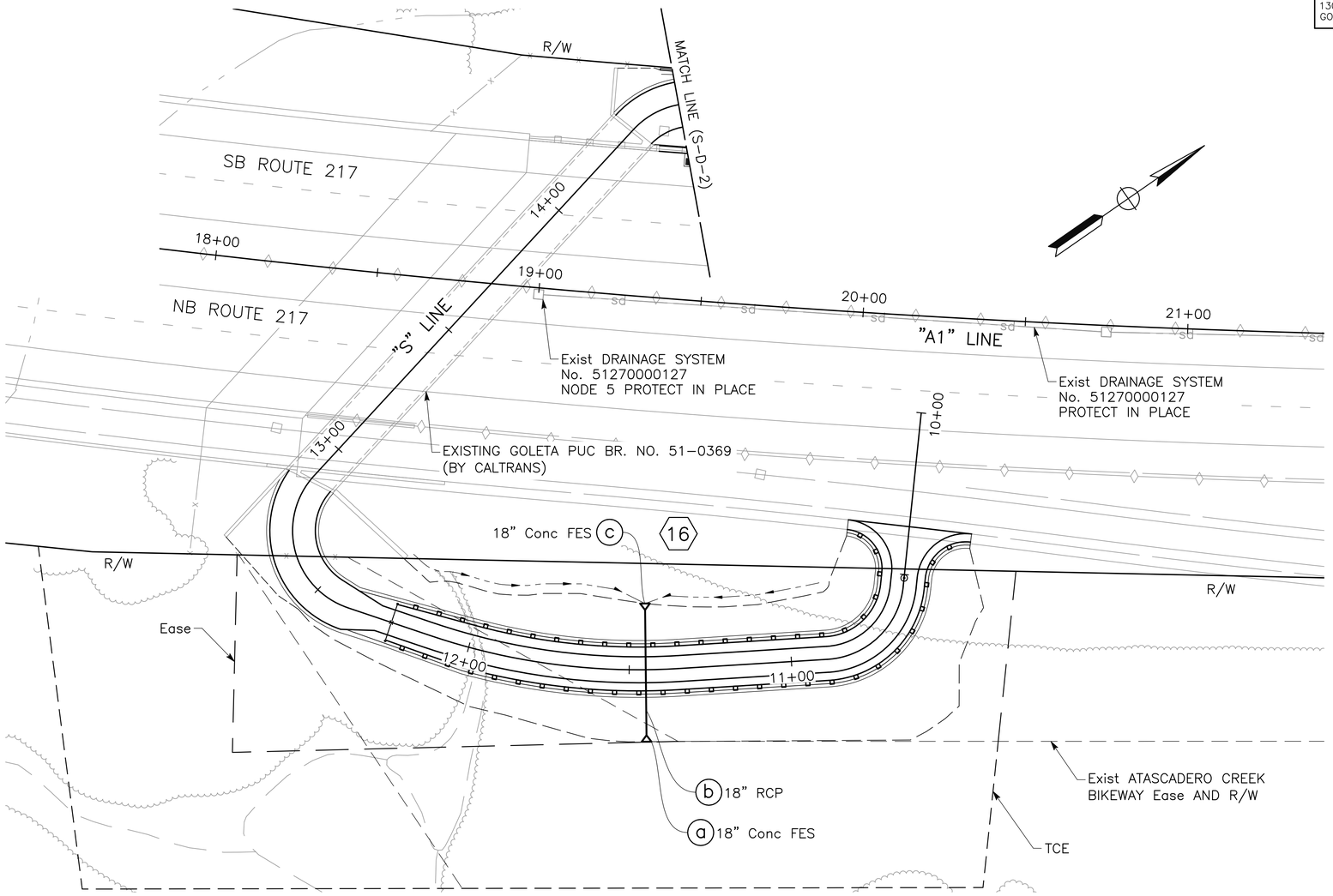
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

SHEET 121 OF 262

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-1

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	CALCULATED-DESIGNED BY: JOSE SILVA	CHECKED BY: CHRISTIAN LAYTON	REVISED BY	DATE REVISED

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:54 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:54 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_D.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — DATE 03-14-25

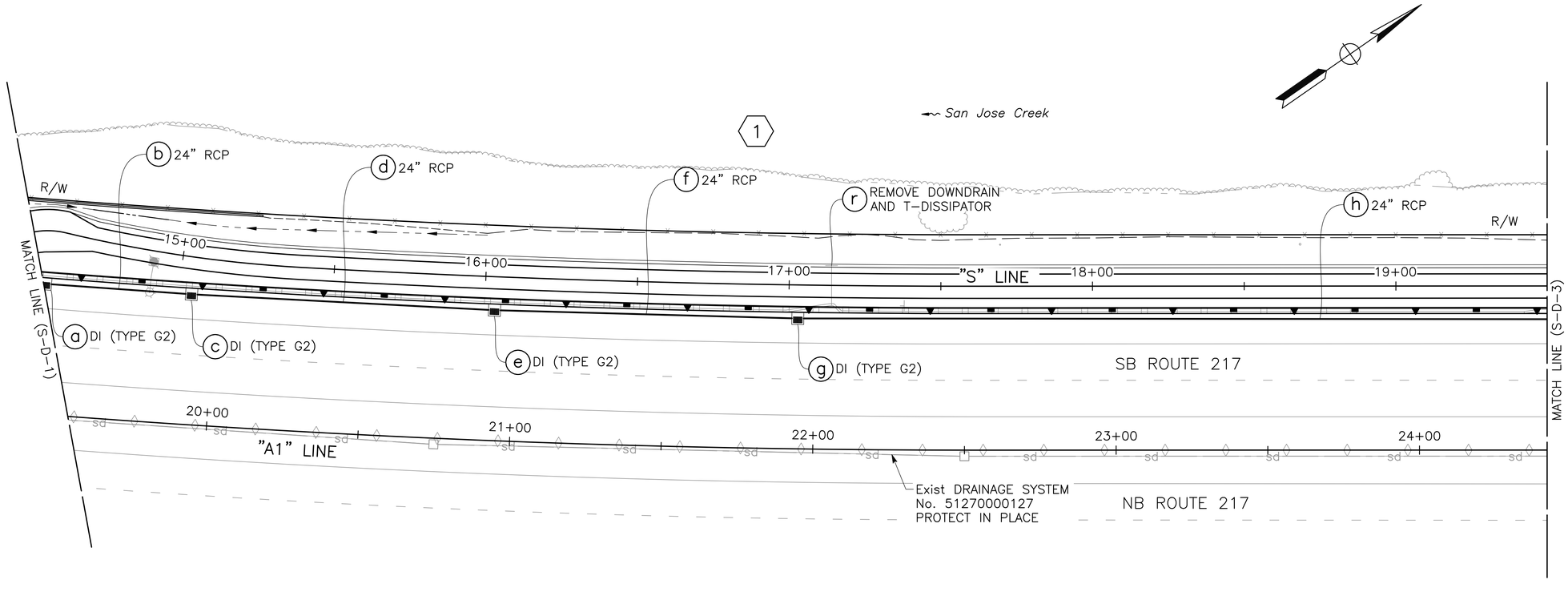
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-2

APPROVED FOR DRAINAGE WORK ONLY

SHEET 122 OF 262

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:54 am

CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:54 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_D.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

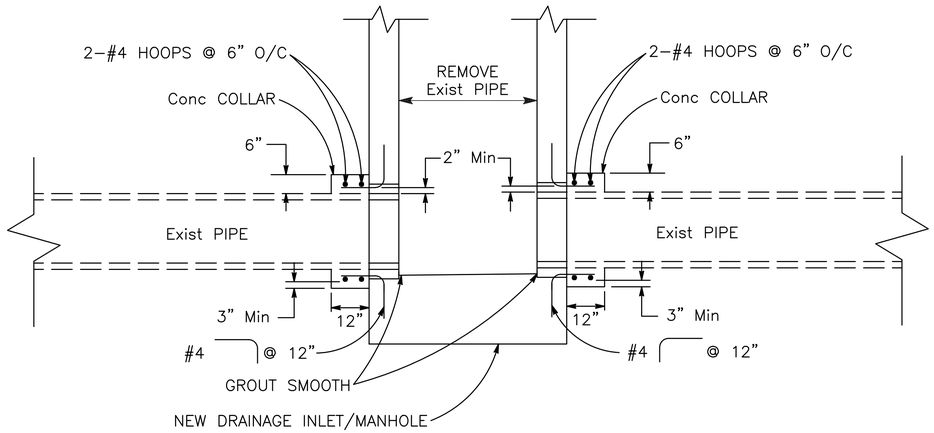
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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

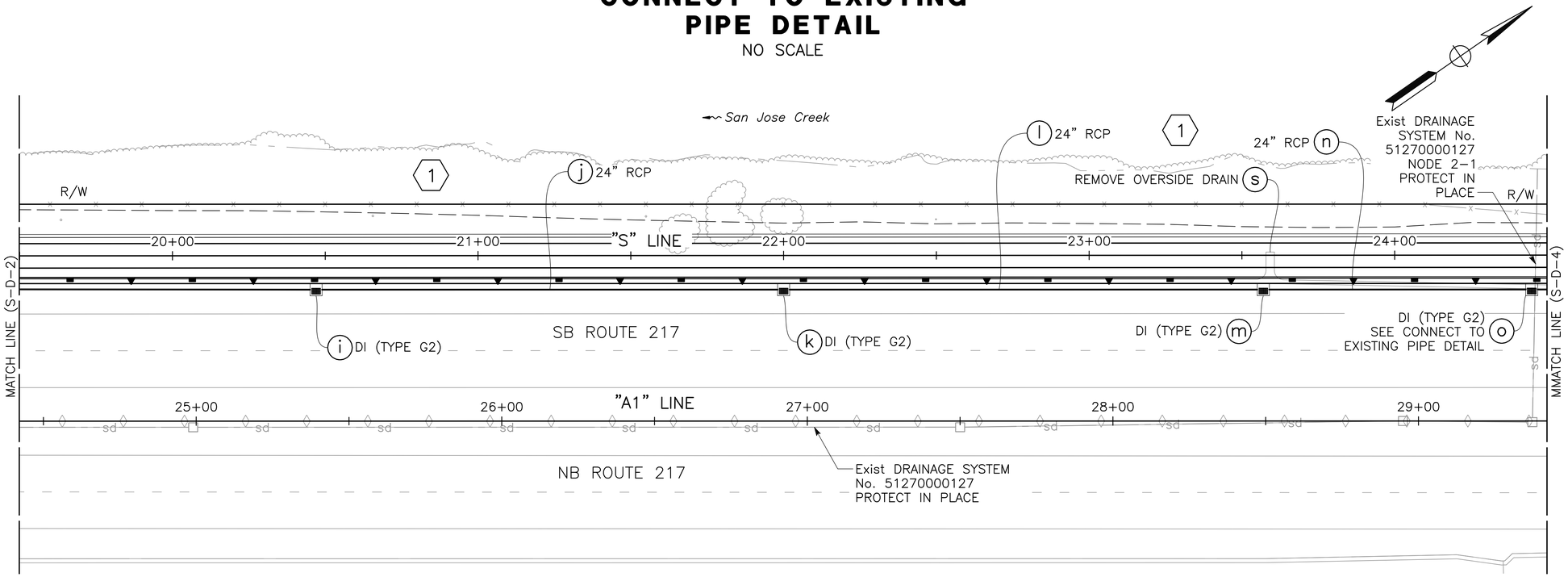
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONNECT TO EXISTING PIPE DETAIL

NO SCALE



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-3

APPROVED FOR DRAINAGE WORK ONLY

SHEET 123 OF 262

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:55 AM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED–DESIGNED BY: CHRISTIAN LAYTON | CHECKED BY: JOSE SILVA | REVISED BY | DATE REVISED

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 26, 2025 | TIME PLOTTED => 8:55 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_D.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

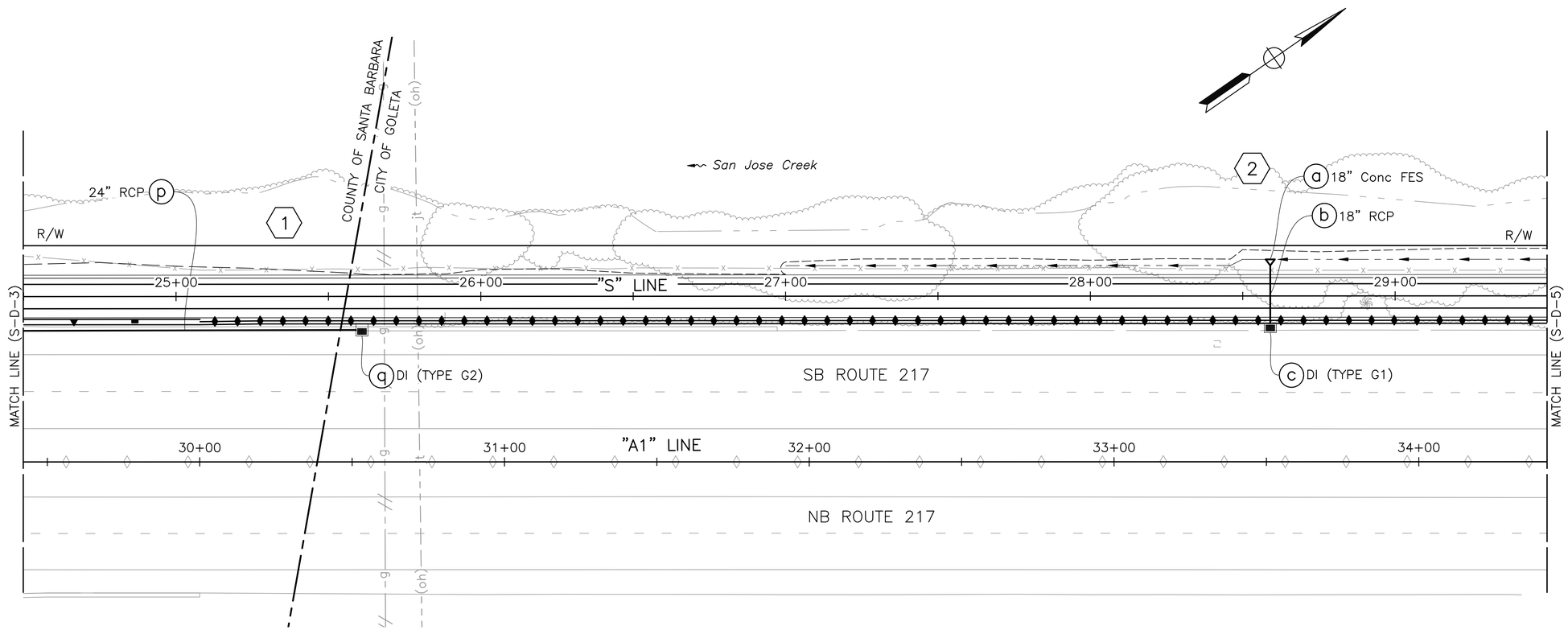
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-4

APPROVED FOR DRAINAGE WORK ONLY

SHEET 124 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:55 am

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BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	44	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

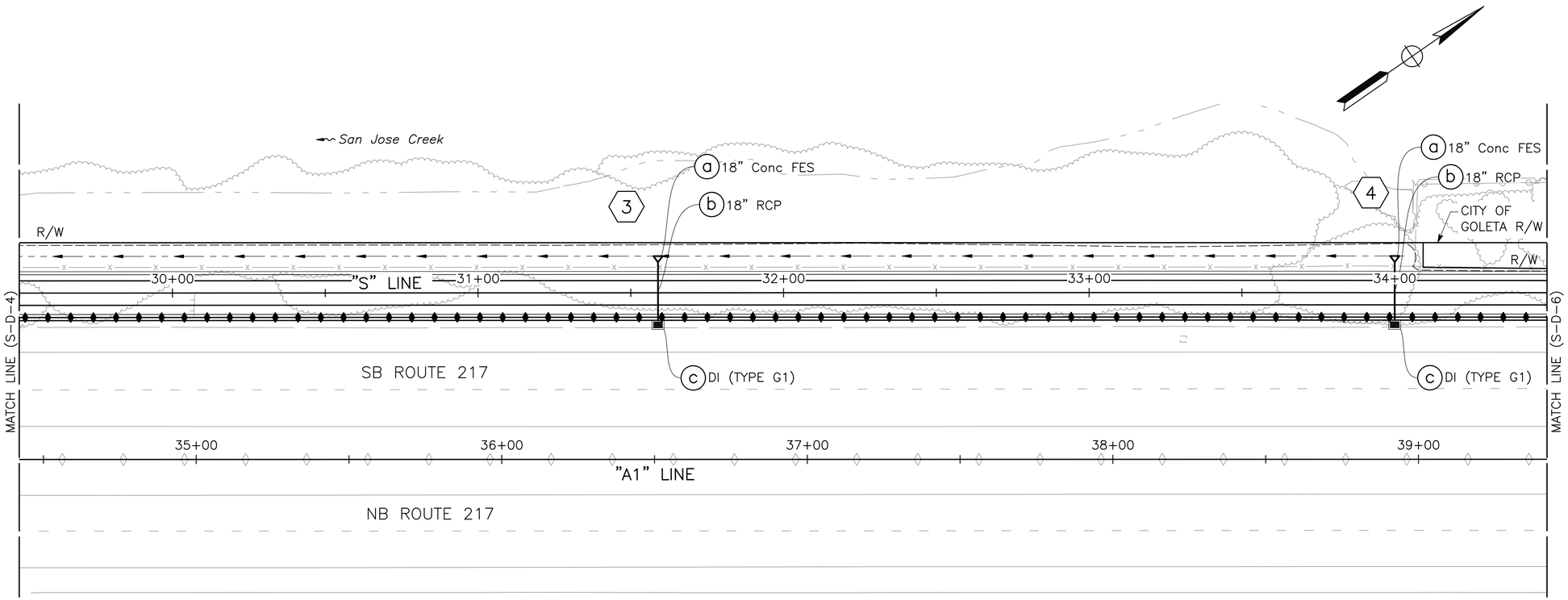
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY | DATE REVISED

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:55 AM

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-5

APPROVED FOR DRAINAGE WORK ONLY

SHEET 125 OF 262

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:55 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

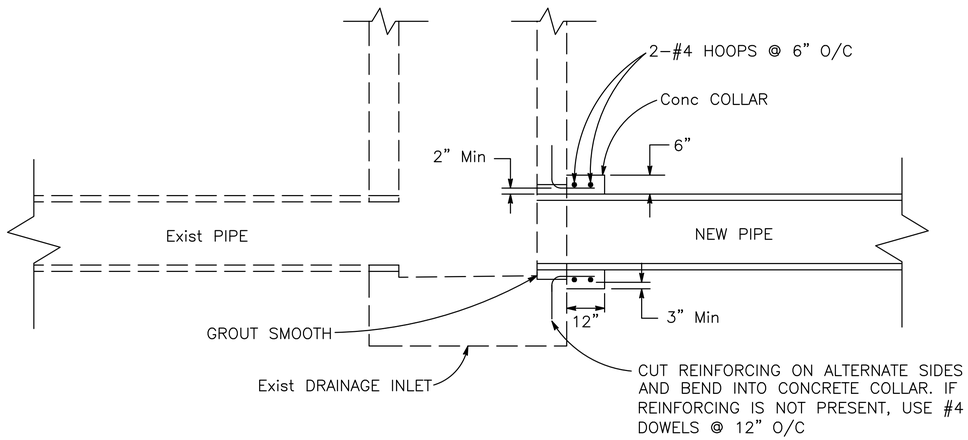
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March 14, 2025
PLANS APPROVAL DATE

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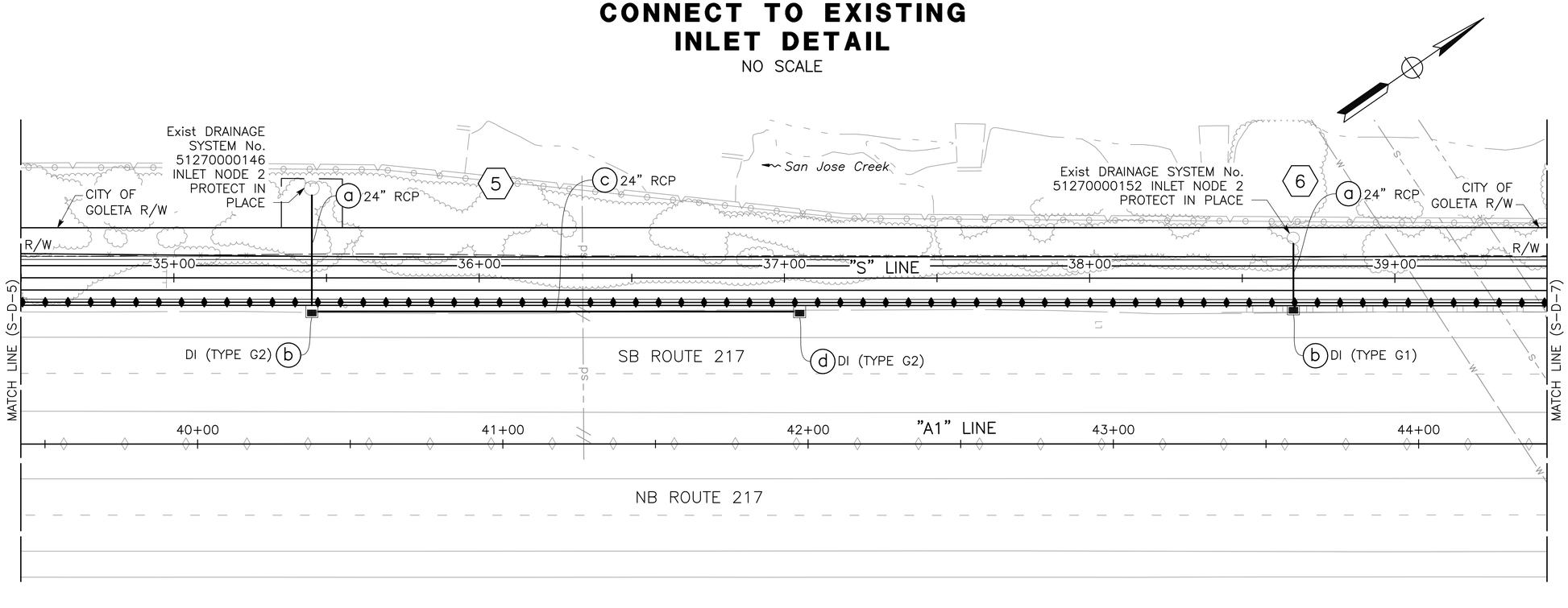
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



CONNECT TO EXISTING INLET DETAIL

NO SCALE



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-6

APPROVED FOR DRAINAGE WORK ONLY

SHEET 126 OF 262

CALCULATED–DESIGNED BY	CHRISTIAN LAYTON	REVISED BY		DATE PLOTTED => Mar 26, 2025	
CHECKED BY	JOSE SILVA	DATE REVISED		TIME PLOTTED => 8:55 am	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA			LAST REVISION	03-14-25
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS					

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_D.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	46	159

REGISTERED CIVIL ENGINEER — DATE: 03-14-25

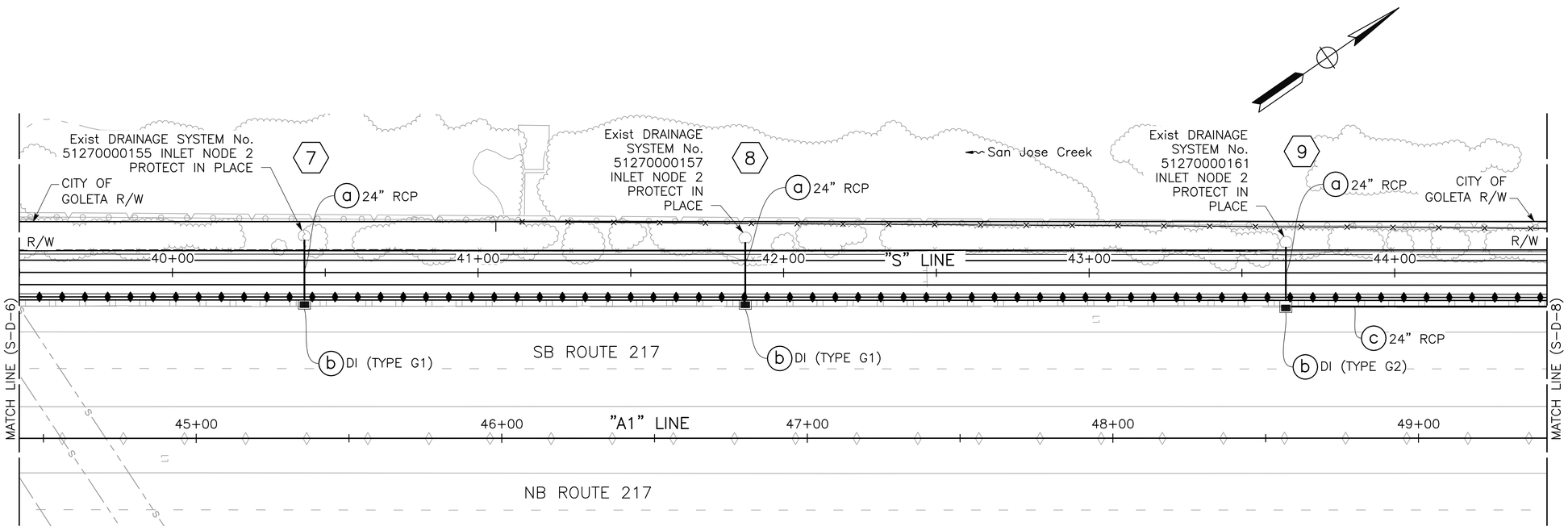
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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PLANS APPROVAL DATE

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CITY OF GOLETA
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GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-7

APPROVED FOR DRAINAGE WORK ONLY

SHEET 127 OF 262

CHRISTIAN LAYTON	CALCULATED–DESIGNED BY		REVISED BY	DATE REVISED
JOSE SILVA	CHECKED BY			
JOSE SILVA	CONSULTANT FUNCTIONAL SUPERVISOR			
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS				

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:55 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	47	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

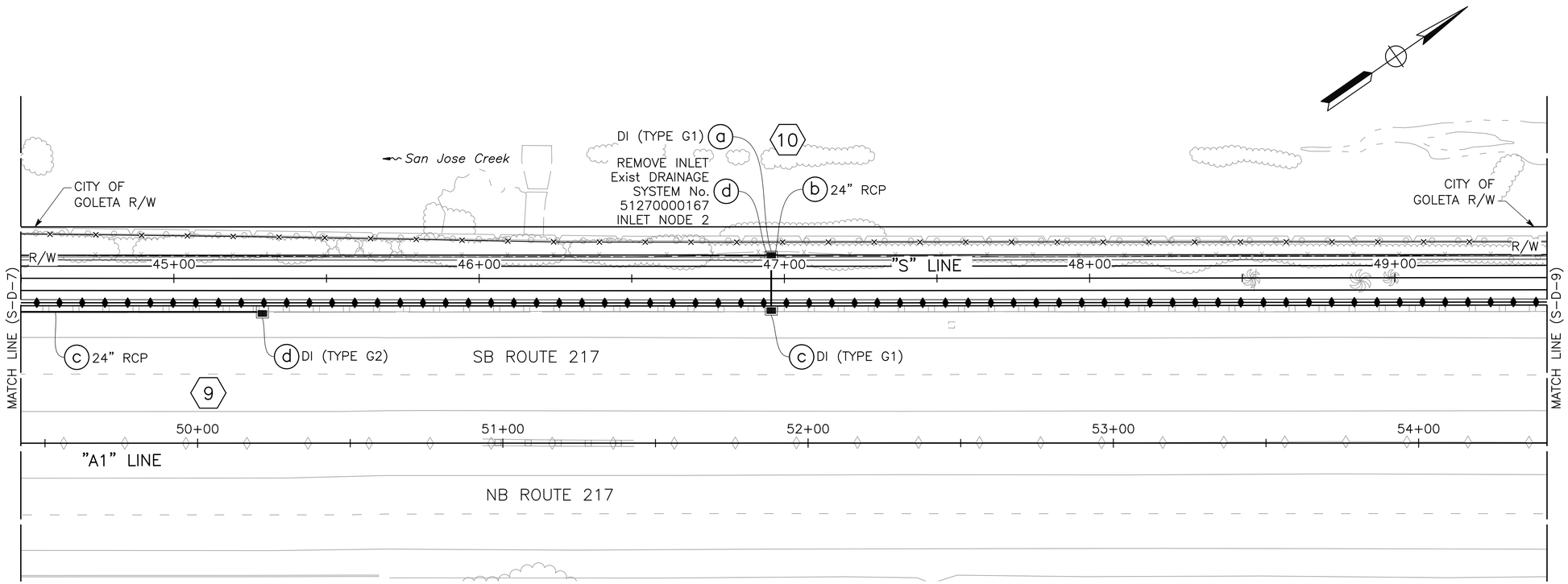
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-8

APPROVED FOR DRAINAGE WORK ONLY

SHEET 128 OF 262

CHRISTIAN LAYTON	JOSE SILVA				
CALCULATED-DESIGNED BY	CHECKED BY				
JOSE SILVA					
CONSULTANT FUNCTIONAL SUPERVISOR					
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS					

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:55 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:55 am

BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	48	159

REGISTERED CIVIL ENGINEER — DATE 03-14-25

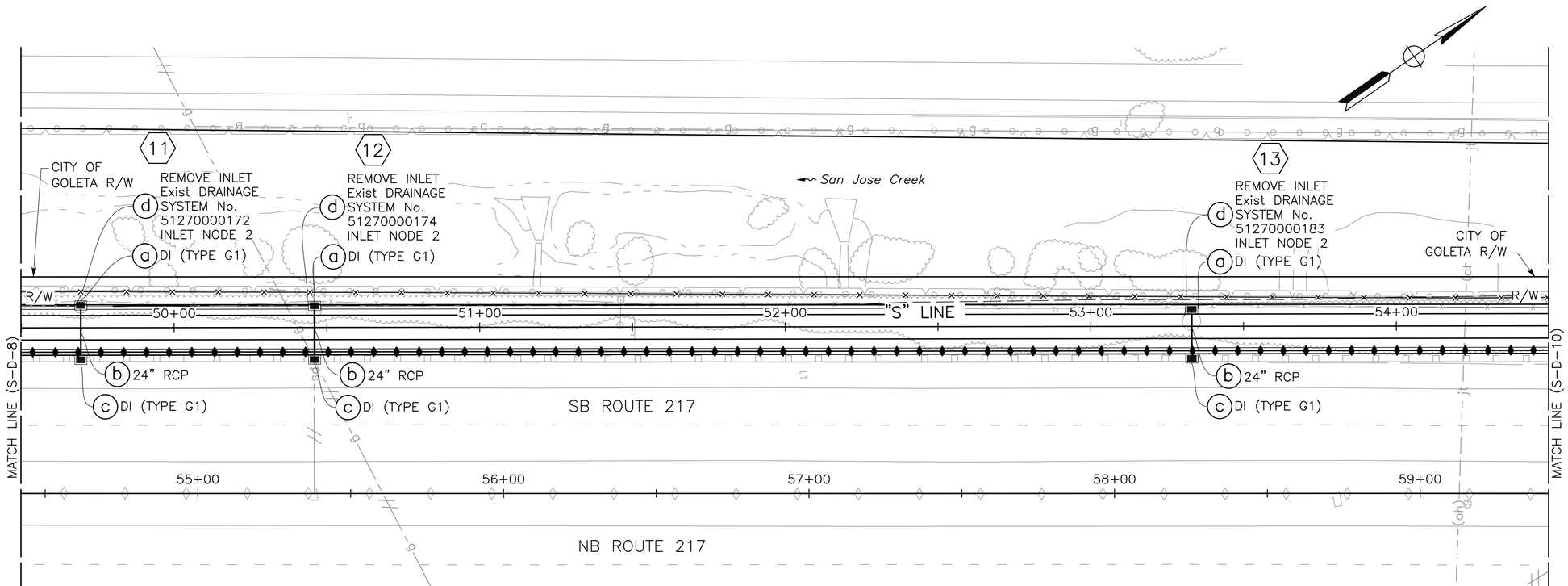
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-9

APPROVED FOR DRAINAGE WORK ONLY

SHEET 129 OF 262

CHECKED BY	CALCULATED–DESIGNED BY	CHRISTIAN LAYTON	REVISED BY		
		JOSE SILVA	DATE REVISED		
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA			

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:55 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:55 am

BORDER LAST REVISED 7/2/2010
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DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
212

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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03-14-25
REGISTERED CIVIL ENGINEER DATE

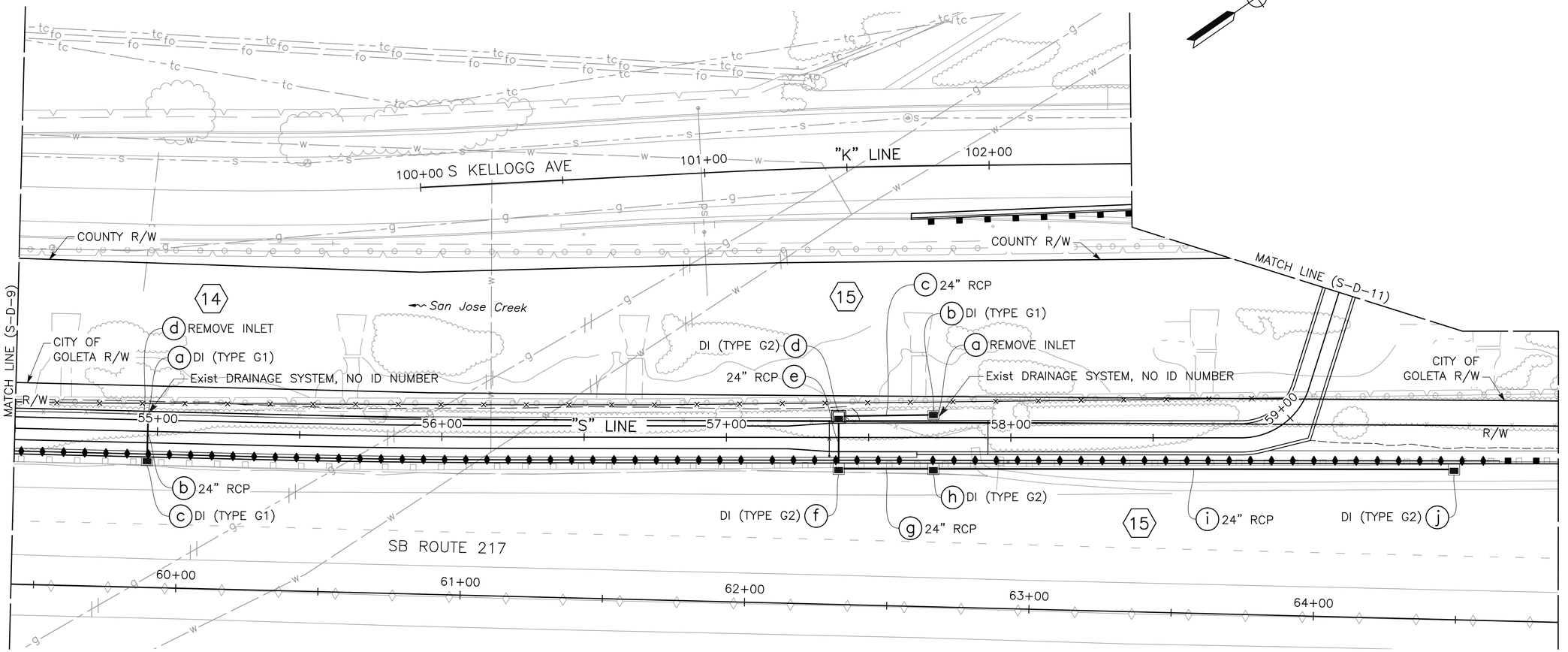
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR DRAINAGE WORK ONLY

SHEET 130 OF 262

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-10

213

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:56 AM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:56 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

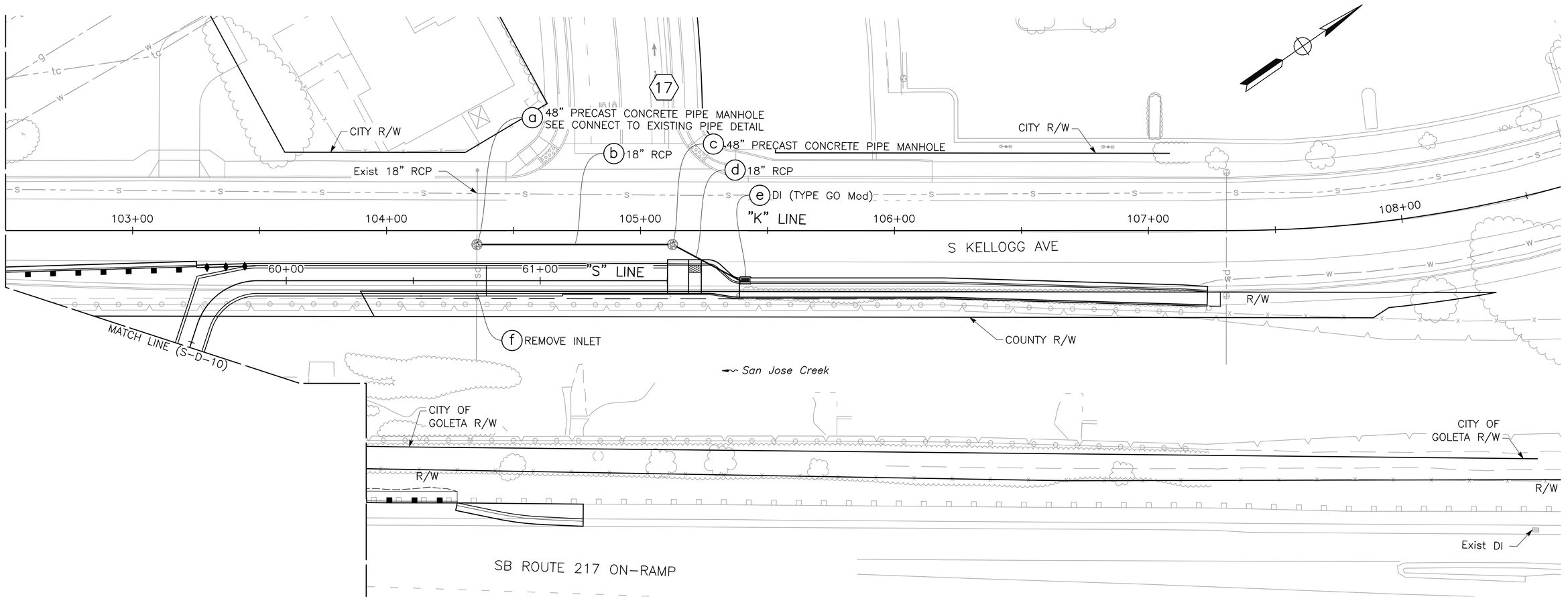
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-11

APPROVED FOR DRAINAGE WORK ONLY

SHEET 131 OF 262

214

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 3/26/2025 8:56 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 8:56 am

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_D.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	51	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DRAINAGE PROFILES

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

S-DP-1

SHEET 132 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:00 pm

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton DGN FILE => SR217_R_DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

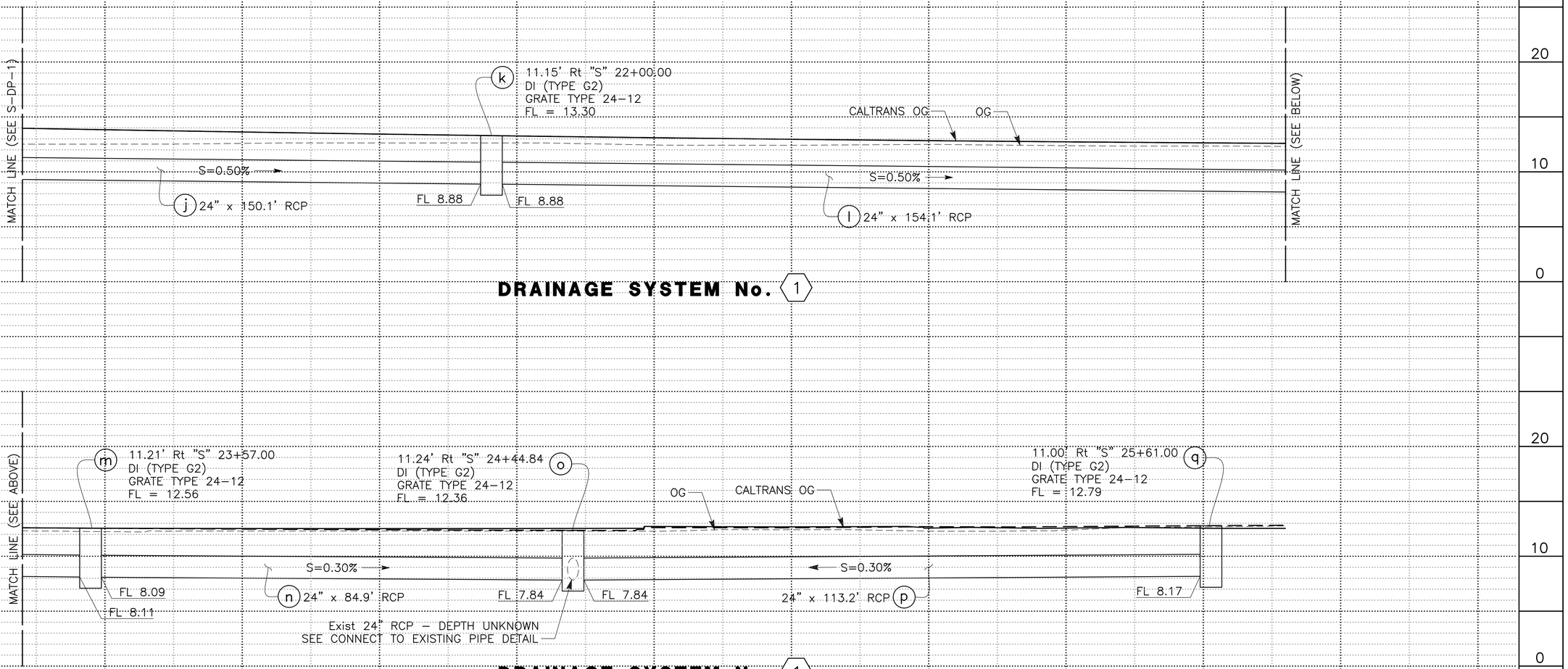
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.



DRAINAGE PROFILES

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

S-DP-2

SHEET 133 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:01 pm

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BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_DP.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

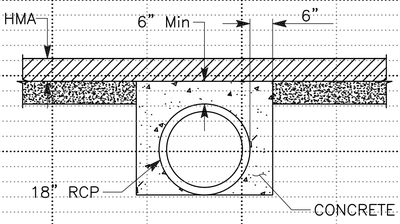
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

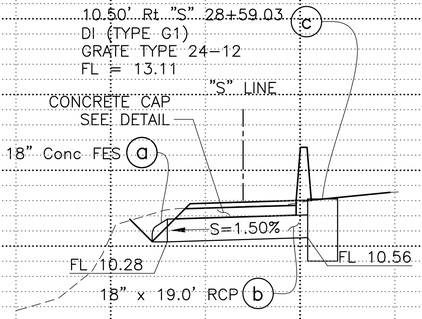
NOTES:

1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.

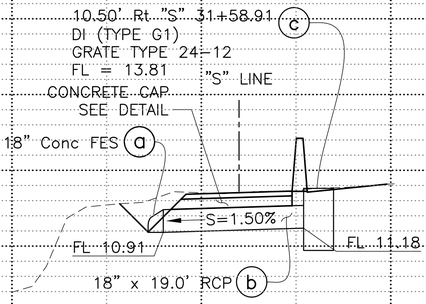


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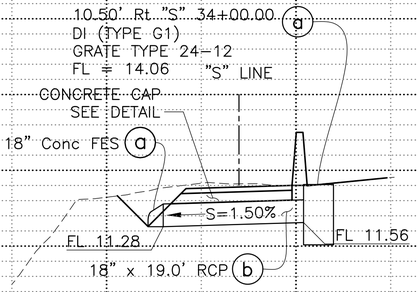
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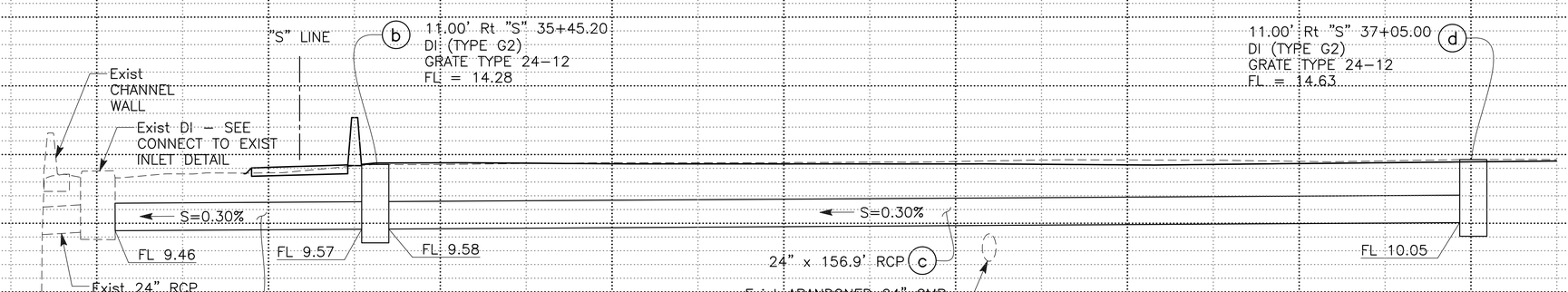
DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 3



DRAINAGE SYSTEM No. 4



DRAINAGE SYSTEM No. 5

DRAINAGE PROFILES

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

S-DP-3

SHEET 134 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

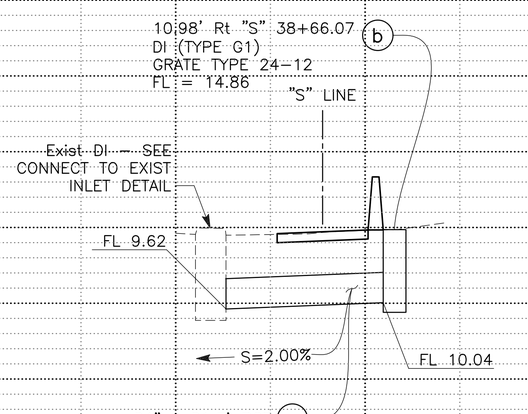
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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:01 pm

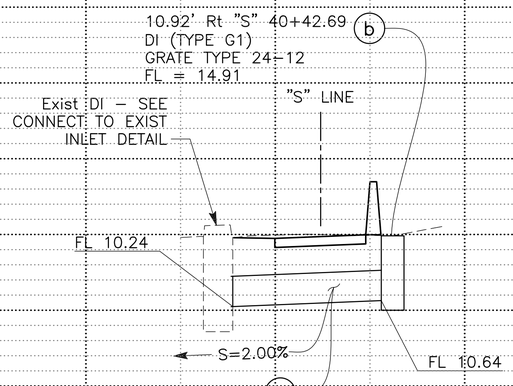
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RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
217

NOTES:

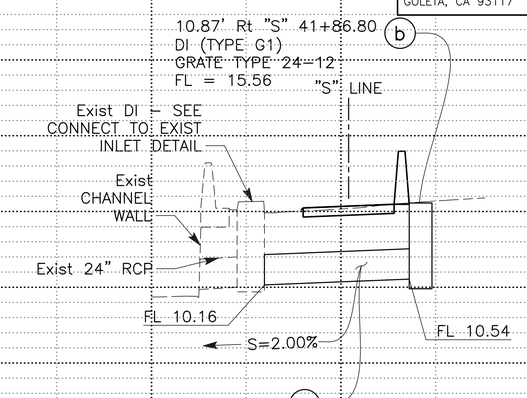
1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.



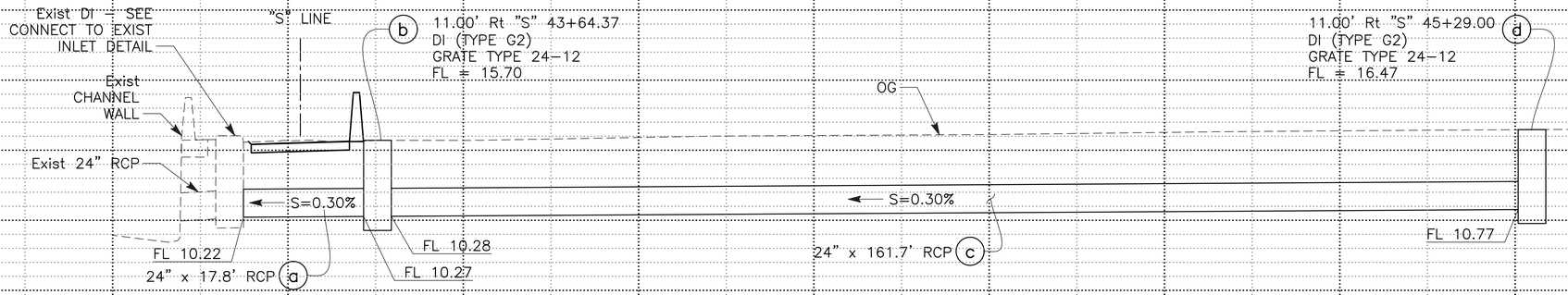
DRAINAGE SYSTEM No. 6



DRAINAGE SYSTEM No. 7



DRAINAGE SYSTEM No. 8



DRAINAGE SYSTEM No. 9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	54	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
REVISED BY — DATE REVISED
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:02 pm
LAST REVISION 03-14-25

DRAINAGE PROFILES

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

S-DP-4

SHEET 135 OF 262

BORDER LAST REVISED 7/2/2010 | USERNAME => clayton | DGN FILE => SR217_R_DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	55	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

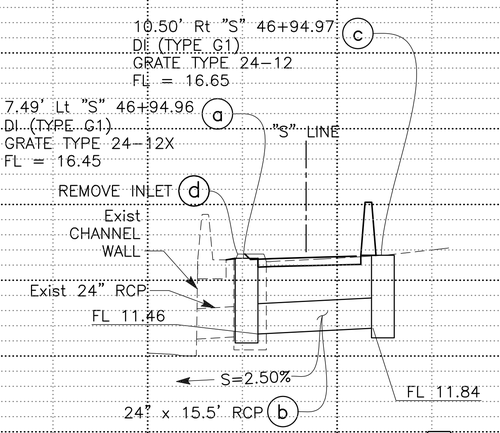
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

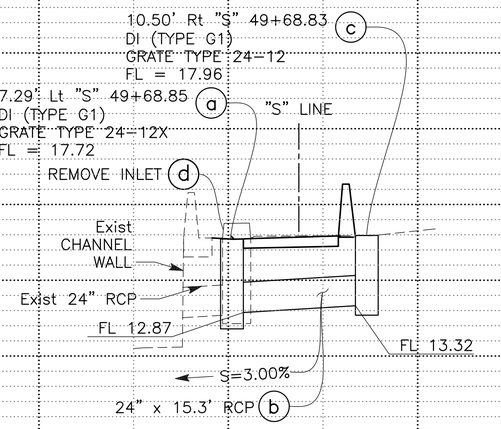
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

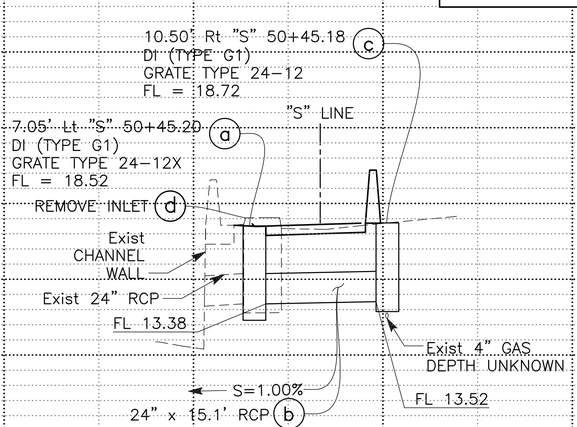
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



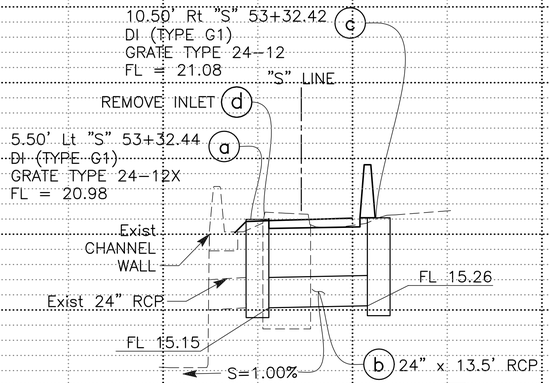
DRAINAGE SYSTEM NO. 10



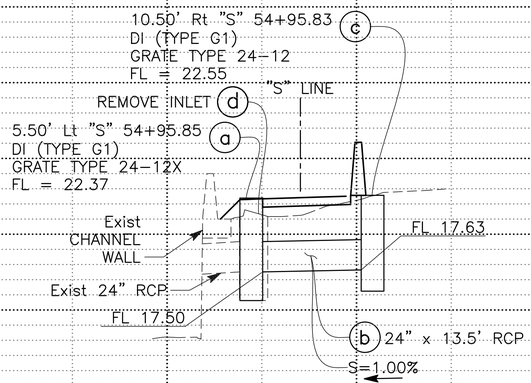
DRAINAGE SYSTEM NO. 11



DRAINAGE SYSTEM NO. 12



DRAINAGE SYSTEM No. 13



DRAINAGE SYSTEM No. 14

DRAINAGE PROFILES

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

S-DP-5

SHEET 136 OF 262

219

REVISED BY | DATE REVISED
CHRISTIAN LAYTON | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:02 pm

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton DGN FILE => SR217_R_DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

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5	SB	217	1.0/2.4	56	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

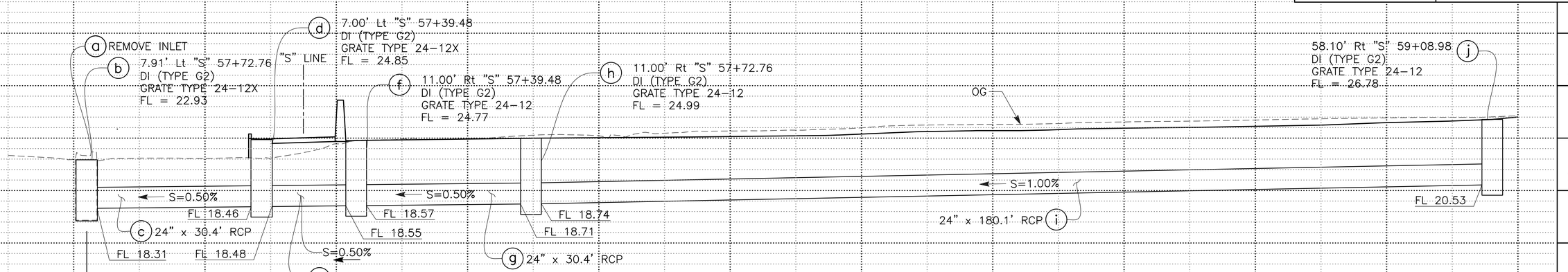
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

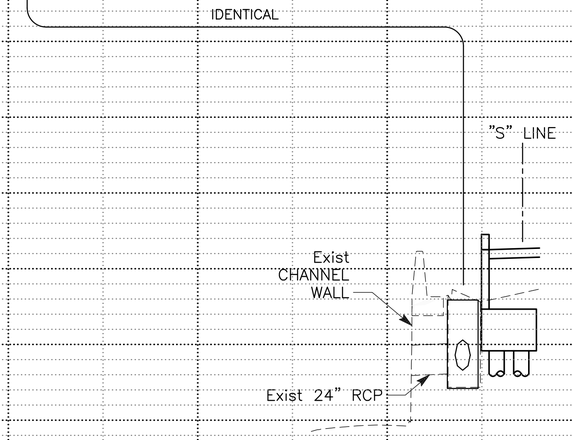
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

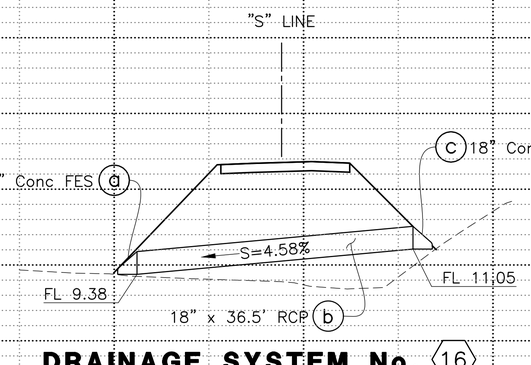
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE SYSTEM No. 15



DRAINAGE SYSTEM No. 15



DRAINAGE SYSTEM No. 16

DRAINAGE PROFILES

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

S-DP-6

SHEET 137 OF 262

220

REVISED BY | DATE REVISED
CHRISTIAN LAYTON | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – C\ Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_DP.dwg, 3/13/2025 7:03 PM

DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:03 pm
LAST REVISION 03-14-25

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	57	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

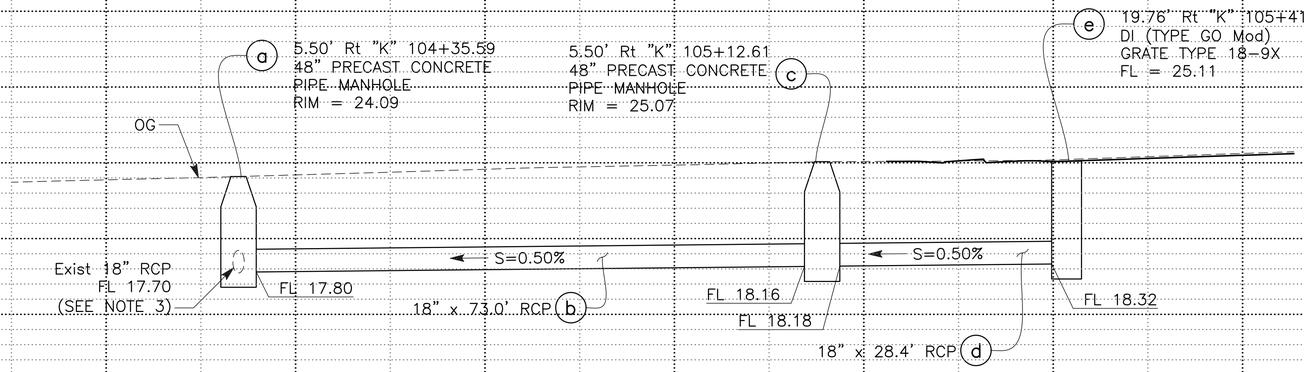
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.
3. INVERT INFORMATION OBTAINED FROM RECORD DRAWINGS PROVIDED BY CITY OF GOLETA. ELEVATION TO BE VERIFIED.



DRAINAGE SYSTEM No. 18

DRAINAGE PROFILES

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

S-DP-7

SHEET 138 OF 262

221

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY | DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:07 pm

\\ran-fs\RanchoCordova\Projects\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_DP.dwg, 3/13/2025 7:07 PM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_DP.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

1. DRAINAGE INLET MARKERS SHALL BE TYPE METAL MEDALLION.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	58	159

REGISTERED CIVIL ENGINEER — DATE: 03-14-25

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

PLANS APPROVAL DATE: March 14, 2025

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT No.	REMOVE INLET	REMOVE DOWNDRAIN AND T-DISSIPATOR	REMOVE OVERSIDE DRAIN	18" RCP	24" RCP	MISCELLANEOUS IRON AND STEEL	STRUCTURAL CONCRETE, DRAINAGE INLET	HEIGHT OF INLET (N)	DRAINAGE INLET MARKER	18" CONCRETE FES	48" PRECAST CONCRETE PIPE MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	LF	
S-D-1	16	a										1		
		b				36.5								
		c							**3.03** ~~2.00~~			1		
S-D-2	1	a						326		5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		b					45.3							
		c						326	**3.09** ~~2.04~~	5.7	1			DI (TYPE G2), GRATE TYPE 24-12
		d					97.1							
		e						326	**3.20** ~~2.10~~	5.9	1			DI (TYPE G2), GRATE TYPE 24-12
		f					97.1							
		g						326	**3.23** ~~2.13~~	6.0	1			DI (TYPE G2), GRATE TYPE 24-12
		h					341.2							
		r		1										
S-D-3	1	i						326	**3.23** ~~2.12~~	6.0	1			DI (TYPE G2), GRATE TYPE 24-12
		j					150.1							
		k						326	**3.60** ~~2.35~~	6.9	1			DI (TYPE G2), GRATE TYPE 24-12
		l					154.1							
		m						326	**3.01** ~~1.99~~	5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		n					84.9							
		o						326	**3.04** ~~2.01~~	5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		s			1									
S-D-4	1	p					113.2							
		q						326	**3.07** ~~2.03~~	5.6	1			DI (TYPE G2), GRATE TYPE 24-12
	2	a										1		
		b				19.0								
		c						326	1.19	4.1	1			DI (TYPE G1), GRATE TYPE 24-12
S-D-5	3	a										1		
		b				19.0								
		c						326	1.19	4.1	1			DI (TYPE G1), GRATE TYPE 24-12
TOTAL (THIS SHEET)			0	1	1	74.5	1083.0	3586	**30.88** ~~21.14~~	–	11	4	0	

4

DRAINAGE QUANTITES
S-DQ-1

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
CL — REVISED BY
5/15/25 ADDENDUM 4 — DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:08 pm

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BORDER LAST REVISED 7/2/2010
USERNAME => agarcia
DGN FILE => SR217_R_DQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
222

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	59	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT No.	REMOVE INLET	REMOVE DOWNDRAIN AND T-DISSIPATOR	REMOVE OVERSIDE DRAIN	18" RCP	24" RCP	MISCELLANEOUS IRON AND STEEL	STRUCTURAL CONCRETE, DRAINAGE INLET	HEIGHT OF INLET (N)	DRAINAGE INLET MARKER	18" CONCRETE FES	48" PRECAST CONCRETE PIPE MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	LF	
S-D-5	4	a										1		
		b				19.0								
		c						326	1.16	4.0	1			DI (TYPE G1), GRATE TYPE 24-12
S-D-6	5	a					36.6		**3.11**					
		b						326	~~2.05~~	5.7	1			DI (TYPE G2), GRATE TYPE 24-12
		c					156.9		**3.06**					
		d						326	~~2.02~~	5.6	1			DI (TYPE G2), GRATE TYPE 24-12
	6	a					21.3							
		b						326	1.49	5.5	1			DI (TYPE G1), GRATE TYPE 24-12
S-D-7	7	a					20.4							
		b						326	1.42	5.1	1			DI (TYPE G1), GRATE TYPE 24-12
	8	a					19.7							
		b						326	1.55	5.7	1			DI (TYPE G1), GRATE TYPE 24-12
	9	a					17.8							
		b						326	**3.41** ~~2.23~~	6.4	1			DI (TYPE G2), GRATE TYPE 24-12
		c					161.7		**3.52**					
S-D-8	9	d						326	~~2.30~~	6.7	1			DI (TYPE G2), GRATE TYPE 24-12
	10	a						239	1.52	5.6	1			DI (TYPE G1), GRATE TYPE 24-12X
		b					15.5							
		c						326	1.49	5.5	1			DI (TYPE G1), GRATE TYPE 24-12
		d	1											
S-D-9	11	a						239	1.59	5.9	1			DI (TYPE G1), GRATE TYPE 24-12X
		b					15.3							
		c						326	1.44	5.2	1			DI (TYPE G1), GRATE TYPE 24-12
		d	1											
TOTAL (THIS SHEET)			2	0	0	19.0	465.2	3738	**24.76** ~~20.27~~	–	12	1	0	

4

DRAINAGE QUANTITES
S-DQ-2

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_DQ.dwg, 5/13/2025 12:10 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY: CL
DATE REVISED: 5/15/25 ⚠4 ADDENDUM 4

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:10 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>agarcia
DGN FILE => SR217_R_DQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	60	159

REGISTERED CIVIL ENGINEER — DATE 03-14-25

CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT No.	REMOVE INLET	REMOVE DOWNDRAIN AND T-DISSIPATOR	REMOVE OVERSIDE DRAIN	18" RCP	24" RCP	MISCELLANEOUS IRON AND STEEL	STRUCTURAL CONCRETE, DRAINAGE INLET	HEIGHT OF INLET (N)	DRAINAGE INLET MARKER	18" CONCRETE FES	48" PRECAST CONCRETE PIPE MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	LF	
S-D-9	12	a						239	1.66	6.2	1			DI (TYPE G1), GRATE TYPE 24-12X
		b					15.1							
		c						326	1.58	5.9	1			DI (TYPE G1), GRATE TYPE 24-12
		d	1											
	13	a						239	1.72	6.5	1			DI (TYPE G1), GRATE TYPE 24-12X
		b					13.5							
		c						326	1.71	6.5	1			DI (TYPE G1), GRATE TYPE 24-12
		d	1											
S-D-10	14	a						239	1.78	6.8	1			DI (TYPE G1), GRATE TYPE 24-12X
		b					13.5							
		c						326	1.68	6.3	1			DI (TYPE G1), GRATE TYPE 24-12
		d	1											
	15	a	1											
		b						326	1.57	5.8	1			DI (TYPE G1), GRATE TYPE 24-12
		c					30.4							
		d						239	**3.82** ~~2.59~~	7.8	1			DI (TYPE G2), GRATE TYPE 24-12X
		e					15.1							
		f						326	**3.73** ~~2.44~~	7.2	1			DI (TYPE G2), GRATE TYPE 24-12
		g					30.4							
		h						326	**3.75** ~~2.45~~	7.3	1			DI (TYPE G2), GRATE TYPE 24-12
		i					180.1							
		j						326	**3.73** ~~2.44~~	7.2	1			DI (TYPE G2), GRATE TYPE 24-12
S-D-11	17	a											7.2	COUNTY OF SB STD 3-080
		b				73.0								
		c											7.8	COUNTY OF SB STD 3-080
		d				28.4								
		e						187	2.43	7.8	1			DI (TYPE GO), GRATE TYPE 18-9X
		f	1											
TOTAL (THIS SHEET)			5	0	0	101.4	298.1	3425	**29.16** ~~24.03~~	–	12	0	15.0	
TOTAL			7	1	1	194.9	1846.3	10749	**84.80** ~~65.44~~	–	35	5	15	

4

DRAINAGE QUANTITES
S-DQ-3

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:11 pm

REVISED BY	DATE REVISED
CL	5/15/25 ⚠4 ADDENDUM 4

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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BORDER LAST REVISED 7/2/2010
USERNAME =>agarcia
DGN FILE => SR217_R_DQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	61	159

NOTES:

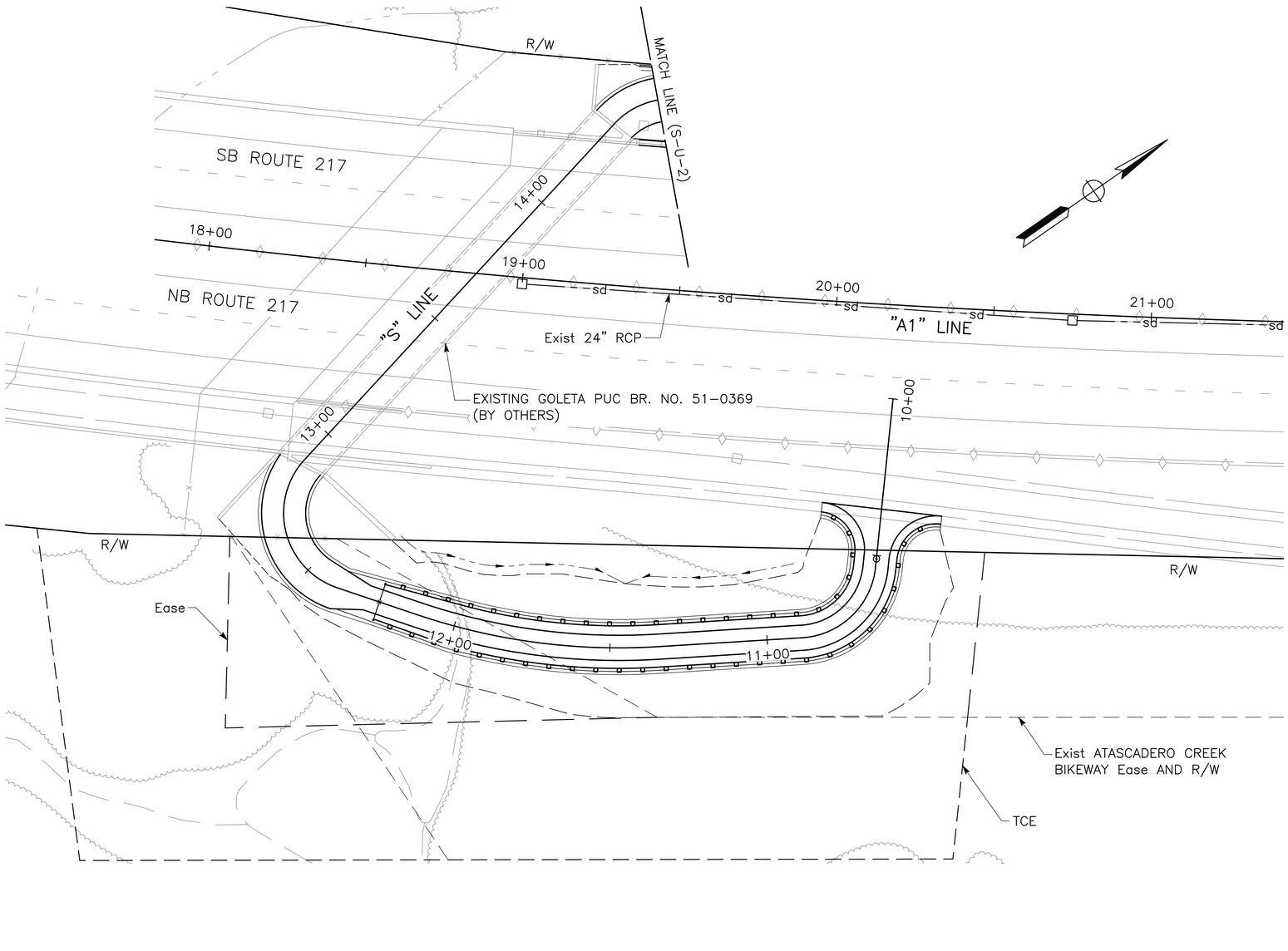
1. FOR ACCURATE RIGHT OF-WAY-DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. UTILITIES SHOWN ARE APPROXIMATE. VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

LEGEND:

UTILITY DEPTH INFORMATION OBTAINED FROM RECORD DRAWINGS PROVIDED BY CITY OF GOLETA

UTILITY CONTACT INFORMATION

COX COMMUNICATIONS	JOSE MURILLO	JOSE.MURRILO@COX.COM	(805) 896-7383
CROWN CASTLE	JASON OFFENBECHER	JASON.OFFENBECHER@CROWNCASTLE.COM	(909) 331-9041
FRONTIER	LAD KUZELA	LADISLAV.J.KUZELA@FTR.COM	(805) 964-8303
GOLETA SANITARY DISTRICT	SHAMUS O'DONNELL	SODONNELL@GOLETASANITARY.COM	(805) 967-4519
GOLETA WATER DISTRICT	PAULA BUTCHER	PBUTCHER@GOLETAWATER.COM	(805) 964-6761
LUMEN TELECOMMUNICATIONS	SCOTT MATTINGLY	SCOTT.MATTINGLY@LUMEN.COM	(213) 996-5590
SOUTHERN CALIFORNIA EDISON	KALIN FOULDS	KALIN.FOULDS@SCE.COM	(909) 637-0312
SOUTHERN CALIFORNIA GAS	ARNULFO GOMEZ	AGOMEZ16@SOCALGAS.COM	(805) 742-6962



03-14-25
REGISTERED CIVIL ENGINEER — DATE

CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 142 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-1

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:10 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	62	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

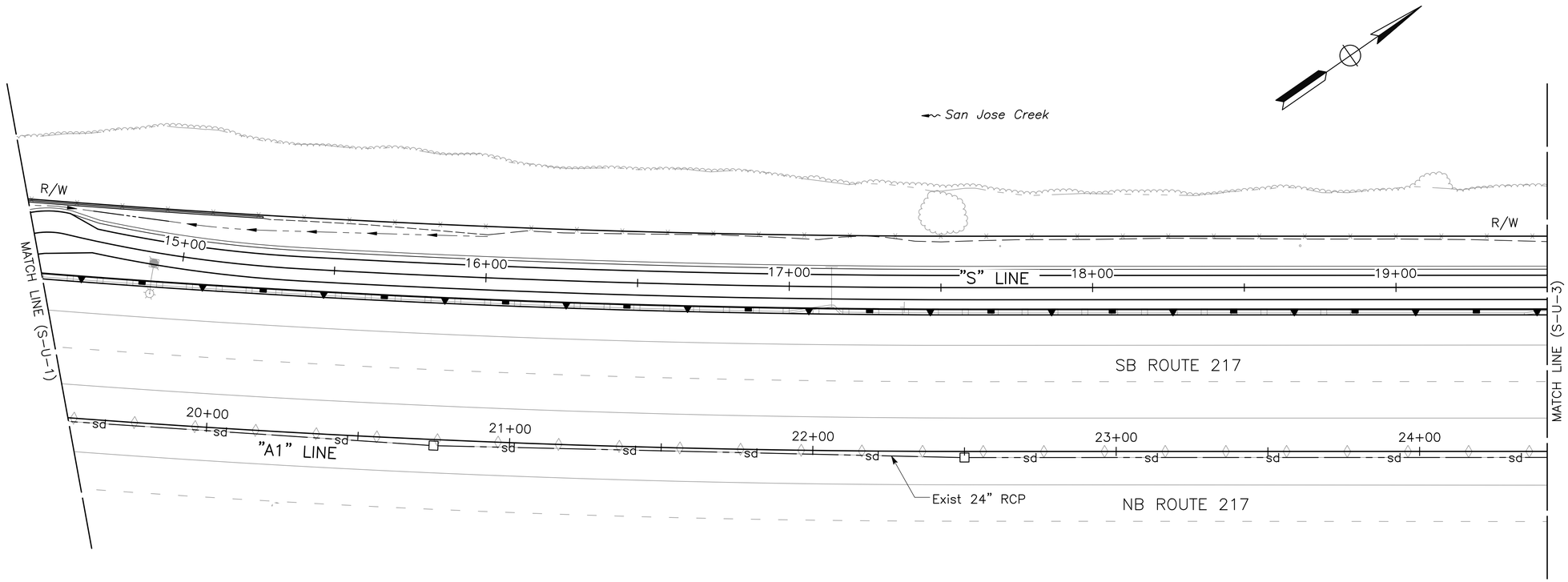
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



UTILITY PLAN

SCALE: 1" = 20'

S-U-2

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 143 OF 262

CHECKED BY	CALCULATED–DESIGNED BY	CHRISTIAN LAYTON	REVISED BY	
		JOSE SILVA	DATE REVISED	

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:10 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	63	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

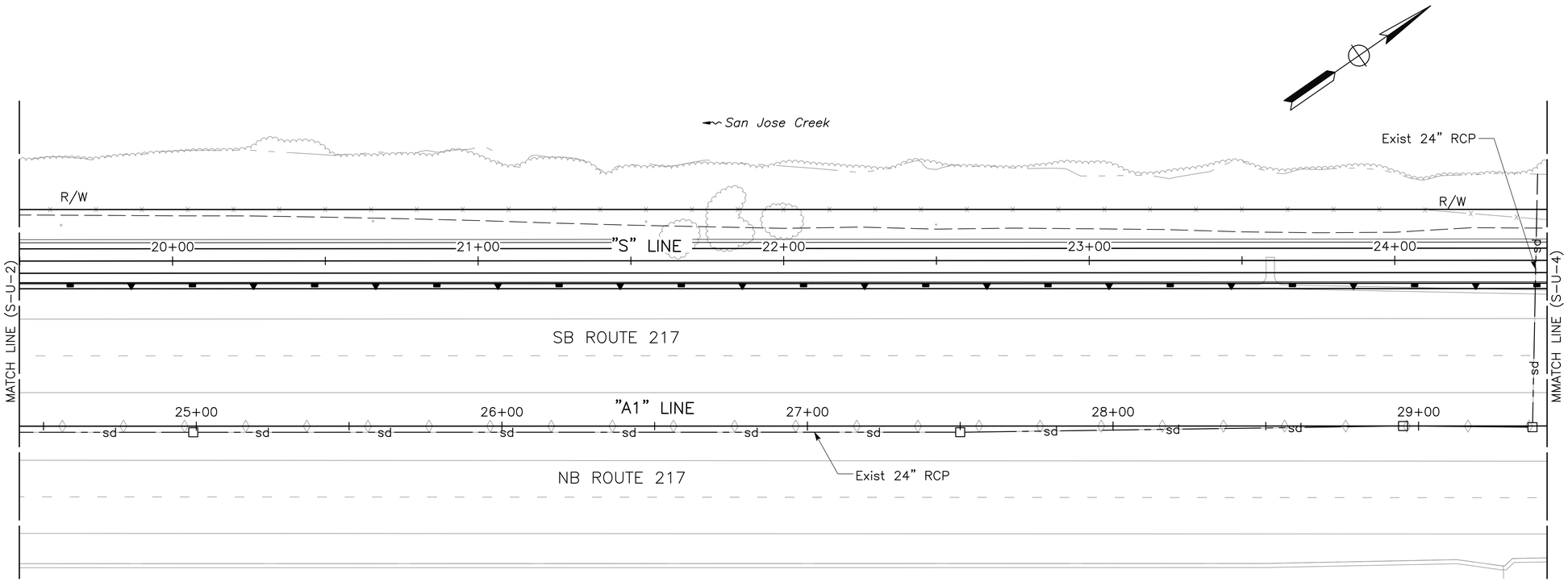
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED–DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	
JOSE SILVA	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_U.dwg, 3/13/2025 7:10 PM

UTILITY PLAN

SCALE: 1" = 20'

S-U-3

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:10 pm

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 144 OF 262

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	64	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

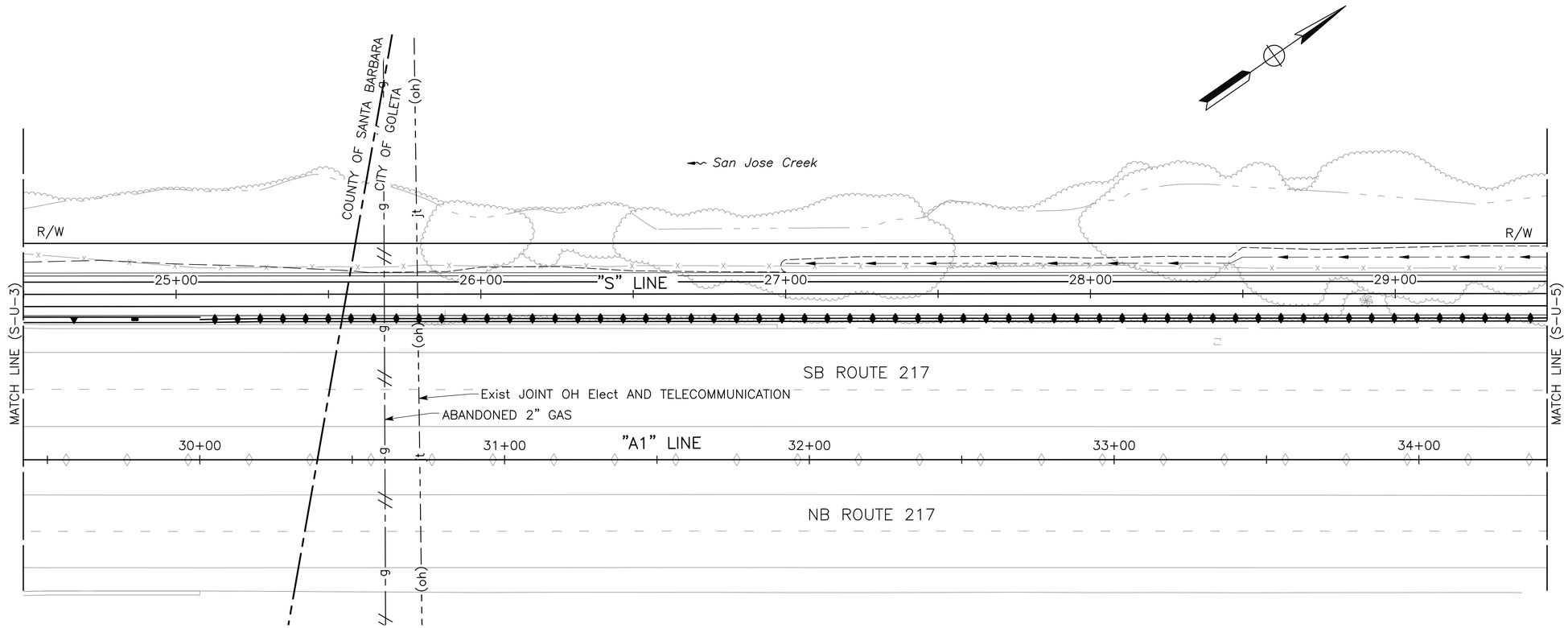
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



UTILITY PLAN

SCALE: 1" = 20'

S-U-4

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 145 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:11 pm

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BORDER LAST REVISED 7/2/2010 | USERNAME => clayton | DGN FILE => SR217_R_U.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	65	159

REGISTERED CIVIL ENGINEER — DATE: 03-14-25

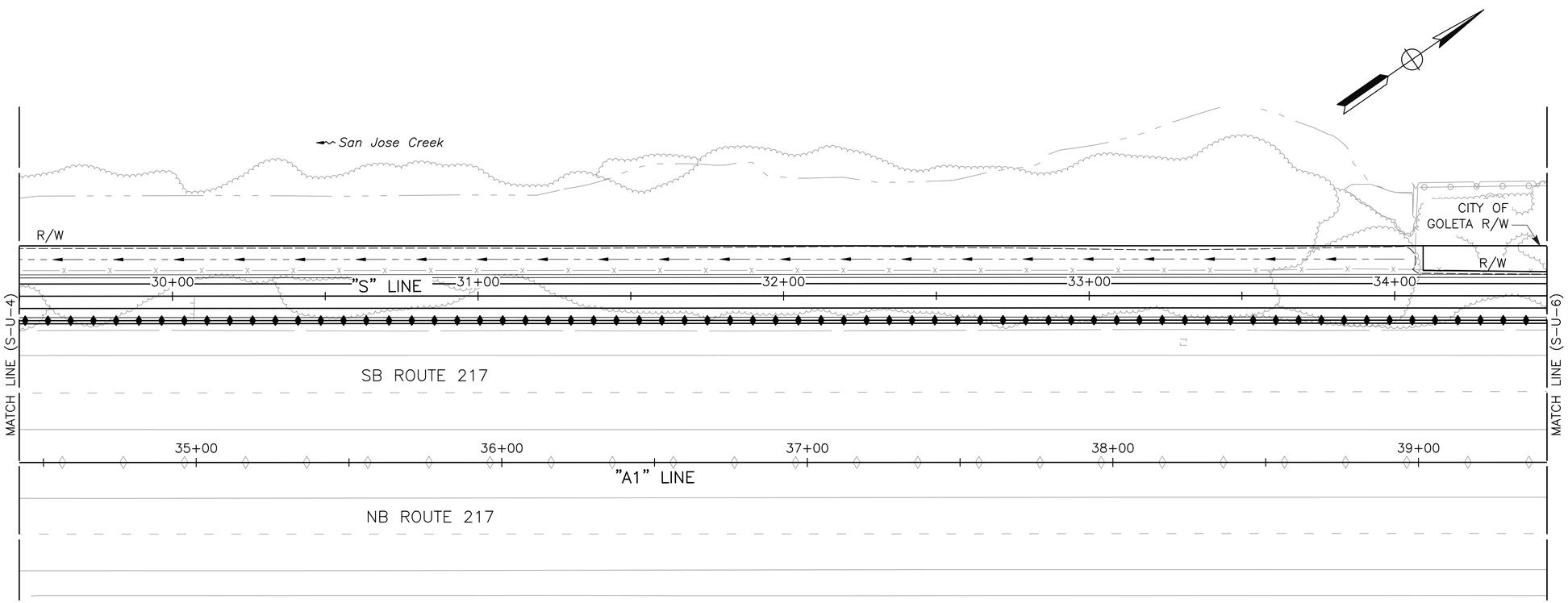
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



NO UTILITIES ON THIS SHEET. SHOWN FOR REFERENCE ONLY

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 146 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-5

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:11 pm

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BORDER LAST REVISED 7/2/2010

USERNAME =>clayton
DGN FILE => SR217_R_U.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0518000229

NOTES:

1. UTILITY ELEVATIONS BASED ON AS-BUILT INFORMATION DATED DECEMBER 2015 FROM SAN JOSE CREEK CAPACITY IMPROVEMENT & FISH PASSAGE PROJECT.

2. NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	66	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

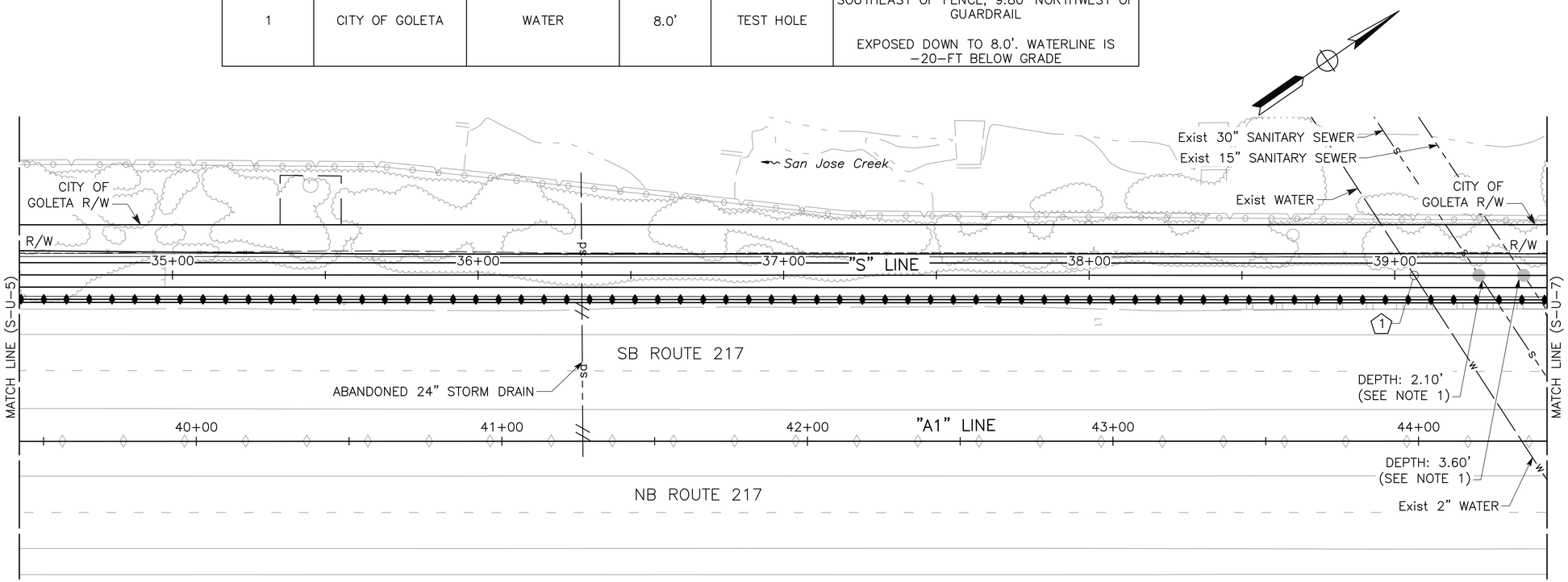
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
1	CITY OF GOLETA	WATER	8.0'	TEST HOLE	37.7' NORTHEAST OF SDMH, 8.00 SOUTHEAST OF FENCE, 9.80' NORTHWEST OF GUARDRAIL EXPOSED DOWN TO 8.0'. WATERLINE IS -20-FT BELOW GRADE



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 147 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-6

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:12 pm

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_U.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	67	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

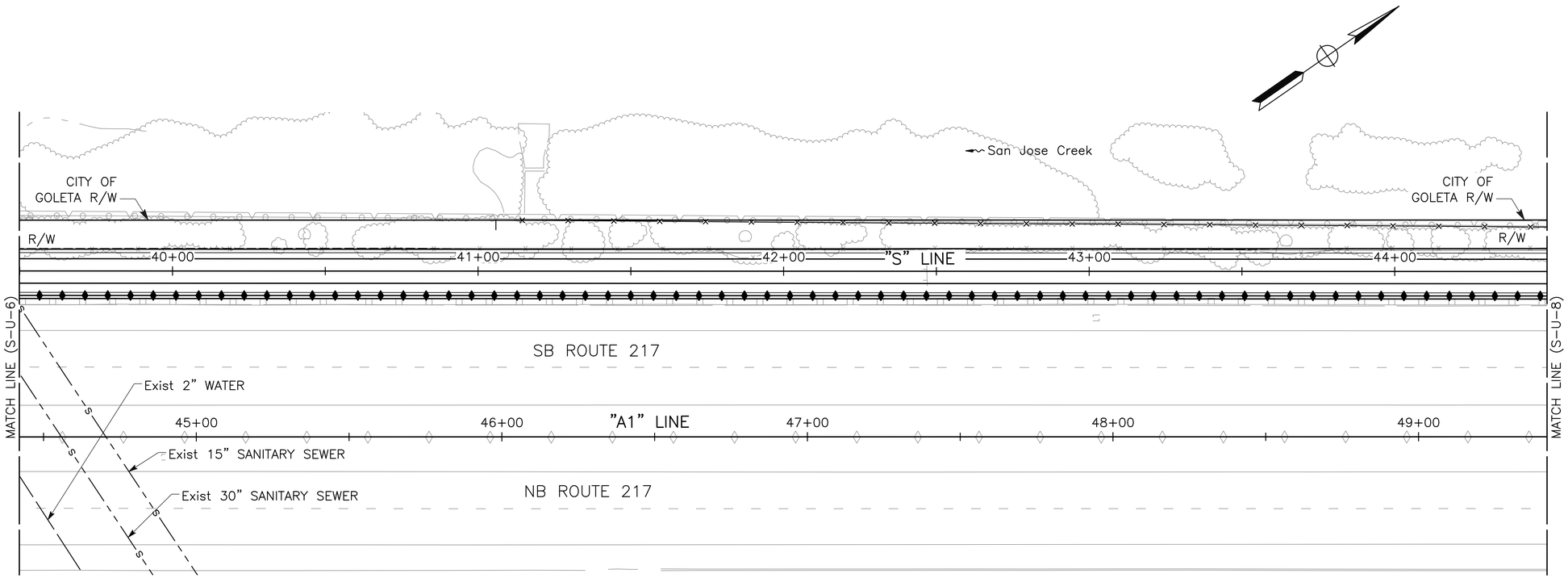
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 148 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-7

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:12 pm

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BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	68	159

REGISTERED CIVIL ENGINEER — DATE 03-14-25

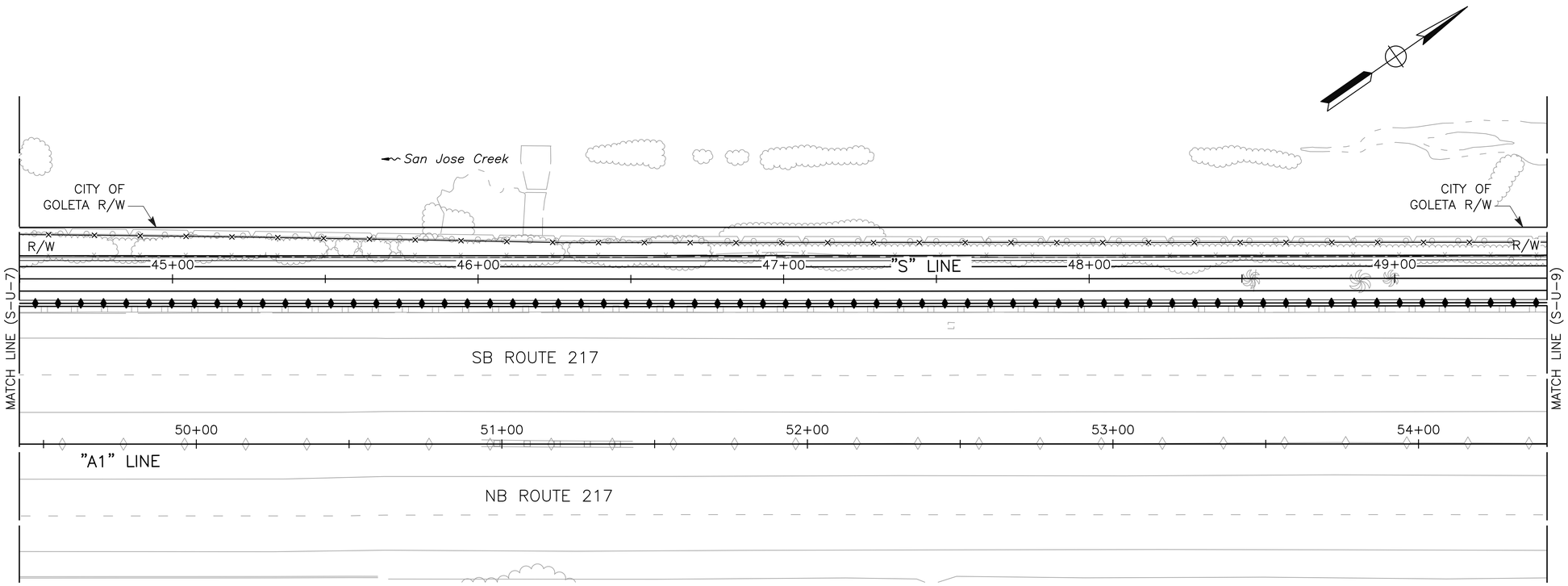
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



NO UTILITIES ON THIS SHEET. SHOWN FOR REFERENCE ONLY

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 149 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-8

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	
JOSE SILVA	

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:12 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	69	159

NOTES:

1. UTILITY ELEVATIONS BASED ON AS-BUILT INFORMATION DATED FEBRUARY 2007 FROM THE PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY IN SANTA BARBARA COUNTY IN GOLETA FROM 0.3 KM NORTH OF GOLETA SLOUGH BRIDGE TO HOLLISTER AVENUE UNDERCROSSING.
2. NO HIGH PRIORITY UTILITIES ON THIS SHEET.

Christian Layton 03-14-25
REGISTERED CIVIL ENGINEER DATE

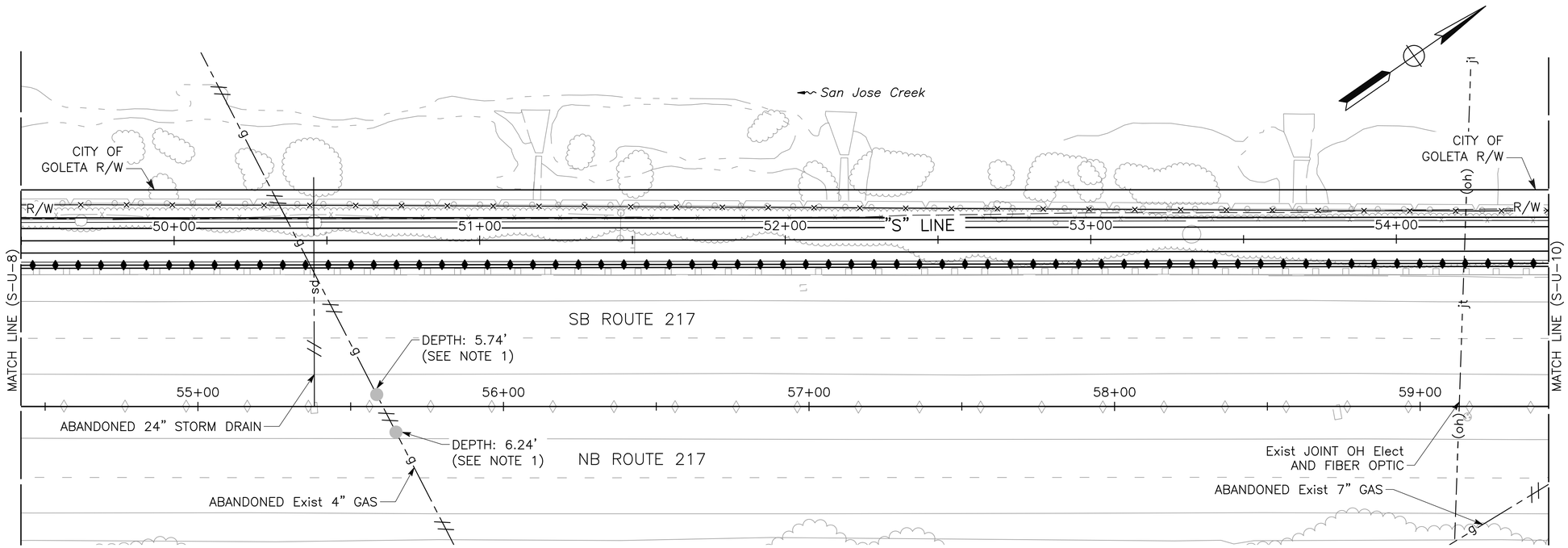
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 150 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-9

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:13 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	70	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

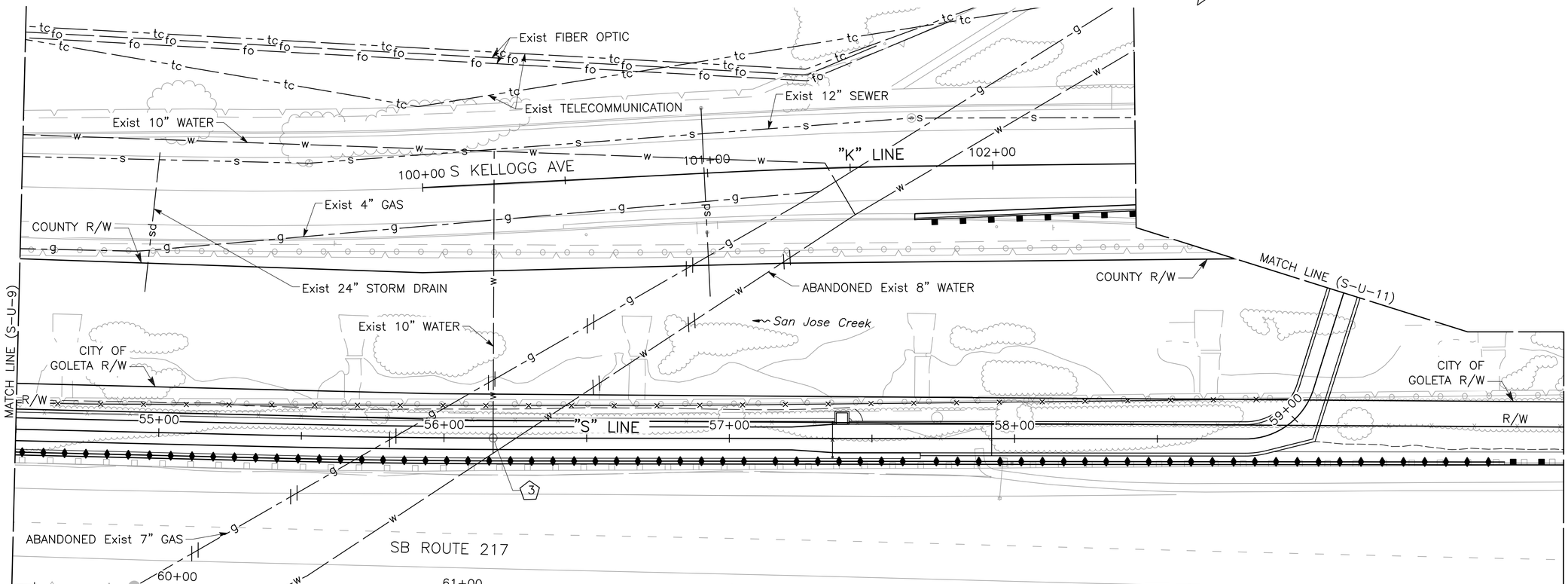
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. UTILITY ELEVATIONS BASED ON AS-BUILT INFORMATION DATED FEBRUARY 2007 FROM THE PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY IN SANTA BARBARA COUNTY IN GOLETA FROM 0.3 KM NORTH OF GOLETA SLOUGH BRIDGE TO HOLLISTER AVENUE UNDERCROSSING.
2. NO HIGH PRIORITY UTILITIES ON THIS SHEET.

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
3	CITY OF GOLETA	WATER	8.0'	TEST HOLE	10.4' SOUTHEAST OF FENCE, 6.3' NORTHWEST OF GUARDRAIL, 129.3' NORTHEAST OF SDMH EXPOSED DOWN TO 8.0'. WATER LINE IS ~20-FT BELOW GRADE



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 151 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-10

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25 | DATE PLOTTED => Mar 13, 2025 | TIME PLOTTED => 7:14 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_U.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	71	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

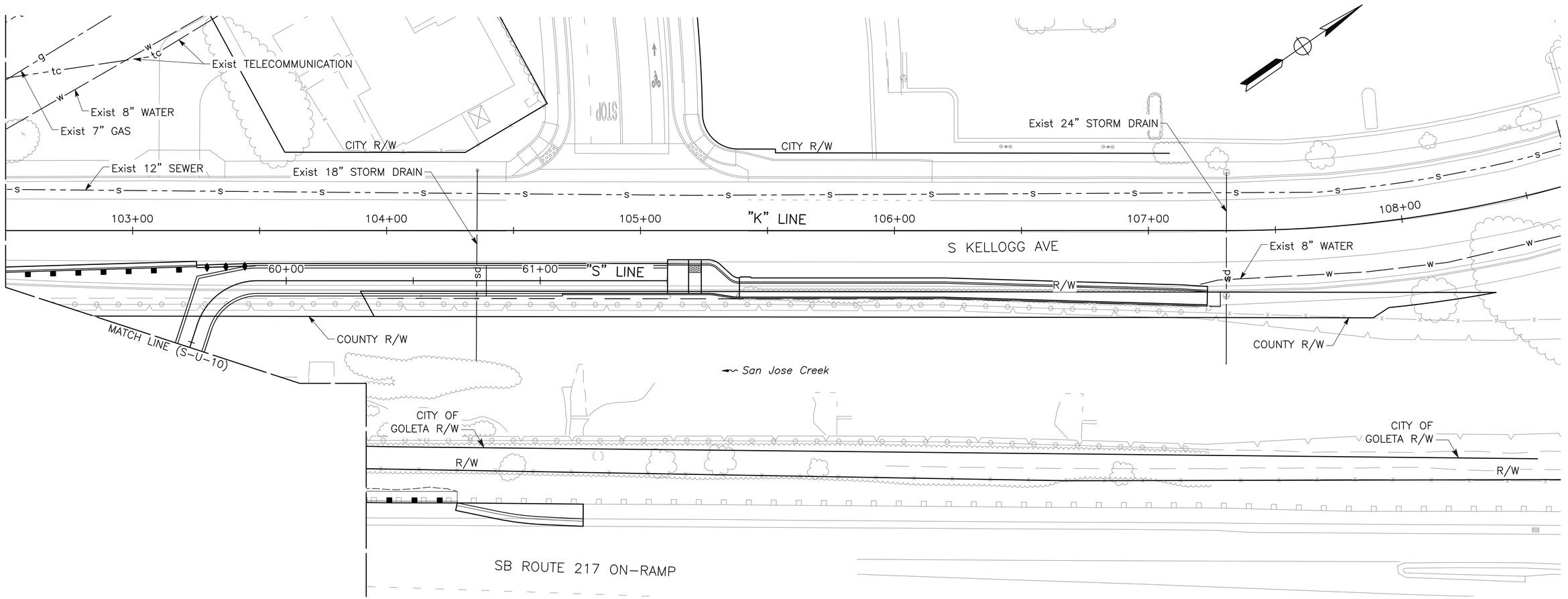
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 152 OF 262

UTILITY PLAN

SCALE: 1" = 20'

S-U-11

235

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:14 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_U.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	72	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

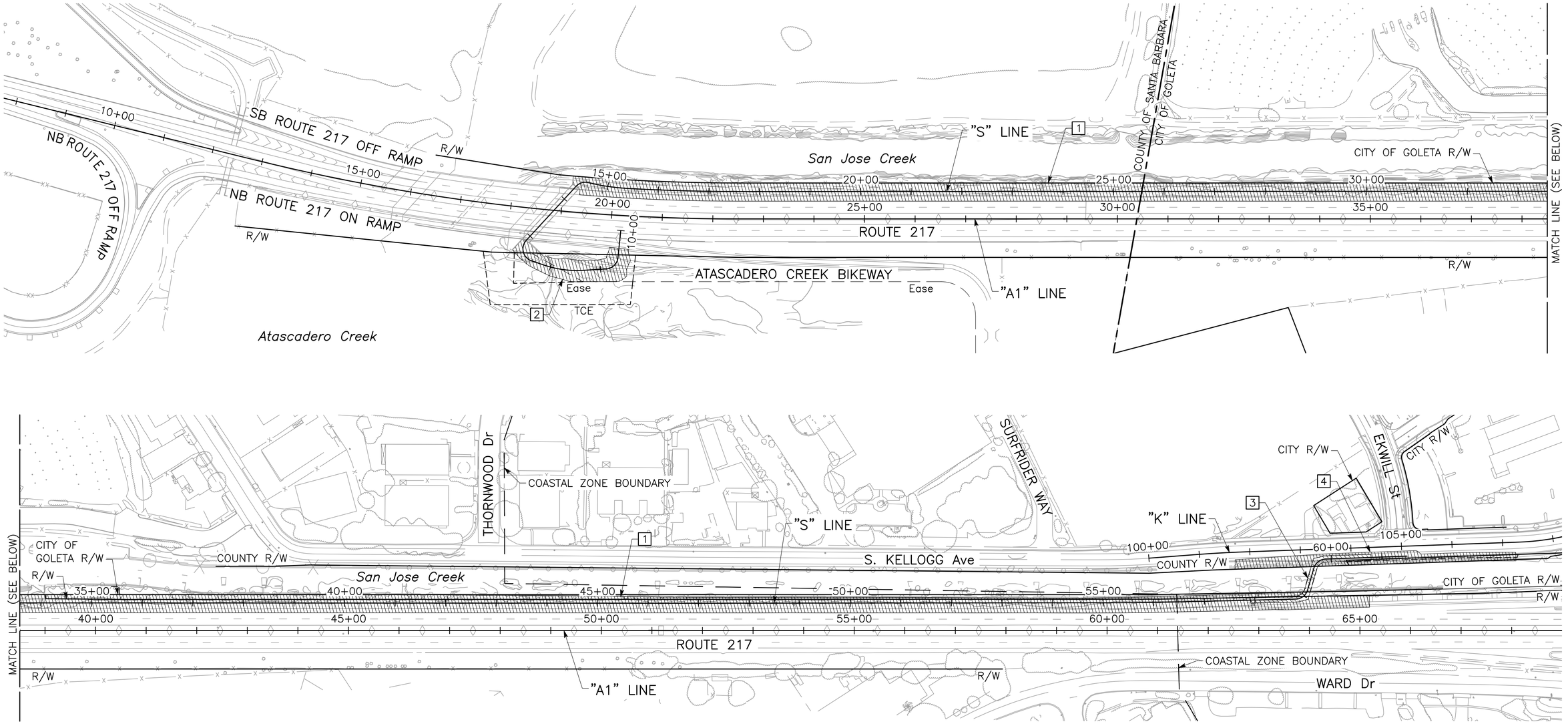
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTE:

FOR ACCURATE RIGHT OF-WAY-DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

STAGE 1 CONSTRUCTION NOTES:

1. CONSTRUCT RETAINING WALL, CONCRETE BARRIER, SR217 SHOULDER IMPROVEMENTS, DRAINAGE SYSTEMS AND MULTIPURPOSE PATH.
2. CONSTRUCT MULTIPURPOSE PATH FROM EXISTING ATASCADERO CREEK BIKEWAY.
3. CONSTRUCT PEDESTRIAN OVERCROSSING.
4. CONSTRUCT SOUTH KELLOGG AVENUE IMPROVEMENTS.



STAGE CONSTRUCTION PLAN
(STAGE 1)
SCALE: 1"=100'

S-SC-1

APPROVED FOR STAGE CONSTRUCTION WORK ONLY

SHEET 153 OF 262

REVISED BY	CHRISTIAN LAYTON	CALCULATED-DESIGNED BY	CONSULTANT FUNCTIONAL SUPERVISOR	LAST REVISION	03-14-25
DATE REVISED	JOSE SILVA	CHECKED BY	JOSE SILVA	DATE PLOTTED =>	Mar 13, 2025
			CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	TIME PLOTTED =>	7:17 pm

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	73	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

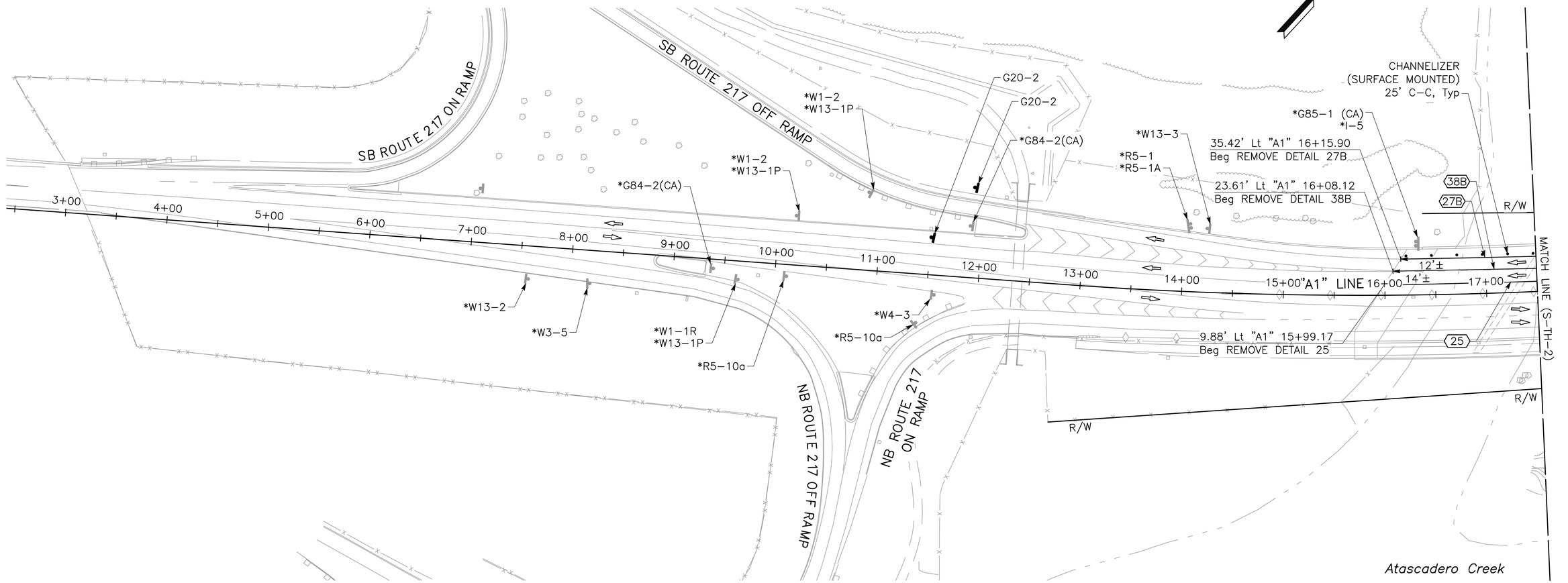
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE CA MUTCD.
3. REFER TO SPECIAL PROVISIONS FOR WORK DAY SCHEDULES AND LIMITATIONS OF WORK PERIODS.
4. REMOVE ALL CONFLICTING STRIPING AND CONSTRUCTION AREA SIGNS WHEN NO LONGER USED.
5. COVER EXISTING SIGN. UNCOVER WHEN NO LONGER IN CONFLICT.
6. TEMPORARY BARRIER SYSTEM LESS THAN 3' FROM CONSTRUCTION AREA SHALL BE PINNED UNLESS OTHERWISE NOTED.
7. FOR ALIGNMENT INFORMATION, SEE PLAN AND PROFILE SHEETS.

LEGEND:

- ⟨No.⟩ STRIPING DETAIL NUMBER
- SIGN – ONE POST, TWO POST
- EXISTING SIGN – ONE POST, TWO POST
- BEGIN/END OF END OF TRAFFIC STRIPE DETAIL
- CHANGE OF TRAFFIC STRIPE DETAIL
- DIRECTION OF TRAFFIC FLOW
- CHANNELIZER (SURFACE MOUNTED)
- I PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- *xx–xx EXISTING SIGN TO REMAIN
- CONSTRUCTION AREA
- PEDESTRIAN OVERCROSSING

ABBREVIATIONS:

AP ANGLE POINT



TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

S-TH-1

APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 154 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY	CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

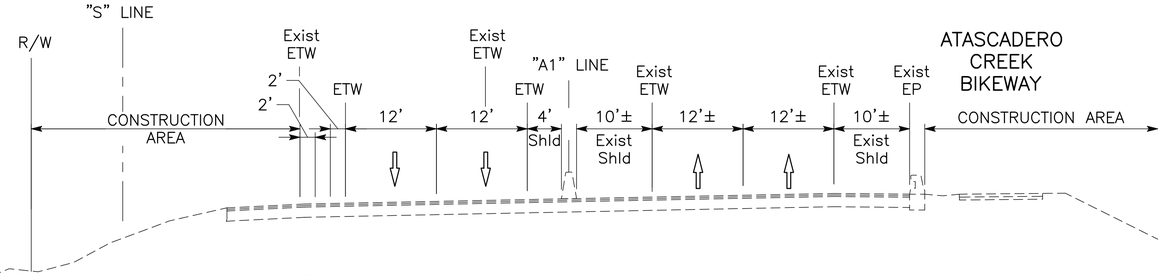
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DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:20 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_TH1-NEW.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.



SOUTHBOUND

SECTION A–A

NORTHBOUND

ROUTE 217

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	74	159

CHRISTIAN LAYTON 03-14-25
REGISTERED CIVIL ENGINEER DATE

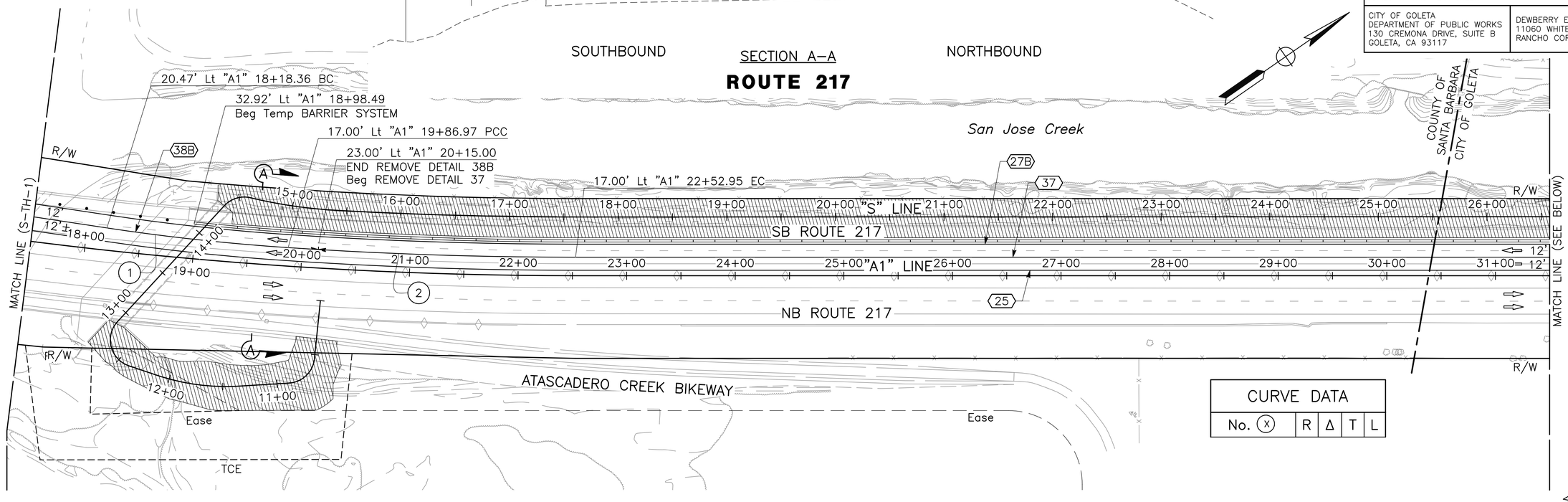
March 14, 2025
PLANS APPROVAL DATE

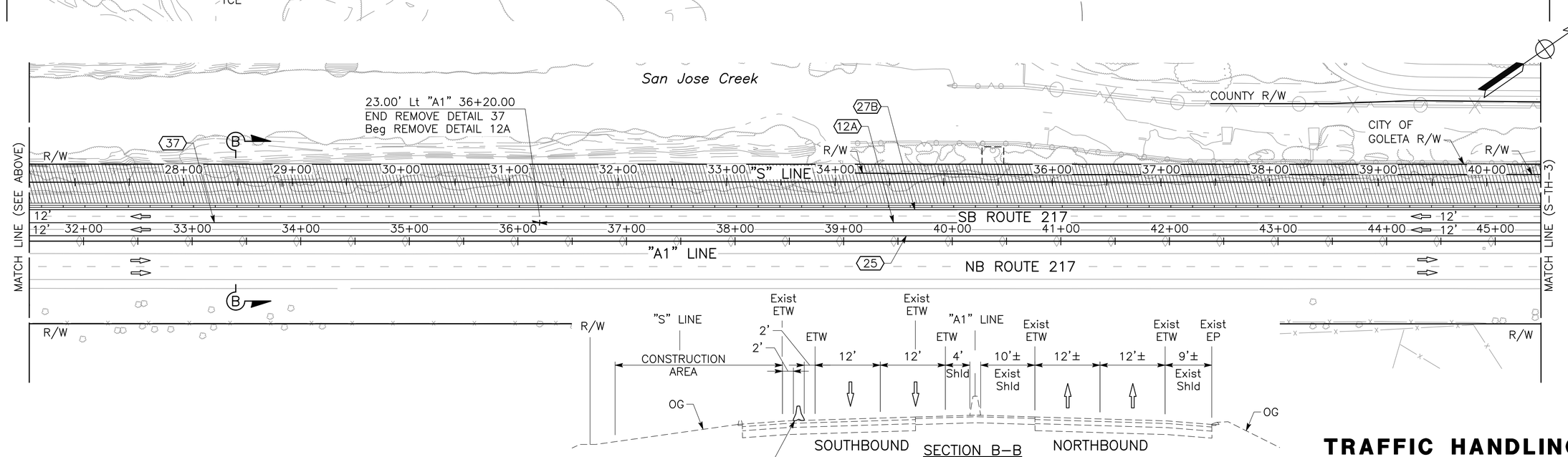
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





SECTION B–B

ROUTE 217

CURVE DATA				
No. (X)	R	Δ	T	L

TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

S-TH-2

SHEET 155 OF 262

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_TH1-NEW.dwg, 3/13/2025 7:20 PM

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TIME PLOTTED => 7:20 pm

LAST REVISION 03-14-25

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_TH1-NEW.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	75	159

Christian Layton 03-14-25
REGISTERED CIVIL ENGINEER DATE

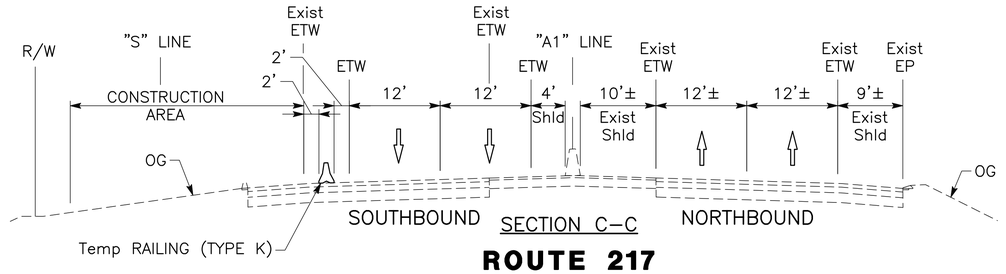
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

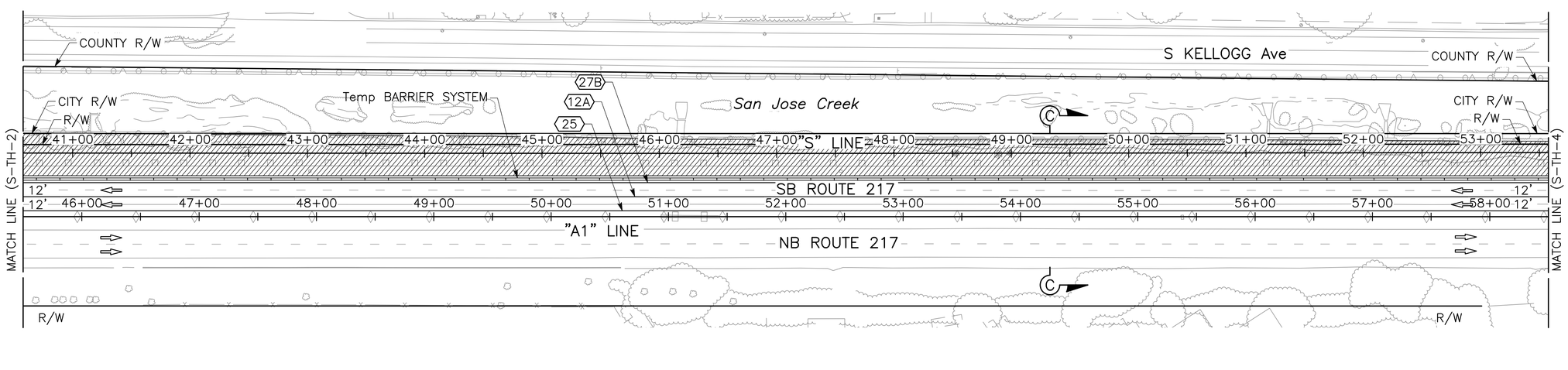
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130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



ROUTE 217



TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

S-TH-3

APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 156 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25
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TIME PLOTTED => 7:21 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_TH1-NEW.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES (THIS SHEET ONLY):

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. PLACE PERMANENT STRIPING ALONG S. KELLOGG Ave AT THE COMPLETION OF THIS STAGE. SEE PAVEMENT DELINEATION PLANS FOR STRIPING LAYOUT.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	76	159

REGISTERED CIVIL ENGINEER — 03–14–25 DATE

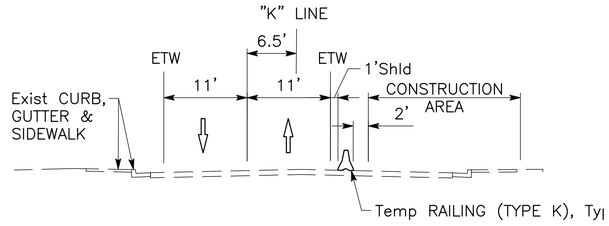
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09–30–25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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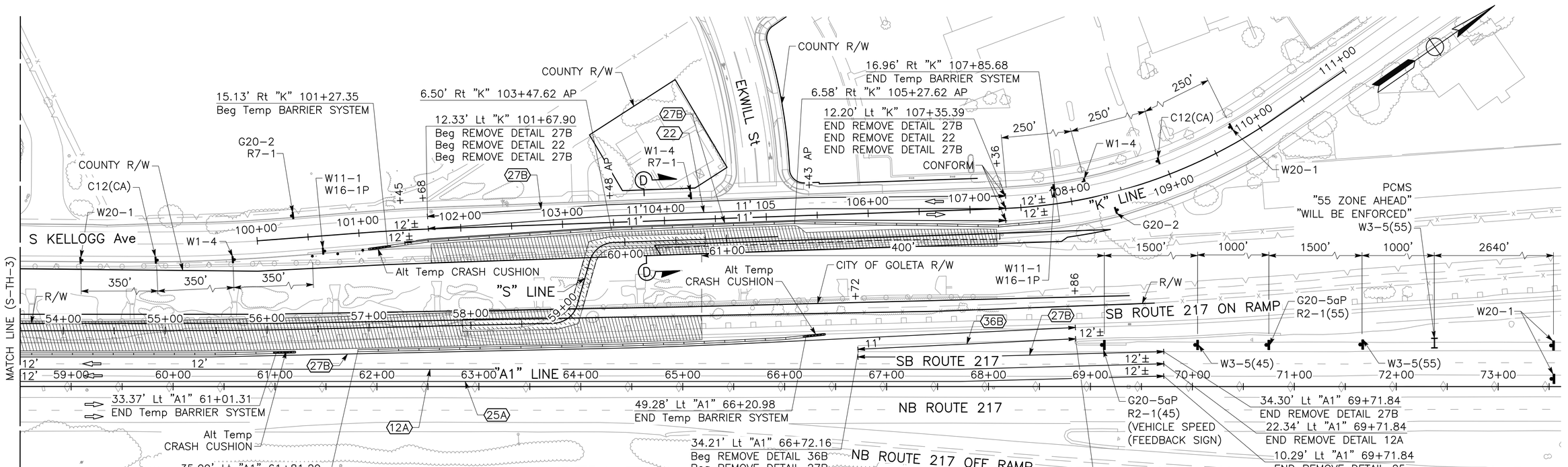
CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SECTION D–D

S KELLOGG Ave



TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

S-TH-4

APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 157 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED–DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03–14–25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:21 pm

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BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SR217_R_TH1–NEW.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	77	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONSTRUCTION AREA SIGNS

STAGE	SHEET No.	CODE	SIGN PANEL SIZE	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"–UNFRAMED)	ROADSIDE SIGN (ONE POST)
			INCHES	SQFT	EA
	S–TH–1	G20–2	36x18	9.0	2
	S–TH–4	W20–1	48x48	36.0	4
		C12(CA)	48x48	32.0	2
		G20–1	36x18	4.5	1
		W1–4	30x30	18.8	3
		W11–1	24x24	8.0	2
		W16–1P	18x24	6.0	2
		G20–5aP	36x24	12.0	2
		R2–1(45)	30x30	6.3	1
		R7–1	12x18	3.0	2
		(VEHICLE SPEED FEEDBACK SIGN)	30x30	6.3	1
		G20–2	36x18	4.5	1
		W3–5(45)	48x48	16.0	1
		W3–5(55)	48x48	32.0	2
		R2–1(55)	30x30	6.3	1
			TOTAL	201	27

TRAFFIC HANDLING QUANTITIES

SHEET No.	TEMPORARY BARRIER SYSTEM	TEMPORARY CRASH CUSHION	CHANNELIZER (SURFACE MOUNTED)	PORTABLE CHANGEABLE MESSAGE SIGN
	LF	EA	EA	EA
S–TH–1			6	
S–TH–2	~~2649~~ **2,660**		6	
S–TH–3	1300			
S–TH–4	~~792~~ **1340**	3	3	1
TOTAL	~~4741~~ **5300**	3	15	1

4

TRAFFIC HANDLING QUANTITIES

S-THQ-1

LAST REVISION 03-14-25
DATE PLOTTED => May 13, 2025
TIME PLOTTED => 12:12 pm

DATE	REVISED BY	
5/15/25	CL	4 ADDENDUM 4

CALCULATED–DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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BORDER LAST REVISED 7/2/2010 | USERNAME =>agarcia | DGN FILE => SR217_R_THQ.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	78	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

TEMPORARY PAVEMENT DELINEATION QUANTITIES

SHEET No.	ALIGNMENT	STATION FROM	STATION TO	DIRECTION	DETAIL No.	TEMPORARY TRAFFIC STRIPE (PAINT) LF	REMOVE PAINTED TRAFFIC STRIPE LF	TEMPORARY PAVEMENT MARKER EA	REMOVE PAVEMENT MARKER EA	PAVEMENT MARKING DESCRIPTION	NUMBER OF MARKINGS	TEMPORARY PAVEMENT MARKING (PAINT) SQFT
STAGE 1												
S-TH-1 - S-TH-4	"A1"	16+16	68+86	SB	27B	5265	5265					
S-TH-4	"A1"	66+72	69+72	SB	27B	300	300					
S-TH-1 - S-TH-4	"A1"	16+00	69+72	SB	25	5372	5372	113	113			
S-TH-2 - S-TH-4	"A1"	36+20	69+72	SB	12A	3352	3352	71	71			
S-TH-1 - S-TH-2	"A1"	16+08	20+15	SB	38B	405	405	35	35			
S-TH-2	"A1"	20+15	36+20	SB	37	1604	1604	109	109			
S-TH-4	"A1"	66+72	68+85	SB	36B	214	214	10	10			
S-TH-4	"K"	101+68	107+36	NB/SB	22	568	568	50	50			
S-TH-4	"K"	101+68	107+36	NB	27B	592	592					
S-TH-4	"K"	101+68	107+36	SB	27B	568	568					
					TOTAL	18240	18240	388	388			

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
REVISED BY — DATE REVISED
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:22 pm

LAST REVISION 03-14-25

TRAFFIC HANDLING QUANTITIES

SHEET 159 OF 262

S-THQ-2

242

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_THQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	79	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REMOVE THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKERS

SHEET No.	STATION LIMITS	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE THERMOPLASTIC TRAFFIC STRIPE				REMOVE PAVEMENT MARKER
				6" YELLOW (HAZARDOUS WASTE)	6" WHITE	8" WHITE	12" WHITE	
				LF				EA
STAGE 1								
S-TH-1 – S-TH-2	"A1" 16+08 TO 20+15	LEFT	38B			405		35
S-TH-1 – S-TH-4	"A1" 16+16 TO 63+49	LEFT	27B		4728			
	"A1" 16+00 TO 69+72	CENTER	25	5372				113
S-TH-2	"A1" 20+15 TO 36+20	LEFT	37			1604		109
S-TH-2 – S-TH-4	"A1" 36+20 TO 69+72	LEFT	12A		3352			71
S-TH-4	"A1" 66+72 TO 69+72	LEFT	27B		300			
	"A1" 66+72 TO 68+85	LEFT	36B				214	10
S-TH-4	"K" 101+63 TO 107+50	LEFT	27B		489			
S-TH-4	"K" 101+63 TO 107+50	CENTER	22	491				
S-TH-4	"K" 101+63 TO 107+50	RIGHT	27B		578			
SUBTOTAL					9447	2009	214	
TOTAL				5863	11670			338

TRAFFIC HANDLING QUANTITIES

SHEET 160 OF 262

S-THQ-3

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:22 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_THQ.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR ALL PAVEMENT STRIPING AND PAVEMENT MARKING DETAILS, REFER TO CALTRANS STANDARD PLANS DATED 2023.
3. FOR ALL SIGN DETAILS REFER TO 2014 CALIFORNIA MUTCD.
4. ALL PAVEMENT STRIPING AND PAVEMENT MARKINGS TO BE THERMOPLASTIC, UNLESS NOTED OTHERWISE.
5. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.
6. REMOVE ALL CONFLICTING STRIPING.

LEGEND:

- ⟨XX⟩ STRIPING DETAIL NUMBER
- BEGIN OR END OF TRAFFIC STRIPE DETAIL
- BIKE LANE SYMBOL WITH PERSON
- [1] HIGH VISIBILITY CROSSWALK

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	80	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

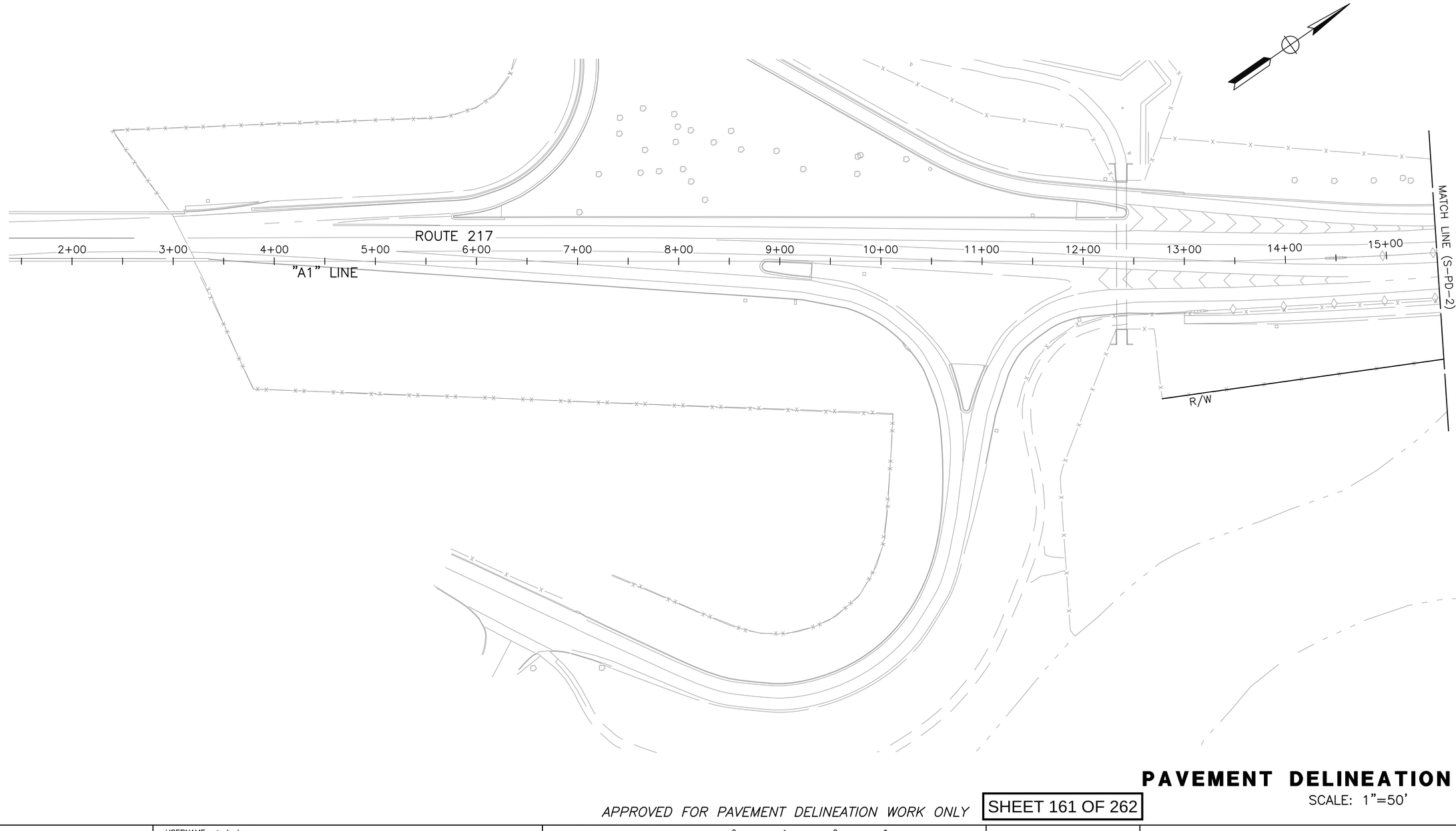
REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 161 OF 262

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-1

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

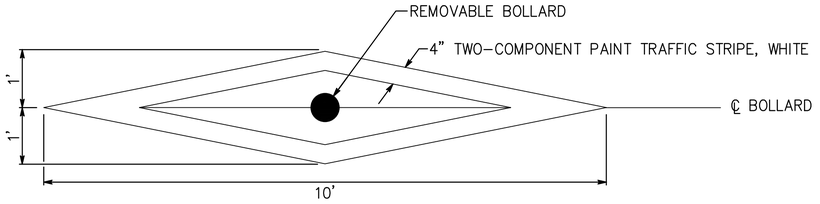
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LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:24 pm

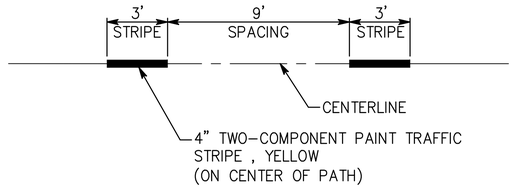
BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SE-R-PD.dwg
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UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

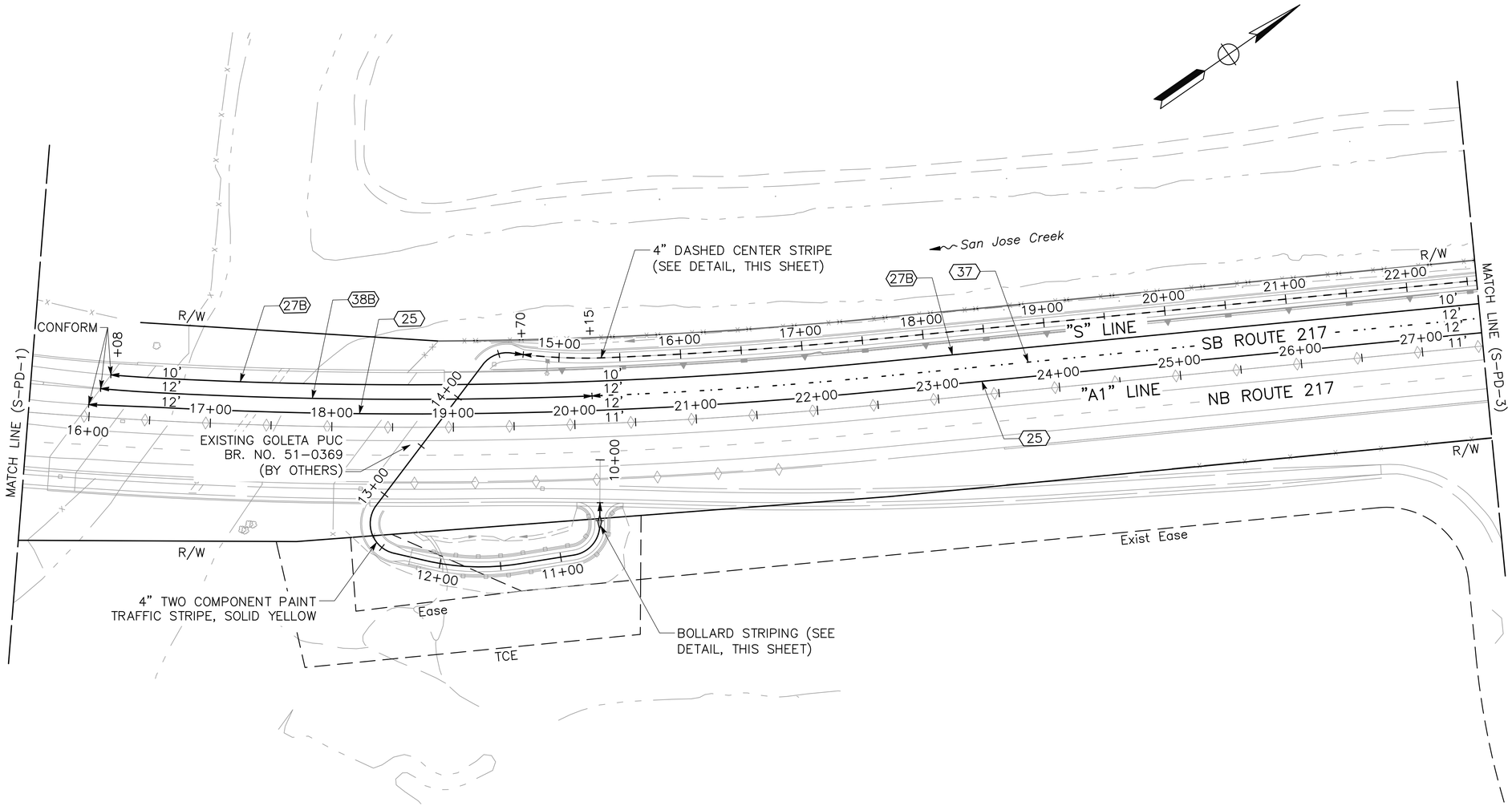
FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.



BOLLARD STRIPING DETAIL
NO SCALE



PATH CENTER STRIPE DETAIL
NO SCALE



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-2

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 162 OF 262

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	81	159

03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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03-14-25
REGISTERED CIVIL ENGINEER — DATE

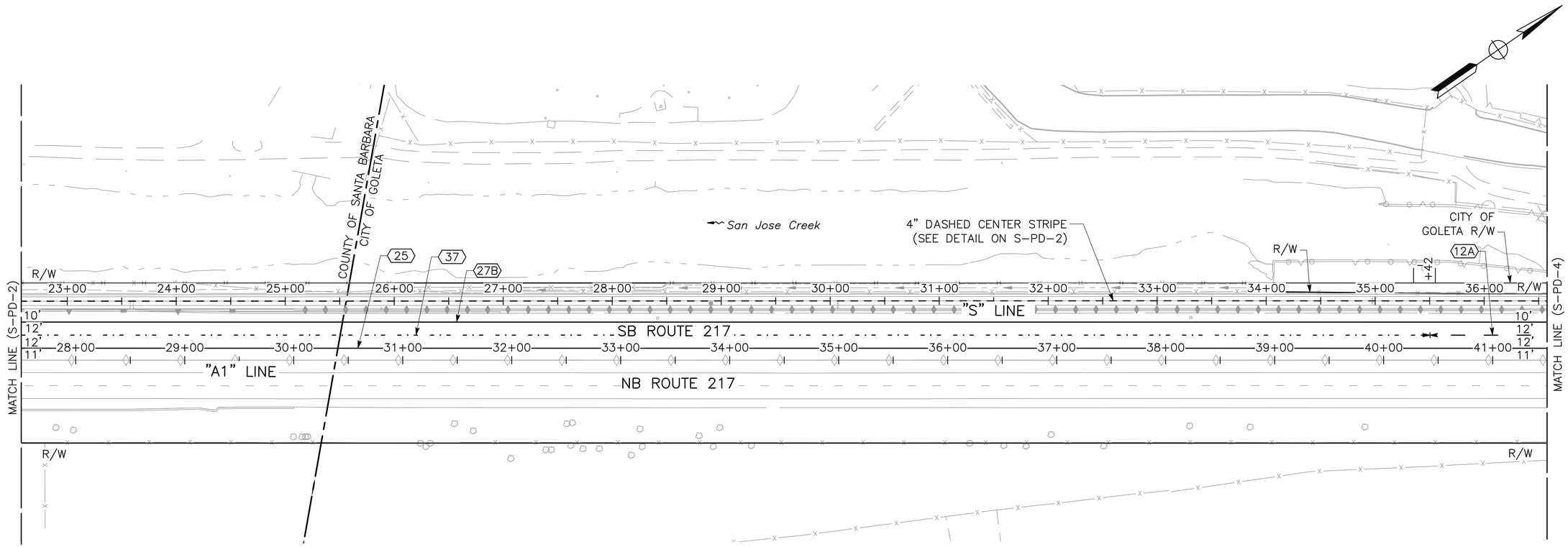
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RANCHO CORDOVA, CA 95670



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-3

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 163 OF 262

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-PD.dwg, 3/13/2025 7:25 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:25 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SE-R-PD.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	83	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

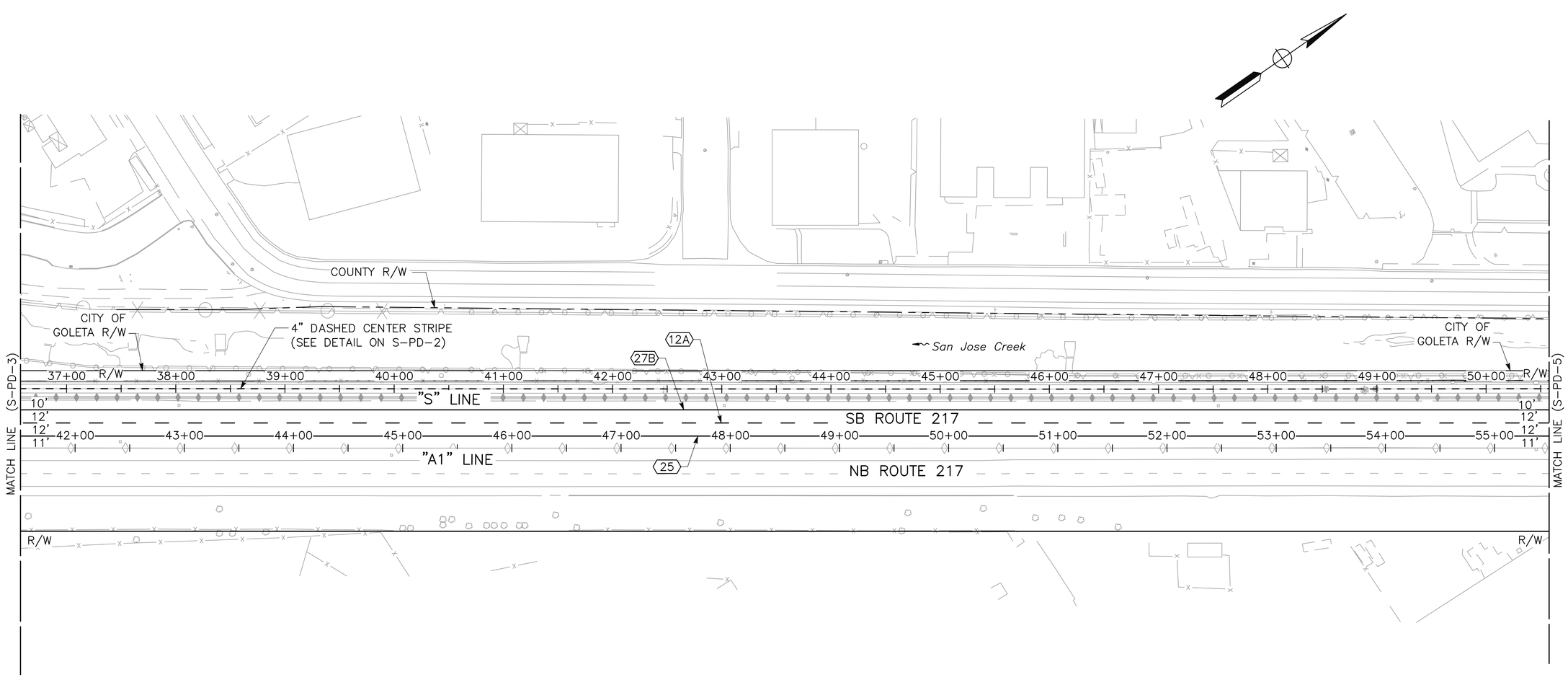
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-4

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 164 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	84	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

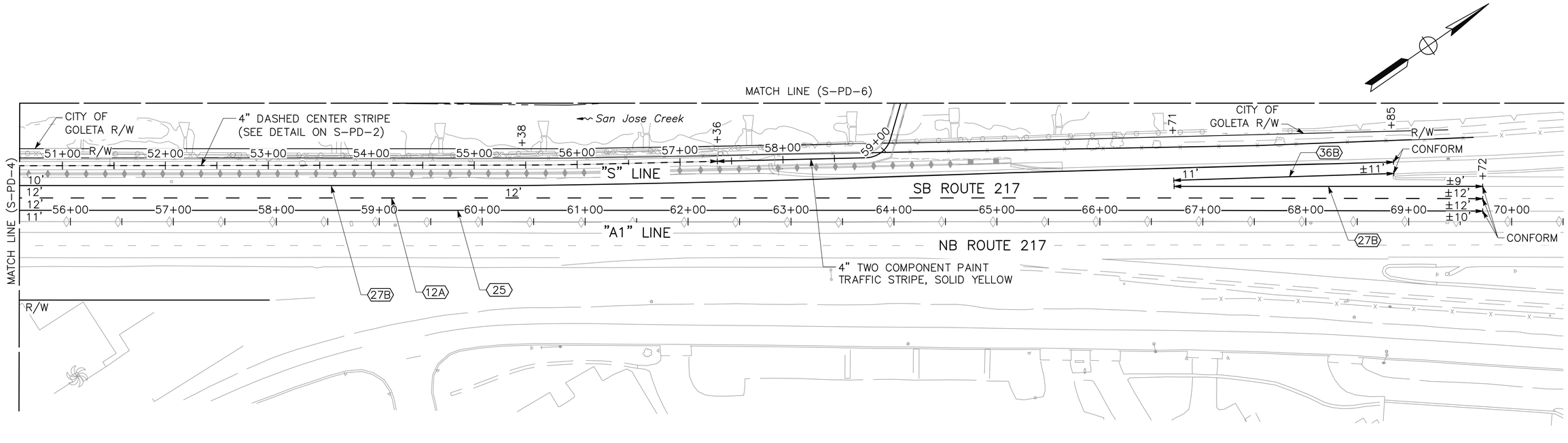
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 165 OF 262

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-5

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 13, 2025
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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	85	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

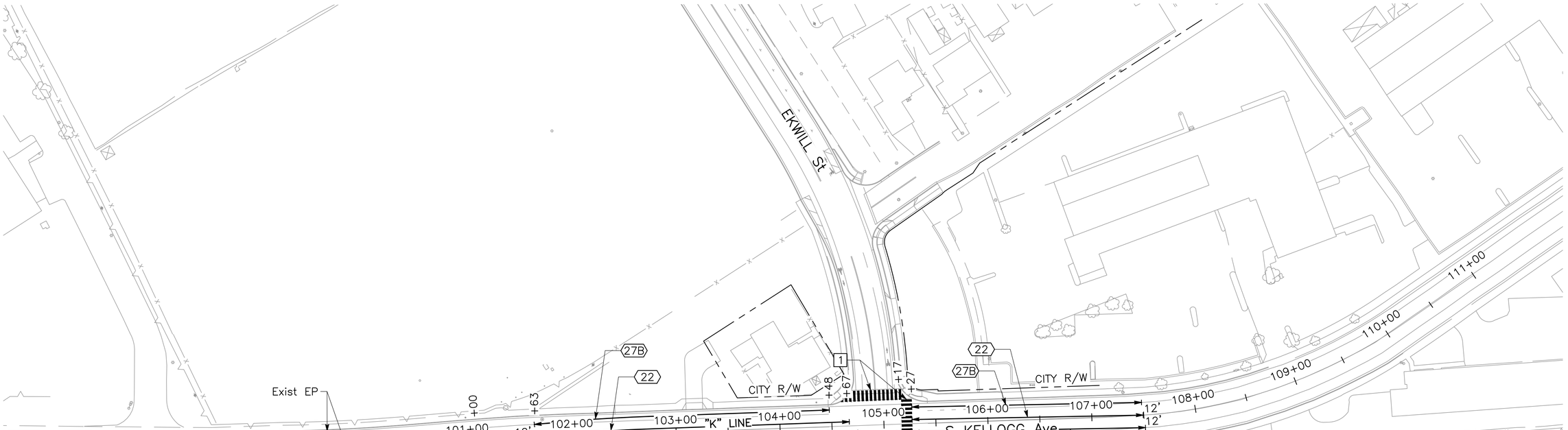
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 166 OF 262

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-6

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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TIME PLOTTED => 7:25 pm

BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SE-R-PD.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	86	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PAVEMENT DELINEATION QUANTITIES

SHEET No.	ALIGNMENT	STATION FROM	STATION TO	DIRECTION	DETAIL No.	PAVEMENT MARKER (RETROREFLECTIVE) TYPE C	PAVEMENT MARKER (RETROREFLECTIVE) TYPE RY	PAVEMENT MARKER (RETROREFLECTIVE) TYPE D	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 6" SOLID (Y/W)	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 12" SOLID (W)	TRAFFIC STRIPE TAPE (WARRANTY) 6" SOLID (Y/W)	TRAFFIC STRIPE TAPE (WARRANTY) 8" BROKEN (12-3)	TRAFFIC STRIPE TAPE (WARRANTY) 6" BROKEN (36-12)	TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY) 6" SOLID (Y/W)	TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY) 8" SOLID (W)	TWO-COMPONENT PAINT TRAFFIC STRIPE	PAVEMENT MARKING DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	REMOVE THERMOPLASTIC PAVEMENT MARKING
						EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF		SQFT	SQFT
S-PD-2	"S"	10+35	10+45	SB/NB	–											10			
S-PD-2	"S"	10+57	14+70	SB/NB												414			
S-PD-2 – S-PD-5	"S"	14+70	57+36	SB/NB												4266			
S-PD-5 – S-PD-6	"S"	57+36	61+38	SB/NB												402			
S-PD-2	"S"	10+51	–	–	–											25	BOLLARD		
S-PD-6	"S"	61+38	–	–	–											25	BOLLARD		
S-PD-1 – S-PD-5	"A1"	16+08	62+59	–	–														
S-PD-1 – S-PD-3	"A1"	16+08	30+85	–	–														
S-PD-2	"A1"	16+16	18+93	SB	27B									275					
S-PD-2 – S-PD-5	"A1"	18+93	68+85	SB	27B				4989										
S-PD-5	"A1"	66+72	69+72	SB	27B				300										
S-PD-1 – S-PD-5	"A1"	12+58	63+49	–	–														
S-PD-1 – S-PD-3	"A1"	13+68	30+85	–	–														
S-PD-2	"A1"	15+99	18+75	SB	25		7				275								
S-PD-2 – S-PD-5	"A1"	18+75	69+72	SB	25		108		5096										
S-PD-1 – S-PD-3	"A1"	14+72	30+85	–	–														
S-PD-3 – S-PD-5	"A1"	40+42	69+72	SB	12A	63							2930						
S-PD-1 – S-PD-5	"A1"	16+08	62+59	–	–														
S-PD-2	"A1"	16+08	20+15	SB	38B	35									405				
S-PD-2 – S-PD-3	"A1"	20+15	40+42	SB	37	138						2026							
S-PD-5	"A1"	66+72	68+85	SB	36B	10				214									
SUBTOTAL						361			10385	214	275	2026	2930	275	405	5142		–	–

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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TIME PLOTTED => 7:26 pm

PAVEMENT DELINEATION QUANTITIES
S-PDQ-1

SHEET 167 OF 262

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_PDQ.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	87	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PAVEMENT DELINEATION QUANTITIES

SHEET No.	ALIGNMENT	STATION FROM	STATION TO	DIRECTION	DETAIL No.	PAVEMENT MARKER (RETROREFLECTIVE) TYPE C	PAVEMENT MARKER (RETROREFLECTIVE) TYPE RY	PAVEMENT MARKER (RETROREFLECTIVE) TYPE D	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 6" SOLID (Y/W)	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) 12" SOLID (W)	TRAFFIC STRIPE TAPE (WARRANTY) 6" SOLID (Y/W)	TRAFFIC STRIPE TAPE (WARRANTY) 8" BROKEN (12-3)	TRAFFIC STRIPE TAPE (WARRANTY) 6" BROKEN (36-12)	TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY) 6" SOLID (Y/W)	TRAFFIC STRIPE TAPE WITH CONTRAST (WARRANTY) 8" SOLID (W)	TWO-COMPONENT PAINT TRAFFIC STRIPE	PAVEMENT MARKING DESCRIPTION	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	REMOVE THERMOPLASTIC PAVEMENT MARKING
						EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF		SQFT	SQFT
S-PD-6	"K"	101+63	–	–	–												BIKE LANE SYMBOL WITH PERSON	14	
S-PD-6	"K"	101+63	107+50	–	–														
S-PD-6	"K"	101+63	104+47	–	–														
S-PD-6	"K"	101+63	104+48	SB	27B				284										
S-PD-6	"K"	101+63	–	–	–												BIKE LANE ARROW	7	
S-PD-6	"K"	101+63	104+67	SB/NB	22			53	606										
S-PD-6	"K"	101+63	105+17	NB	27B				354										
S-PD-6	"K"	101+64	104+47	–	–														
S-PD-6	"K"	104+60	105+28	–	–														68
S-PD-6	"K"	104+70	105+17	–	–														48
S-PD-6	"K"	104+59	105+17	–	–												HIGH VISIBILITY CROSSWALK	268	
S-PD-6	"K"	105+17	105+27	–	–												HIGH VISIBILITY CROSSWALK	180	
S-PD-6	"K"	105+27	107+50	SB/NB	22			39	444										
S-PD-6	"K"	105+27	107+50	SB	27B				221										
S-PD-6	"K"	105+27	107+50	NB	27B				224										
S-PD-6	"K"	105+34	–	–	–												BIKE LANE ARROW	7	
S-PD-6	"K"	105+42	106+15	–	–														
S-PD-6	"K"	105+34	–	–	–												BIKE LANE SYMBOL WITH PERSON	14	
S-PD-6	"K"	105+42	107+49	–	–														
S-PD-6	"K"	106+15	107+49	–	–														
SUBTOTAL						92			2133	–	–	–	–	–	–	–		490	116
TOTAL						453			12520	214	275	2026	2930	275	405	5142		490	116

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY
DATE REVISED

LAST REVISION 03-14-25
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	88	159

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR ALL SIGN DETAILS REFER TO 2014 CALIFORNIA MUTCD.
3. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE NOTED WITH THE CALIFORNIA SIGN CODE DESIGNATION (CA).
4. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.
5. SIGN LOCATIONS ARE APPROXIMATE. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
6. REMOVE ALL CONFLICTING SIGNS.

LEGEND:

- ROADSIDE SIGN – ONE POST
- ROADSIDE SIGN – TWO POST
- EXISTING ROADSIDE SIGN – ONE POST
- EXISTING ROADSIDE SIGN – TWO POST
- (XX-XX) ROADSIDE SIGN NUMBER
- NEW ROADSIDE SIGN
- RESET ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN

03-14-25
REGISTERED CIVIL ENGINEER — DATE

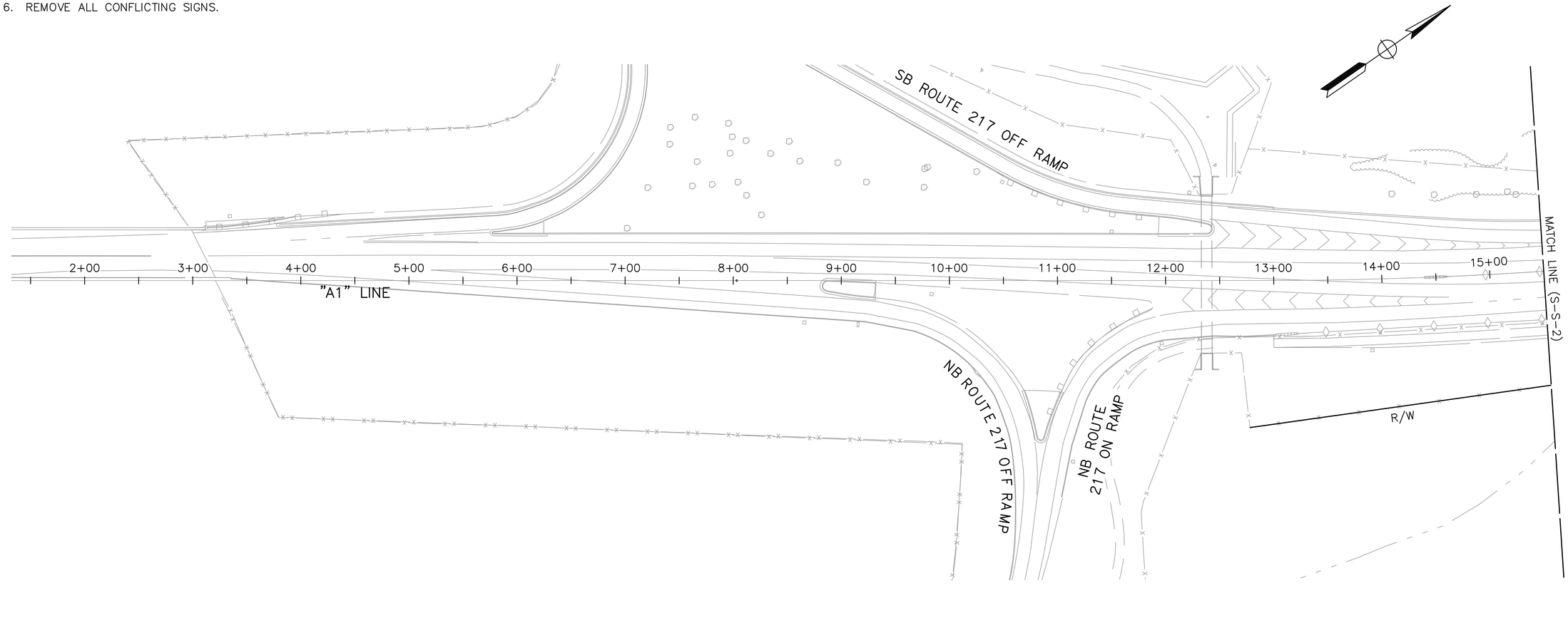
REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



APPROVED FOR SIGN WORK ONLY

SHEET 169 OF 262

SIGN PLAN

SCALE: 1"=50'

S-S-1

252

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR
	JOSE SILVA

LAST REVISION 03-14-25
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NOTE:

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5	SB	217	1.0/2.4	89	159

Christian Layton 03-14-25
REGISTERED CIVIL ENGINEER DATE

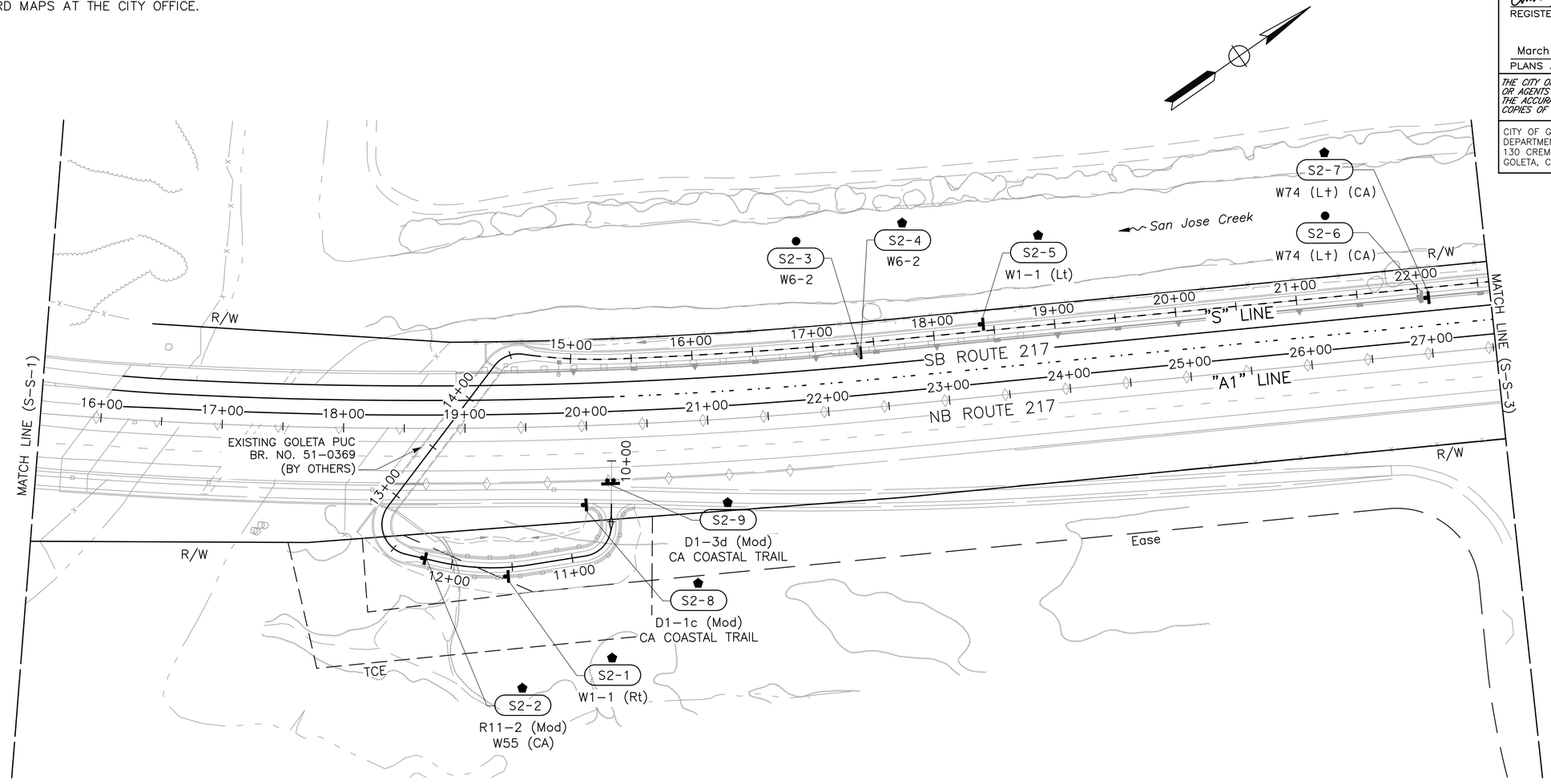
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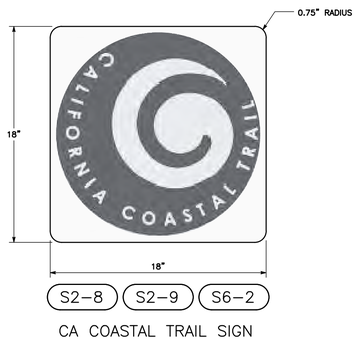
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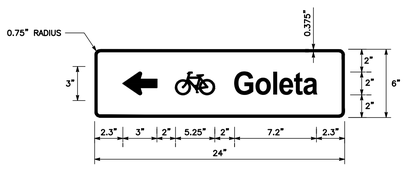
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
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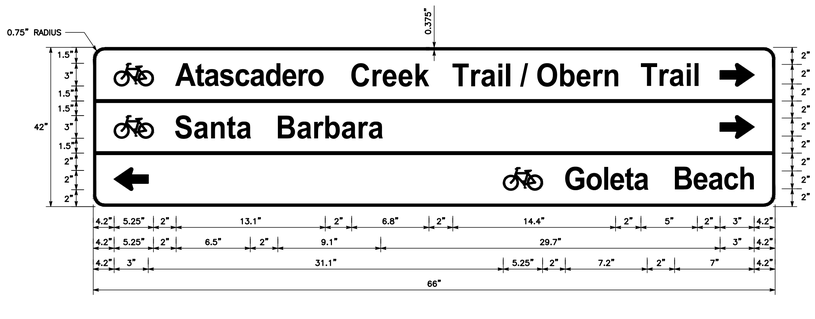




CA COASTAL TRAIL SIGN



S2-8 D1-1c (Mod)



S2-9 D1-3d (Mod)

APPROVED FOR SIGN WORK ONLY

SHEET 170 OF 262

SIGN PLAN
SCALE: 1"=50' **S-S-2**

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

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TIME PLOTTED => 7:31 pm

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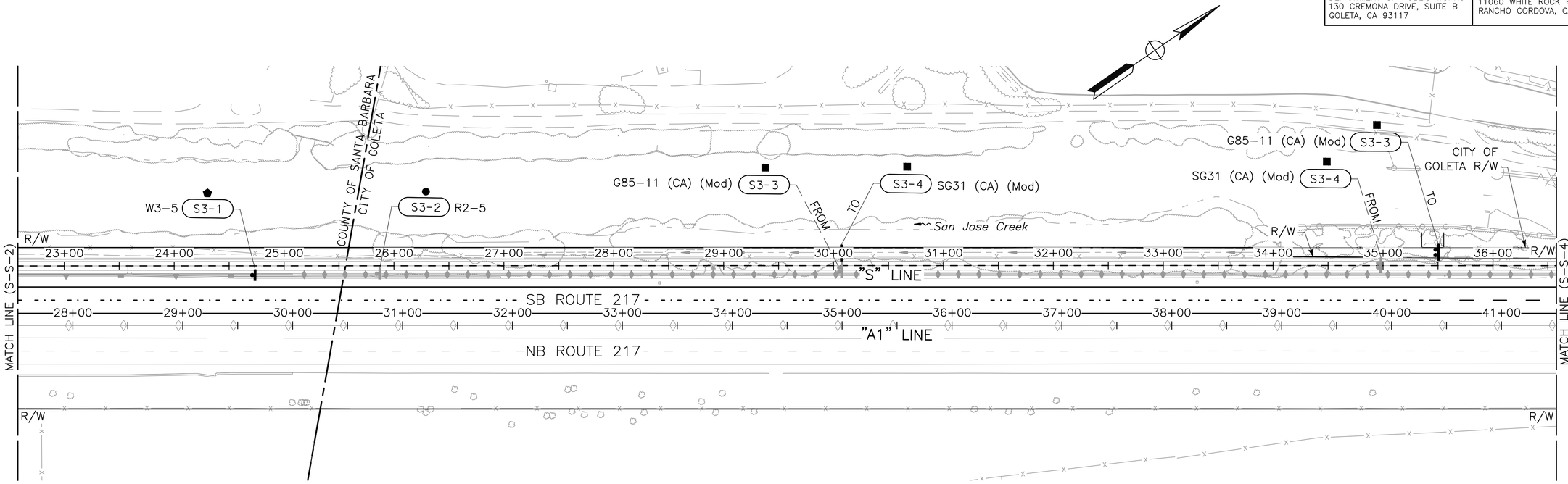
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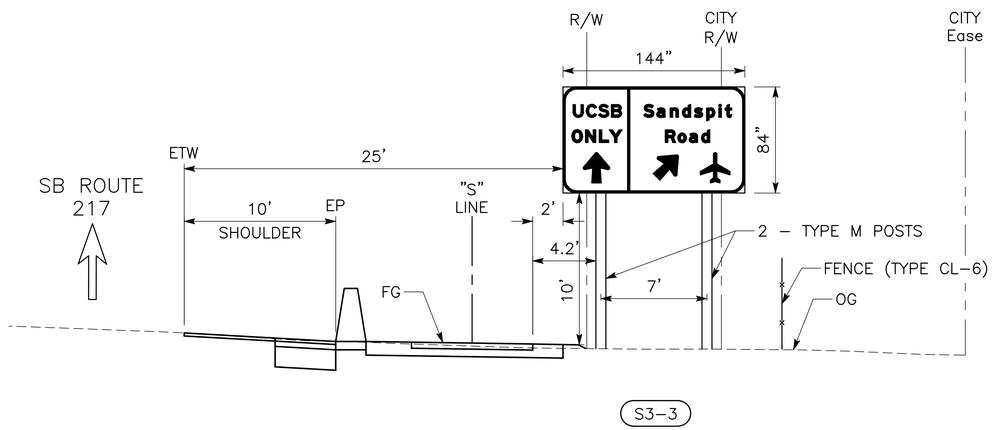
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PLANS APPROVAL DATE

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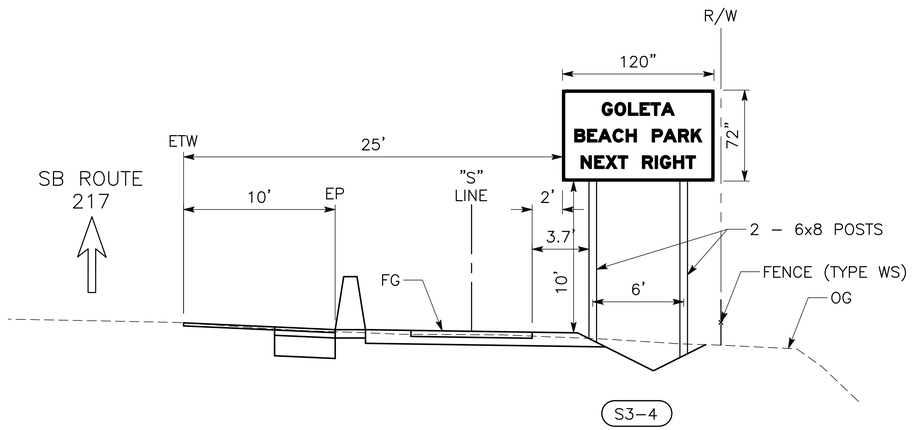
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





S3-3



S3-4

APPROVED FOR SIGN WORK ONLY

SHEET 171 OF 262

SIGN PLAN

SCALE: 1"=50'

S-S-3

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

REVISED BY | DATE REVISED

DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:32 pm
LAST REVISION 03-14-25

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BORDER LAST REVISED 7/2/2010 | USERNAME => clayton | DGN FILE => SE-R-S.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	91	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

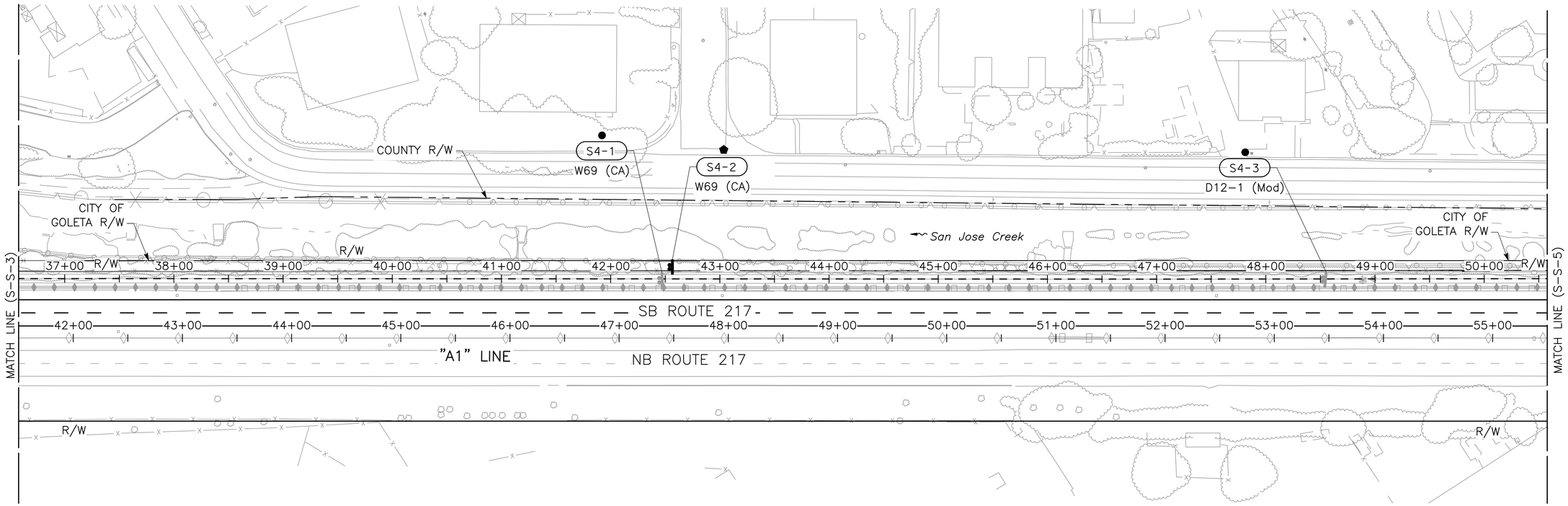
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

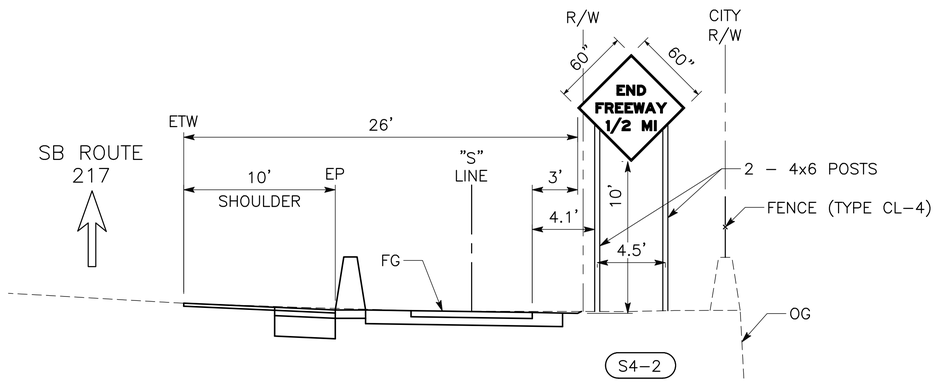
March 14, 2025
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RANCHO CORDOVA, CA 95670





APPROVED FOR SIGN WORK ONLY

SHEET 172 OF 262

SIGN PLAN
SCALE: 1"=50' **S-S-4**

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

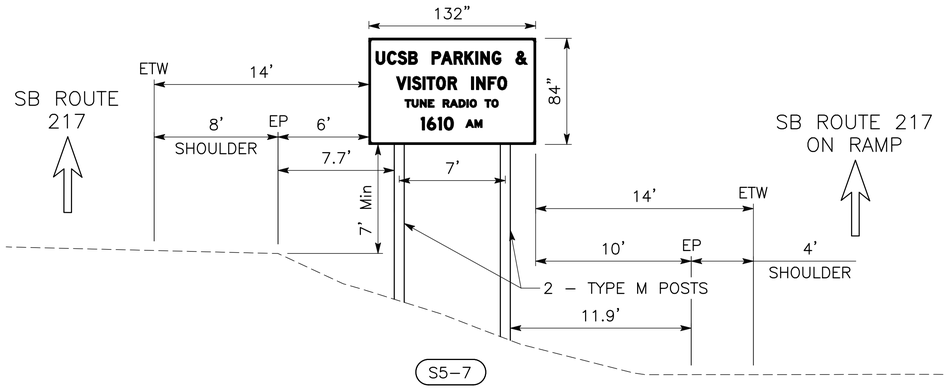
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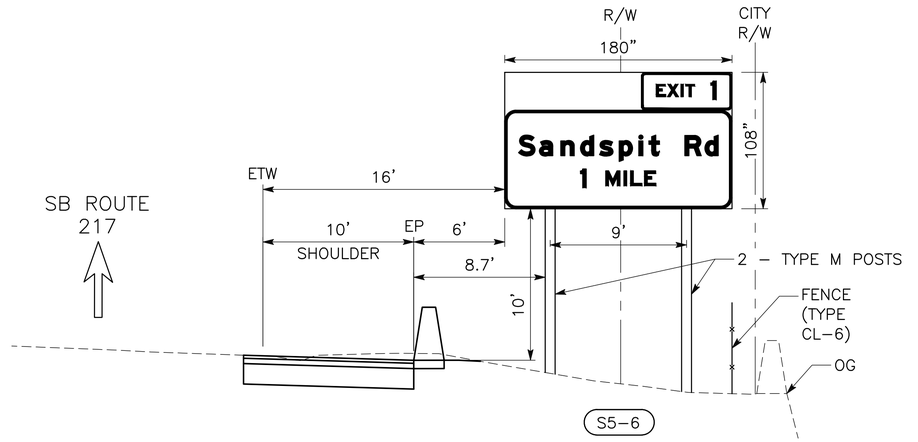
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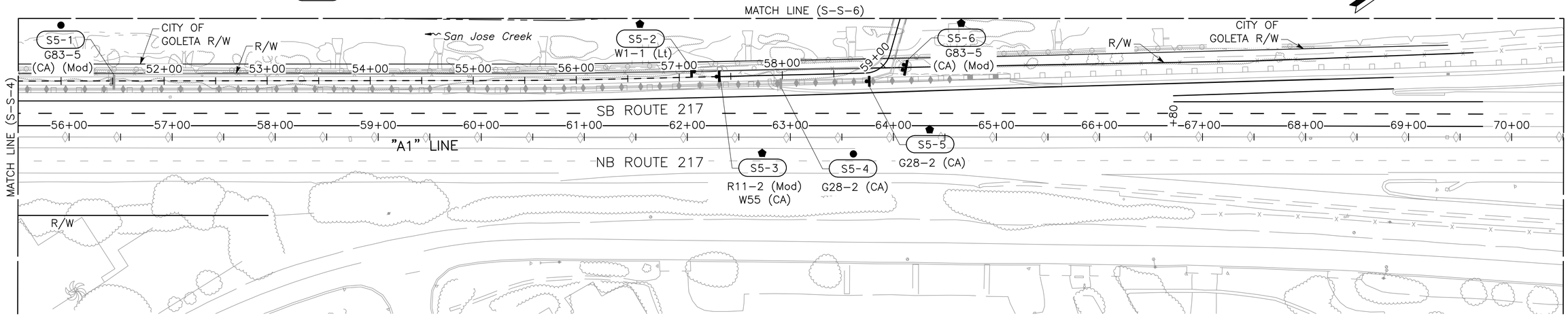
BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-S.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

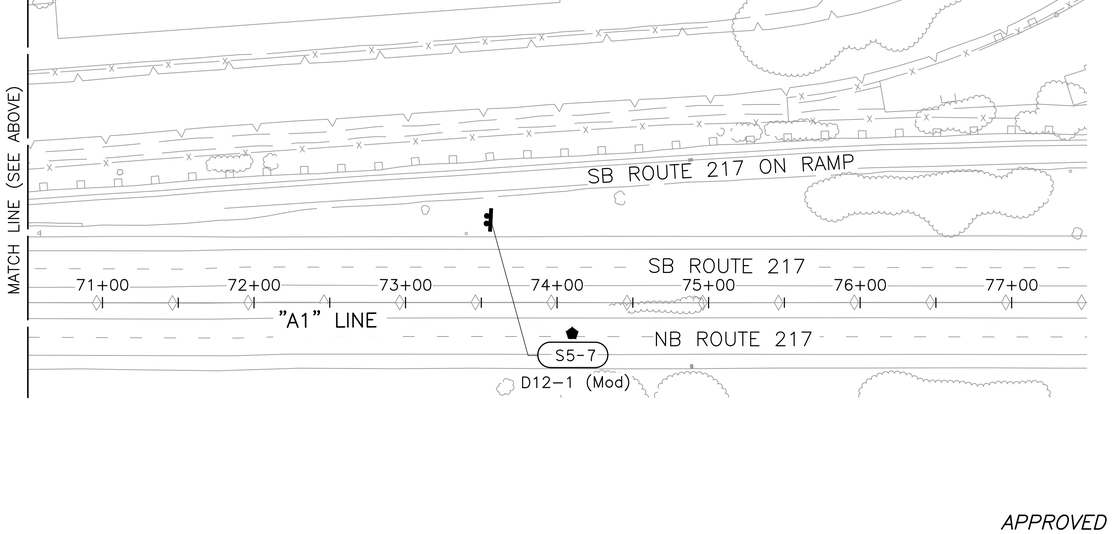
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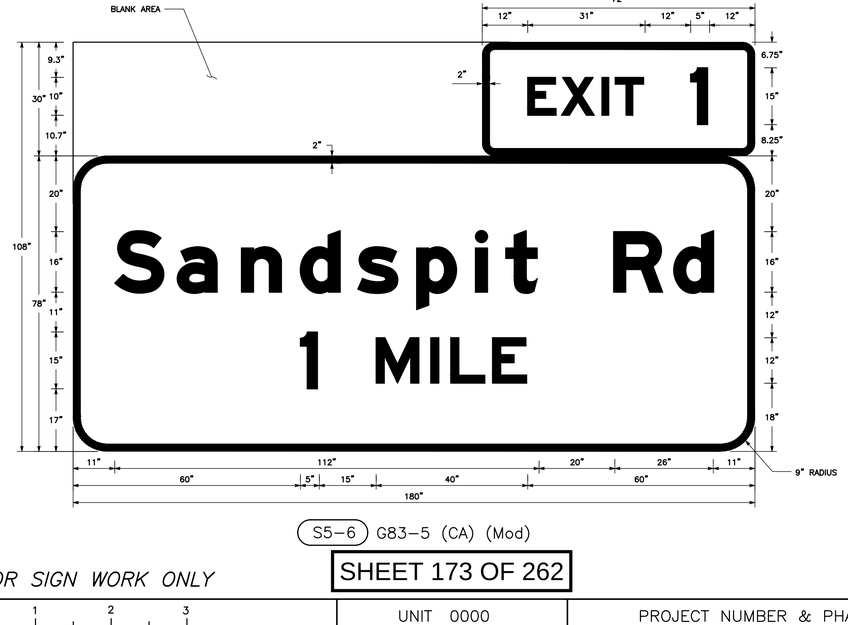
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S5-6 G83-5 (CA) (Mod)

APPROVED FOR SIGN WORK ONLY

SHEET 173 OF 262

SIGN PLAN

SCALE: 1"=50'

S-S-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	92	159

REGISTERED CIVIL ENGINEER — DATE 03-14-25

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

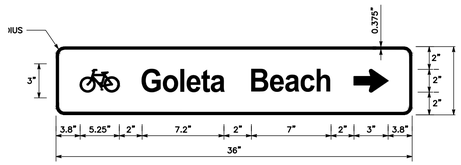
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NOTE:

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S6-2 D1-1c (Mod)



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REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
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RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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SHEET 174 OF 262

SIGN PLAN
SCALE: 1"=50' **S-S-6**

LAST REVISION 03-14-25
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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CHRISTIAN LAYTON
No. 95088
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RANCHO CORDOVA, CA 95670

SIGN QUANTITIES

SHEET NUMBER	SIGN NUMBER	SIGN DESIGNATION	SIGN MESSAGE	PANEL SIZE L X D (INCHES)	POST SIZE	BACKGROUND SHEETING COLOR	LEGEND SHEETING COLOR	FURNISH SINGLE SHEET ALUMINUM SIGN – 0.063 UNFRAMED (SQFT)	FURNISH SINGLE SHEET ALUMINUM SIGN – 0.080 UNFRAMED (SQFT)	FURNISH LAMINATED PANEL SIGN (1"-TYPE B) (SQFT)	ROADSIDE SIGN – ONE POST (EA)	ROADSIDE SIGN – TWO POST (EA)	INSTALL ROADSIDE SIGN (LWBP) (EA)	BARRIER MOUNTED SIGN (TYPE 85A (Mod)) (EA)	REMOVE ROADSIDE SIGN (EA)	RESET ROADSIDE SIGN (EA)	RELOCATE ROADSIDE SIGN (EA)	REMARKS
S-S-2	S2-1	W1-1 (Rt)	HORIZONTAL ALIGNMENT	18x18	4x4	YELLOW	BLACK	2.25			1							
	S2-2	R11-2 (Mod)	PATH CLOSED	24x18	–	WHITE	BLACK	3.00			1							MOUNTED ON GATE
		W55 (CA)	FLOODED	18x18	–	YELLOW	BLACK	2.25			1							MOUNTED ON GATE
	S2-3	W6-2	DIVIDED HIGHWAY ENDS	48x48	6x6	YELLOW	BLACK								1			
	S2-4	W6-2	DIVIDED HIGHWAY ENDS	48x48	4NPS XS	YELLOW	BLACK		16.00					1				
	S2-5	W1-1 (Lt)	HORIZONTAL ALIGNMENT	18x18	4x4	YELLOW	BLACK	2.25			1							
	S2-6	W74 (Lt) (CA)	THRU TRAFFIC MERGE LEFT	48x48	6x6	YELLOW	WHITE/ BLACK								1			
	S2-7	W74 (Lt) (CA)	THRU TRAFFIC MERGE LEFT	48x48	4NPS XS	YELLOW	WHITE/ BLACK		16.00					1				
	S2-8	–	CA COASTAL TRAIL	18x18	4x4	WHITE	BLUE/ WHITE	2.25			1							
		D1-1c (Mod)	DIRECTIONAL SIGN	24x6	4x4	GREEN	WHITE	1.00			1							
	S2-9	–	CA COASTAL TRAIL	18x18	4x6	WHITE	BLUE/ WHITE	2.25			1							
		D1-3d (Mod)	DIRECTIONAL SIGN	68x18	2-4x6	GREEN	WHITE	8.50				1						
S-S-3	S3-1	W3-5	REDUCED SPEED LIMIT 45 MPH	48x48	4NPS XS	YELLOW	WHITE/ BLACK		16.00					1				
	S3-2	R2-5	REDUCED SPEED AHEAD	24x30	4x4	WHITE	BLACK								1			
	S3-3	G85-11 (CA) (MOD)	UCSB ONLY/SANDSPIT ROAD	144x84	2-TYPE M	GREEN	WHITE										1	
	S3-4	SG31 (CA) (Mod)	GOLETA BEACH PARK NEXT RIGHT	120x72	2-6x8	BROWN	WHITE										1	
S-S-4	S4-1	W69 (CA)	END FREEWAY ½ MI	60x60	2-4x6	WHITE	BLACK								1			
	S4-2	W69 (CA)	END FREEWAY ½ MI	60x60	2-4x6	WHITE	BLACK		25.00			1						
	S4-3	D12-1 (Mod)	PARKING AND VISITOR INFO	132x84	2-6x8	BLUE	WHITE								1			
S-S-5	S5-1	G83-5 (CA)	SANDSPIT Rd ¾ MILE	168x100	2-6x6	GREEN	WHITE								1			
	S5-2	W1-1 (Lt)	HORIZONTAL ALIGNMENT	18x18	4x4	YELLOW	BLACK	2.25			1							
	S5-3	R11-2 (Mod)	PATH CLOSED	24x18	–	WHITE	BLACK	3.00			1							MOUNTED ON GATE
		W55 (CA)	FLOODED	18x18	–	YELLOW	BLACK	2.25			1							MOUNTED ON GATE
	S5-4	G28-2 (CA)	STATE ROUTE 217 MARKER	31x35	–	GREEN	WHITE								1			
	S5-5	G28-2 (CA)	STATE ROUTE 217 MARKER	31x35	–	GREEN	WHITE	7.60			1							MOUNTED ON LUMINAIRE
	S5-6	G83-5 (CA)	SANDSPIT Rd 1 MILE	180x108	2-TYPE M	GREEN	WHITE			135			1					
	S5-7	D12-1 (Mod)	PARKING AND VISITOR INFO	132x84	2-TYPE M	BLUE	WHITE			77			1					
S-S-6	S6-1	W1-2 (Lt)	HORIZONTAL ALIGNMENT	36x36	4x6	YELLOW	BLACK	9.00								1		
		W13-1P	ADVISORY SPEED 30 MPH	30x30	4x6	YELLOW	BLACK	6.25								1		
	S6-2	–	CA COASTAL TRAIL	18x18	4x4	WHITE	BLUE/ WHITE	2.25			1							
		D1-1c (Mod)	DIRECTIONAL SIGN	24x6	4x4	GREEN	WHITE	1.00			1							
							TOTAL	57.4	73.0	212.0	13	2	2	3	7	2	2	

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
CHRISTIAN LAYTON	

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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SHEET 175 OF 262

SIGN QUANTITIES
S-SQ-1

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03-14-25
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

FENCE QUANTITIES

SHEET NO.	CHAIN LINK FENCE (TYPE CL-6)	CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD, BLACK)	WOOD RAIL FENCE	FENCE (TYPE WS)	DESCRIPTION/COMMENTS
	LF	LF	LF	LF	
S-PP-1			387	83	
S-PP-2				501	
S-PP-3				500	
S-PP-4				503	
S-PP-5	41			459	
S-PP-6	500				
S-PP-7	156	347			FENCE (TYPE CL-4, VINYL-CLAD. BLACK) PLACED ON EXISTING BARRIER
S-PP-8		500			FENCE (TYPE CL-4, VINYL-CLAD. BLACK) PLACED ON EXISTING BARRIER
S-PP-9		500			FENCE (TYPE CL-4, VINYL-CLAD. BLACK) PLACED ON EXISTING BARRIER
S-PP-10	71	446			FENCE (TYPE CL-4, VINYL-CLAD. BLACK) PLACED ON EXISTING BARRIER
S-PP-11	17				
TOTAL	785	1793	387	2046	

REMOVAL QUANTITIES

SHEET NO.	REMOVE FENCE	REMOVE GUARDRAIL
	LF	LF
S-PP-1	83	49
S-PP-2	501	441
S-PP-3	500	
S-PP-4	500	
S-PP-5	500	
S-PP-6	500	107
S-PP-7	501	500
S-PP-8	500	500
S-PP-9	500	500
S-PP-10	498	571
TOTAL	4,583	2,668

EARTHWORK QUANTITIES

SHEET No.	LINE	STATION RANGE		ROADWAY EXCAVATION	ROADWAY EXCAVATION (TYPE Z-2)(AERIALLY DEPOSITED LEAD)	EMBANKMENT WITH 15% SHRINKAGE (N)	DESCRIPTION/COMMENTS
		BEGIN	END	CY	CY	CY	
S-PP-1	"S"	10+35	12+87	~~108~~ **195**		~~1,600~~ **1,480**	BEFORE CULVERT
S-PP-1 – S-PP-10	"S"	14+34	57+84	~~3,416~~ **3,938**		~~312~~ **209**	AFTER CULVERT/BEFORE BRIDGE
S-PP-11	"S"/"K"	61+32	107+23	~~85~~ **549**		~~3~~ **1**	AFTER BRIDGE
S-CD-10 – S-CD-12	"A1"	31+89	62+85		1,374		
TOTAL				~~3,609~~ **4,682**	1,374	~~1,915~~ **1,691**	

(N) – NOT A SEPARATE BID ITEM

4 4

MISCELLANEOUS QUANTITIES

SHEET NO.	REMOVABLE BOLLARD	12' PIPE GATE	DESCRIPTION/ COMMENTS
	EA	EA	
S-PP-1	1	1	
S-PP-10		1	
TOTAL	1	2	

SUMMARY OF QUANTITIES
S-Q-1

REVISED BY	DATE REVISED
CL	5/15/25 ⚠4 ADDENDUM 4

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PAVEMENT STRUCTURE QUANTITIES

LINE	STATION RANGE		SIDE	HOT MIX ASPHALT (TYPE A)	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	MICROSURFACING (TYPE II)	CLASS 2 AGGREGATE BASE	MINOR CONCRETE (CURB AND GUTTER)	MINOR CONCRETE (CURB RAMP)	MINOR CONCRETE (SIDEWALK)	MINOR CONCRETE (CURB)	DETECTABLE WARNING SURFACE	DESCRIPTION/COMMENTS
	BEGIN	END		TON	TON	TON	CY	CY	CY	CY	LF	SQFT	
"S"	10+35	12+86	NB/SB	76			45						BIKE PATH
"S"	10+35	12+86	NB/SB				25						BIKE PATH SHOULDER
"S"	10+35	12+86	NB/SB				26						BIKE PATH SHOULDER
"S"	14+35	57+37	NB/SB				291						BIKE PATH SHOULDER
"S"	14+33	57+67	NB/SB				448						BIKE PATH SHOULDER
"S"	14+33	57+92	NB/SB	1108			651						BIKE PATH
"S"	14+48	15+25	NB/SB								82		RETAINING CURB
"S"	57+37	57+42	NB/SB								14		RETAINING CURB
"A1"	19+85	63+30	SB		345								SR217 SHOULDER OVERLAY
"A1"	19+85	65+63	SB	643	367		1225						SR217 SHOULDER WIDENING
"A1"	30+00	64+64	SB	260									UNDER BARRIER (SR217)
"A1"	65+13	60+27	SB	6							50		CURB (TYPE E)
"K"	101+63	107+50	NB/SB			19							KELLOGG MICROSURFACING
"K"	101+70	107+25	NB	141			209						SAWCUT
"K"	101+72	107+23	NB					22			~~213~~ **254**		CURB AND GUTTER/RETAINING CURB
"K"	105+11	105+39	NB						3.5			15	CURB RAMP
"K"	105+39	107+23	NB							19			SIDEWALK
"K"	103+25	105+10	NB	15									UNDER BARRIER (KELLOGG)
TOTAL				2,249	712	19	2,920	22	3.5	19	~~359~~ **400**	15	

4

SUMMARY OF QUANTITIES
S-Q-2

REVISED BY	DATE REVISED
CL	5/15/25 ADDENDUM 4

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JOSE SILVA — CHECKED BY
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USERNAME =>agarcia
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PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	97	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PLACE AND MAINTAIN EROSION CONTROL BMP'S IN CONFORMANCE WITH CALIFORNIA STATE WATER RESOURCES CONTROL BOARD (CSWRCB) CONSTRUCTION ACTIVITIES STORMWATER GENERAL PERMIT ORDER NO. 2022-0057-DWQ (SEPTEMBER 1, 2023).
3. EROSION CONTROL PLANS ARE CONCEPTUAL IN NATURE AND ARE PROVIDED FOR BIDDING PURPOSES ONLY. THEY DO NOT REFLECT THE ONLY EROSION CONTROL BMP'S NECESSARY FOR THE WORK. THE CONTRACTOR SHALL PREPARE HIS OWN EROSION CONTROL PLANS AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN TO BE SUBMITTED FOR APPROVAL AND SHALL INCLUDE ALL NECESSARY BMP'S IN THE COST BREAKDOWN TO BE SUBMITTED WITH THE STORMWATER POLLUTION PREVENTION PLAN.

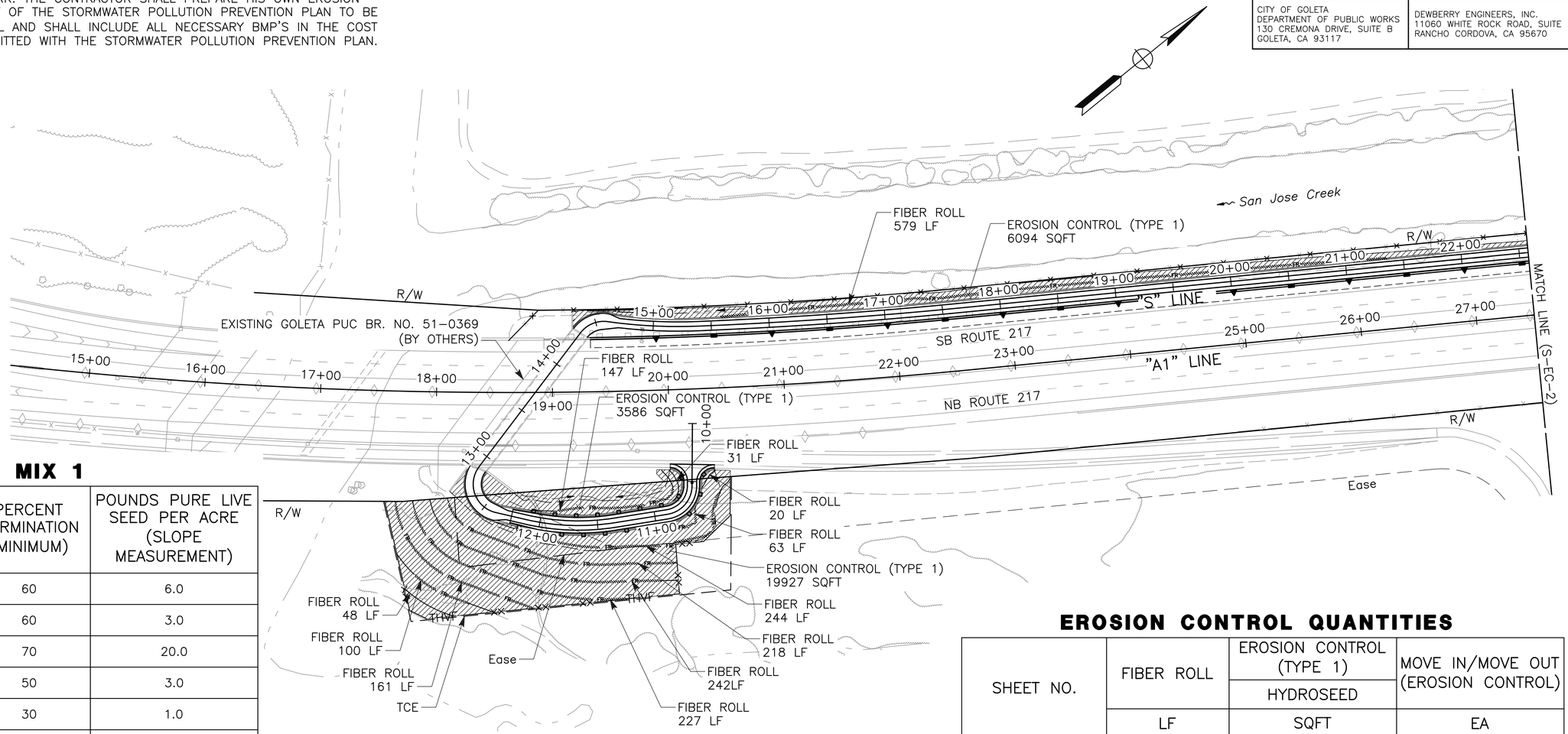
LEGEND:

CUT

FILL

FR FIBER ROLL

EROSION CONTROL (TYPE 1)



SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ARTEMESIA CALIFORNICA CALIFORNIA SAGEBRUSH	60	6.0
STIPA PULCHRA PURPLE NEEDLEGRASS	60	3.0
TRITICALE HYBRID QUICKGUARD	70	20.0
ACMISPON AMERICANUS SPANISH LOTUS	50	3.0
AMBROSIA PSILOSTACHYA WESTERN RAGWEED	30	1.0
ARTEMESIA DOUGLASIANA MUGWORT	20	0.1
CORETHROGYNE FILAGINIFOLIA SANDASTER	20	0.1
CROTON CALIFORNICA DESERT CROTON	20	1.0
DIEANDRA FASCICULATA CLUSTERED TARWEED	40	0.5
ELYMUS TRITICOIDES CREEPING WILD RYE	50	4.0
ENCILIA CALIFORNIA BUSH SUNFLOWER	40	1.0
ERIGONUM PARVIFOLIUM SEACLIFF BUCKWHEAT	10	0.5
HETEROTHECA GRANDIFLORA TELEGRAPH WEED	20	0.5
LUPINUS BICOLOR BICOLOR LUPINE	70	4.0
PSEUDOGNAPHALIUM CALIFORNIA CALIFORNIA EVERLASTING	20	0.05

EROSION CONTROL (TYPE 1)

ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE
HYDROSEED	SEED	MIX 1	44.75 LB/ACRE
	FIBER	WOOD	2,500 LB/ACRE
	TACKIFIER	PSYLLIUM	150 LB/ACRE

EROSION CONTROL QUANTITIES

SHEET NO.	FIBER ROLL	EROSION CONTROL (TYPE 1) HYDROSEED	MOVE IN/MOVE OUT (EROSION CONTROL)
	LF	SQFT	EA
S-EC-1	2081	29607	–
S-EC-2		6489	–
S-EC-3		362	–
S-EC-4		1392	–
TOTAL	2081	37853	2

APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 178 OF 262

EROSION CONTROL PLAN

SCALE: 1"=50'

S-EC-1

261

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03-14-25 | DATE PLOTTED => Mar 13, 2025 | TIME PLOTTED => 7:41 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_EC.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

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Christian Layton 03-14-25
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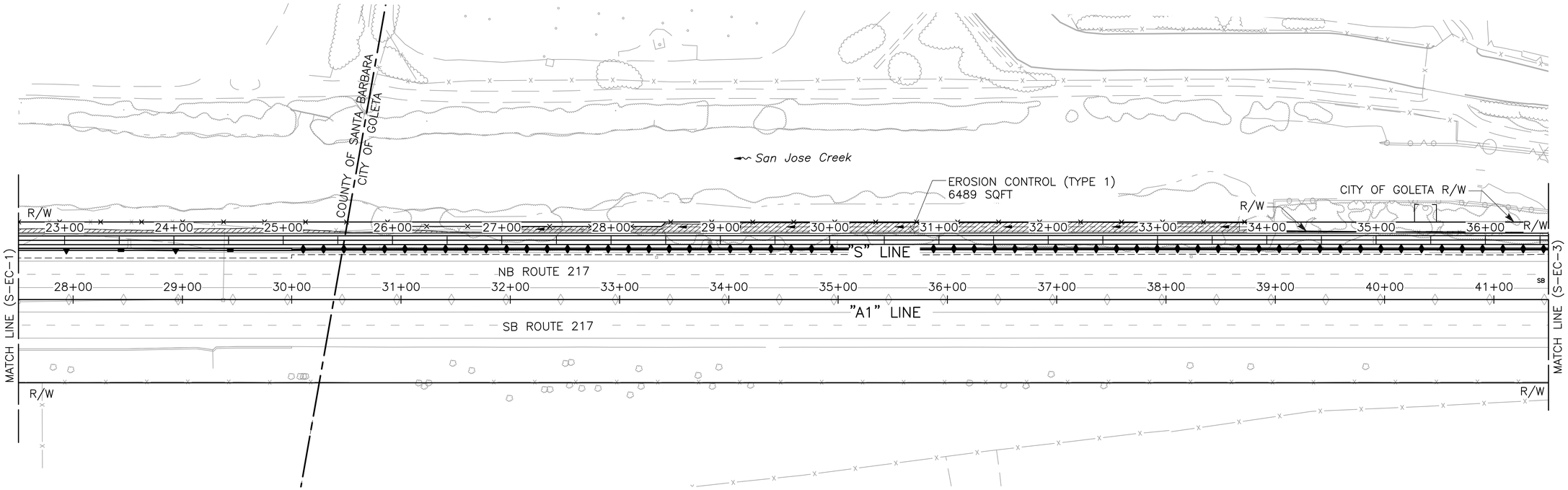
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670



EROSION CONTROL PLAN

SCALE: 1"=50'

S-EC-2

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SHEET 179 OF 262

REVISED BY	DATE REVISED
CHRISTIAN LAYTON	
JOSE SILVA	

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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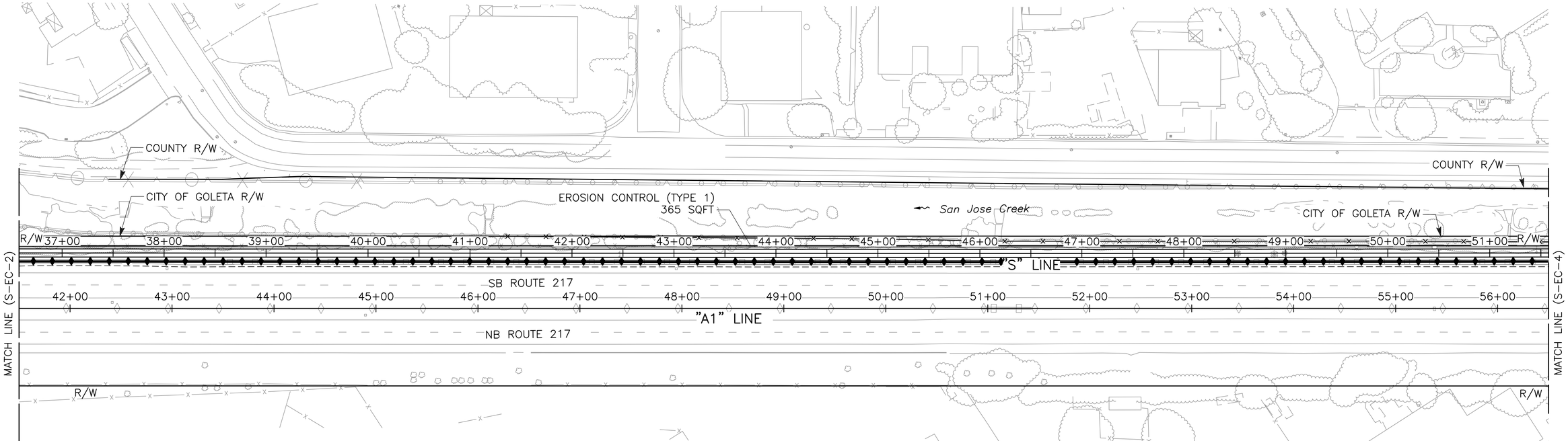
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RANCHO CORDOVA, CA 95670



EROSION CONTROL PLAN

SCALE: 1"=50'

S-EC-3

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SHEET 180 OF 262

263

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
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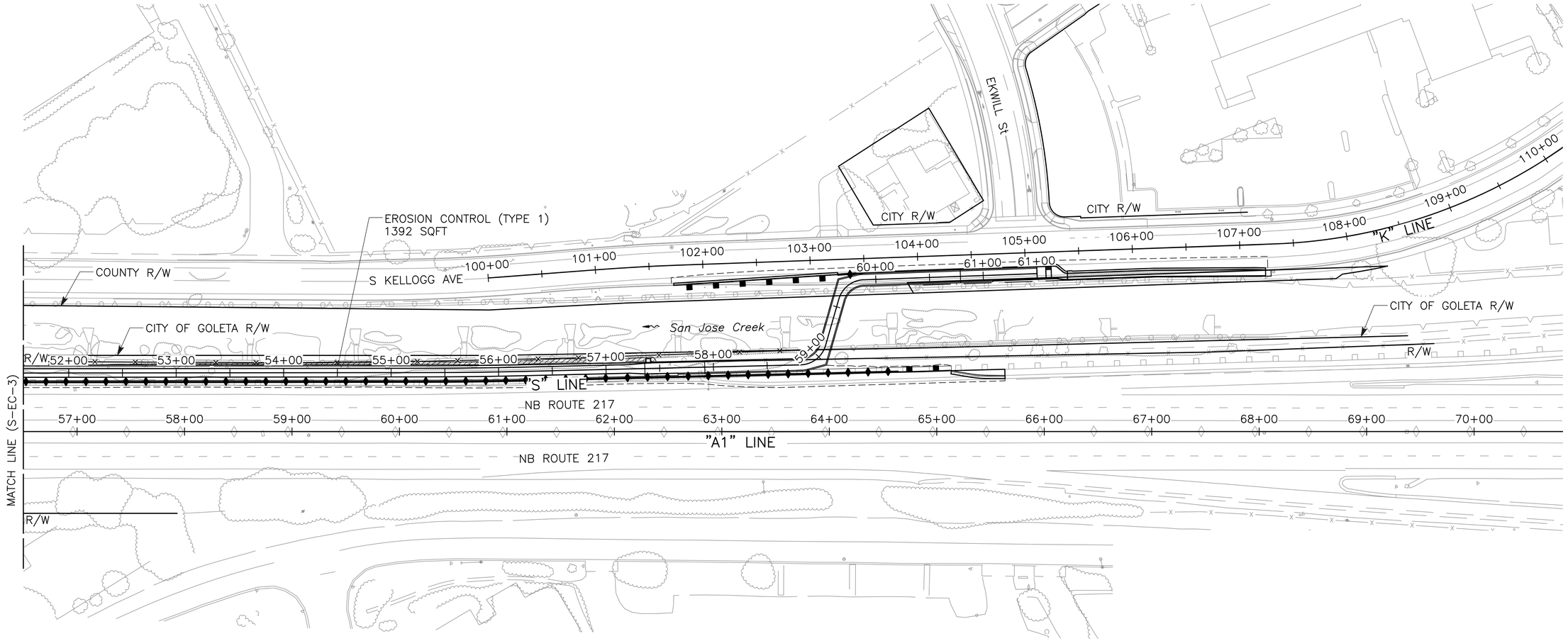
CHRISTIAN LAYTON No. 95088 Exp. 09-30-25 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

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EROSION CONTROL PLAN

SCALE: 1"=50'

S-EC-4

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SHEET 181 OF 262

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CHRISTIAN LAYTON	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

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NATIVE PLANT PALETTE - SAN JOSE CREEK ALONG SOUTHERN SEGMENT OF THE PATHWAY

Scientific Name	Common Name	Quantity[1]
Riparian Trees		
Juglans californica	Southern California black walnut	3
Platanus racemosa	western sycamore	3
Populus trichocarpa	black cottonwood	3
Quercus agrifolia	coast live oak	3
Umbellularia californica	California bay	3
Subtotal		**Up to 15 [2]**
Shrubs		
Artemisia californica	California sagebrush	9
Baccharis pilularis	Coyote brush	9
Encelia californica	California sunflower	9
Epilobium canum	California fuchsia	9
Eriogonum parvifolium	Seacliff buckwheat	9
Frangula californica	California coffeeberry	9
Heteromeles arbutifolia	toyon	9
Isocoma menziesii	Coastal goldenbush	9
Lonicera subspicata var. *subspicata*	Santa Barbara honeysuckle	9
Mimulus aurantiacus	bush monkeyflower	9
Phacelia ramossisima	branching phacelia	9
Salvia leucophylla	purple sage	9
Salvia mellifera	black sage	9
Sambucus nigra	blue elderberry	9
Subtotal		**99**
Grasses, Forbs, and Vines		
Ambrosia psilostachya var. *californica*	Western ragweed	4
Artemisia douglasiana	Mugwort	4
Bromus carinatus	California brome	4
Clematis ligusticifolia	creek clematis	4
Elymus condensatus	giant wild rye	4
Elymus triticoides	alkali ryegrass	4
Rosa californica	California rose	4
Salvia spathacea	hummingbird sage	4
Scrophularia californica	California figwort	4
Solidago velutina subsp. *californica*	velvety goldenrod	4
Verbena lasiostachys	verbena	4
Subtotal		**51**
Total		**166**

TBD = To be determined

[1] Riparian trees will be installed as 1-gallon containers or ½-gallon tree tubes at 10-foot spacing. Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

[2] Approximately 15 trees can be installed at the southern/downstream end of the mitigation site. All trees planned for Old San Jose Creek at Ekwill Street and San Jose Creek along the southern segment of the pathway will be surplus trees.

SAN JOSE CREEK ALONG THE SOUTHERN SEGMENT OF PATHWAY MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023) AND TREE INVENTORY AND PROTECTION PLAN (RINCON, FEBRUARY 2025)

1. INSTALLATION AND MAINTENANCE ACTIVITIES WILL BE PERFORMED BY A QUALIFIED AND CITY-APPROVED RESTORATION CONTRACTOR UNDER THE DIRECTION OF THE CITY-APPROVED RESTORATION BIOLOGIST PER THE MIGRATION PLAN OF THE SAN JOSE CREEK MULTI-PURPOSE PATH-NORTHERN AND SOUTHERN SEGMENTS (RINCON, NOVEMBER 2023), AS WELL AS THE RESTORATION CONTRACTOR SCOPE OF WORK FOR MIGRATION (RINCON 2024).
2. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED IN THE FIELD BY THE CITY-APPROVED RESTORATION BIOLOGIST.
3. MITIGATION APPROACH
   A. A PATCHWORK OF CREATION AND ENHANCEMENT OF 0.38 ACRE OF RIPARIAN SHRUBLAND IN THE FORM OF COYOTE BUSH AND COASTAL SAGE SCRUB WILL OCCUR ALONG SAN JOSE CREEK IMMEDIATELY ADJACENT TO, AND WEST OF, THE SOUTHERN SEGMENT OF THE PATHWAY, AND WEST OF SR 217. CREATION WILL OCCUR IN UPLAND AREAS ADJACENT TO THE CREEK WHERE NATIVE VEGETATION IS ABSENT AND ENHANCEMENT WILL OCCUR IN AREAS WHERE NATIVE VEGETATION, I.E., COYOTE BRUSH SCRUB, IS PRESENT. UP TO 15 RIPARIAN TREES WILL BE INSTALLED AS 1-GALLON CONTAINERS OR ½-GALLON TREE TUBES AT 10-FOOT SPACING. TREES WILL ONLY BE INSTALLED AT THE SOUTHERN END OF THE MITIGATION SITE WHERE THERE IS ENOUGH SPACE TO ENSURE THAT TREE ROOTS DO NOT INADVERTENTLY CAUSE DAMAGE TO THE CONCRETE CHANNEL. NATIVE HERBS AND SHRUBS WILL BE INSTALLED AS 1-GALLON OR 4-INCH CONTAINERS AT 5-FOOT SPACING AND WILL LARGELY BE INSTALLED IN AREAS WITHOUT EXISTING COYOTE BRUSH. SEE TABLE ON THE LEFT FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS AND FURTHER COORDINATION WITH MONARCH BIOLOGISTS TO DESIGN THE NATIVE PLANT PERIMETER AROUND THE EUCALYPTUS GROVE. NON-NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.
4. SOURCE OF PLANT MATERIALS
   A. A QUALIFIED NATIVE NURSERY IN COORDINATION WITH THE CITY-APPROVED RESTORATION BIOLOGIST WILL GATHER PLANT STOCK, E.G., SEEDS AND CUTTINGS. THE NATIVE PLANT MATERIAL USED FOR REVEGETATION WILL PRIMARILY BE COLLECTED FROM THE SAN JOSE CREEK AND DEVEREUX CREEK WATERSHEDS. IF SUFFICIENT PLANT MATERIAL CANNOT BE COLLECTED FROM THIS AREA ALONE, PLANT MATERIAL FROM THE SANTA BARBARA COAST SOUTH OF THE SANTA YNEZ MOUNTAINS BETWEEN CARPINTERIA AND GAVIOTA WILL BE USED.
5. SITE PREPARATION
   A. PRIOR TO PLANT INSTALLATION, A QUALIFIED CITY-APPROVED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY-APPROVED RESTORATION BIOLOGIST WILL REMOVE NON-NATIVE PLANTS AT THE MIGRATION SITES. NON-NATIVE PLANTS WILL BE REMOVED PRIMARILY USING HAND REMOVAL METHODS, SUCH AS HAND-HELD WEED WHIPS, LOPPERS, AND HOES. IF HAND REMOVAL IS NOT FEASIBLE DUE TO SPECIES RESISTANCE TO HAND REMOVAL METHODS, THE SIZE OF THE PLANT, OF THE NUMBER OF PLANTS, PERENNIAL INVASIVE SPECIES MAY BE TREATED WITH HERBICIDES IN ACCORDANCE WITH SECTION 2.1.4 OF THE MITIGATION PLAN.
   B. VEGETATION WITH POTENTIAL TO CONTAIN BIRD NEST WILL NOT BE REMOVED DURING BREEDING BIRD SEASON (APPROXIMATELY FEBRUARY 1 THROUGH AUGUST 31) UNLESS A CITY-APPROVED BIOLOGIST DETERMINES THAT IS ODES NOT CONTAIN ACTIVE BIRD NESTS.
   C. IF DEEMED NECESSARY, THE RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY-APPROVED RESTORATION BIOLOGIST WILL INSTALL EROSION CONTROL MATERIALS PER SECTION 2.1.7 OF THE MITIGATION PLAN, ALTHOUGH PROBLEMATIC EROSIONAL ISSUES ARE NOT EXPECTED TO OCCUR AS THERE ARE NO ISSUES PRESENTLY ON-SITE. EROSION CONTROL DEVICES MAY INCLUDE HAY BALES AT THE BASE OF SLOPES, JUTE NETTING, COCONUT FIBER MATS, FIBER ROLLS, AND/OR STRAW WATTLE. EROSION CONTROL MATERIALS CONTAINING PLASTICS WILL NOT BE USED DUE TO THE HAZARDS THEY POSE TO WILDLIFE. EROSION CONTROL MATERIALS SHALL BE WEED FREE.
   D. THE IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED BY THE RESTORATION CONTRACTOR, WITH OVERSIGHT BY THE CITY-APPROVED RESTORATION BIOLOGIST, PER THE SPECIFICATIONS NOTED BELOW AND PER THE MITIGATION PLAN.
6. PLANT INSTALLATION METHODS
   A. A QUALIFIED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY-APPROVED RESTORATION BIOLOGIST WILL INSTALL PLANTS TO COINCIDE WITH THE FIRST MAJOR WINTER STORM (APPROXIMATELY OCTOBER TO DECEMBER) WHEN SOIL CONDITIONS ARE MOIST. THE CITY-APPROVED RESTORATION BIOLOGIST WILL DETERMINE PRECISE PLANTING LOCATIONS IN THE FIELD.
   B. HOLES FOR THE 1-GAL CONTAINER PLANTS WILL BE DUG BY HAND USING A SHOVEL, HANG AUGER, OR SIMILAR DEVICE. CARE WILL BE TAKEN NOT TO DISTURB THE ROOT BALL, STEMS, OR BRANCHES WHEN INSTALLING EACH CONTAINER PLANT. THE SOIL WILL BE BACKFILLED SO AS NOT TO LEAVE ANY AIR SPACES AROUND THE CONTAINER PLANT SOIL AND ROOTS. PLANTING PITS WILL BE BACKFILLED WITH NATIVE SOIL SO THAT THE SOIL SURFACE OF THE CONTAINER PLANT IS LEVEL WITH THE GROUND. IF SOIL CONDITIONS INDICATE THAT SOIL AMENDMENTS SUCH AS BIOCHAR, MYCORRHIZAE INOCULUM, OR SIMILAR IS NEEDED, THEY WILL BE EMPLOYED.
   C. AFTER INSTALLATION, MULCH WILL BE PLACED AROUND EACH PLANT TO PREVENT NON-NATIVE PLANTS FROM ESTABLISHING AND TO HELP INCREASE SOIL MOISTURE. MULCH WILL BE PLACED AROUND EACH CONTAINER PLANT AT A DEPTH OF 2 TO 3 INCHES. MULCH WILL BE PLACED IN A 2-FOOT RADIUS FOR TREES AND A 1-FOOT RADIUS FOR OTHER SPECIES. MULCH SHALL NOT BE ALLOWED TO CONTACT THE TRUNKS OF PLANTED TREES AS THIS CAN LEAD TO FUNGAL DEVELOPMENT AND ROT. IF APPLICABLE, MULCH ORIGINATING FROM THE NON-NATIVE ON-SITE TREES WILL BE ALLOWED SOME TIME TO DRY AND THEN WILL BE USED AROUND INSTALLED PLANTS AS FEASIBLE. ADDITIONAL BARK MULCH ORIGINATING FROM SANTA BARBARA, SUCH AS MULCH AVAILABLE FROM THE COUNTY'S SOUTH COAST RECYCLING AND TRANSFER STATION, MAY BE ACQUIRED AS NEEDED. MULCH SHOULD BE ORGANIC, AND MULCH DERIVED FROM EUCALYPTUS SPECIES SHALL BE AVOIDED UNLESS IT HAS BEEN CURED FOR A SUBSTANTIAL AMOUNT OF TIME. ALL PURCHASED MULCH WILL BE FREE OF ARGENTINE ANTS.
   D. EACH CONTAINER PLANT WILL BE IMMEDIATELY WATERED UNTIL SOIL SATURATION IS REACHED BY A DRIP EMITTER SYSTEM IF FEASIBLE OR BY HAND IF WATER CONNECTIONS ARE NOT AVAILABLE. LONG TERM IRRIGATION WILL BE APPLIED AS DESCRIBED IN SECTION 2.3.3 OF THE MITIGATION PLAN.
7. IRRIGATION
   A. THE IRRIGATION SOURCE WILL BE A WATER TRUCK STAGED ON THE EAST SIDE OF SOUTH KELLOGG, NEAR THE PROPOSED PEDESTRIAN BRIDGE OR AS DETERMINED BY THE RESTORATION CONTRACTOR. THE PRIMARY LINE WILL NEED TO BE TEMPORARILY INSTALLED ALONG THE PROPOSED PEDESTRIAN BRIDGE. A TEMPORARY ABOVE GROUND IRRIGATION SYSTEM WILL BE INSTALLED THROUGHOUT THE MITIGATION SITES AS FEASIBLE. THE IRRIGATION SYSTEM WILL BE SET UP TO TARGET INDIVIDUAL PLANTS VIA DRIP EMITTERS AND WILL AVOID WATERING IN BETWEEN THE PLANTS TO HELP PREVENT THE GROWTH OF NON-NATIVES. THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATED CONTROLLERS, AND WILL BE WEATHER SENSOR COMPATIBLE. PRIMARY LINES WILL BE OF 2-INCH-DIAMETER SCHEDULE (OR LARGER DIAMETER IF NECESSARY BY THE RESTORATION CONTRACTOR) 40 POLYVINYL CHLORIDE (PVC).
   B. THE RESTORATION CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING THE WATER FOR IRRIGATION
   C. THE CITY-APPROVED RESTORATION BIOLOGIST WILL ESTABLISH AN IRRIGATION SCHEDULE IN CONJUNCTION WITH THE QUALIFIED RESTORATION CONTRACTOR. IRRIGATION WILL BE SCHEDULED TO MAXIMIZE GROWTH OF NATIVE SPECIES AND WILL ACCOUNT FOR NATURAL RAINFALL, WHILE MINIMIZING GROWTH OF INVASIVE NON-NATIVE PLANTS. GENERALLY, IF IRRIGATION IS NEEDED, IT WILL BE PROVIDED TO A GREATER EXTENT DURING THE GROWING SEASON (WINTER AND SPRING) TO MIMIC SEASONAL WEATHER PATTERNS, WITH MINIMAL IRRIGATION PROVIDED AS NEEDED DURING THE SUMMER AND FALL TO KEEP PLANTS ALIVE.

4

MITIGATION PLANTING PLAN

S-MP-1

	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	CL		5/15/25 ⚠4 ADDENDUM 4	
	CHRISTIAN LAYTON		JOSE SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25 — DATE PLOTTED => May 15, 2025 — TIME PLOTTED => 3:41 pm

u:\19007 – sj creek bike path so extent 2019-023 – ci goleta\400 project design files\420 roadway & civil\Plans\SE-R-MP1-MP6.dwg, 5/15/2025 3:41 PM

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SAN JOSE CREEK ALONG THE SOUTHERN SEGMENT OF PATHWAY MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023) AND TREE INVENTORY AND PROTECTION PLAN (RINCON, FEBRUARY 2025) (CONTINUED)

△4

8. ADDITIONAL TREE PLANTING RECOMMENDATIONS PER TREE INVENTORY AND PROTECTION PLAN (RINCON 2025)
   - A. TREES (PARTICULARLY OAKS) SHOULD BE PLANTED OUTSIDE THE TREE PROTECTION ZONE OF EXISTING PROTECTED TREES AND DRIPLINE OF THE OTHER TREES, TO THE EXTENT FEASIBLE.
   - B. REPLACEMENT TREES SHOULD BE INSPECTED BY A HORTICULTURIST, ARBORIST, OR PROFESSIONAL LANDSCAPER FOR PESTS, DISEASE, OR STRUCTURAL ISSUES PRIOR TO PLANTING.
   - C. PLANTING HOLES SHOULD BE AT LEAST TWICE THE DIAMETER AND THE SAME DEPTH AS THE ROOT BALL. SLIGHTLY BACKFILL THE HOLE AND PLANT THE TREE SO THAT THE BUTTRESS IS SLIGHTLY ABOVE GRADE TO ALLOW FOR SETTLING. PLANTED TREES WILL NOT SURVIVE IF THEY ARE PLANTED TOO DEEP.
   - D. CREATE A TREE WELL APPROXIMATELY 2 TO 3 FEET AROUND EACH TREE TO RETAIN IRRIGATION WATER THROUGHOUT THE MONITORING PERIOD.
   - E. SUPPORT STAKES SHOULD BE INSTALLED AS NEEDED TO PREVENT TREES FROM FALLING OVER DUE TO HIGH WINDS AND REMOVED AS SOON AS IT IS DETERMINED THAT THE TREE HAS ESTABLISHED A SUPPORTIVE ROOT STRUCTURE.
   - F. NATIVE TREES SHOULD BE PRUNED BACK ONLY TO REMOVE BROKEN LIMBS OR DEAD WOOD. IT MAY BE NECESSARY AFTER THE FIRST YEAR TO CONDUCT CORRECTIVE PRUNING TO HELP TRAIN OR BALANCE THE INDIVIDUAL TREE CROWNS. OTHERWISE, PRUNING SHOULD NOT BE PERFORMED. INDUSTRY STANDARD ARBORIST PRUNING PRACTICES SHOULD BE FOLLOWED FOR ALL PRUNING ACTIVITIES. OAK TREE PRUNING SHOULD OCCUR DURING COOL WEATHER CONDITIONS, TYPICALLY FROM MID-NOVEMBER TO MID-FEBRUARY TO PREVENT TREE STRESS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	102	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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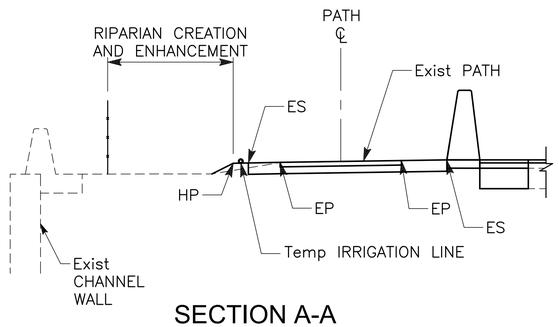
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

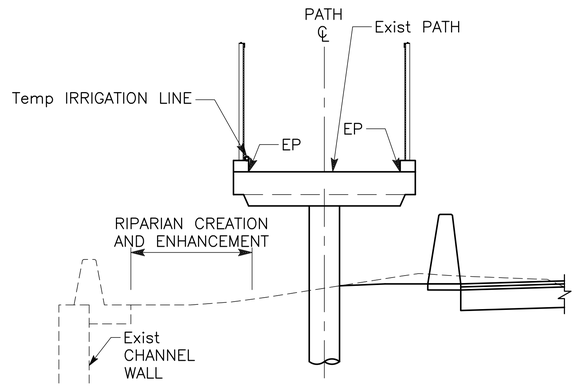
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RIPARIAN CREATION/ENHANCEMENT (0.38 ACRES)

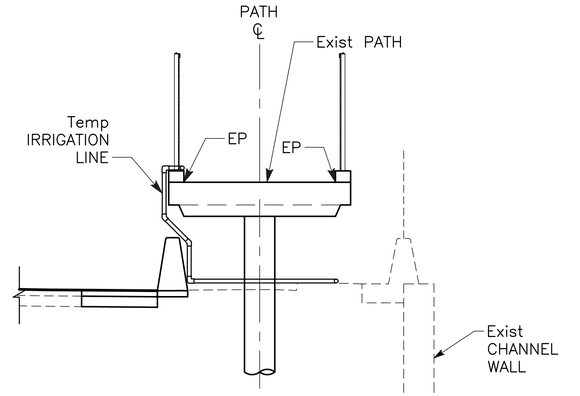
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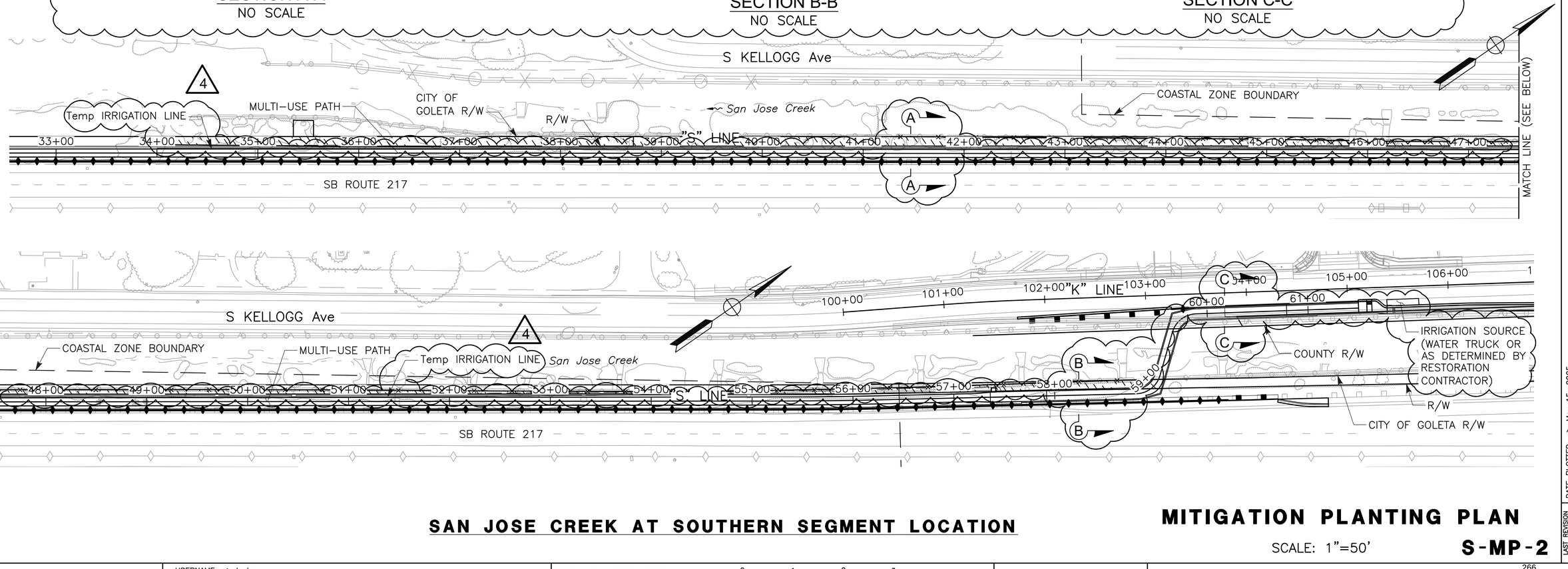
SECTION A-A
NO SCALE



SECTION B-B
NO SCALE



SECTION C-C
NO SCALE



SAN JOSE CREEK AT SOUTHERN SEGMENT LOCATION

MITIGATION PLANTING PLAN

SCALE: 1"=50'

S-MP-2

REVISED BY	DATE REVISED
CL	5/15/25 △ ADDENDUM 4

CHRISTIAN LAYTON — CALCULATED-DESIGNED BY
JOSE SILVA — CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 3:41 pm

u:\19007 – sj creek bike path so extent 2019-023 – ci goleta\400 project design files\420 roadway & civil\Plans\SE-R-MP1-MP6.dwg, 5/15/2025 3:41 PM

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SE-R-MP1-MP6.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	103	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DEVEREUX CREEK AT ELLWOOD MESA
MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023)

1. INSTALLATION AND MAINTENANCE ACTIVITIES WILL BE PERFORMED BY A QUALIFIED AND CITY–APPROVED RESTORATION CONTRACTOR UNDER THE DIRECTION OF THE CITY–APPROVED RESTORATION BIOLOGIST PER THE MITIGATION PLAN FOR THE SAN JOSE CREEK MULTI–PURPOSE PATH–NORTHERN AND SOUTHERN SEGMENTS (RINCON, NOVEMBER 2023), AS WELL AS THE RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION (RINCON 2024).

2. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED IN THE FIELD BY THE CITY–APPROVED RESTORATION BIOLOGIST.

3. MITIGATION APPROACH
   A. ENHANCEMENT OF 0.08 ACRE OF MARSH WETLAND WILL OCCUR ALONG DEVEREUX CREEK AT THE EASTERN EDGE OF THE ELLWOOD MESA OPEN SPACE PRESERVE. THE EXACT LAYOUT OF THIS SITE MIGHT CHANGE SLIGHTLY AS THE CITY IS PLANNING FOR A SMALL PEDESTRIAN FOOT BRIDGE IN THIS GENERAL AREA AND THE EXACT LOCATION IS UNKNOWN AT THIS TIME. IN ADDITION, MINOR GRADING MAY BE NEEDED TO RESTORE BETTER FLOW AND FUNCTION TO THE AREA CHOSEN. HERBS AND SELECT SHRUBS WILL BE INSTALLED AS 1–GALLON OR 4–INCH CONTAINERS AT 5–FOOT SPACING. THESE QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS. SEE TABLE ON THE RIGHT FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS AND FURTHER COORDINATION WITH MONARCH BIOLOGISTS TO DESIGN THE NATIVE PLANT PERIMETER AROUND THE EUCALYPTUS GROVE. NON–NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

4. SOURCE OF PLANT MATERIALS
   A. A QUALIFIED NATIVE NURSERY IN COORDINATION WITH THE CITY–APPROVED RESTORATION BIOLOGIST WILL GATHER PLANT STOCK, E.G., SEEDS AND CUTTINGS. THE NATIVE PLANT MATERIAL USED FOR REVEGETATION WILL PRIMARILY BE COLLECTED FROM THE SAN JOSE CREEK AND DEVEREUX CREEK WATERSHEDS. IF SUFFICIENT PLANT MATERIAL CANNOT BE COLLECTED FROM THIS AREA ALONE, PLANT MATERIAL FROM THE SANTA BARBARA COAST SOUTH OF THE SANTA YNEZ MOUNTAINS BETWEEN CARPINTERIA AND GAVIOTA WILL BE USED.

5. SITE PREPARATION
   A. PRIOR TO PLANT INSTALLATION, A QUALIFIED CITY–APPROVED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL REMOVE NON–NATIVE PLANTS AT THE MITIGATION SITES. NON–NATIVE PLANTS WILL BE REMOVED PRIMARILY USING HAND REMOVAL METHODS, SUCH AS HAND–HELD WEED WHIPS, LOPPERS, AND HOES. IF HAND REMOVAL IS NOT FEASIBLE DUE TO SPECIES RESISTANCE TO HAND REMOVAL METHODS, THE SIZE OF THE PLANT, OR THE NUMBER OF PLANTS, PERENNIAL INVASIVE NON–NATIVE SPECIES MAY BE TREATED WITH HERBICIDES IN ACCORDANCE WITH SECTION 2.1.4 OF THE MITIGATION PLAN.
   B. VEGETATION WITH POTENTIAL TO CONTAIN BIRD NESTS WILL NOT BE REMOVED DURING THE BREEDING BIRD SEASON (APPROXIMATELY FEBRUARY 1 THROUGH AUGUST 31) UNLESS A CITY–APPROVED BIOLOGIST DETERMINES THAT IT DOES NOT CONTAIN ACTIVE BIRD NESTS.
   C. IF DEEMED NECESSARY, THE RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL EROSION CONTROL MATERIALS PER SECTION 2.1.7 OF THE MITIGATION PLAN, ALTHOUGH PROBLEMATIC EROSIONAL ISSUES ARE NOT EXPECTED TO OCCUR AS THERE ARE NO ISSUES PRESENTLY ON–SITE. EROSION CONTROL DEVICES MAY INCLUDE HAY BALES AT THE BASE OF SLOPES, JUTE NETTING, COCONUT FIBER MATS, FIBER ROLLS, AND/OR STRAW WATTLE. EROSION CONTROL MATERIALS CONTAINING PLASTICS WILL NOT BE USED DUE TO THE HAZARDS THEY POSE TO WILDLIFE. EROSION CONTROL MATERIALS SHALL BE WEED FREE.
   D. THE IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED BY THE RESTORATION CONTRACTOR, WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST, PER THE SPECIFICATIONS NOTED BELOW AND PER THE MITIGATION PLAN.

6. PLANT INSTALLATION METHODS
   A. A QUALIFIED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL PLANTS TO COINCIDE WITH THE FIRST MAJOR WINTER STORM (APPROXIMATELY OCTOBER TO DECEMBER) WHEN SOIL CONDITIONS ARE MOIST. THE CITY–APPROVED RESTORATION BIOLOGIST WILL DETERMINE PRECISE PLANTING LOCATIONS IN THE FIELD.
   B. HOLES FOR THE 1–GAL CONTAINER PLANTS WILL BE DUG BY HAND USING A SHOVEL, HANG AUGER, OR SIMILAR DEVICE. CARE WILL BE TAKEN NOT TO DISTURB THE ROOT BALL, STEMS, OR BRANCHES WHEN INSTALLING EACH CONTAINER PLANT. THE SOIL WILL BE BACKFILLED SO AS NOT TO LEAVE ANY AIR SPACES AROUND THE CONTAINER PLANT SOIL AND ROOTS. PLANTING PITS WILL BE BACKFILLED WITH NATIVE SOIL SO THAT THE SOIL SURFACE OF THE CONTAINER PLANT IS LEVEL WITH THE GROUND. IF SOIL CONDITIONS INDICATE THAT SOIL AMENDMENTS SUCH AS BIOCHAR, MYCORRHIZAE INOCULUM, OR SIMILAR IS NEEDED, THEY WILL BE EMPLOYED.
   C. AFTER INSTALLATION, MULCH WILL BE PLACED AROUND EACH PLANT TO PREVENT NON–NATIVE PLANTS FROM ESTABLISHING AND TO HELP INCREASE SOIL MOISTURE. MULCH WILL BE PLACED AROUND EACH CONTAINER PLANT AT A DEPTH OF 2 TO 3 INCHES. MULCH WILL BE PLACED IN A 1–FOOT RADIUS. BARK MULCH ORIGINATING FROM SANTA BARBARA, SUCH AS MULCH AVAILABLE FROM THE COUNTY'S SOUTH COAST RECYCLING AND TRANSFER STATION, MAY BE ACQUIRED AS NEEDED. MULCH SHOULD BE ORGANIC, AND MULCH DERIVED FROM EUCALYPTUS SPECIES SHALL BE AVOIDED UNLESS IT HAS BEEN CURED FOR A SUBSTANTIAL AMOUNT OF TIME. ALL PURCHASED MULCH WILL BE FREE OF ARGENTINE ANTS.
   D. EACH CONTAINER PLANT WILL BE IMMEDIATELY WATERED UNTIL SOIL SATURATION IS REACHED BY A DRIP EMITTER SYSTEM IF FEASIBLE OR BY HAND IF WATER CONNECTIONS ARE NOT AVAILABLE. LONG TERM IRRIGATION WILL BE APPLIED AS DESCRIBED IN SECTION 2.3.3 OF THE MITIGATION PLAN.

7. IRRIGATION (4)
   A. THE IRRIGATION SOURCE WILL BE A TEMPORARY PRESSURIZED WATER TANK OR WATER TRUCK STAGED AT THE SOUTHERN TERMINUS OF THE DIRT ACCESS ROAD THAT BEGINS AT THE SOUTHERN TERMINUS OF ELLWOOD BEACH DRIVE, OR AS DETERMINED BY THE RESTORATION CONTRACTOR. A TEMPORARY ABOVE GROUND IRRIGATION SYSTEM WILL BE INSTALLED THROUGHOUT THE MITIGATION SITES AS FEASIBLE. THE IRRIGATION SYSTEM WILL BE SET UP TO TARGET INDIVIDUAL PLANTS VIA DRIP EMITTERS AND WILL AVOID WATERING IN BETWEEN THE PLANTS TO HELP PREVENT THE GROWTH OF NON–NATIVES. THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATED CONTROLLERS, AND WILL BE WEATHER SENSOR COMPATIBLE. PRIMARY LINES WILL BE OF 2–INCH–DIAMETER SCHEDULE (OR LARGER DIAMETER IF NECESSARY BY THE RESTORATION CONTRACTOR) 40 POLYVINYL CHLORIDE (PVC).
   B. THE RESTORATION CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING THE WATER FOR IRRIGATION
   C. THE CITY–APPROVED RESTORATION BIOLOGIST WILL ESTABLISH AN IRRIGATION SCHEDULE IN CONJUNCTION WITH THE QUALIFIED RESTORATION CONTRACTOR. IRRIGATION WILL BE SCHEDULED TO MAXIMIZE GROWTH OF NATIVE SPECIES AND WILL ACCOUNT FOR NATURAL RAINFALL, WHILE MINIMIZING GROWTH OF INVASIVE NON–NATIVE PLANTS. GENERALLY, IF IRRIGATION IS NEEDED, IT WILL BE PROVIDED TO A GREATER EXTENT DURING THE GROWING SEASON (WINTER AND SPRING) TO MIMIC SEASONAL WEATHER PATTERNS, WITH MINIMAL IRRIGATION PROVIDED AS NEEDED DURING THE SUMMER AND FALL TO KEEP PLANTS ALIVE.

NATIVE PLANT PALETTE - DEVEREUX CREEK AT ELLWOOD MESA

Scientific Name	Common Name	Quantity[1]
Shrubs		
Atriplex lentiformis	quailbush	7
Isocoma menziesii	coast goldenbush	7
Subtotal		**14**
Grasses and Forbs		
Anemopsis californica	yerba mansa	11
Ambrosia psilostachya var. californica	Western ragweed	11
Carex barbarae	Santa Barbara sedge	11
Cyperus eragrostis	umbrella-sedge	11
Distichlis spicata	saltgrass	11
Eleocharis macrostachya	common spikerush	11
Frankenia salina	alkali heath	11
Hordeum brachyantherum subsp. *californicum*	California barley	11
Jaumea carnosa	fleshy jaumea	11
Juncus patens	common California rush	11
Juncus phaeocephalus	brown-headed rush	11
Paspalum distichum	knot grass	11
Schoenoplectus acutus	hardstem bulrush	4
Subtotal		**125**
Total		**139**

TBD = To be determined

[1] Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

MITIGATION PLANTING PLAN

S-MP-3

CALCULATED–DESIGNED BY	CL	5/15/25 ADDENDUM 4	
CHECKED BY	REVISED BY	DATE REVISED	
CHRISTIAN LAYTON	JOSE SILVA		
CONSULTANT FUNCTIONAL SUPERVISOR			
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS			

u:\19007 – sj creek bike path so extent 2019–023 – ci goleta\400 project design files\420 roadway & civil\Plans\SE–R–MP1–MP6.dwg, 5/15/2025 3:41 PM

LAST REVISION 03-14-25
DATE PLOTTED => May 15, 2025
TIME PLOTTED => 3:41 pm

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE–R–MP1–MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	104	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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RANCHO CORDOVA, CA 95670

4

OLD SAN JOSE CREEK AT EKWILL STREET
MITIGATION PLANTING NOTES PER MITIGATION PLAN (RINCON, NOVEMBER 2023) AND TREE INVENTORY AND PROTECTION PLAN (RINCON, FEBRUARY 2025)

1. INSTALLATION AND MAINTENANCE ACTIVITIES WILL BE PERFORMED BY A QUALIFIED AND CITY–APPROVED RESTORATION CONTRACTOR UNDER THE DIRECTION OF THE CITY–APPROVED RESTORATION BIOLOGIST PER THE MITIGATION PLAN FOR THE SAN JOSE CREEK MULTI–PURPOSE PATH – NORTHERN AND SOUTHERN SEGMENTS (RINCON, NOVEMBER 2023), AS WELL AS THE RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION (RINCON 2024).

2. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED IN THE FIELD BY THE CITY–APPROVED RESTORATION BIOLOGIST.

3. MITIGATION APPROACH

A. RE–ESTABLISHMENT OF 0.58 ACRE OF RIPARIAN WOODLAND WILL OCCUR ALONG OLD SAN JOSE CREEK IN TWO SECTIONS, CITY–OWNED PROPERTY TO THE EAST AND CITY ROW TO WEST. UP TO 150 RIPARIAN TREES WILL BE INSTALLED AS 1–GALLON CONTAINERS OR ½–GALLON TREE TUBES AT 10–FOOT SPACING. HERBS AND SHRUBS WILL BE INSTALLED AS 1–GALLON OR 4–INCH CONTAINERS AT 5–FOOT SPACING. IN COORDINATION WITH A MONARCH BIOLOGIST, THE CITY–APPROVED RESTORATION BIOLOGIST WILL TAKE SPECIAL CARE TO INSTALL A NATIVE PLANTING "PERIMETER" AROUND THE EXISTING EUCALYPTUS HABITAT TO HELP PROTECT THE GROVE AND PROVIDE A WIND BUFFER FOR THE MONARCHS. SEE TABLE ON S–M–4 FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY AND SITE CONDITIONS AND FURTHER COORDINATION WITH MONARCH BIOLOGISTS TO DESIGN THE NATIVE PLANT PERIMETER AROUND THE EUCALYPTUS GROVE. NON–NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

B. ENHANCEMENT OF 0.87 ACRE OF RIPARIAN WOODLAND WILL OCCUR ALONG OLD SAN JOSE CREEK IN ONE SECTION, CITY–OWNED PROPERTY TO THE EAST AND CITY ROW TO WEST. THE EUCALYPTUS GROVE THAT COMPRISES THIS SECTION OF THE MITIGATION SITE WILL BE RESTORED SPECIFICALLY FOR MONARCHS. IN COORDINATION WITH A MONARCH BIOLOGIST, THE CITY–APPROVED RESTORATION BIOLOGIST WILL TAKE SPECIAL CARE TO INSTALL A NATIVE PLANTING "PERIMETER" AROUND THE EXISTING EUCALYPTUS HABITAT TO HELP PROTECT THE GROVE AND PROVIDE A WIND BUFFER FOR THE MONARCHS. NO TREES OR LARGE SHRUBS WILL BE INSTALLED WITHIN THE EUCALYPTUS GROVE TO AVOID INADVERTENTLY NEGATIVELY AFFECTING THE MID–STORY AND OVERSTORY CANOPY OF THE EXISTING EUCALYPTUS TREES. HERBS AND SHRUBS WILL BE INSTALLED AS 1–GALLON OR 4–INCH CONTAINERS AT 5–FOOT SPACING. SEE TABLE FOR THE NATIVE PLANT PALETTE. THESE SPECIES AND QUANTITIES ARE GENERAL GUIDELINES AND ARE SUBJECT TO CHANGE BASED ON AVAILABILITY FROM THE NURSERY, SITE CONDITIONS, AND FURTHER COORDINATION WITH MONARCH BIOLOGISTS TO DESIGN THE NATIVE PLANT PERIMETER AROUND THE EUCALYPTUS GROVE. NON–NATIVE PLANTS WILL BE REMOVED THROUGHOUT THE AREA AS DESCRIBED IN SECTION 2.3.2 OF THE MITIGATION PLAN.

4. SOURCE OF PLANT MATERIALS

A. A QUALIFIED NATIVE NURSERY IN COORDINATION WITH THE CITY–APPROVED RESTORATION BIOLOGIST WILL GATHER PLANT STOCK, E.G., SEEDS AND CUTTINGS. THE NATIVE PLANT MATERIAL USED FOR REVEGETATION WILL PRIMARILY BE COLLECTED FROM THE SAN JOSE CREEK AND DEVEREUX CREEK WATERSHEDS. IF SUFFICIENT PLANT MATERIAL CANNOT BE COLLECTED FROM THIS AREA ALONE, PLANT MATERIAL FROM THE SANTA BARBARA COAST SOUTH OF THE SANTA YNEZ MOUNTAINS BETWEEN CARPINTERIA AND GAVIOTA WILL BE USED.

5. SITE PREPARATION

A. PRIOR TO PLANT INSTALLATION, A QUALIFIED CITY–APPROVED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL REMOVE NON–NATIVE PLANTS AT THE MITIGATION SITES. NON–NATIVE PLANTS WILL BE REMOVED PRIMARILY USING HAND REMOVAL METHODS, SUCH AS HAND–HELD WEED WHIPS, LOPPERS, AND HOES. IF HAND REMOVAL IS NOT FEASIBLE DUE TO SPECIES RESISTANCE TO HAND REMOVAL METHODS, THE SIZE OF THE PLANT, OR THE NUMBER OF PLANTS, PERENNIAL INVASIVE NON–NATIVE SPECIES MAY BE TREATED WITH HERBICIDES IN ACCORDANCE WITH SECTION 2.1.4 OF THE MITIGATION PLAN.

B. SEVERAL BLACK LOCUSTS AT OLD SAN JOSE CREEK AT EKWILL STREET WILL NEED TO BE REMOVED/TREATED PRIOR TO RESTORATION INSTALLATION, PER THE MITIGATION PLAN. DEPENDENT UPON THE CITY'S NEED FOR SAFETY OR PROTECTING NATIVE PLANTS THAT MAY BE PRESENT AT EITHER SITE, THE TREES MAY BE REMOVED OR GIRDLED AND LEFT IN PLACE. FOR THOSE TREES THAT CAN BE REMOVED, STUMP GRINDING OR SIMILAR METHOD WILL BE USED TO REMOVE MOST OF THE TRUNK TO GROUND LEVEL OR TO 6–12 INCHES BELOW GROUND LEVEL IF POSSIBLE. HOLES WILL THEN BE MADE MECHANICALLY WITHIN THE ROOT ZONE TO ALLOW FOR NATIVE PLANTS TO BE INSTALLED. IF THE STUMP CAN BE REMOVED TO 6–12 INCHES BELOW GROUND LEVEL, SOIL WILL BE PLACED IN THE HOLE AND PLANTS WILL BE INSTALLED THERE AS WELL. TREES MAY BE CHIPPED ON–SITE, AND CHIPPED TREES MAY BE USED AS MULCH AFTER THEY HAVE DRIED OUT. FOR THOSE TREES THAT CAN BE GIRDLED, GIRDLING WILL OCCUR BY REMOVING THE BARK AROUND THE ENTIRE CIRCUMFERENCE OF THE TRUNK, THEREBY PREVENTING TRANSPORT OF WATER AND NUTRIENTS, AND KILLING THE TREE. THESE TREES WILL BE LEFT IN PLACE TO MINIMIZE ANY FURTHER DISTURBANCE TO NATIVE PLANTS THAT WOULD RESULT FROM REMOVAL, TO PROVIDE HABITAT FOR NESTING BIRDS AND OTHER WILDLIFE AS THEY DECAY, AND TO PROVIDE EVENTUAL STRUCTURE IN THE CREEK BOTTOM ONCE THEY BREAK DOWN (A HABITAT VALUE THAT IS CURRENTLY LACKING IN THE CREEK).

C. VEGETATION WITH POTENTIAL TO CONTAIN BIRD NESTS WILL NOT BE REMOVED DURING THE BREEDING BIRD SEASON (APPROXIMATELY FEBRUARY 1 THROUGH AUGUST 31) UNLESS A CITY–APPROVED BIOLOGIST DETERMINES THAT IT DOES NOT CONTAIN ACTIVE BIRD NESTS. TREE REMOVAL WILL NOT OCCUR DURING THE MONARCH BUTTERFLY AGGREGATION SEASON (APPROXIMATELY OCTOBER 1 THROUGH MARCH 31) IF AGGREGATING MONARCHS ARE PRESENT.

D. IF DEEMED NECESSARY, THE RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL EROSION CONTROL MATERIALS PER SECTION 2.1.7 OF THE MITIGATION PLAN, ALTHOUGH PROBLEMATIC EROSIONAL ISSUES ARE NOT EXPECTED TO OCCUR AS THERE ARE NO ISSUES PRESENTLY ON–SITE. EROSION CONTROL DEVICES MAY INCLUDE HAY BALES AT THE BASE OF SLOPES, JUTE NETTING, COCONUT FIBER MATS, FIBER ROLLS, AND/OR STRAW WATTLE. EROSION CONTROL MATERIALS CONTAINING PLASTICS WILL NOT BE USED DUE TO THE HAZARDS THEY POSE TO WILDLIFE. EROSION CONTROL MATERIALS SHALL BE WEED FREE.

E. THE IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED BY THE RESTORATION CONTRACTOR, WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST, PER THE SPECIFICATIONS NOTED BELOW AND PER THE MITIGATION PLAN.

6. ~~4.~~ PLANT INSTALLATION METHODS 4

A. A QUALIFIED RESTORATION CONTRACTOR WITH OVERSIGHT BY THE CITY–APPROVED RESTORATION BIOLOGIST WILL INSTALL PLANTS TO COINCIDE WITH THE FIRST MAJOR WINTER STORM (APPROXIMATELY OCTOBER TO DECEMBER) WHEN SOIL CONDITIONS ARE MOIST. THE CITY–APPROVED RESTORATION BIOLOGIST WILL DETERMINE PRECISE PLANTING LOCATIONS IN THE FIELD.

B. HOLES FOR THE 1–GAL CONTAINER PLANTS WILL BE DUG BY HAND USING A SHOVEL, HANG AUGER, OR SIMILAR DEVICE. CARE WILL BE TAKEN NOT TO DISTURB THE ROOT BALL, STEMS, OR BRANCHES WHEN INSTALLING EACH CONTAINER PLANT. THE SOIL WILL BE BACKFILLED SO AS NOT TO LEAVE ANY AIR SPACES AROUND THE CONTAINER PLANT SOIL AND ROOTS. PLANTING PITS WILL BE BACKFILLED WITH NATIVE SOIL SO THAT THE SOIL SURFACE OF THE CONTAINER PLANT IS LEVEL WITH THE GROUND. IF SOIL CONDITIONS INDICATE THAT SOIL AMENDMENTS SUCH AS BIOCHAR, MYCORRHIZAE INOCULUM, OR SIMILAR IS NEEDED, THEY WILL BE EMPLOYED.

C. AFTER INSTALLATION, MULCH WILL BE PLACED AROUND EACH PLANT TO PREVENT NON–NATIVE PLANTS FROM ESTABLISHING AND TO HELP INCREASE SOIL MOISTURE. MULCH WILL BE PLACED AROUND EACH CONTAINER PLANT AT A DEPTH OF 2 TO 3 INCHES. MULCH WILL BE PLACED IN A 1–FOOT RADIUS. BARK MULCH ORIGINATING FROM SANTA BARBARA, SUCH AS MULCH AVAILABLE FROM THE COUNTY'S SOUTH COAST RECYCLING AND TRANSFER STATION, MAY BE ACQUIRED AS NEEDED. MULCH SHOULD BE ORGANIC, AND MULCH DERIVED FROM EUCALYPTUS SPECIES SHALL BE AVOIDED UNLESS IT HAS BEEN CURED FOR A SUBSTANTIAL AMOUNT OF TIME. ALL PURCHASED MULCH WILL BE FREE OF ARGENTINE ANTS.

D. EACH CONTAINER PLANT WILL BE IMMEDIATELY WATERED UNTIL SOIL SATURATION IS REACHED BY A DRIP EMITTER SYSTEM IF FEASIBLE OR BY HAND IF WATER CONNECTIONS ARE NOT AVAILABLE. LONG TERM IRRIGATION WILL BE APPLIED AS DESCRIBED IN SECTION 2.3.3 OF THE MITIGATION PLAN.

4

7. IRRIGATION

A. THE CITY OF GOLETA WILL SUPPLY THE WATER FOR IRRIGATION AND DESIGNATE THE WATER SOURCE. THE IRRIGATION SOURCE WILL BE THE PERMANENT HOOKUP/RISER FOR THE CITY'S IRRIGATION LINES THAT WILL BE BUILT AS PART OF THE ADJACENT EKWILL STREET AND FOWLER ROAD IMPROVEMENT PROJECT, WHICH WILL BE LOCATED TO THE SOUTH OF THE EASTERN END OF THE MITIGATION SITE. TO REACH THE NORTHERN BANK OF OLD SAN JOSE CREEK, THE PRIMARY LINE WILL NEED TO BE TEMPORARILY INSTALLED NEAR THE EDGE OF THE SIDEWALK AND ATOP THE CULVERT CROSSING AT PINE AVENUE AT THE WESTERN TERMINUS OF THE MITIGATION SITE.

B. A TEMPORARY ABOVE GROUND IRRIGATION SYSTEM WILL BE INSTALLED THROUGHOUT THE MITIGATION SITES AS FEASIBLE. THE IRRIGATION SYSTEM WILL BE SET UP TO TARGET INDIVIDUAL PLANTS VIA DRIP EMITTERS AND WILL AVOID WATERING IN BETWEEN THE PLANTS TO HELP PREVENT THE GROWTH OF NON–NATIVES. THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATED CONTROLLERS, AND WILL BE WEATHER SENSOR COMPATIBLE. PRIMARY LINES WILL BE OF 1–INCH–DIAMETER SCHEDULE (OR LARGER DIAMETER IF DEEMED NECESSARY BY THE RESTORATION CONTRACTOR) 40 POLYVINYL CHLORIDE (PVC).

C. THE CITY–APPROVED RESTORATION BIOLOGIST WILL ESTABLISH AN IRRIGATION SCHEDULE IN CONJUNCTION WITH THE QUALIFIED RESTORATION CONTRACTOR. IRRIGATION WILL BE SCHEDULED TO MAXIMIZE GROWTH OF NATIVE SPECIES AND WILL ACCOUNT FOR NATURAL RAINFALL, WHILE MINIMIZING GROWTH OF INVASIVE NON–NATIVE PLANTS. GENERALLY, IF IRRIGATION IS NEEDED, IT WILL BE PROVIDED TO A GREATER EXTENT DURING THE GROWING SEASON (WINTER AND SPRING) TO MIMIC SEASONAL WEATHER PATTERNS, WITH MINIMAL IRRIGATION PROVIDED AS NEEDED DURING THE SUMMER AND FALL TO KEEP PLANTS ALIVE.

8. ADDITIONAL TREE PLANTING RECOMMENDATIONS PER TREE INVENTORY AND PROTECTION PLAN (RINCON 2025)

A. TREES (PARTICULARLY OAKS) SHOULD BE PLANTED OUTSIDE THE TREE PROTECTION ZONE OF EXISTING PROTECTED TREES AND DRIPLINE OF THE OTHER TREES, TO THE EXTENT FEASIBLE.

B. REPLACEMENT TREES SHOULD BE INSPECTED BY A HORTICULTURIST, ARBORIST, OR PROFESSIONAL LANDSCAPER FOR PESTS, DISEASE, OR STRUCTURAL ISSUES PRIOR TO PLANTING.

C. PLANTING HOLES SHOULD BE AT LEAST TWICE THE DIAMETER AND THE SAME DEPTH AS THE ROOT BALL. SLIGHTLY BACKFILL THE HOLE AND PLANT THE TREE SO THAT THE BUTTRESS IS SLIGHTLY ABOVE GRADE TO ALLOW FOR SETTLING. PLANTED TREES WILL NOT SURVIVE IF THEY ARE PLANTED TOO DEEP.

D. CREATE A TREE WELL APPROXIMATELY 2 TO 3 FEET AROUND EACH TREE TO RETAIN IRRIGATION WATER THROUGHOUT THE MONITORING PERIOD.

E. SUPPORT STAKES SHOULD BE INSTALLED AS NEEDED TO PREVENT TREES FROM FALLING OVER DUE TO HIGH WINDS AND REMOVED AS SOON AS IT IS DETERMINED THAT THE TREE HAS ESTABLISHED A SUPPORTIVE ROOT STRUCTURE.

F. NATIVE TREES SHOULD BE PRUNED BACK ONLY TO REMOVE BROKEN LIMBS OR DEAD WOOD. IT MAY BE NECESSARY AFTER THE FIRST YEAR TO CONDUCT CORRECTIVE PRUNING TO HELP TRAIN OR BALANCE THE INDIVIDUAL TREE CROWNS. OTHERWISE, PRUNING SHOULD NOT BE PERFORMED. INDUSTRY STANDARD ARBORIST PRUNING PRACTICES SHOULD BE FOLLOWED FOR ALL PRUNING ACTIVITIES. OAK TREE PRUNING SHOULD OCCUR DURING COOL WEATHER CONDITIONS, TYPICALLY FROM MID–NOVEMBER TO MID–FEBRUARY TO PREVENT TREE STRESS.

MITIGATION PLANTING PLAN
S-MP-4

REVISED BY	DATE REVISED
CL	5/15/25 ⚠4 ADDENDUM 4
CHRISTIAN LAYTON	JOSE SILVA

CALCULATED–DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03–14–25 | DATE PLOTTED => May 15, 2025 | TIME PLOTTED => 3:42 pm

u:\19007 – sj creek bike path so extent 2019–023 – ci goleta\400 project design files\420 roadway & civil\Plans\SE–R–MP1–MP6.dwg, 5/15/2025 3:42 PM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE–R–MP1–MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	105	159

REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — CHRISTIAN LAYTON — No. 95088 — Exp. 09-30-25 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NATIVE PLANT PALETTE - OLD SAN JOSE CREEK AT EKWILL STREET - RIPARIAN RE-ESTABLISHMENT AREAS

Scientific Name	Common Name	Quantity[1]
Riparian Trees		
Juglans californica	Southern California black walnut	20
Platanus racemosa	western sycamore	15
Populus trichocarpa	black cottonwood	50
Quercus agrifolia	coast live oak	20
Salix lasiolepis	arroyo willow	30
Umbellularia californica	California bay	15
Subtotal		**Up to 150**
Shrubs		
Baccharis pilularis	Coyote bush	48
Baccharis salicifolia	mulefat	51
Frangula californica	California coffeeberry	48
Heteromeles arbutifolia	toyon	48
Lonicera subspicata var. *subspicata*	Santa Barbara honeysuckle	30
Phacelia ramossisima	branching phacelia	48
Sambucus mexicana (*S. nigra*)	blue elderberry	30
Subtotal		**303**
Grasses, Forbs, and Vines		
Artemisia douglasiana	mugwort	29
Bromus carinatus	California brome	44
Carex barbarae	Santa Barbara sedge	29
Clematis ligusticifolia	creek clematis	29
Distichlis spicata	saltgrass	29
Elymus condensatus	giant wild rye	20
Elymus triticoides	alkali ryegrass	29
Euthamia occidentalis	Western goldenrod	29
Hordeum brachyantherum subsp. *californicum*	California barley	29
Juncus patens	common California rush	29
Juncus phaeocephalus	brown-headed rush	29
Juncus textilis	Basket rush	29
Juncus xiphioides	iris-leaved rush	29
Rosa californica	California rose	29
Rubus ursinus	California blackberry	29
Salvia spathacea	hummingbird sage	29
Scrophularia californica	California figwort	29
Solidago velutina subsp. *californica*	velvety goldenrod	29
Verbena lasiostachys	verbena	29
Subtotal		**557**
Total		**1,011**

TBD = To be determined

[1] Riparian trees will be installed as 1-gallon containers or ½-gallon tree tubes at 10-foot spacing. Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These species and quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

NATIVE PLANT PALETTE - OLD SAN JOSE CREEK AT EKWILL STREET - RIPARIAN RE-ESTABLISHMENT FOR MONARCH AREA

Scientific Name	Common Name	Quantity[1]
Shrubs		
Baccharis pilularis	Coyote bush	5
Eriogonum fasciculatum	California buckwheat	5
Isocoma menziesii	coastal goldenbush	5
Mimulus aurantiacus	bush monkeyflower	5
Rhus integrifolia	lemonade berry	8
Subtotal		**28**
Grasses, Forbs, and Vines		
Dichelostemma capitatum	blue dicks	13
Euthamia occidentalis	western goldenrod	13
Helianthus californicus	California sunflower	13
Solidago velutina subsp. *californica*	velvety goldenrod	13
Verbena lasiostachys var. *lasiostachys*	verbena	14
Subtotal		**66**
Total		**95**

TBD = To be determined

[1] Herbs and shrubs will be installed as 1-gallon or 4-inch containers at 5-foot spacing. These species and quantities are general guidelines and are subject to change based on availability from the nursery and site conditions.

SHEET 186 OF 262

MITIGATION PLANTING PLAN
S-MP-5

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-MP1-MP6.dwg, 3/13/2025 7:45 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS | CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA | CALCULATED-DESIGNED BY: CHRISTIAN LAYTON | CHECKED BY: JOSE SILVA | REVISED BY | DATE REVISED

DATE PLOTTED => Mar 13, 2025
TIME PLOTTED => 7:45 pm
LAST REVISION 03-14-25

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-MP1-MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	106	159

03-14-25
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
CHRISTIAN LAYTON
No. 95088
Exp. 09-30-25
STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

LEGEND:

SALT MARSH WETLAND ENHANCEMENT (0.08 ACRES)

FUTURE RIPARIAN MITIGATION



DEVEREUX SLOUGH - ELLWOOD MESA

LEGEND:

RIPARIAN RE-ESTABLISHEMENT (0.58 ACRES)

RIPARIAN ENHANCEMENT FOR MONARCHS (0.87 ACRES)

FUTURE RIPARIAN MITIGATION



OLD SAN JOSE CREEK - EKWILL STREET

MITIGATION PLANTING PLAN

SCALE: 1"=80'

S-MP-6

LAST REVISION	DATE PLOTTED => May 15, 2025
03-14-25	TIME PLOTTED => 3:42 pm

REVISED BY	DATE REVISED
CL	5/15/25 ADDENDUM 4

CALCULATED-DESIGNED BY: CHRISTIAN LAYTON
CHECKED BY: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

u:\19007 - sj creek bike path so extent 2019-023 - ci goleta\400 project design files\420 roadway & civil\Plans\SE-R-MP1-MP6.dwg, 5/15/2025 3:42 PM

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SE-R-MP1-MP6.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.2	107	158

REGISTERED CIVIL ENGINEER — 03/14/25 DATE

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/26 — CIVIL — STATE OF CALIFORNIA

March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE DONE IN CONFORMANCE WITH THE CITY OF GOLETA STANDARDS, THE 2023 CALTRANS STANDARD PLANS AND SPECIFICATIONS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE ENGINEER IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL REMEDIAL ACTION CAN BE TAKEN. ANY COSTS RESULTING FROM THE CONTRACTOR'S FAILURE TO REPORT OR FAILURE TO STOP WORK AS DIRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL OVERHEAD AND UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL "DIG ALERT" AT 811, 2 WORKING DAYS PRIOR TO ANY EXCAVATION.
4. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION FOR FOUNDATIONS.
5. THE LOCATION OF ALL PULL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED ON THE PLAN.
7. SOLAR LIGHTING POWER CABLES SHALL BE FURNISHED BY THE SAME MANUFACTURER OF LUMINAIRE.

LEGEND:

- SolarPath GAMA–U SERIES 30 W LED TYPE III FLOOD LIGHT (MODEL No. FLA30–U–T3L–40K–GR–01) OR APPROVED EQUAL
- RRFB POLE AND EQUIPMENT
- EXISTING RRFB POLE AND EQUIPMENT
- EXISTING DECORATIVE STREET LIGHT

ABBREVIATIONS:

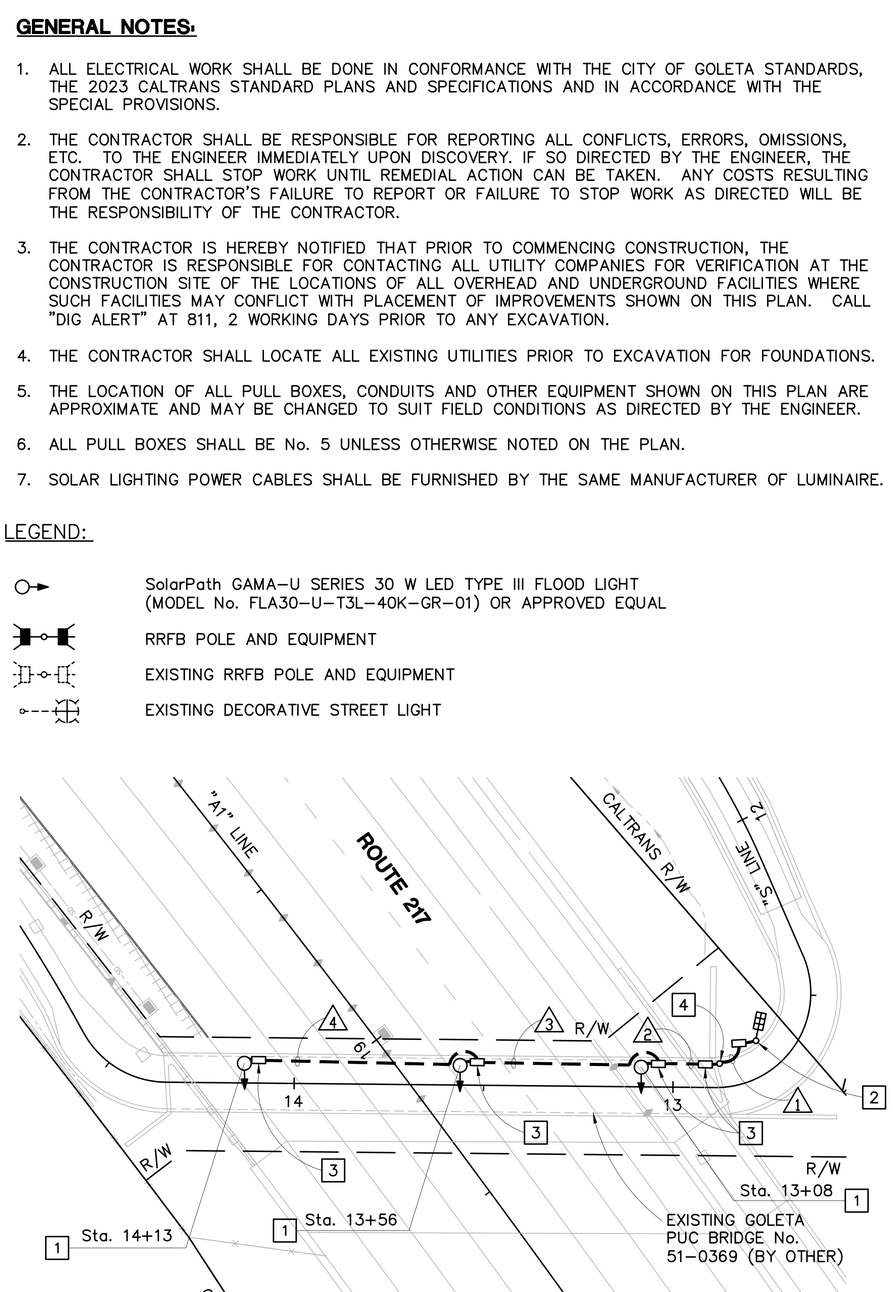
RRFB RECTANGULAR RAPID FLASHING BEACON

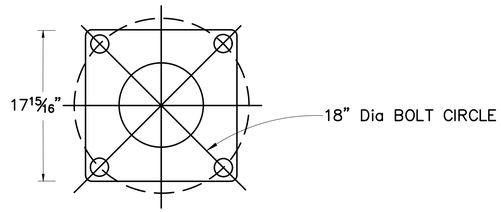
LEGEND (FOR THIS SHEET ONLY):

1. INSTALL SolarPath GAMA–U SERIES 30 W LED TYPE III FLOOD LIGHT TO CORNER OF CULVERT. SEE DETAIL A ON THIS SHEET.
2. INSTALL SolarPath 30' ALUMINUM POLE WITH SOLAR PANELS. SEE DETAIL B AND C ON THIS SHEET.
3. INSTALL SURFACE–MOUNTED OUTDOOR RATED NEMA 4X JUNCTION BOX (6" X 6" X 6").
4. INSTALL TYPE 1 CONDUIT RISER.

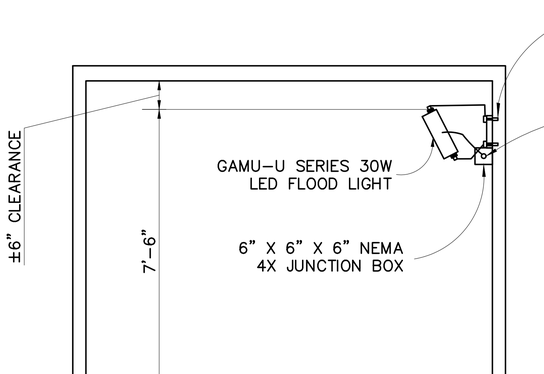
CONDUIT AND CONDUCTORS (FOR THIS SHEET ONLY):

1. 1½"C, 3 LIGHTING CABLES (3 CORE 2.5 SQ. MM UNSHIELDED MULTI CONDUCTOR CABLE).
2. 1½" TYPE 1 SURFACE–MOUNTED CONDUIT, 3 LIGHTING CABLES (3 CORE 2.5 SQ. MM UNSHIELDED MULTI CONDUCTOR CABLE).
3. 1½" TYPE 1 SURFACE–MOUNTED CONDUIT, 2 LIGHTING CABLES (3 CORE 2.5 SQ. MM UNSHIELDED MULTI CONDUCTOR CABLE).
4. 1½" TYPE 1 SURFACE–MOUNTED CONDUIT, 1 LIGHTING CABLE (3 CORE 2.5 SQ. MM UNSHIELDED MULTI CONDUCTOR CABLE).

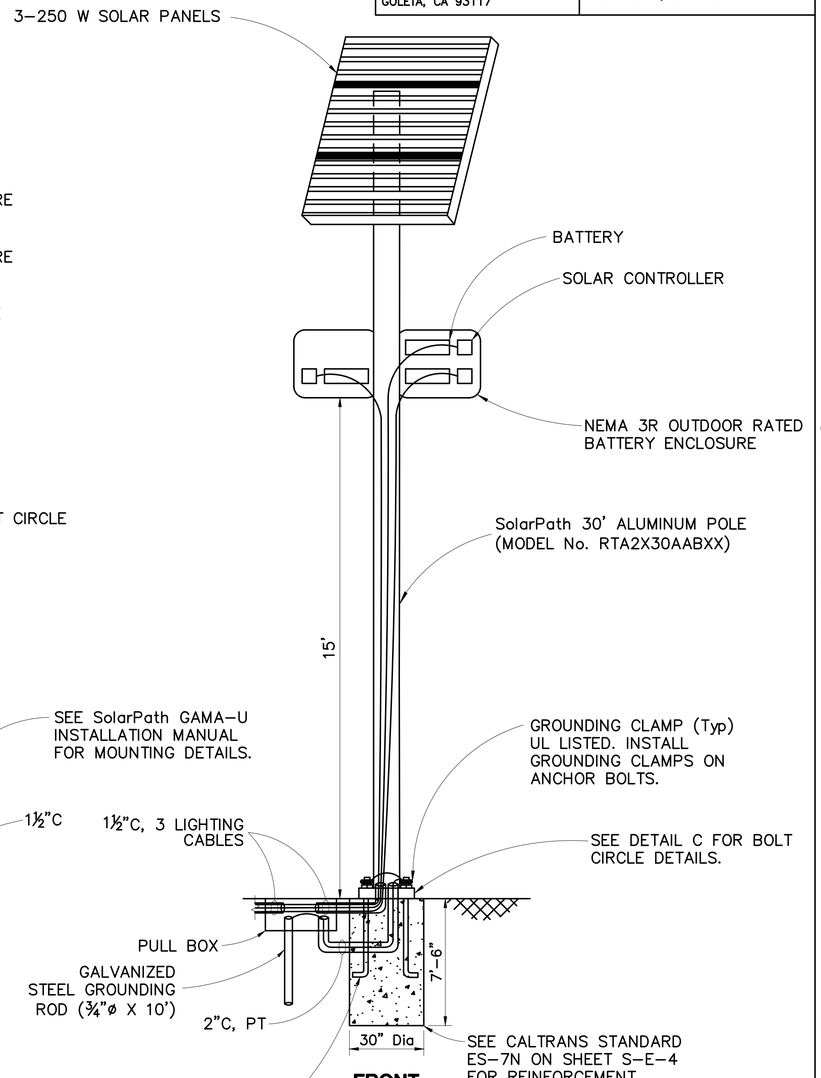




DETAIL C
NO SCALE



DETAIL A
NO SCALE



DETAIL B
NO SCALE

LIGHTING SYSTEM

SCALE: 1"=20'

SHEET 188 OF 262

S-E-1

FINAL PLANS

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 11:31 am

LAST REVISION 03–14–25

REVISED BY | DATE REVISED
ANSON HUYNH | KIN CHAN
CALCULATED–DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: DAN YAU
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

O:\Project\2019\109119 San Jose Creek Bike Path\E–1,2,3,4.dwg, 3/11/2025 11:31 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>ahuynh | DGN FILE => E–1,2,3,4.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:
SEE GENERAL NOTES ON SHEET S-E-1.

LEGEND (FOR THIS SHEET ONLY):

1 EXISTING STREET LIGHT TO REMAIN. (DONE BY EKWILL St LIGHTING PROJECT)

2 FURNISH AND INSTALL TYPE 1-B STANDARD (13') WITH RRFB ASSEMBLY. SEE DETAIL A ON THIS SHEET.

3 EXISTING TYPE 1-B STANDARD (13') WITH RRFB ASSEMBLY TO REMAIN.

EQUIPMENT SCHEDULE

NO.	STANDARD TYPE	APS ARROW	APS QUADRANT	REMARKS
(a)	EXISTING 1-B (13')	→	SOUTH	ALL EXISTING EQUIPMENT TO REMAIN.
(B)	1-B (13')	→	NORTH	SEE DETAIL A ON THIS SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.2	108	158

REGISTERED CIVIL ENGINEER — 03/14/25 DATE

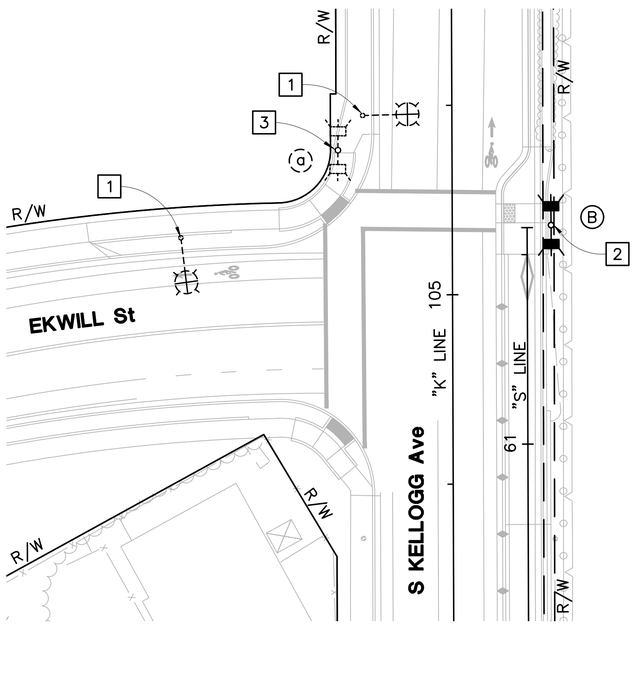
March 14, 2025
PLANS APPROVAL DATE

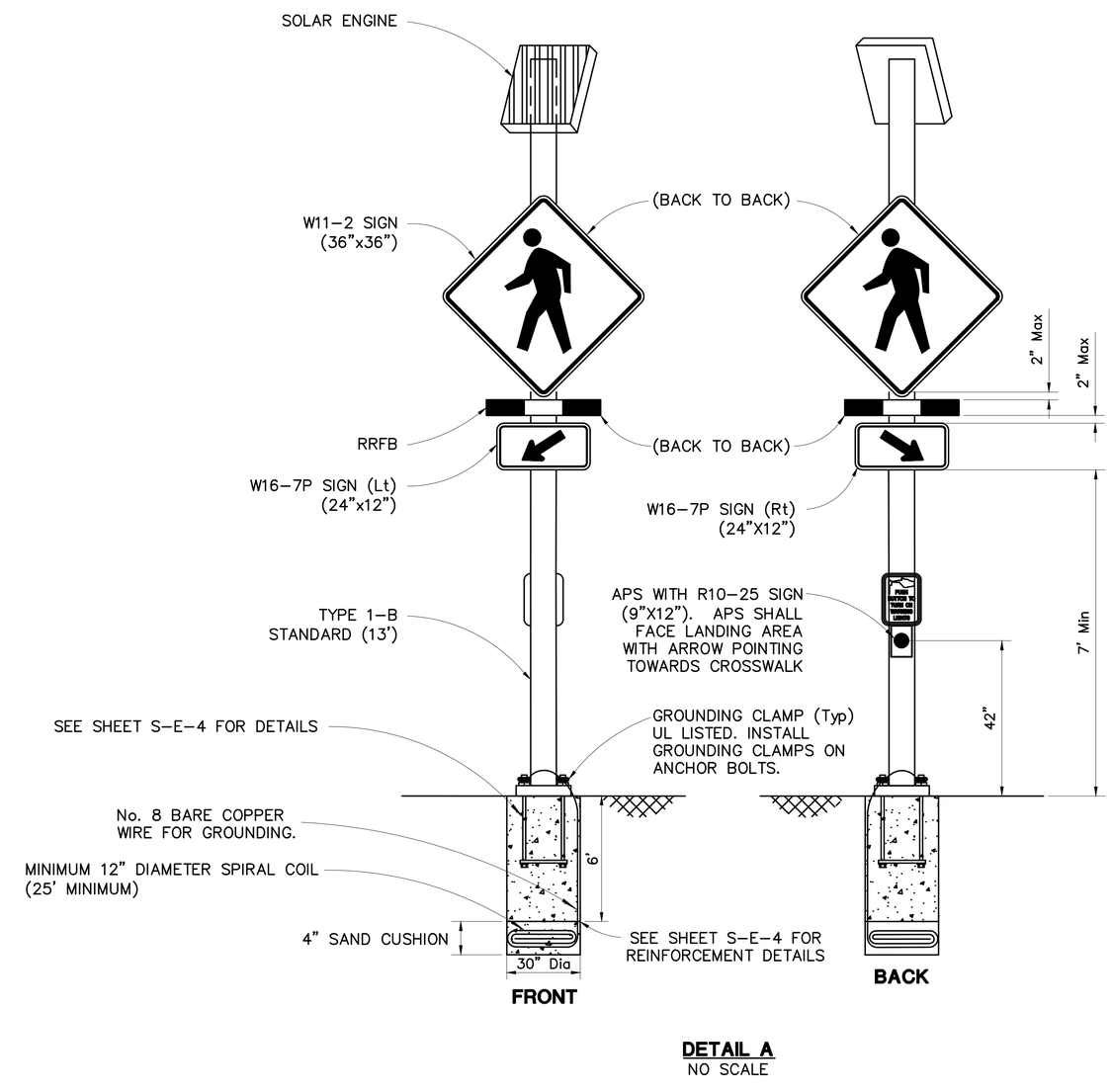
PROFESSIONAL ENGINEER — KIN Y. CHAN No. 55391 Exp. 12/31/26 CIVIL — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827





DETAIL A
NO SCALE

RECTANGULAR RAPID FLASHING BEACON SYSTEM

SCALE: 1"=20'

SHEET 189 OF 262

S-E-2

FINAL PLANS

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 11:31 am

LAST REVISION 03-14-25

REVISED BY	DATE REVISED

ANSON HUYNH — CALCULATED-DESIGNED BY
KIN CHAN — CHECKED BY
DAN YAU — CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

O:\Project\2019\109119 San Jose Creek Bike Path\E-1,2,3,4.dwg, 3/11/2025 11:31 AM

BORDER LAST REVISED 7/2/2010 | USERNAME =>ahuynh | DGN FILE => E-1,2,3,4.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.2	109	158

REGISTERED CIVIL ENGINEER — 03/14/25 DATE

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/26 — CIVIL — STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

LEGEND (FOR THIS SHEET ONLY):

[1] EXISTING TYPE III–BF SERVICE EQUIPMENT ENCLOSURE.

[2] EXISTING IRRIGATION CONTROLLER ENCLOSURE CABINET.

CONDUIT AND CONDUCTORS (FOR THIS SHEET ONLY):

△1 2"C, 2#10 (Ltg).

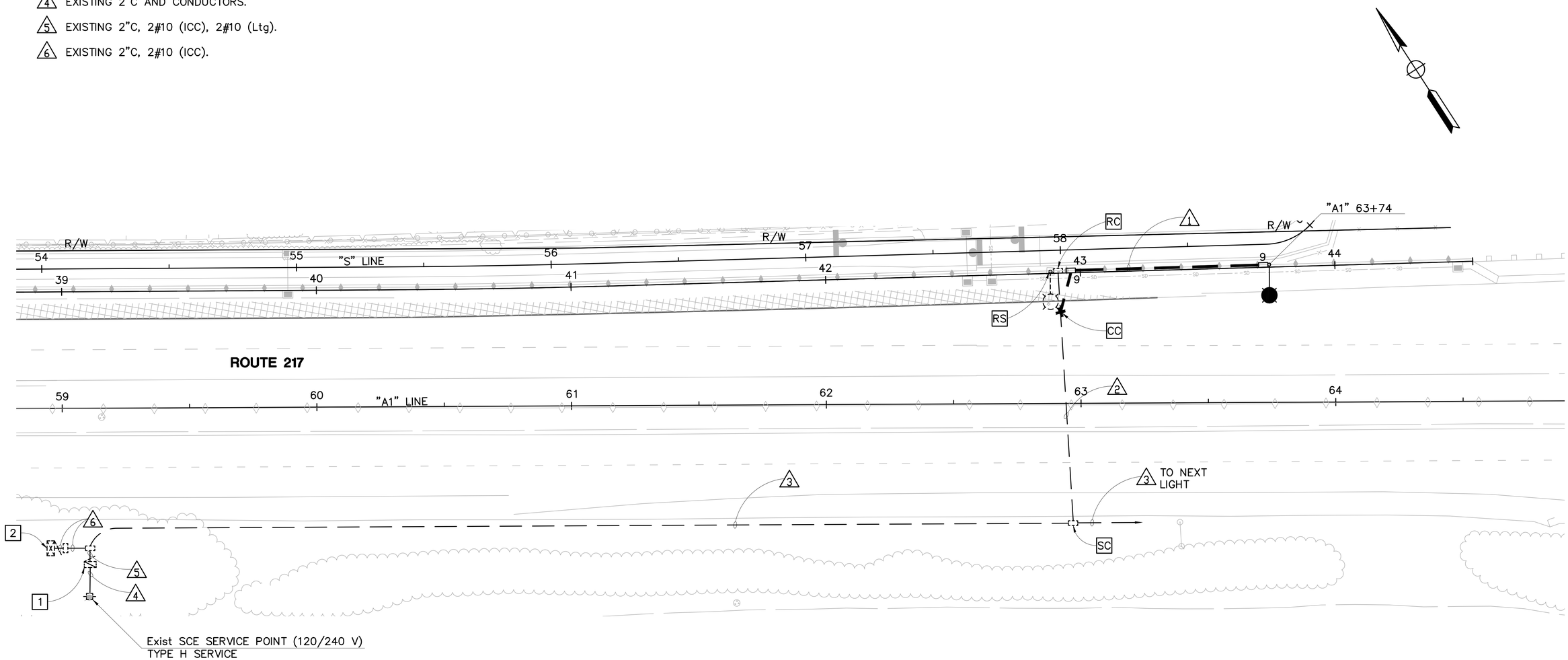
△2 EXISTING 2"C, REMOVE 2#10 (Ltg), ADD 2#10 (Ltg).

△3 EXISTING 1½"C, 2#10 (Ltg).

△4 EXISTING 2"C AND CONDUCTORS.

△5 EXISTING 2"C, 2#10 (ICC), 2#10 (Ltg).

△6 EXISTING 2"C, 2#10 (ICC).



MODIFYING LIGHTING SYSTEM

SCALE: 1" = 20'

SHEET 190 OF 262

S-E-3

REVISED BY | DATE REVISED

ANSON HUYNH | KIN CHAN

CALCULATED–DESIGNED BY | CHECKED BY

DAN YAU

CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

O:\Project\2019\109119 San Jose Creek Bike Path\E-1,2,3,4.dwg, 3/11/2025 11:31 AM

FINAL PLANS

LAST REVISION 03-14-25 | DATE PLOTTED => Mar 11, 2025 | TIME PLOTTED => 11:31 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>ahuynh | DGN FILE => E-1,2,3,4.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.2	110	158

REGISTERED CIVIL ENGINEER — 03/14/25 DATE

KIN Y. CHAN No. 55391 Exp. 12/31/26 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

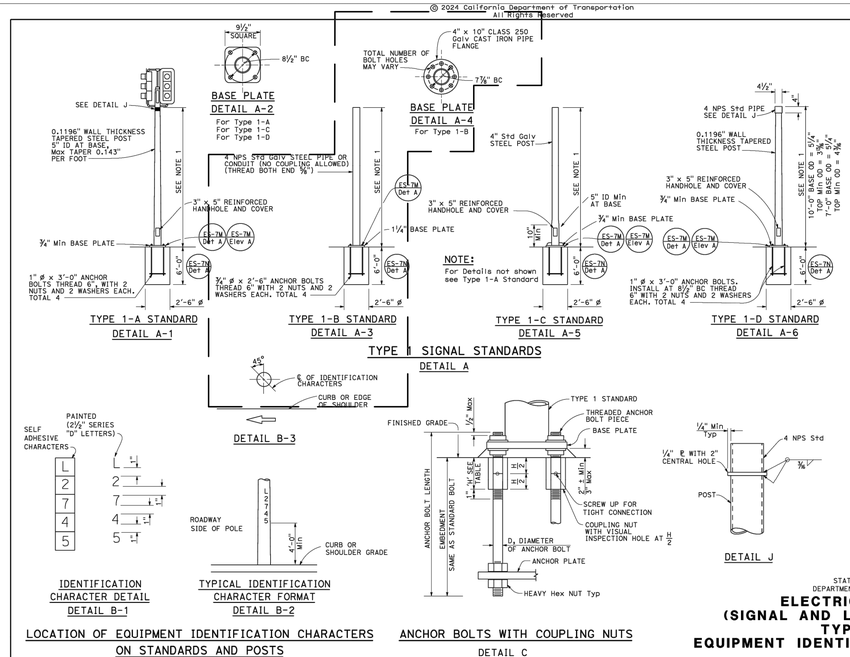
March 14, 2025
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

BENNETT ENGINEERING SERVICES
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827

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COUPLING NUT TABLE	
BOLT DIAMETER	NUT TABLE THICKNESS "H"
¾"	2¼"
1"	3"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	SHEETS

REGISTERED CIVIL ENGINEER — January 22, 2024 PLANS APPROVAL DATE — Kinley P. Johnson No. C57793 Exp. 3-31-24 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED

NOTES:

1. Standards shall be 12'-0" ±2" for flashing beacons, 10'-0" ±2" for vehicle signals, and 7'-0" ±2" for pedestrian signals unless shorter pole is noted on project plans.
2. Top of standards shall be 4½" OD.
3. Conduits shall extend 2" maximum above finished surface of foundation and for Types 1-A, 1-C and 1-D shall be sloped toward handhole.
4. Coupling nuts to be used only when shown or specified on project plans.

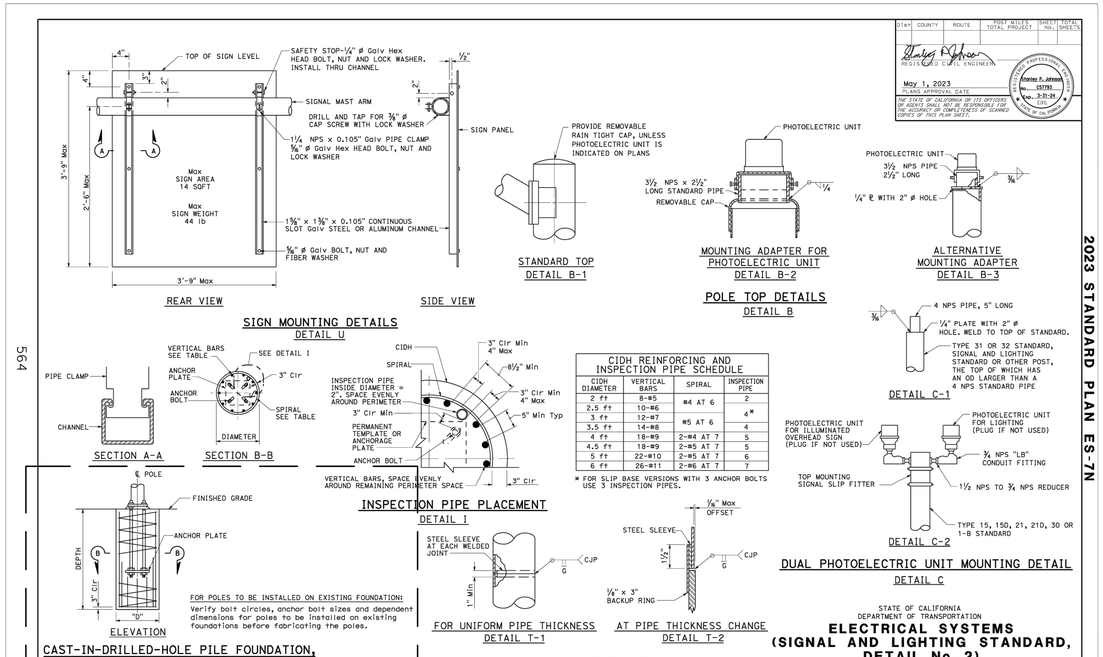
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS (SIGNAL AND LIGHTING STANDARD, TYPE 1, AND EQUIPMENT IDENTIFICATION CHARACTERS)
NO SCALE

RSP ES-7B DATED JANUARY 22, 2024 SUPERSEDES STANDARD PLAN ES-7B DATED MAY 1, 2023 - PAGE 553 OF THE STANDARD PLANS BOOK DATED 2023.

REVISED STANDARD PLAN RSP ES-7B

10-12-23

2023 REVISED STANDARD PLAN RSP ES-7B



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS (SIGNAL AND LIGHTING STANDARD, DETAIL No. 2)
NO SCALE

ES-7N

2-5-23

2023 STANDARD PLAN ES-7N

564

FINAL PLANS

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 11:31 am

LAST REVISION 03-14-25

ELECTRICAL DETAILS

NO SCALE

SHEET 191 OF 262

S-E-4

Return to Table of Contents

REVISED BY	DATE REVISED
ANSON HUYNH	
KIN CHAN	
DAN YAU	

CALCULATED– DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

O:\Project\2019\109119 San Jose Creek Bike Path\E-1,2,3,4.dwg, 3/11/2025 11:31 AM

BORDER LAST REVISED 7/2/2010
USERNAME => ahuynh
DGN FILE => E-1,2,3,4.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	111	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

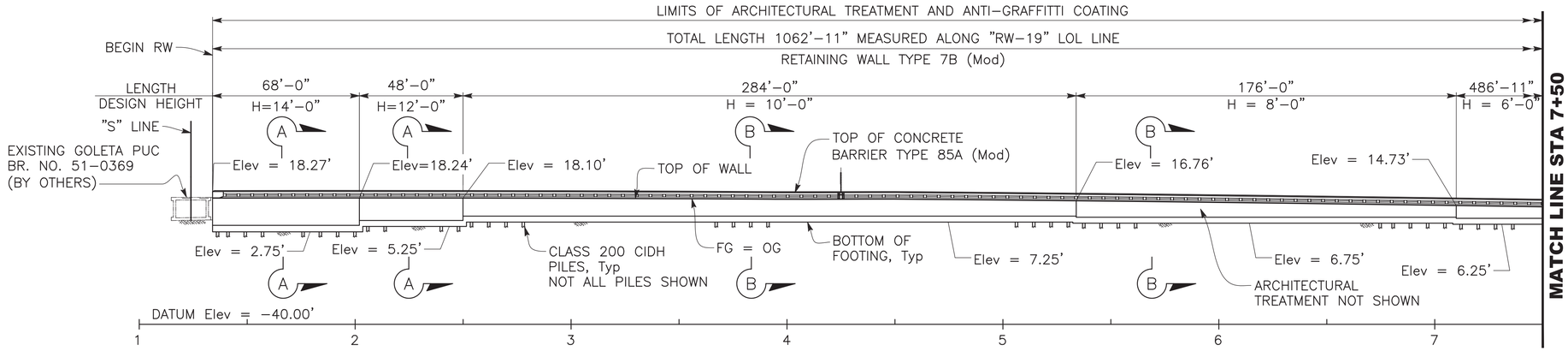
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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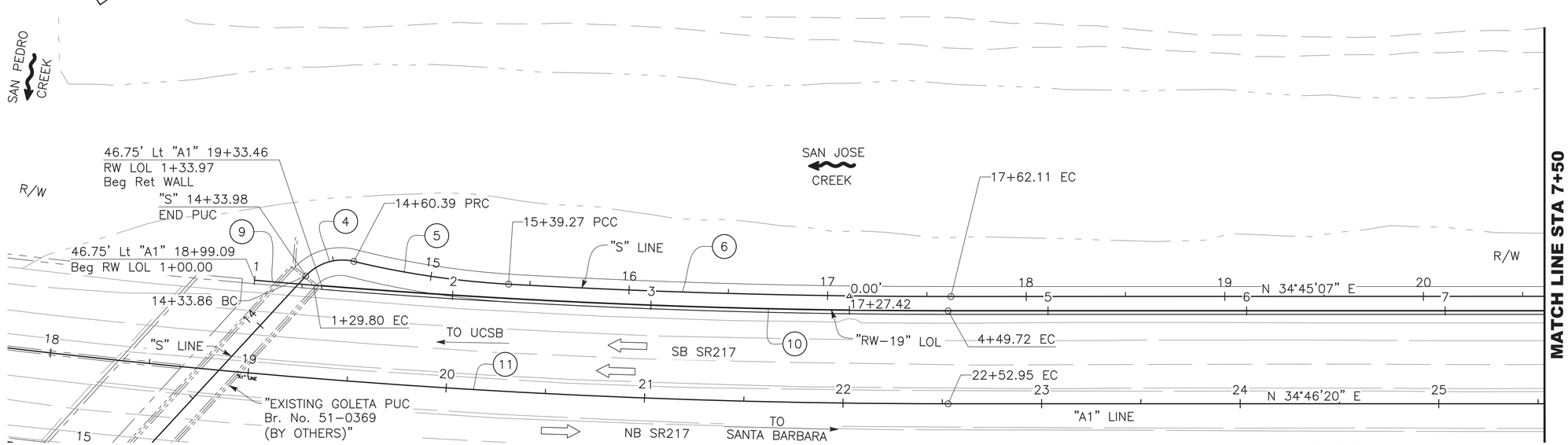
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DEVELOPED MIRRORED ELEVATION

1" = 30'



PLAN

1" = 30'

CURVE DATA

No.	R	Δ	T	L
4	25.00'	60°47'53"	14.67'	26.53'
5	440.00'	10°16'21"	39.55'	78.89'
6	3946.00'	3°14'08"	111.45'	222.83'
9	3953.25'	0°25'55"	14.90'	29.80'
10	3953.25'	4°38'12"	160.05'	319.92'
11	4000.00'	13°48'52"	484.56'	964.43'

LEGEND:

—— – – – —— Indicates Existing Structure

NOTES:

1. For Index to Plans, General Notes and Quantities, see "INDEX TO PLANS" sheet.
2. For "SECTION A-A" and "SECTION B-B" see "GENERAL PLAN NO. 3" sheet.

SHEET 192 OF 262 **S-ST-1**

DESIGN OVERSIGHT	DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO	
SIGN OFF DATE	QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
GENERAL PLAN NO. 1

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:14 pm
USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
01/30/23 05/27/23 10/02/23 11/17/23	1	18

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	112	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

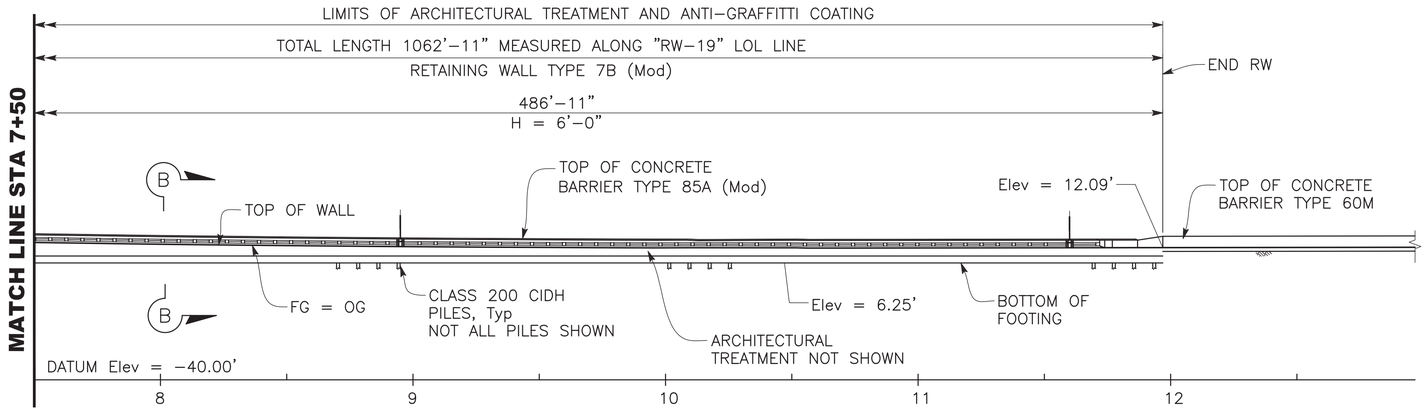
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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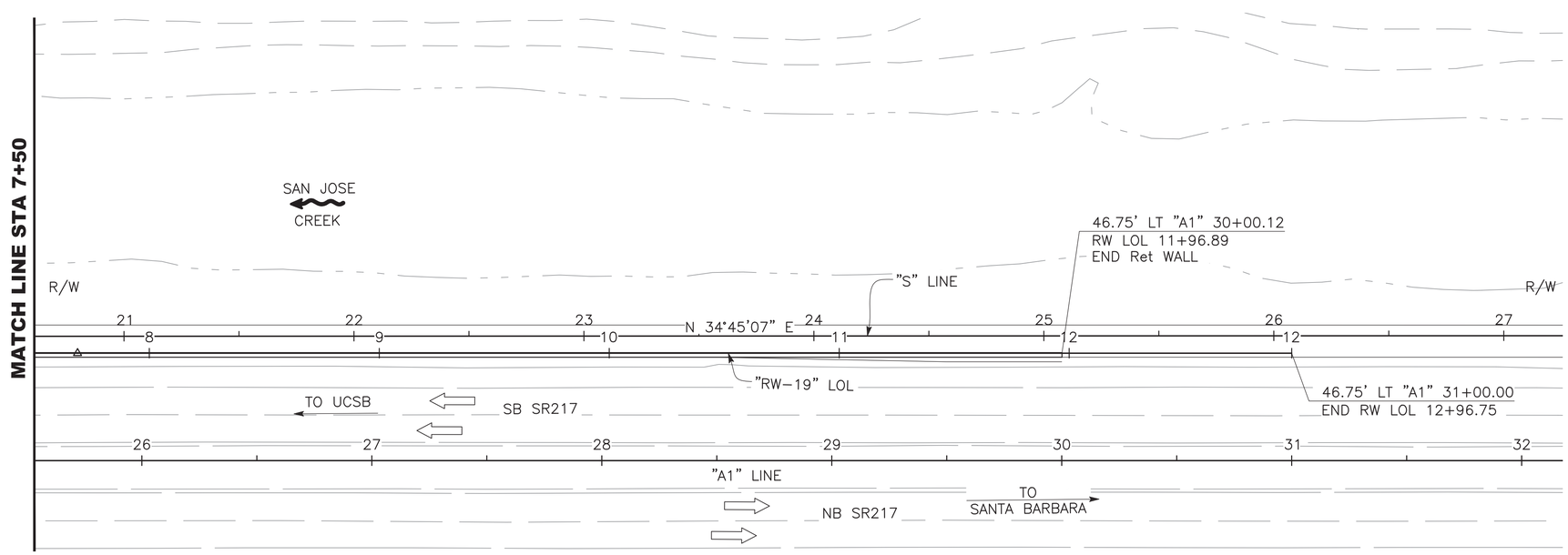
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 30'



PLAN

1" = 30'

NOTES:

1. For "SECTION A-A" and "SECTION B-B" see "GENERAL PLAN NO. 3" sheet.

SHEET 193 OF 262 **S-ST-2**

DESIGN OVERSIGHT	DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II PROJECT ENGINEER	BRIDGE No. 51E0027
SIGN OFF DATE	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO			POST MILE 2.1
	QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS			

RETAINING WALL NO. 19
GENERAL PLAN NO. 2

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)
DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:14 pm USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3
PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304
DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES: 01/30/23 05/27/23 10/02/23 11/17/23
SHEET 2 OF 18

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW-GP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	113	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

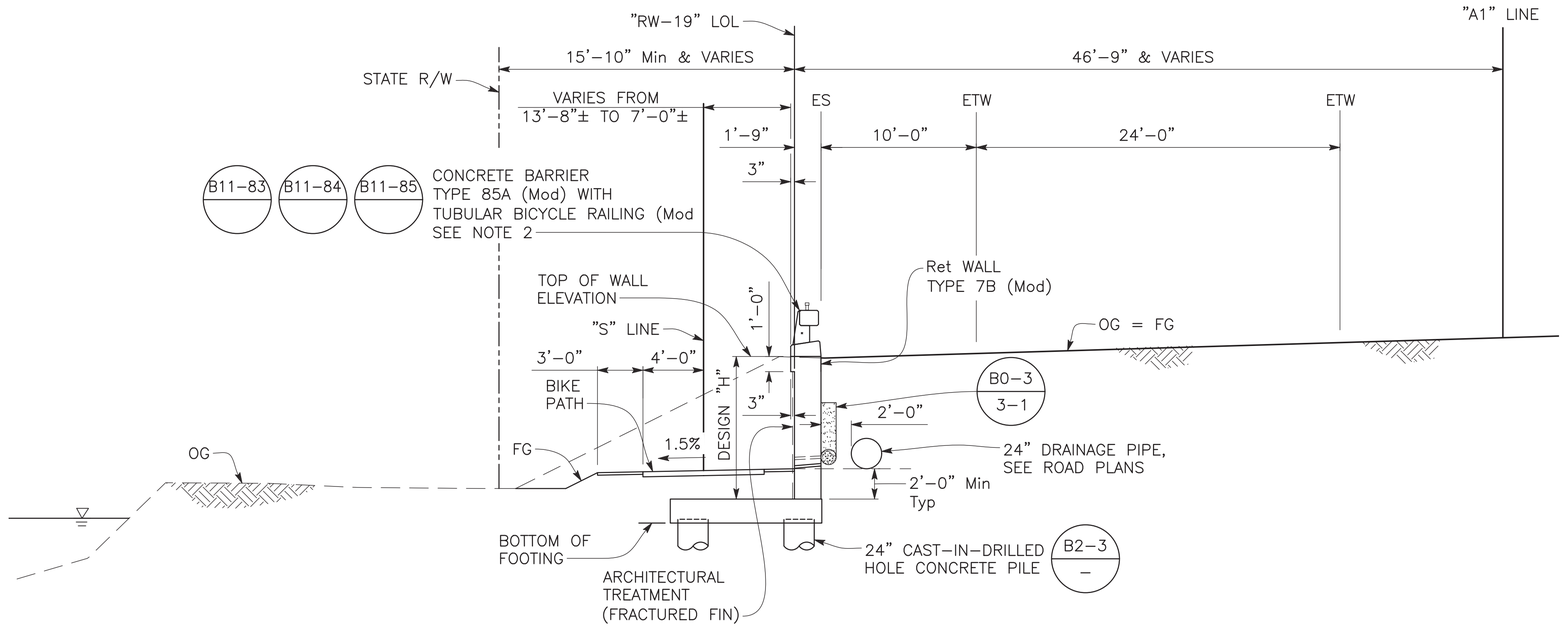
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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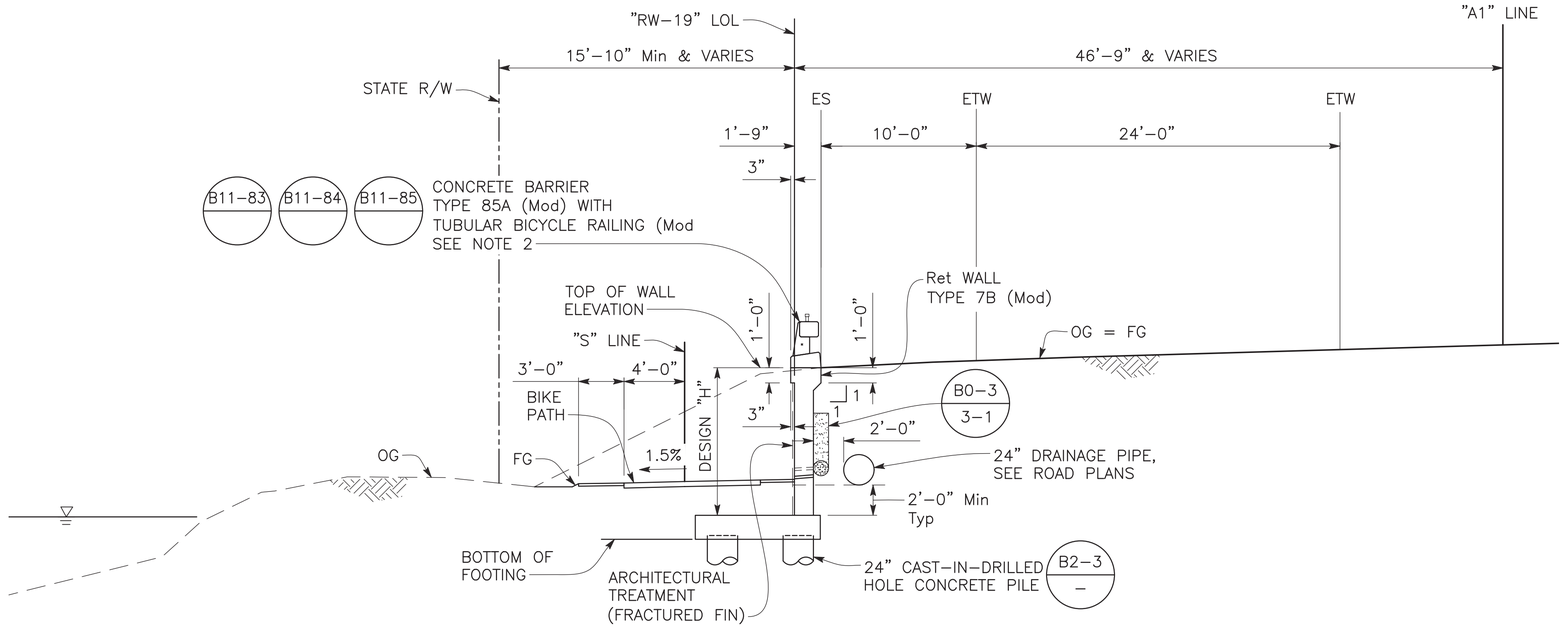
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SECTION A-A

1"= 5'



SECTION B-B

1"= 5'

NOTES:

1. For reinforcement and details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. All Top Bicycle Rail Components, except anchor bolts, must be Powder Coated.

SHEET 194 OF 262 **S-ST-3**

DESIGN OVERSIGHT	DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO	
SIGN OFF DATE	QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
GENERAL PLAN NO. 3

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:14 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 05/27/23 10/02/23 11/17/23	3	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW-GP.dwg

INDEX TO PLANS

SHEET NO.	NO.	TITLE
1	S-ST-1	GENERAL PLAN NO. 1
2	S-ST-2	GENERAL PLAN NO. 2
3	S-ST-3	GENERAL PLAN NO. 3
4	S-ST-4	INDEX TO PLANS
5	S-ST-5	STRUCTURE PLAN NO. 1
6	S-ST-6	STRUCTURE PLAN NO. 2
7	S-ST-7	STRUCTURE PLAN NO. 3
8	S-ST-8	STRUCTURE PLAN NO. 4
9	S-ST-9	STRUCTURE PLAN NO. 5
10	S-ST-10	RETAINING WALL DETAILS NO. 1
11	S-ST-11	CONCRETE BARRIER TRANSITION DETAILS
12	S-ST-12	RETAINING WALL TYPE 7B Mod – DETAILS NO. 1
13	S-ST-13	RETAINING WALL TYPE 7B Mod – DETAILS NO. 2
14	S-ST-14	SIGN DETAILS NO. 1
15	S-ST-15	SIGN DETAILS NO. 2
16	S-ST-16	ARCHITECTURAL DETAILS NO. 1
17	S-ST-17	ARCHITECTURAL DETAILS NO. 2
18	S-ST-18	LOG OF TEST BORINGS

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

DESIGN: AASHTO LRFD Bridge Design Specifications, 8th Edition and the Caltrans Amendments, preface dated April 2019.

SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 2.0 April 2019 w/ Interim Revision October 2019.

LIVE LOADING: HL93 design truck or design tandem
P15 Permit Design Vehicle

SEISMIC LOADING: Shear Wave Velocity V_{s30} = 625 ft/s

Moment Magnitude: 6.74

Peak Ground Acceleration = 0.62g

CONCRETE: fy = 60 ksi
f'c = 3.6 ksi, unless otherwise shown
n = 8

CALTRANS STANDARD PLANS DATED 2023

STANDARD PLAN SHEET No.

DETAIL No.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	114	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

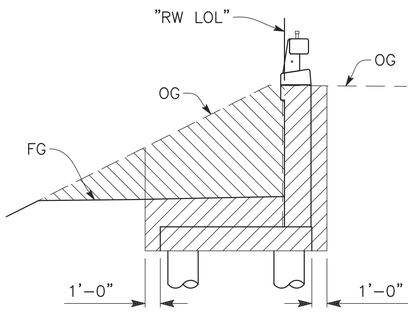
March 14, 2025
PLANS APPROVAL DATE

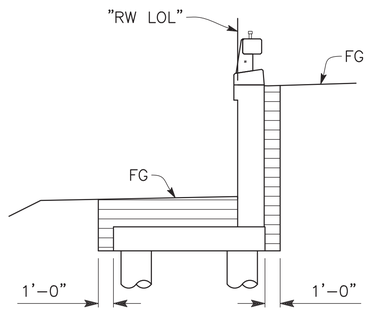
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL RETAINING WALL

NO SCALE

EXCAVATION AND BACKFILL NOTES:

1. For Details not shown see A62–A and A62–E
2. Slope or shore excavation sides as necessary.
3. Dimensions shown are minimum

LEGEND

- Roadway Excavation
- Structure Excavation (Type D)
- Structure Backfill (Retaining Wall)

QUANTITIES

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (TYPE D)	2,574	CY
STRUCTURE BACKFILL (RETAINING WALL)	1,404	CY
24" CAST–IN–DRILLED–HOLE CONCRETE PILING	3,787	LF
STRUCTURAL CONCRETE, RETAINING WALL	1,230	CY
CONCRETE SURFACE TEXTURE (ESTRELLA WAVE)	5,431	SQFT
BAR REINFORCING STEEL (BRIDGE)	124,715	LB
BAR REINFORCING STEEL (RETAINING WALL)	103,437	LB
PREPARE AND STAIN CONCRETE	8,967	SQFT
ANTI–GRAFFITI COATING	15,809	SQFT
CONCRETE BARRIER (TYPE 85A) MOD	1,063	LF
TUBULAR BICYCLE RAILING (MOD)	1,053	LF

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
INDEX TO PLANS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:15 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	4	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–IP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	115	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

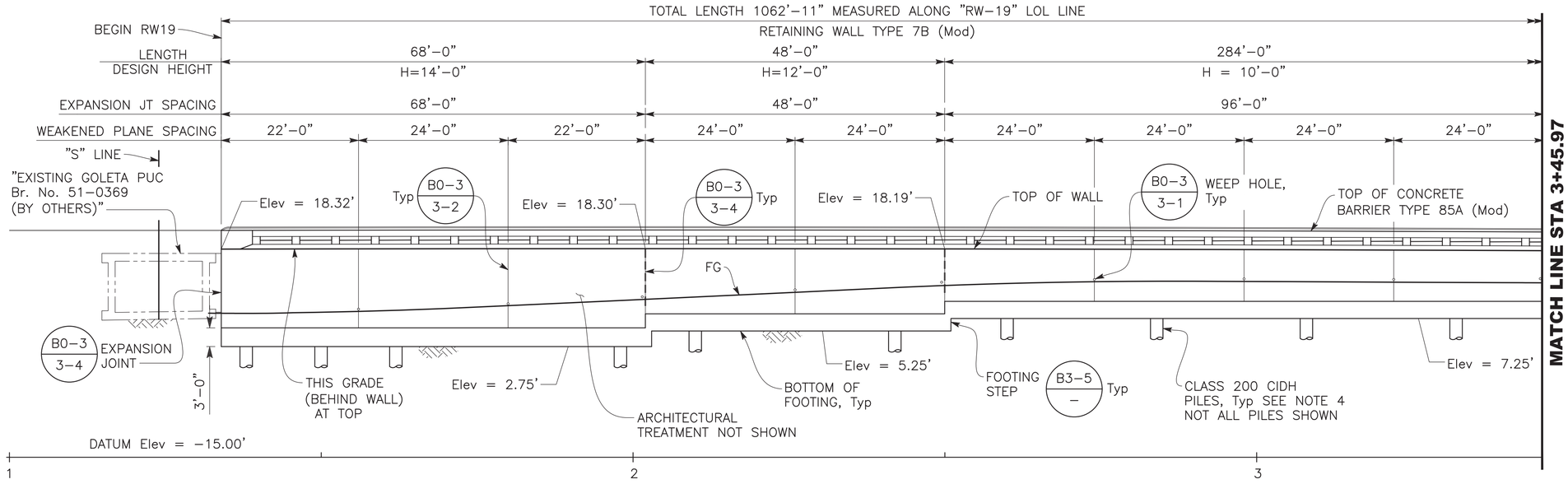
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670

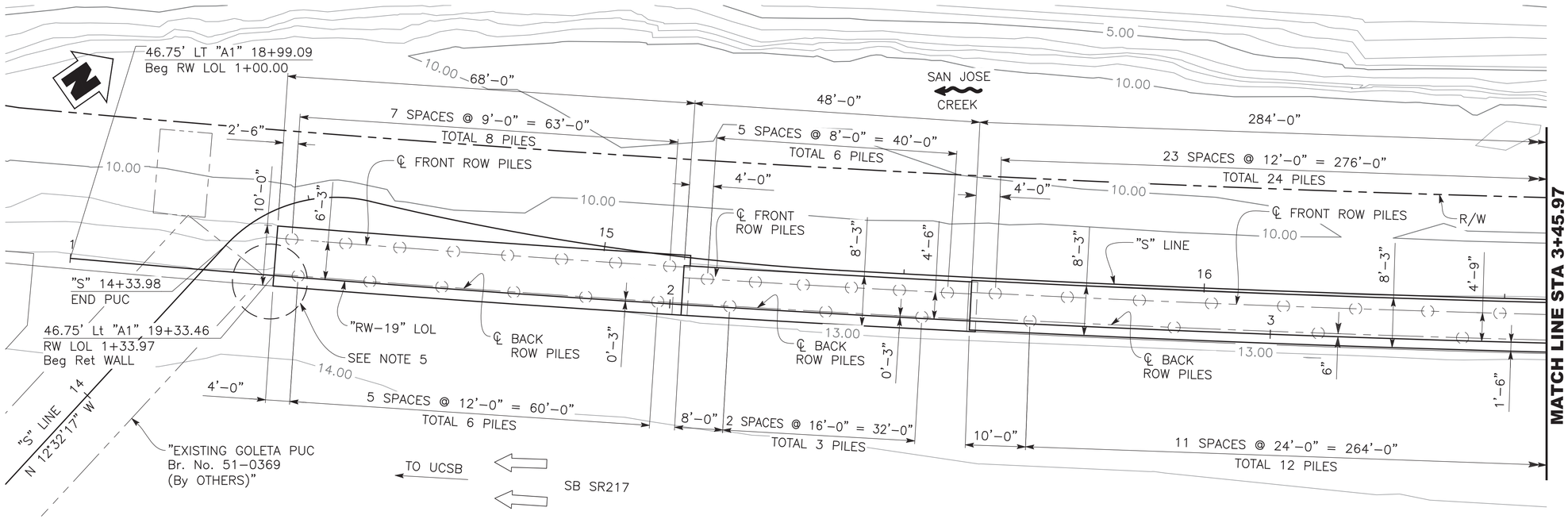


DEVELOPED MIRRORED ELEVATION

1" = 10'

WALL PROFILE TABLE

"RW–19" LOL STATION	TOP OF WALL Elev (ft)
01+50.00	18.35
01+75.00	18.34
02+00.00	18.31
02+25.00	18.26
02+50.00	18.18
02+75.00	18.11
03+00.00	18.04
03+25.00	17.95



FOOTING PLAN

1" = 10'

NOTES:

1. For Reinforcement and Details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standard Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For CIDH Pile, see "RETAINING WALL TYPE 7B (Mod) – DETAILS NO. 1" sheet.
5. For interface details with the existing PUC see "RETAINING WALL DETAILS NO. 1" sheet.

LEGEND:

24" CIDH Class 200 Pile

Indicates Existing Structure

SHEET 196 OF 262 **S-ST-5**

DESIGN OVERSIGHT		DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	

ANTHONY DUBOVIK II — PROJECT ENGINEER

BRIDGE No. 51E0027 — POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:15 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	5	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SP.dwg

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5	SB	217	2.1/2.5	116	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

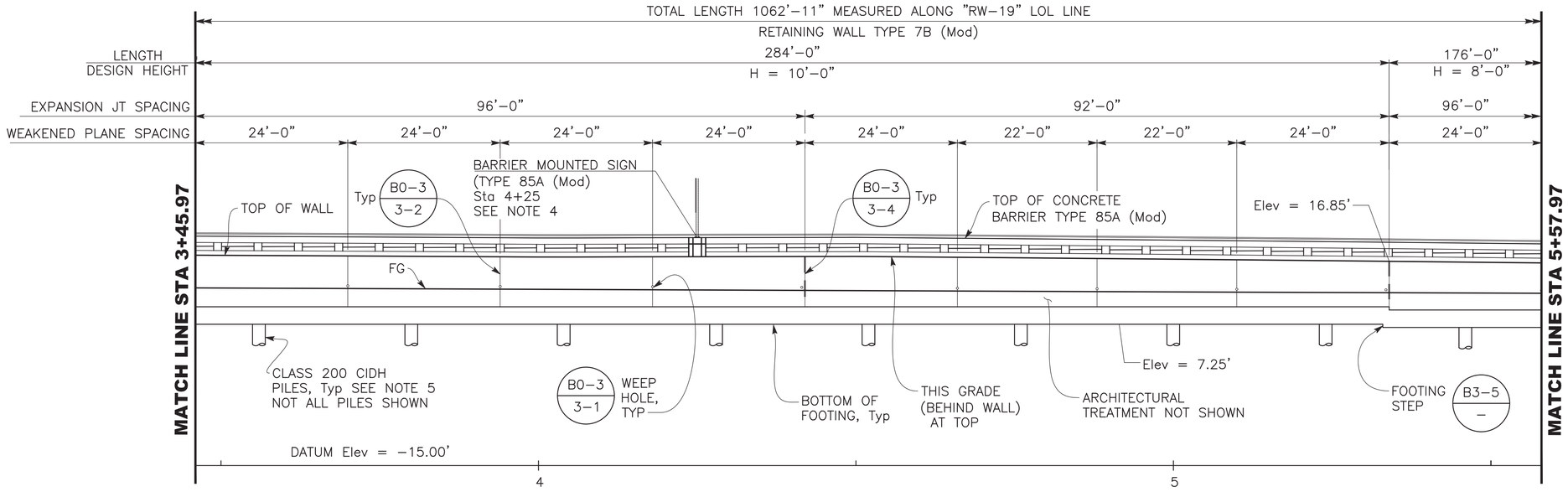
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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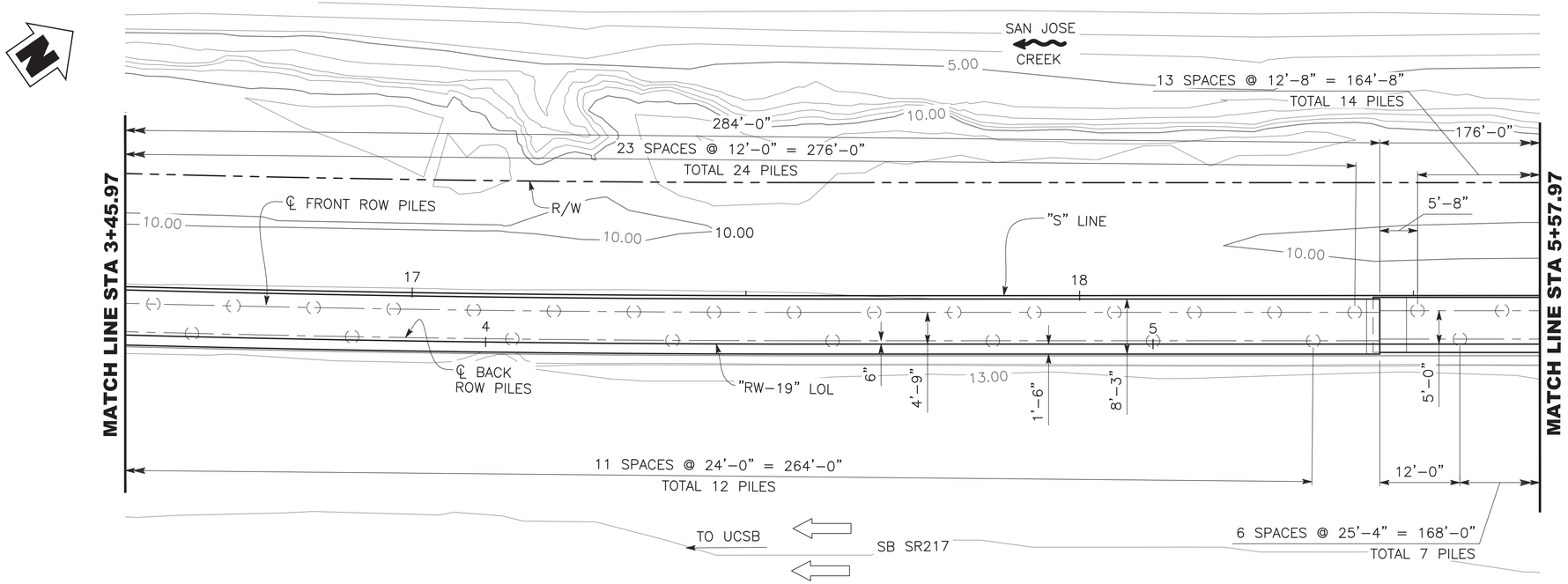
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GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 10'



FOOTING PLAN

1" = 10'

WALL PROFILE TABLE	
"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
03+50.00	17.85
03+75.00	17.72
04+00.00	17.64
04+25.00	17.62
04+50.00	17.59
04+75.00	17.39
05+00.00	17.17
05+25.00	16.94
05+50.00	16.68

NOTES:

1. For Reinforcement and Details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standard Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.
5. For CIDH Pile, see "RETAINING WALL TYPE 7B (MOD) – DETAILS NO. 1" sheet.

LEGEND:

◯ 24" CIDH Class 200 Pile

SHEET 197 OF 262 **S-ST-6**

DESIGN OVERSIGHT
SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:15 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	6	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	117	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

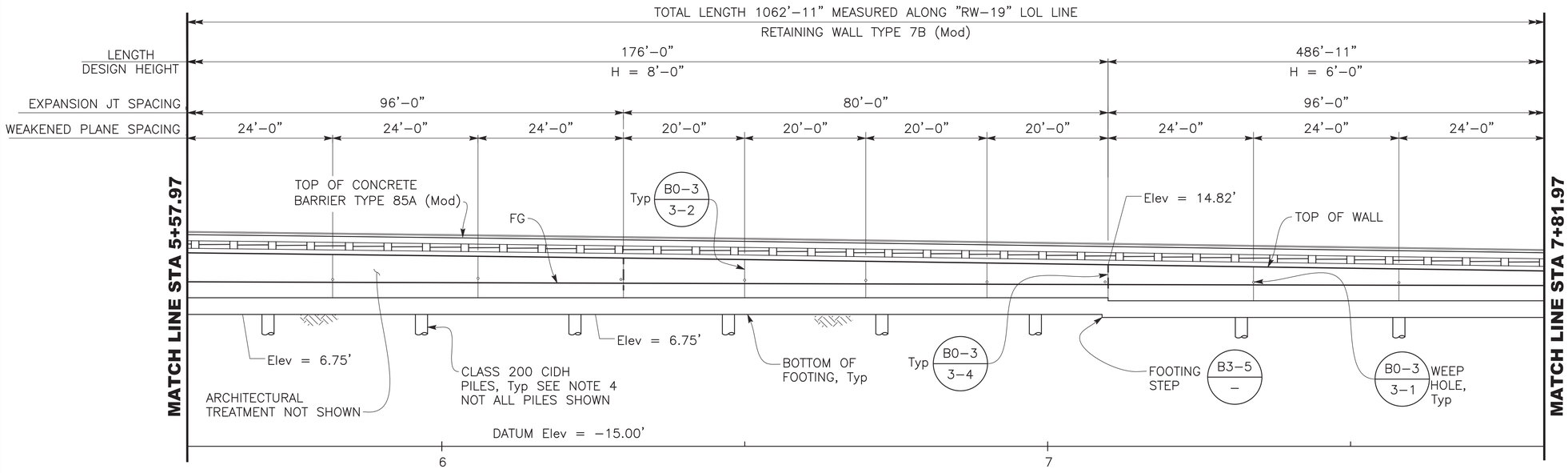
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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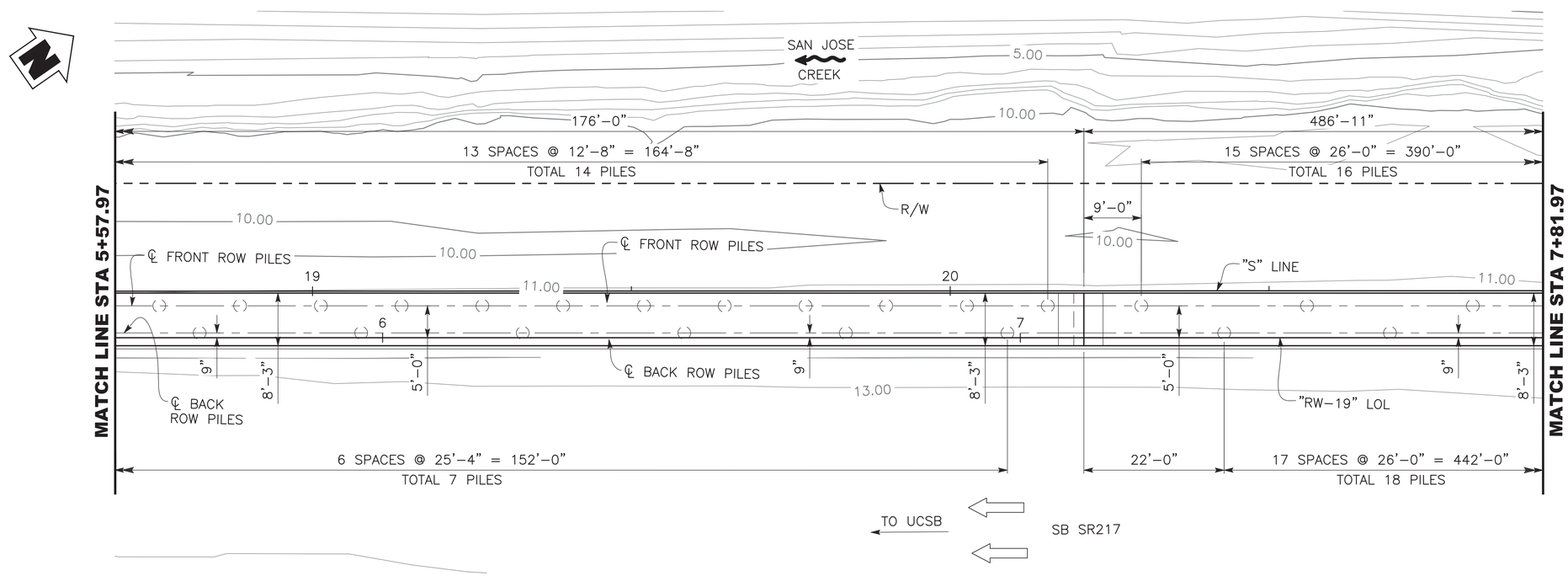
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 10'



FOOTING PLAN

1" = 10'

WALL PROFILE TABLE

"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
05+75.00	16.41
06+00.00	16.12
06+25.00	15.82
06+50.00	15.53
06+75.00	15.23
07+00.00	14.93
07+25.00	14.65
07+50.00	14.38
07+75.00	14.13

NOTES:

1. For Reinforcement and Details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standard Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For CIDH Pile, see "RETAINING WALL TYPE 7B (MOD) – DETAILS NO. 1" sheet.

LEGEND:

◯ 24" CIDH Class 200 Pile

SHEET 198 OF 262 **S-ST-7**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 3

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:15 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	7	18

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	118	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

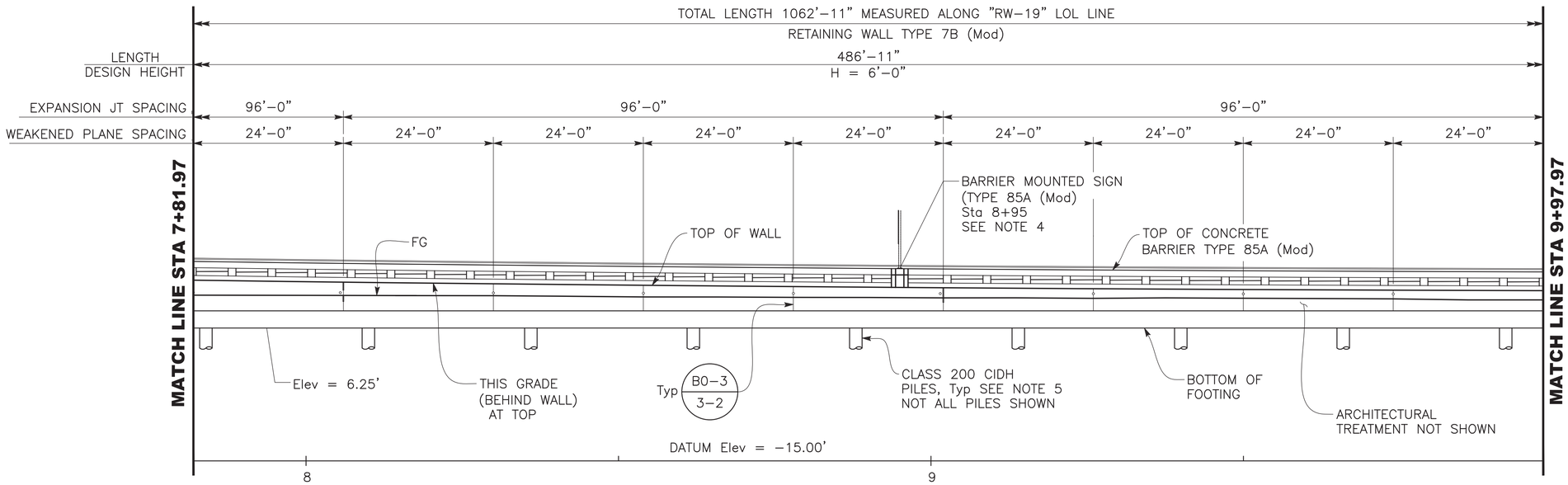
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

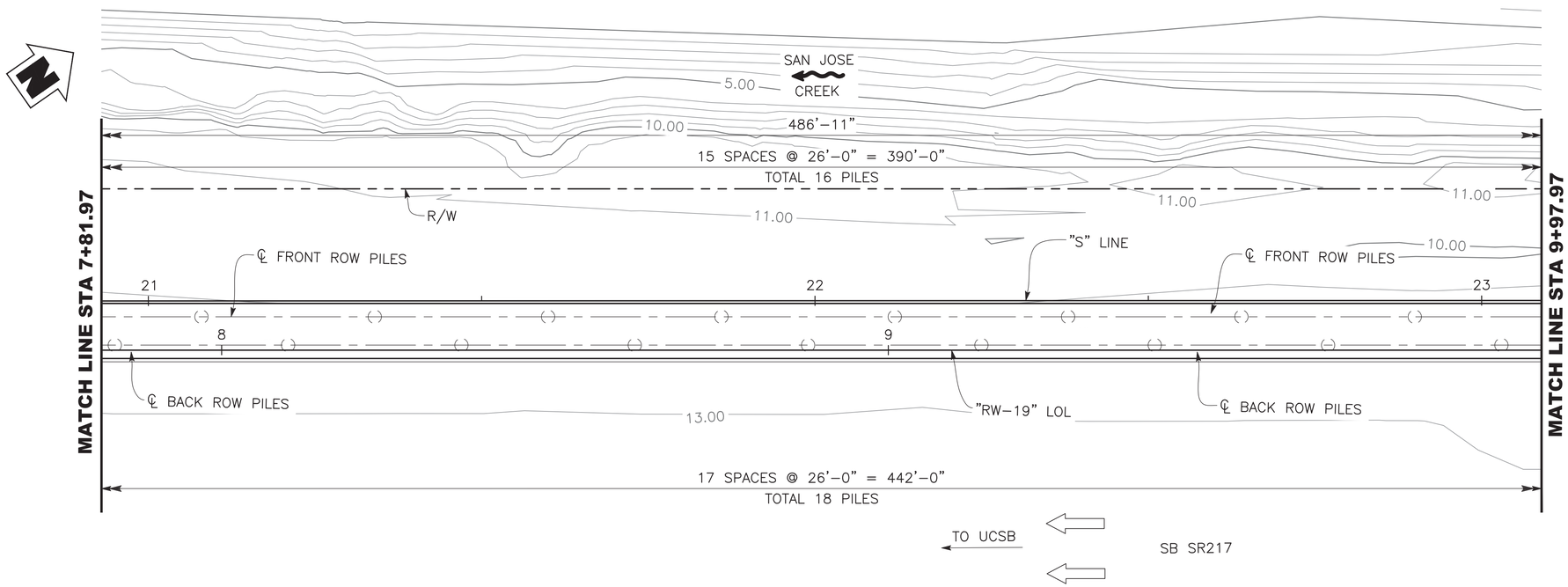
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 10'

WALL PROFILE TABLE	
"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
08+00.00	13.89
08+25.00	13.68
08+50.00	13.47
08+75.00	13.29
09+00.00	13.12
09+25.00	12.96
09+50.00	12.83
09+75.00	12.70



FOOTING PLAN

1" = 10'

NOTES:

1. For Reinforcement and Details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standard Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.
5. For CIDH Pile, see "RETAINING WALL TYPE 7B (MOD) – DETAILS NO. 1" sheet.

LEGEND:

◯ 24" CIDH Class 200 Pile

SHEET 199 OF 262 **S-ST-8**

DESIGN OVERSIGHT
SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 4

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:15 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	8	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	119	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

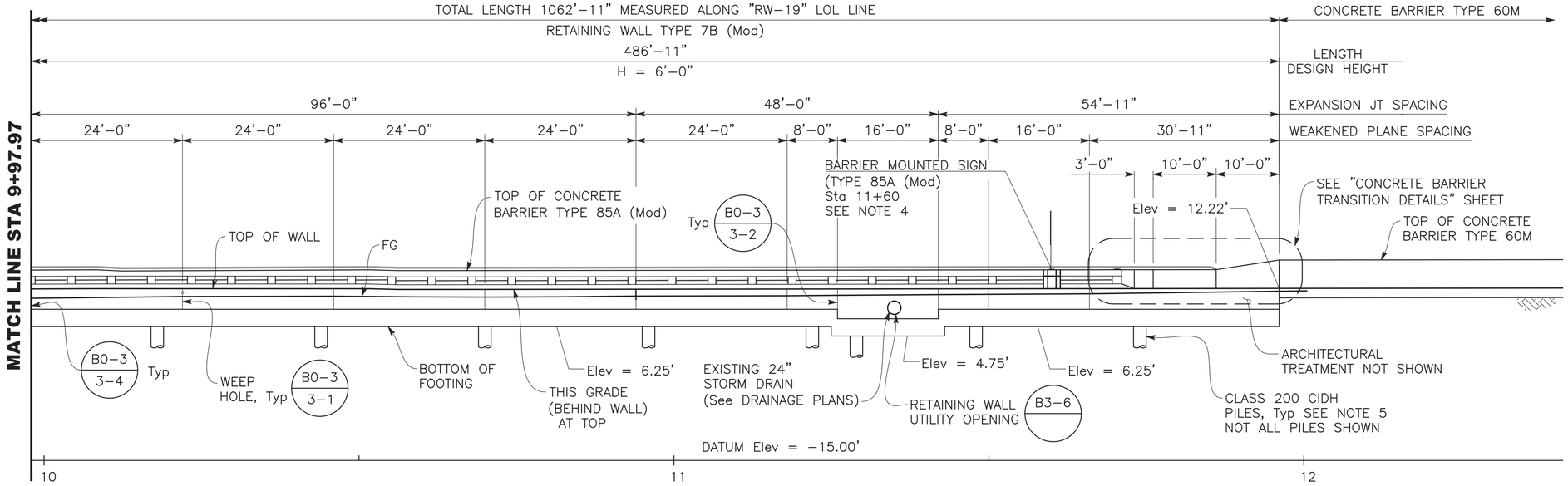
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

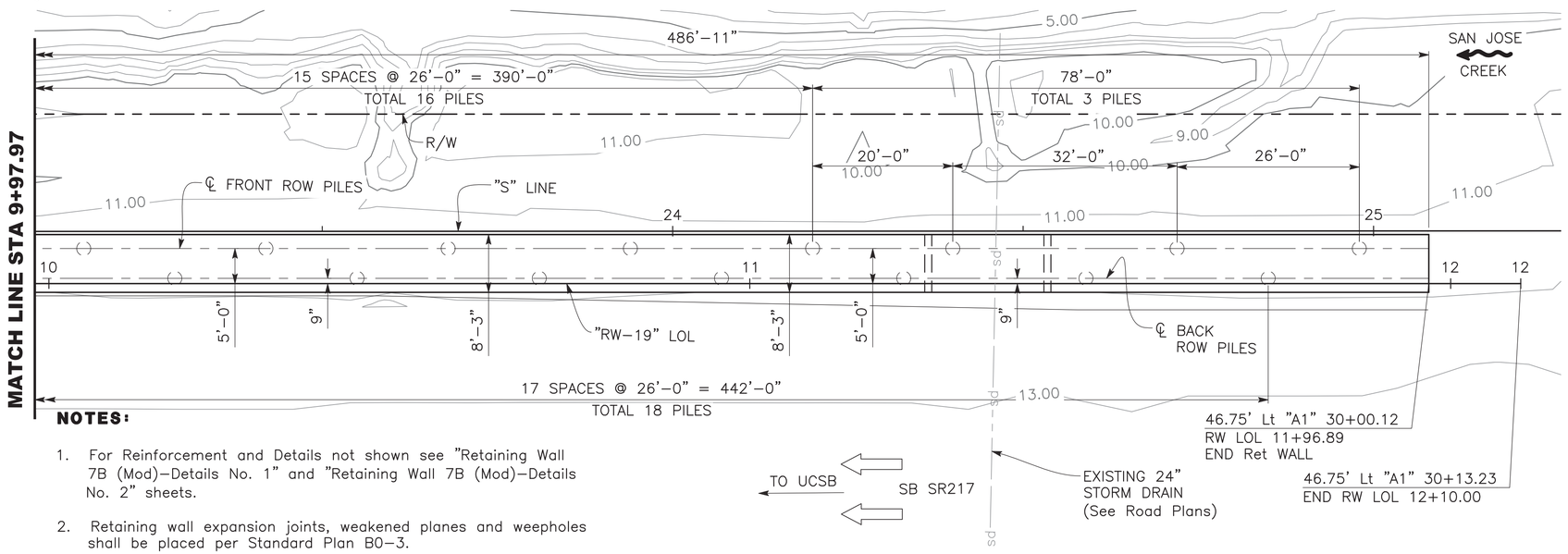


MIRRORED ELEVATION

1" = 10'

*** Cut–off = 5.00 at Storm Drain Location (1 ea)

WALL PROFILE TABLE	
"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
10+00.00	12.60
10+25.00	12.51
10+50.00	12.43
10+75.00	12.35
11+00.00	12.28
11+25.00	12.22
11+50.00	12.19
11+75.00	12.20



FOOTING PLAN

1" = 10'

NOTES:

1. For Reinforcement and Details not shown see "Retaining Wall 7B (Mod)–Details No. 1" and "Retaining Wall 7B (Mod)–Details No. 2" sheets.
2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standard Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.
5. For CIDH Pile, see "RETAINING WALL TYPE 7B (Mod) – DETAILS NO. 1" sheet.

LEGEND:

24" CIDH Class 200 Pile

PILE DATA TABLE						
LOCATION	PILE TYPE	CUT–OFF ELEVATION	NOMINAL RESISTANCE (kips)		DESIGN TIP Elev. (ft)	SPECIFIED TIP Elev. (ft)
			COMPRESSION	TENSION		
H=14	24" CIDH	3.00	190	60	(a) –21.5 (c) 2.0 (d) –26.0	–26.0
H=12	24" CIDH	5.50	160	120	(a) –15.0 (c) 4.0 (d) –25.5	–25.5
H=10	24" CIDH	7.50	190	90	(a) –17.0 (c) 6.5 (d) –25.5	–25.5
H=8	24" CIDH	7.00	160	30	(a) –16.0 (c) 6.0 (d) –26.0	–26.0
H=6	24" CIDH	*** 6.50	250	–	(a) –25.5 (c) 5.5 (d) –26.5	–26.5

NOTES:

1. Design tip elevations are controlled by: (a) Compression, (b) Tension, (c) Settlement and (d) Lateral load.
2. The specified tip elevation shall not be raised above the design tip elevations for tension, lateral, and tolerable settlement.
3. Tension demands do not govern the design.

SHEET 200 OF 262 **S-ST-9**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 5

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:16 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	9	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	120	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

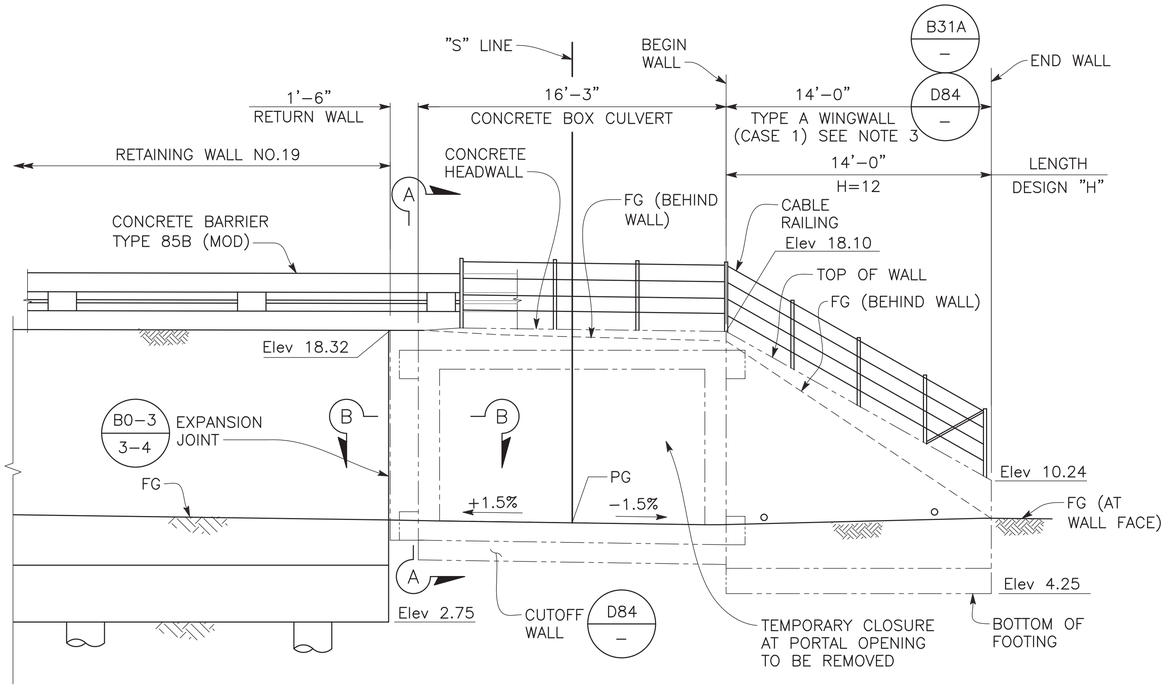
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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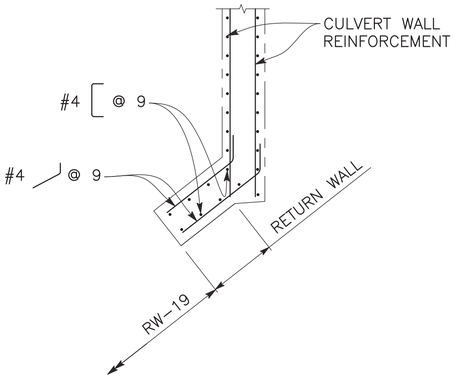
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



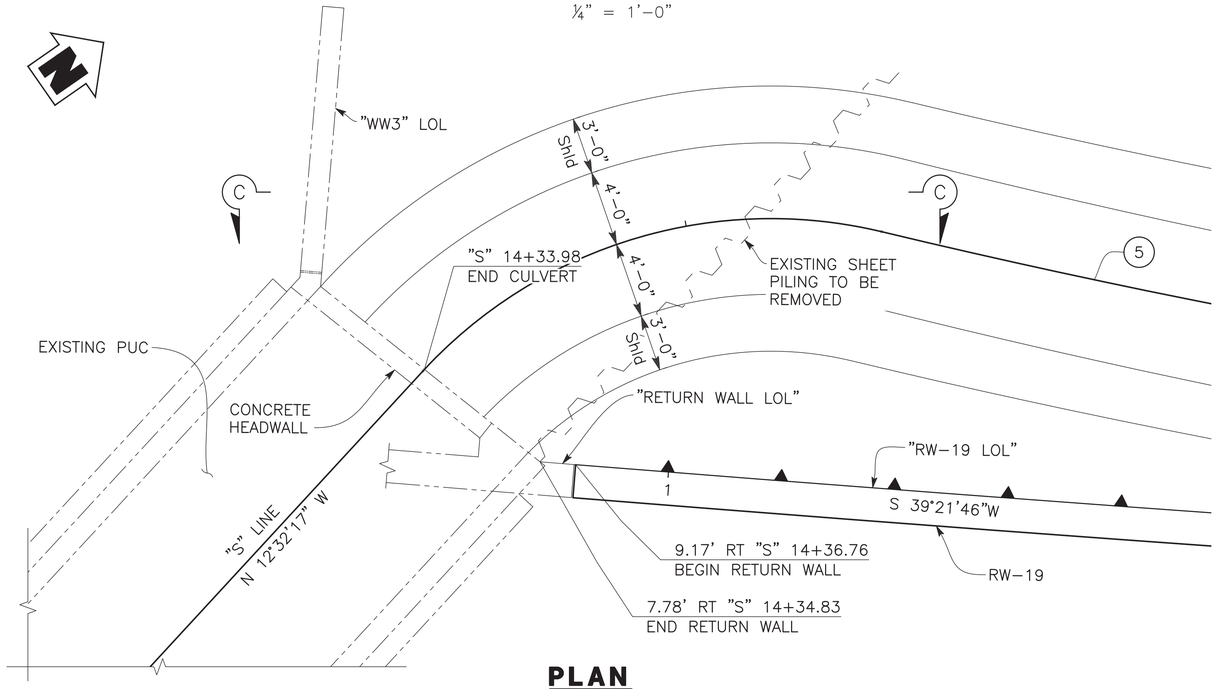
DEVELOPED VIEW C-C

¼" = 1'–0"



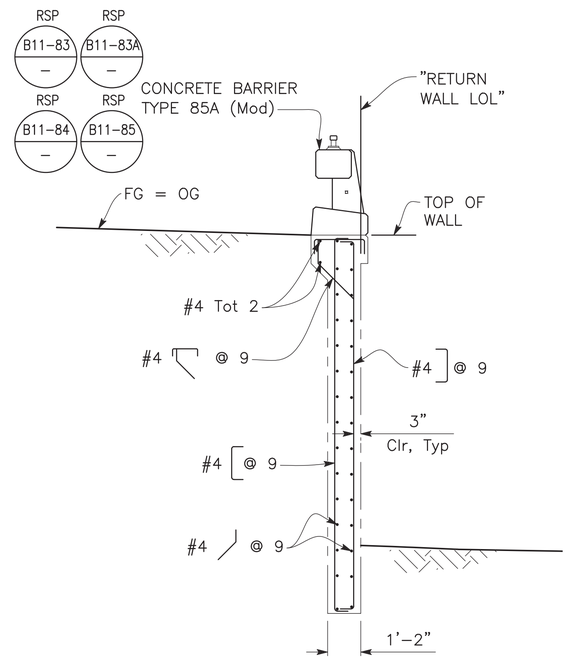
SECTION B-B

½" = 1'–0"



PLAN

¼" = 1'–0"



SECTION A-A

⅜" = 1'–0"

NOTES:

1. For grading details see "Roadway Plans".
2. Concrete cover over bar reinforcement in stem wall must be 3 inches min.
3. Limits of Architectural Treatment on Retaining Wall.

SHEET 201 OF 262

S-ST-10

DESIGN OVERSIGHT		DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	

ANTHONY DUBOVIK II — PROJECT ENGINEER

BRIDGE No. 51E0027 — POST MILE 2.1

RETAINING WALL NO. 19

RETAINING WALL DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 — TIME PLOTTED => 7:16 pm — USERNAME => ecisneros — ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 — COUNTY/ROUTE: SB/217 — CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
01/30/23	10/02/23	11/17/23		10	18

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5	SB	217	2.1/2.5	121	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

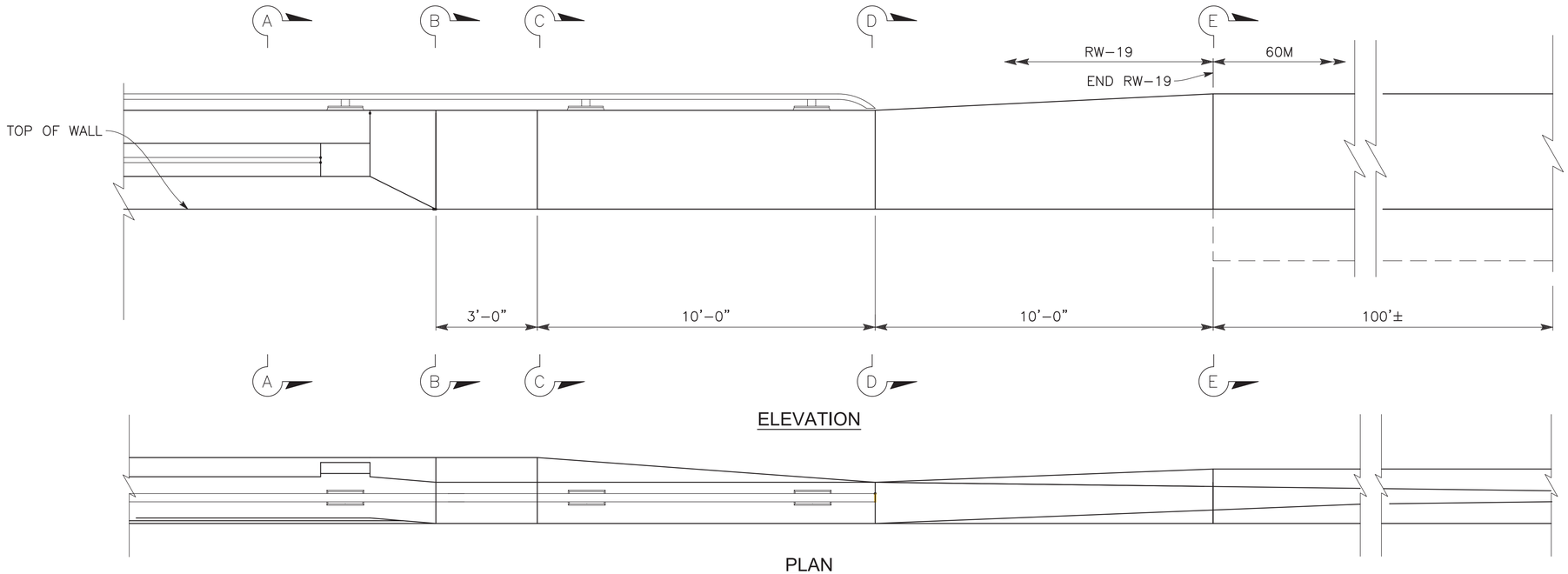
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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DEWBERRY ENGINEERS INC.
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RANCHO CORDOVA, CA 95670



ELEVATION

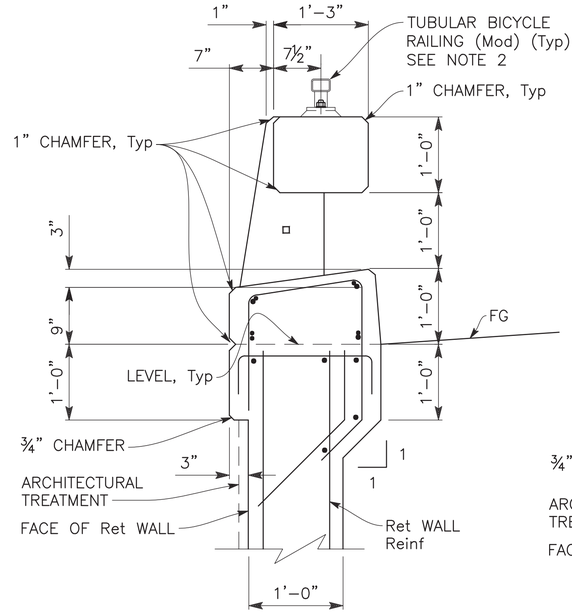
PLAN

NOTES:

1. For barrier details not shown see B11–83 / –.
2. All Top Bicycle Rail Components, except anchor bolts, must be Powder Coated.

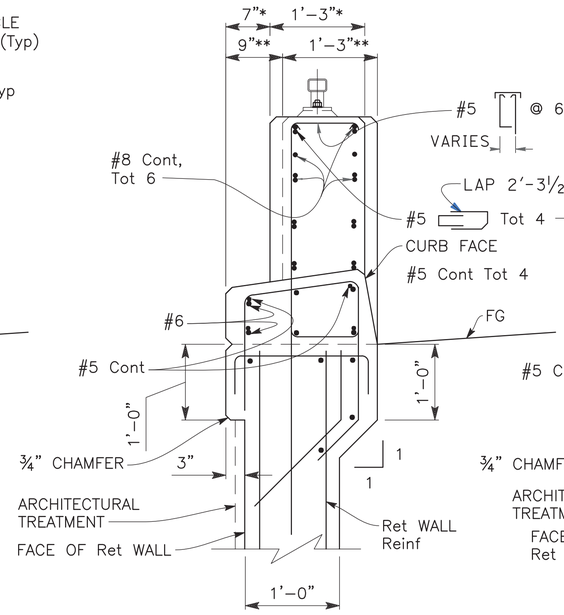
CONCRETE BARRIER TRANSITION DETAILS

½" = 1'–0"



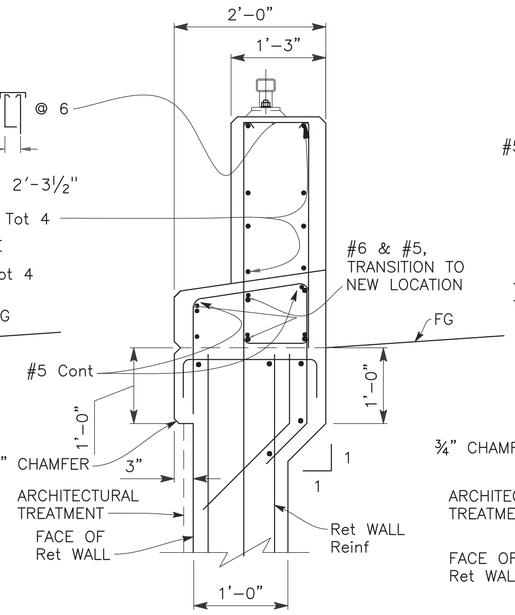
SECTION A-A

1" = 1'–0"



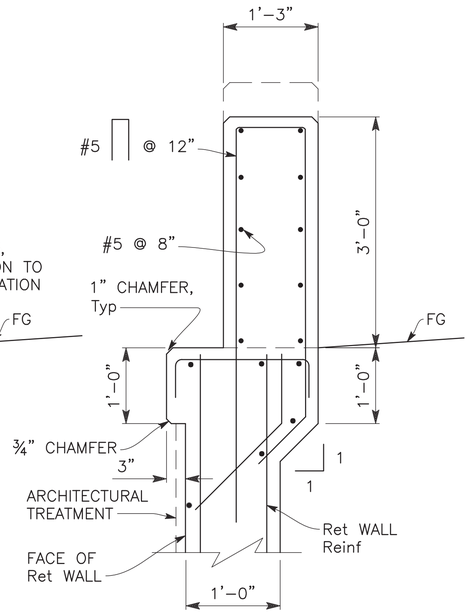
SECTION B-B

1" = 1'–0"



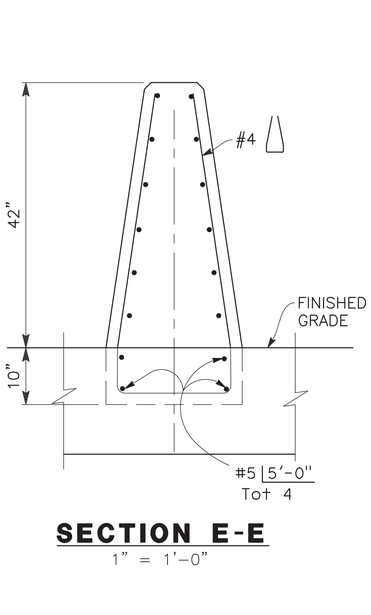
SECTION C-C

1" = 1'–0"



SECTION D-D

1" = 1'–0"



SECTION E-E

1" = 1'–0"

SHEET 202 OF 262 **S-ST-11**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
CONCRETE BARRIER TRANSITION DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:16 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/27/23	11/17/23	11	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–CBTD.dwg

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	122	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

DESIGN DATA ③

Design: AASHTO LRFD Bridge Design Specifications, 8th edition with California Amendments

LS: Varied surcharge on level ground surface

CT: 54 kip maximum traffic impact loading evenly distributed over 10 feet at top of the barrier and 1:1 distribution down and outward

EQE: Mononabe–Okabe Method
K_h = 0.21
K_v = 0.0

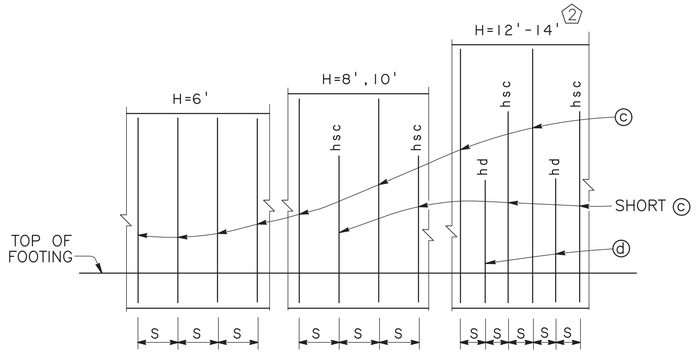
Soil: ϕ = 34°
γ = 120 pcf

Reinforced Concrete: f'c = 3600 psi
fy = 60,000 psi

Load Combinations and Limit States

Service I	Q=1.00DC+1.00EV+1.00EH+1.00LS
Strength I	Q=αDC+βEV+1.50EH+1.75LS
Extreme I	Q=1.00DC+1.00EV+1.00EH+1.00EQD+1.00EQE
Extreme II	Q=1.00DC+1.00EV+1.00EH+1.00CT

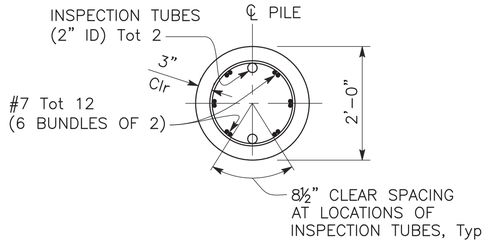
Where:
- Q: Force Effects
- α: 1.25 or 0.90, Which ever Controls Design
- β: 1.35 or 1.00, which ever Controls Design
- DC: Dead Load of Structure Components
- EV: Vertical Earth Fill Pressure
- LS: Live Load Surcharge
- EQE: Seismic Earth Pressure
- EQD: Soil and Structure Components Inertia. Soil inertia ignored for stem design
- CT: Vehicular Collision Force



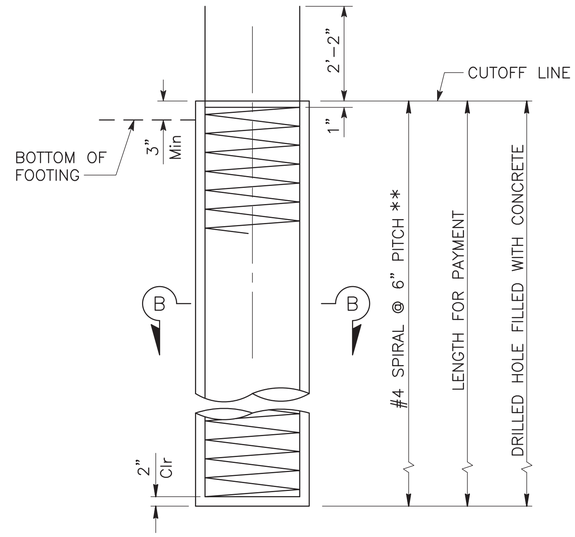
ELEVATION
NO SCALE

NOTE:

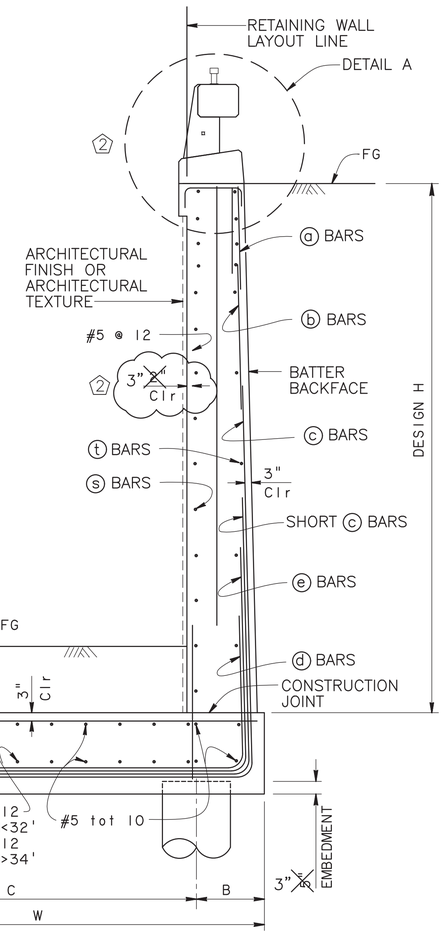
"hb", "hsc", "hc", "hd" and "he" above bars indicate distance from top of footing to upper end of the bars, see table.



SECTION B - B
(WITH INSPECTION TUBES)



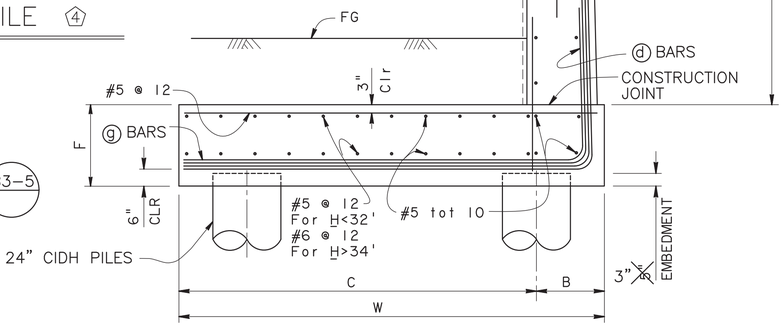
ELEVATION



24"ø CIDH PILE ④
NO SCALE

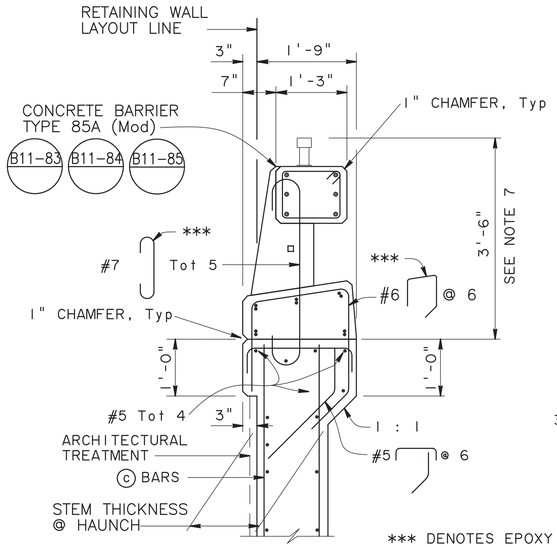
NOTES:

1. For Retaining wall Architectural finish or texture see Details elsewhere in Project Plans.
2. For details not shown and drainage notes, see B3-5. Substitution of geocomposite drain for pervious backfill material is not permitted.
3. Footing cover, 2'–0" minimum.
4. For H=6' through 10', extend ⓒ bars into Barrier for stem with haunch.
5. Dimensions may vary with roadway cross slope and with certain thickness of surfacing. See Project Plans.
6. Provide #6 @ 12" X 16'–0" ⓐ bar over a distance of 8'–0" measured from all expansion joints begin wall and end wall locations. For H≤14' hook ⓐ bar into footing and reduce bar length as needed to maintain Min Clr cover.
7. Limits of Epoxy Coated Bar Reinforcement.



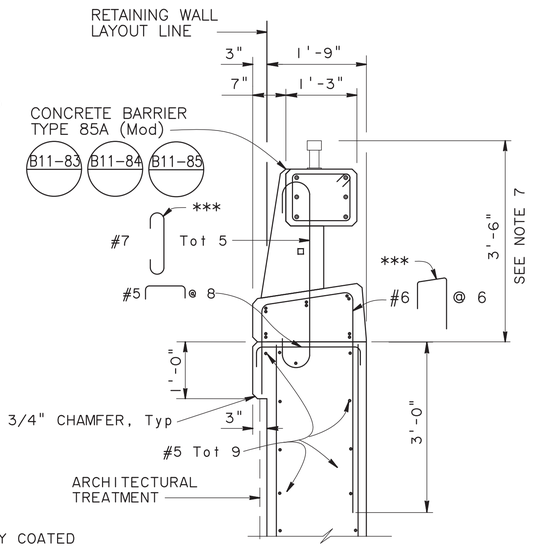
PILE FOOTING SECTION ②
NO SCALE

FOOTING FOR H=14 SHOWN, OTHERS SIMILAR.



DETAIL A – WITH HAUNCH ②
3/4" = 1'–0"

For Details not shown, see "DETAIL A – WITHOUT HAUNCH" (H=6, H=8 & H=10 similar)



DETAIL A – WITHOUT HAUNCH ②
3/4" = 1'–0"

For Details not shown, see "DETAIL A – WITH HAUNCH" (H=14 & H=12 similar)

*** DENOTES EPOXY COATED BAR REINFORCEMENT

SHEET 203 OF 262 **S-ST-12**

BRIDGE STANDARD DETAILS		
xs14-375-1 (FILE NO.)	October 2014 (APPROVAL DATE)	*The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California*

① INFORMATION ADDED ③ REVISED NOTE
② REVISED DETAIL ④ ADD PAD DETAIL

PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS

BRIDGE NO.	51E0027
POST MILE	2.1

RETAINING WALL NO. 19
RETAINING WALL TYPE 7B (Mod)-DETAILS NO. 1

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => USERNAME => ecisneros TIME PLOTTED => 7:16 pm DATE PLOTTED => Mar 11, 2025

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: — PROJECT NUMBER & PHASE: 05180002291 CONTRACT NO.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
6-19-14	8-8-14	8-28-15	7-14-16	12	18

JA\180027 - SL\Goleta Bike Path, Sc Extent 2018-023 - G\Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\xs14-375-1.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	123	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK III
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

TABLE OF WALL DIMENSIONS, REINFORCING STEEL AND BEARING STRESS DATA (1)

DESIGN H	STEM WITH HAUNCH			STEM WITHOUT HAUNCH												
	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'	34'	36'
W	8'-3"	8'-3"	8'-3"	8'-3"	10'-0"	8'-3"	8'-6"	9'-0"	10'-0"	10'-9"	11'-9"	12'-6"	13'-6"	14'-6"	15'-6"	16'-0"
C	7'-0"	7'-0"	6'-9"	6'-6"	8'-3"	6'-6"	6'-6"	6'-9"	7'-6"	8'-0"	9'-0"	9'-0"	9'-9"	10'-6"	11'-6"	11'-9"
B	1'-3"	1'-3"	1'-6"	1'-9"	1'-9"	1'-9"	2'-0"	2'-0"	2'-6"	2'-9"	2'-9"	3'-6"	3'-9"	4'-0"	4'-0"	4'-3"
F (3)	2'-9"	2'-9"	2'-9"	2'-9"	3'-0"	2'-4"	2'-6"	2'-6"	2'-9"	2'-9"	3'-0"	3'-3"	3'-6"	3'-9"	3'-9"	4'-0"
STEM THICKNESS AT TOP (4)	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	1'-7"	1'-9"	1'-9"	1'-9"	2'-0"	2'-0"	2'-0"	2'-3"	2'-3"	2'-3"	2'-6"
STEM THICKNESS AT HAUNCH	1'-0"	1'-0"	1'-3"	1'-9"***	1'-9"***											
BATTER	0	0	0	0	0	0	0	0	1/4:12	1/4:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12
S	0'-9"	0'-9"	0'-9"	0'-6"	0'-5 2/3"	0'-5"	0'-4 1/3"	0'-8"	0'-7ø"	0'-9"	0'-7ø"	0'-8"	0'-7"	0'-6"	0'-6"	0'-5ø"
ⓐ BARS															#5	#5
ⓑ BARS															#8	#7
hb															28'-3"	29'-0"
ⓒ BARS	#6	#6	#6	#5	#5	#5	#5	#5 ♉	#5 ♉	#5	#5	#5	#5	#5	#11	#11
hsc		7'-10"	9'-10"	11'-10"	13'-10"	13'-6"	11'-6"	17'-3"	16'-3"	20'-0"	18'-9"	20'-6"	21'-6"	23'-0"	17'-0"	17'-9"
hc															22'-0"	25'-0"
ⓓ BARS				#5	#7	#7	#7	#10	#10	#7	#7	#7	#7	#7		
hd				3'-3"	5'-6"	6'-0"	6'-6"	11'-3"	12'-0"	13'-0"	16'-6"	16'-0"	17'-0"	19'-3"		
ⓔ BARS										#10	#10	#11	#11	#11		
he										12'-9"	13'-6"	14'-0"	12'-3"	16'-6"		
ⓖ BARS						#5 @ 15	#5 @ 13	#5 @ 16	#6 @ 15	#7 @ 18	#5 @ 15	#8 @ 16	#7 @ 14	#7 @ 12	#5 @ 6	#5 @ 5½
BARS BUNDLED WITH ⓖ in ftg						SHORT ⓒ	SHORT ⓒ	ⓓ	ⓓ	SHORT ⓒ & ⓔ	SHORT ⓒ & ⓔ	SHORT ⓒ & ⓔ	SHORT ⓒ & ⓔ	SHORT ⓒ & ⓔ	ⓒ & SHORT ⓒ	ⓒ & SHORT ⓒ
ⓗ BARS															#5 @ 24	#5 @ 11
ⓢ BARS	#4 @ 12	#4 @ 12	#5 @ 15	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#7 @ 12	#7 @ 12	#7 @ 12	#7 @ 12
ⓣ BARS	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12

*** DENOTES WALL THICKNESS AT DEPTH 1'-0" DOWN FROM TOP OF WALL

NOTE:

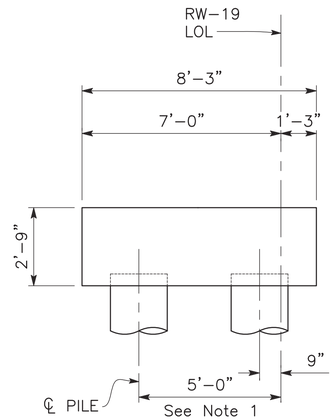
ⓗ Bar spacing shown is along the length of the retaining wall.

LEGEND:

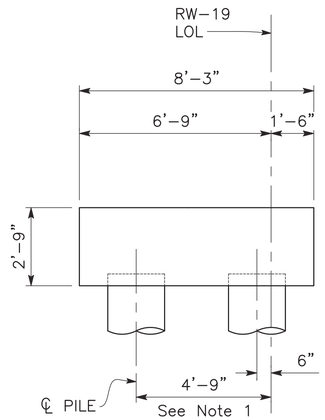
♉: 2 bar bundle

NOTE:

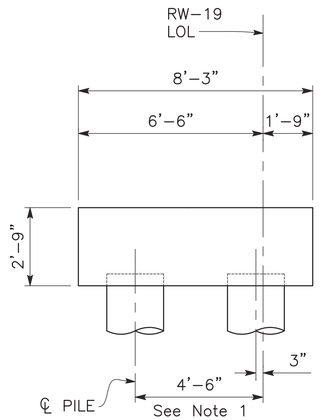
1. See "Structure plan No.1- "Structure plan No. 5" for staggered spacing.



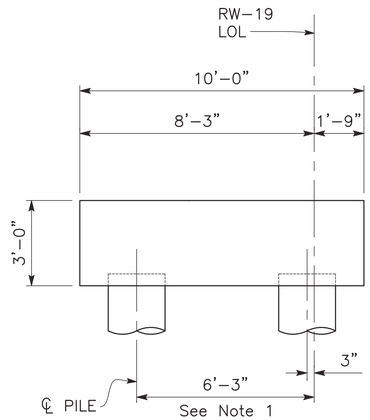
H=8' & 6'



H=10'



H=12'



H=14'

PILE PATTERN (2)
NO SCALE

SHEET 204 OF 262 **S-ST-13**

BRIDGE STANDARD DETAILS

xs14-375-2	October 2014	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

(1) BEARING STRESS DATA REMOVED
(2) PILE FOOTING DETAILS ADDED
(3) FOOTING THICKNESS REVISED
(4) STEM WALL THICKNESS REVISED

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

BRIDGE NO.	51E0027
POST MILE	2.1

RETAINING WALL NO. 19
RETAINING WALL TYPE 7B (Mod)-DETAILS NO. 2

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => USERNAME => ecisneros TIME PLOTTED => 7:17 pm DATE PLOTTED => Mar 11, 2025

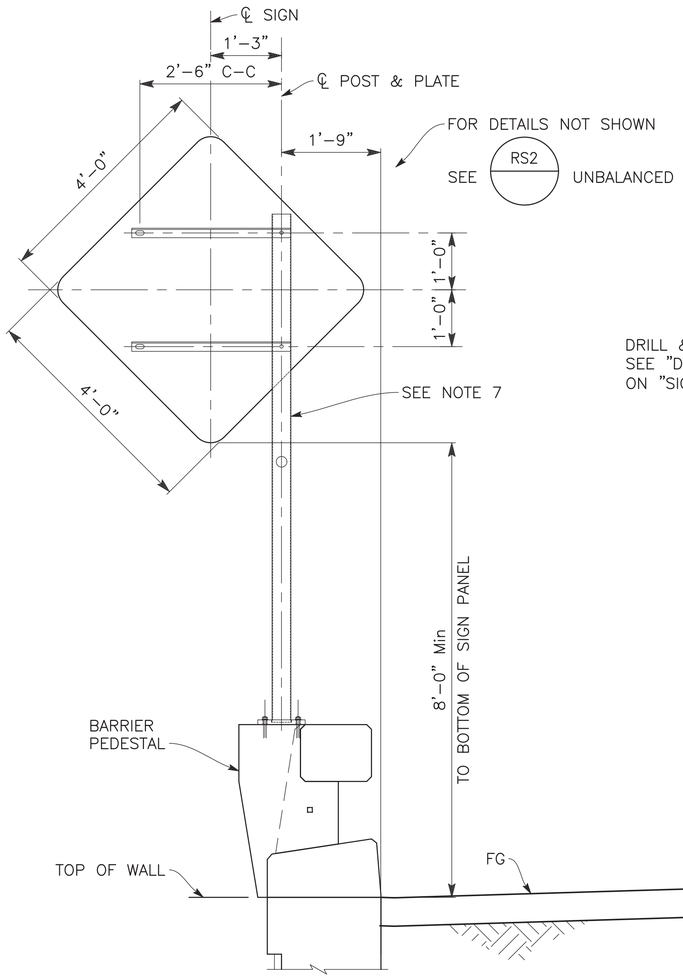
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: ___
PROJECT NUMBER & PHASE: 05180002291 CONTRACT NO.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
6-19-14	8-6-14	7-14-16	13	18

LRFD\XS14-375-2.dgn - SJ Green Bike Path, Sc. Extent 2018-023 - G: Goleta\400 Project Design Files\430 Bridges & Structures\Drawings\NEW No. 19\xs14-375-2.dgn

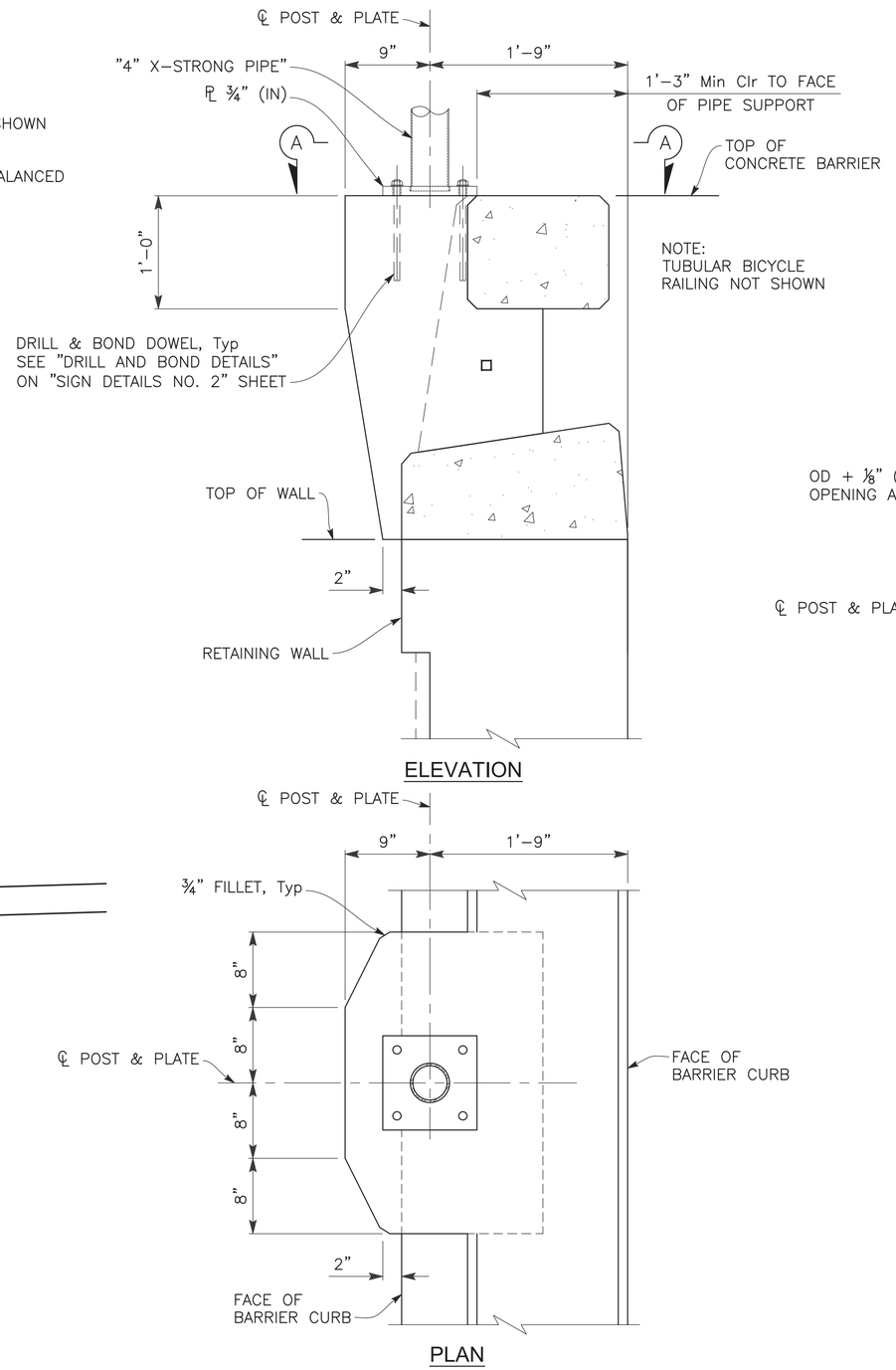


BARRIER MOUNTED SIGN (TYPE 85A (Mod)) DETAIL

¾" = 1'–0"

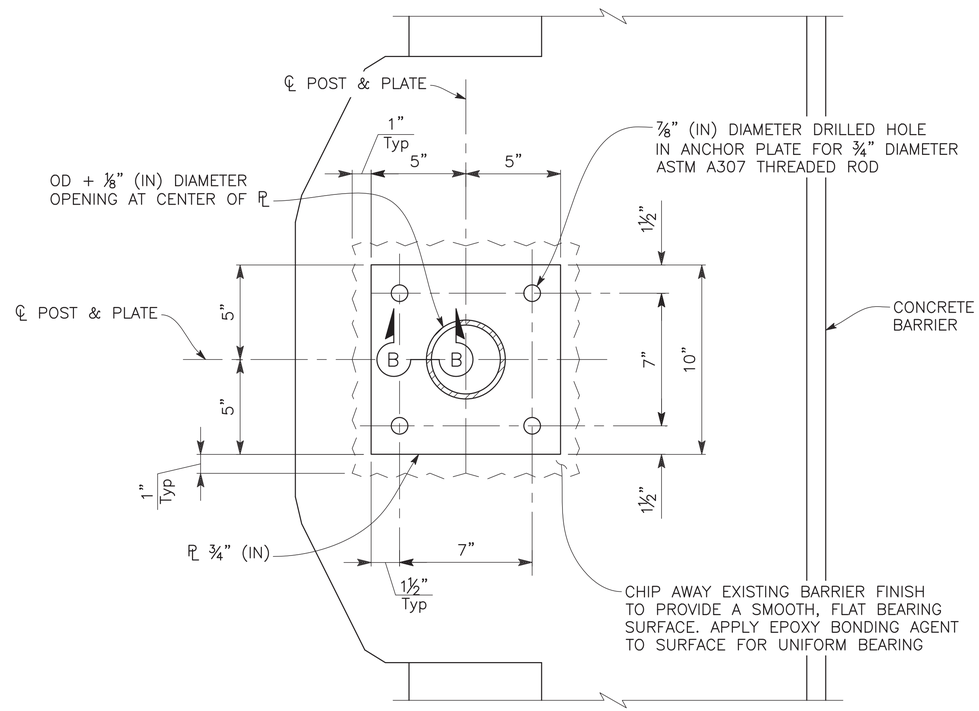
NOTES:

1. SIZE OF FILLET WELD SHALL BE ¼" (IN) MINIMUM EXCEPT WHERE NOTED.
2. ROTATE SIGNON POST TO BE NORMAL TO TRAFFIC.
3. NO DRILL AND BOND DOWEL SHALL BE NEARER THAN 1'–6" FROM A VERTICAL EXPANSION JOINT AND DRILL AND BOND DOWEL SHALL CLEAR ANY EMBEDDED ELECTRICAL CONDUIT.
4. SIGN SUPPORT SHALL BE INSTALLED ON CAST–IN–PLACE CONCRETE BARRIERS RIGIDLY CONNECTED TO BRIDGE OR RETAINING WALL.
5. ANCHORS SHALL BE BOLTED INTO REINFORCED CONCRETE ONLY WITH A NOMINAL THICKNESS NO LESS THAN 9" (IN). BASE PLATE SHALL BE INSTALLED SUCH THAT FULL BEARING CONTACT IS ACHIEVED.
6. DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING THE LOCATION SHALL BE MOVED AND THE HOLE ABANDONED.
7. FOR SIGN DETAILS NOT SHOWN, SEE RS2 .
8. FOR BARRIER AND SIGN DETAILS NOT SHOWN, SEE "SIGN DETAILS NO. 2" SHEET.



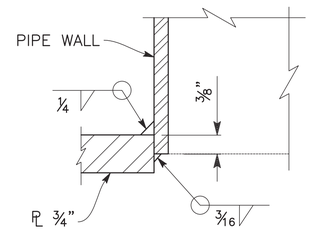
BARRIER PEDESTAL DETAIL

1½" = 1'–0"



VIEW A-A

3" = 1'–0"



SECTION B-B

6" = 1'–0"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	124	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SHEET 205 OF 262

S-ST-14

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
SIGN DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:17 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	14	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	125	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

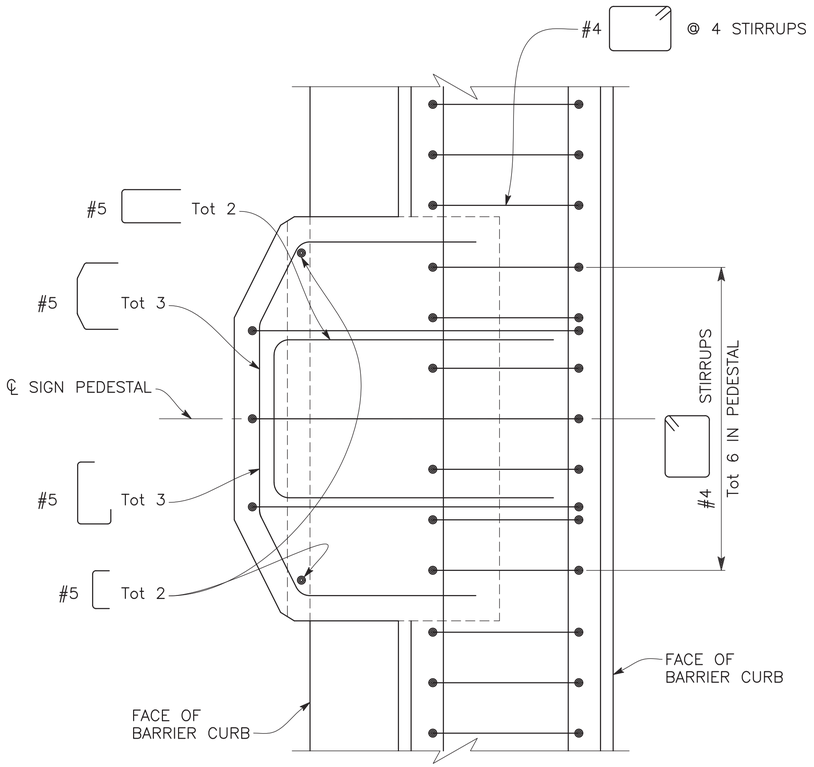
March 14, 2025
PLANS APPROVAL DATE

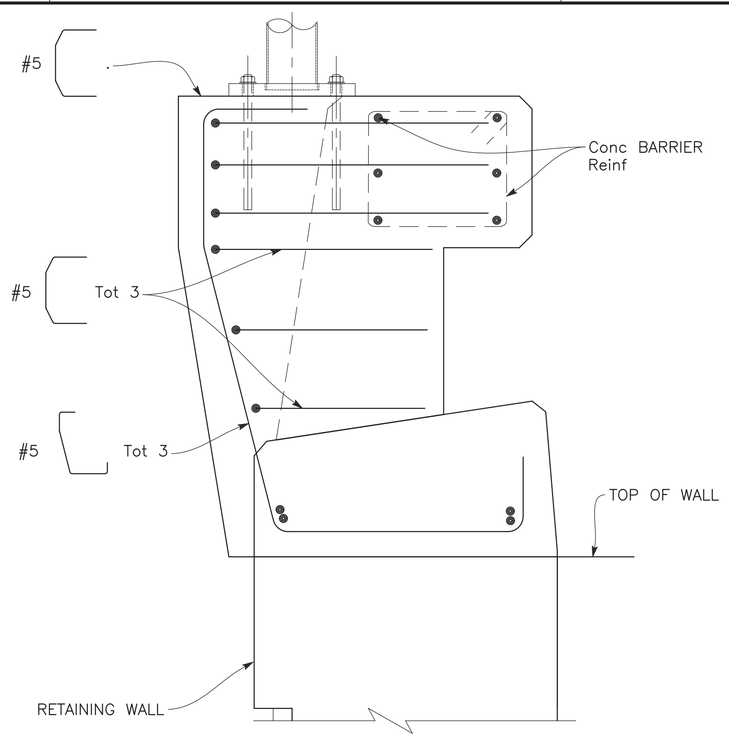
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

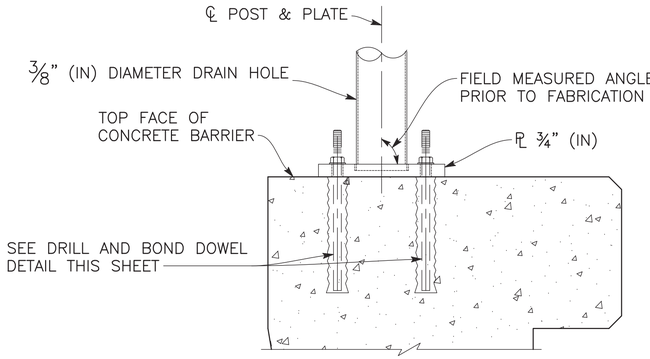
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

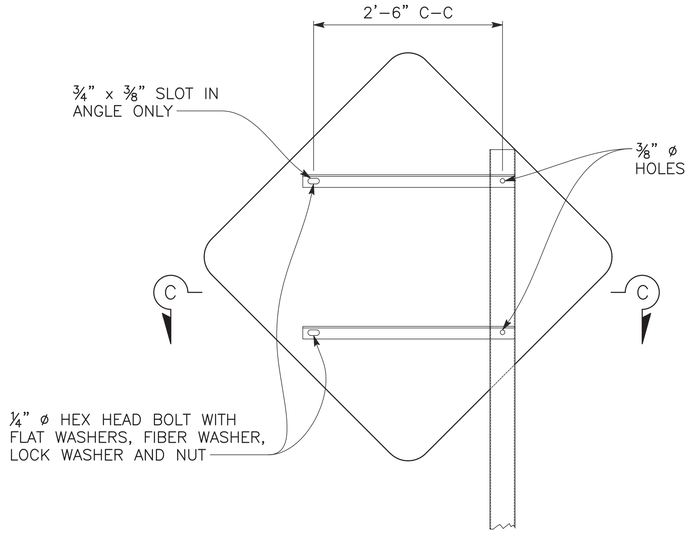




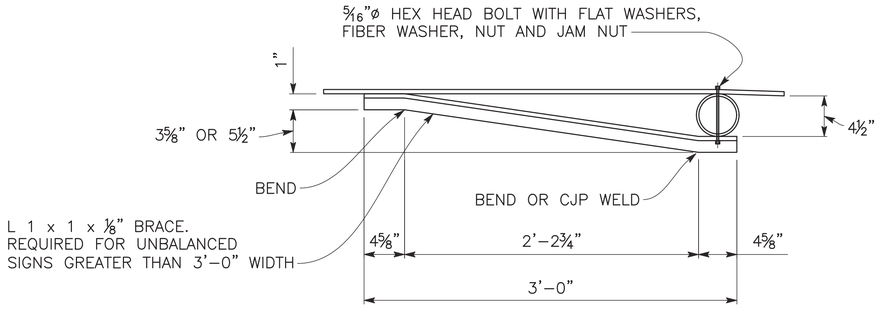


END PLATE DETAIL
2" = 1'-0"

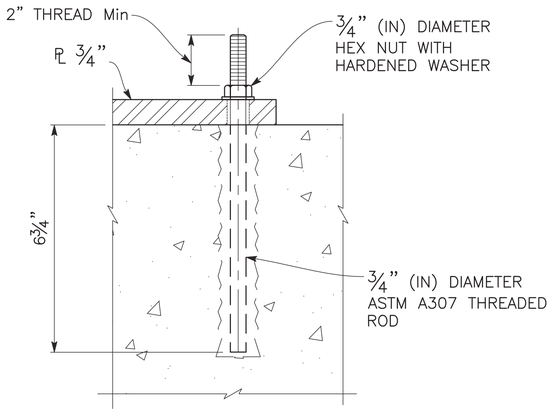
PEDESTAL REINFORCEMENT DETAIL
2" = 1'-0"
FOR REINFORCEMENT NOT SHOWN SEE B11-83



UNBALANCED
NO SCALE



SECTION C-C
NO SCALE



DRILL AND BOND DOWEL DETAIL
NO SCALE
INSTALL ANCHOR BOLT NORMAL TO CONCRETE SURFACE

SHEET 206 OF 262 **S-ST-15**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
SIGN DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:17 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	15	18

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW-SD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	126	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

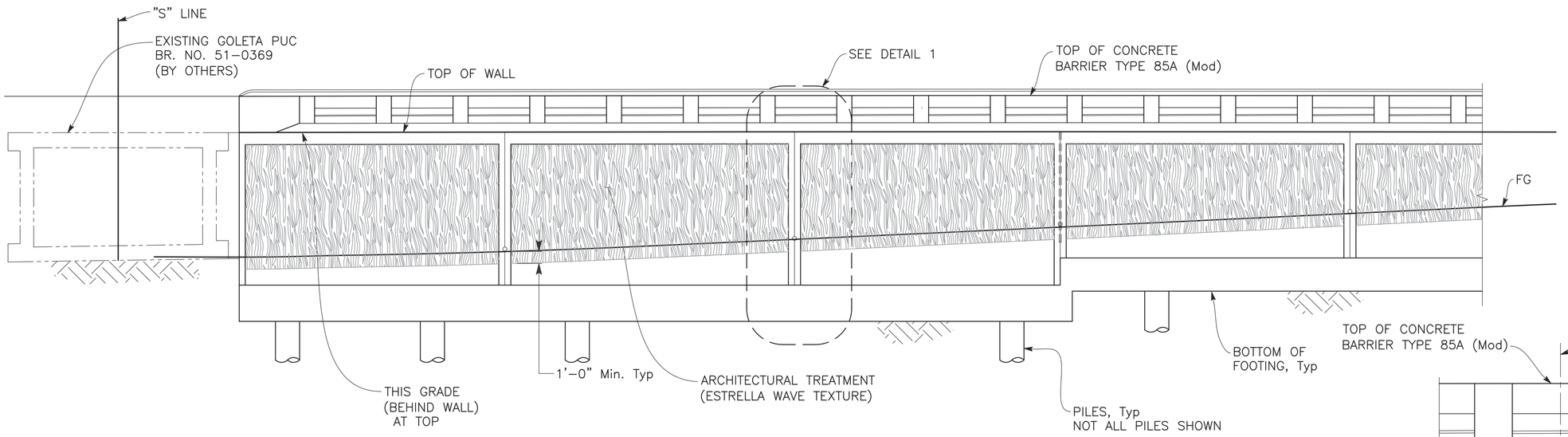
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

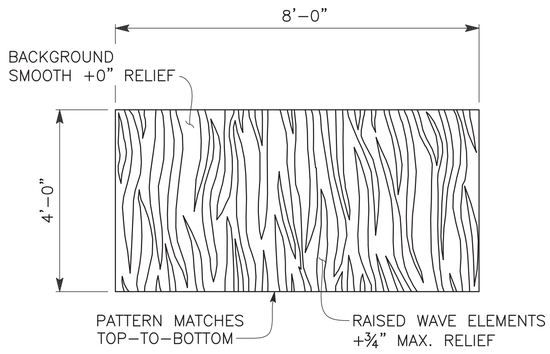
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

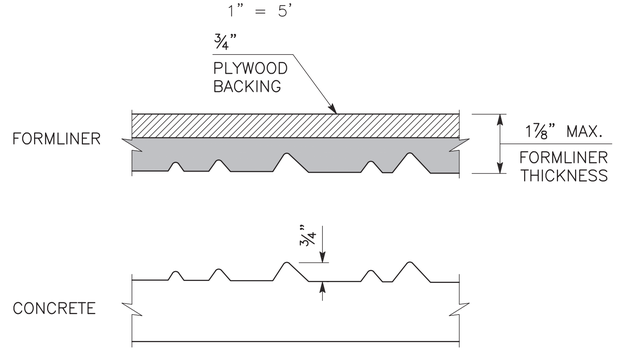
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TYPICAL PART MIRRORED ELEVATION

1" = 5'

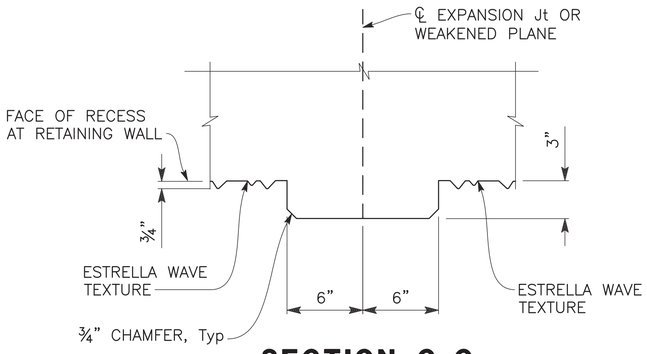




ESTRELLA WAVE TEXTURE DETAIL

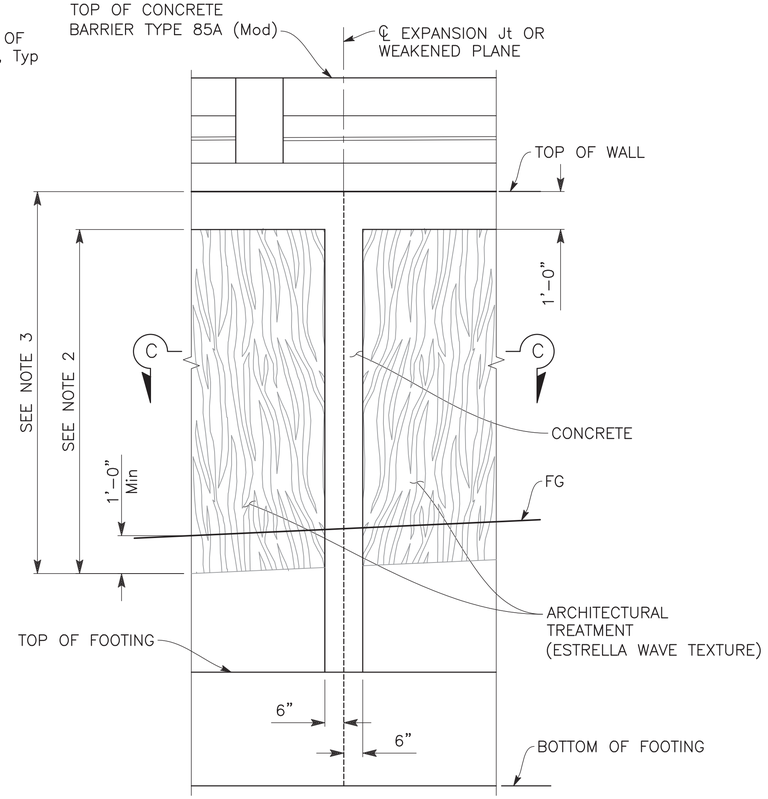
NO SCALE

NOTE: Estrella Wave texture for Retaining Wall shall be oriented vertically.



SECTION C-C

2" = 1'–0"



DETAIL 1

½" = 1'–0"

NOTES:

1. No horizontal joints will be permitted in forms liner.
2. limits of payment for Architectural Treatment.
3. limits of Anti–Graffitti Coating.

SHEET 207 OF 262

S-ST-16

DESIGN OVERSIGHT		DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II, PROJECT ENGINEER
		QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	BRIDGE No. 51E0027; POST MILE 2.1

RETAINING WALL NO. 19
ARCHITECTURAL DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:18 pm USERNAME => ecisneros ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES → REVISION DATES 01/30/23 10/02/23 01/17/23 | SHEET 16 | OF 18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–AD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	127	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

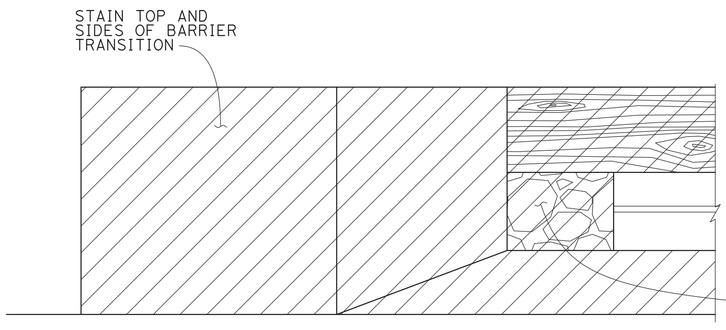
1. Random Cobble Stone Texture form liner and color to match Statuesque Referee Sample.
2. Wood Grain texture to be Rough Cut cedar wood.
3. For limits of architectural treatment, see "GENERAL PLAN NO. 1, GENERAL PLAN NO. 2, AESTHETIC DETAILS NO. 1 and AESTHETIC DETAILS NO. 2" sheets.
4. All textured surfaces of barrier rails, retaining walls shall be coated with anti–graffiti coating.

LEGEND:

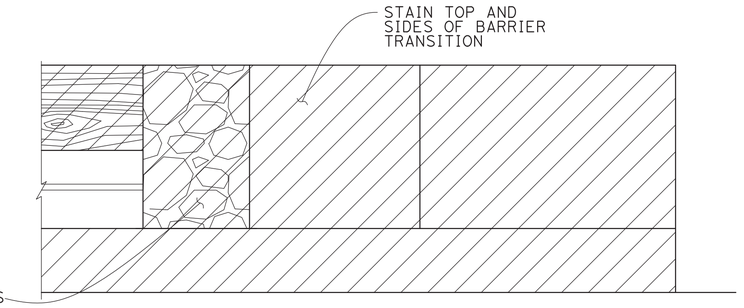
Random Cobble Stone Texture (Maximum Relief = 1.5")

Wood Grain texture (Maximum Relief = ⅛")

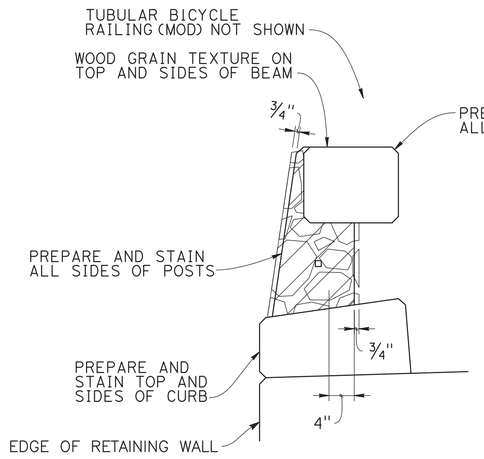
Prepare and Stain Concrete



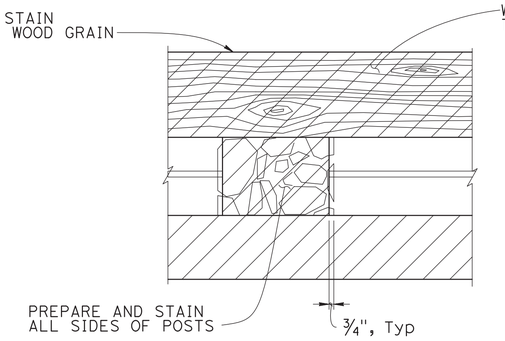
INTERIOR TRANSITION ELEVATION



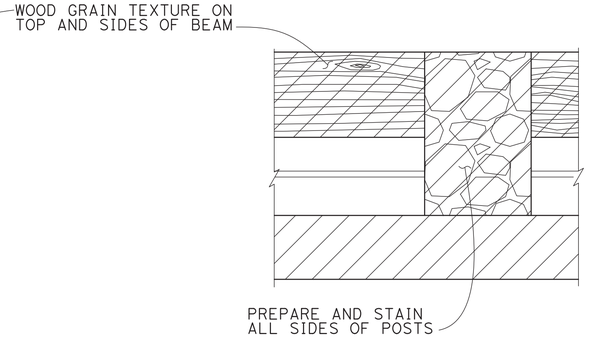
EXTERIOR TRANSITION ELEVATION



SECTION VIEW



INTERIOR ELEVATION



EXTERIOR ELEVATION

CONCRETE BARRIER TYPE 85 (MOD) ARCHITECTURAL TREATMENT DETAILS

1" = 1'–0"

SHEET 208 OF 262 **S-ST-17**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO

PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
ARCHITECTURAL DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:18 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	17	18

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–AD.dwg

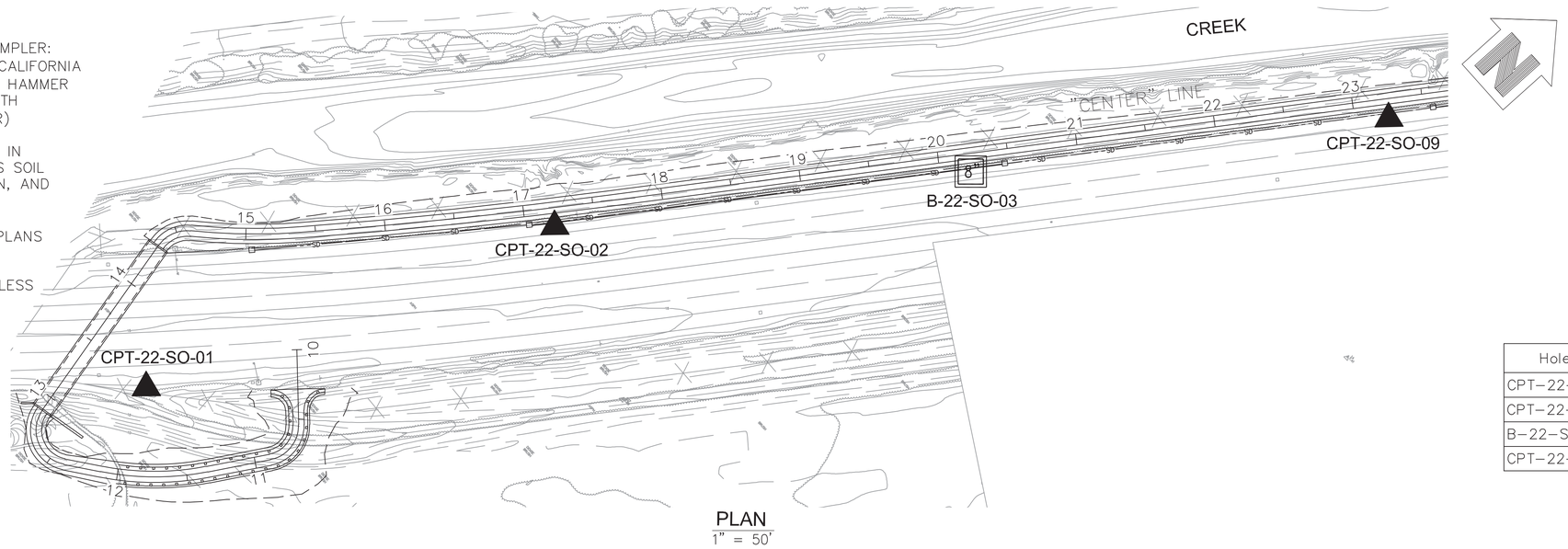
NOTES:

STANDARD PENETRATION TEST SAMPLER: I.D. = 1.4"; O.D. = 2" MODIFIED CALIFORNIA SAMPLER: I.D. = 2.5"; O.D. = 3" HAMMER ASSEMBLY: A 140 LB HAMMER WITH A 30" DROP (AUTOMATIC HAMMER)

THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK, LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

SEE CALTRANS 2018 STANDARD PLANS A10F, A10G FOR SOIL LEGEND.

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN



PLAN
1" = 50'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	217	1.02	128	159

GEOTECHNICAL PROFESSIONAL — 5-18-23 DATE

March 14, 2025
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

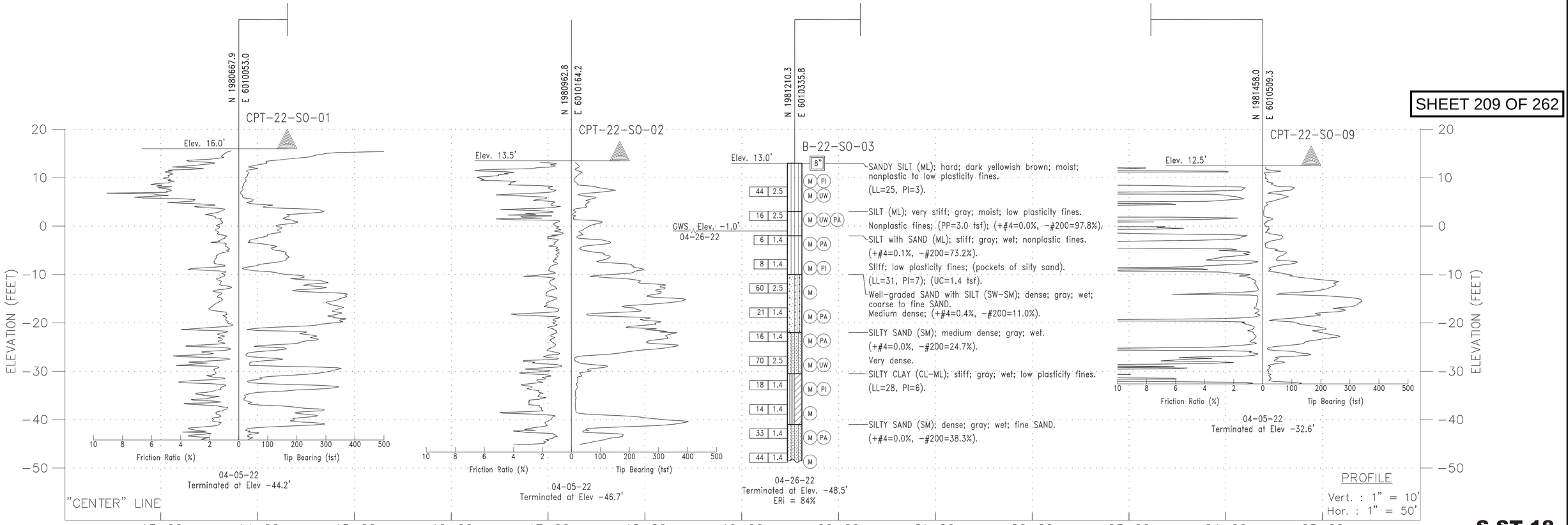
REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670-6061

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-22-SO-01	"CENTER" LINE	13+45 52' Rt.
CPT-22-SO-02	"CENTER" LINE	17+21 13' Rt.
B-22-SO-03	"CENTER" LINE	20+22 13' Rt.
CPT-22-SO-09	"CENTER" LINE	23+25 14' Rt.



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 50'

SHEET 209 OF 262

S-ST-18

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	L.S. BHANGOO	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI	BRIDGE NO. 51E0027	RETAINING WALL NO. 19
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	FIELD INVESTIGATION BY: DATE: April 2022		PROJECT ENGINEER	POST MILES 2.1	LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3585
PROJECT NUMBER & PHASE: 0518000229 1 CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
	18	18

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	129	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

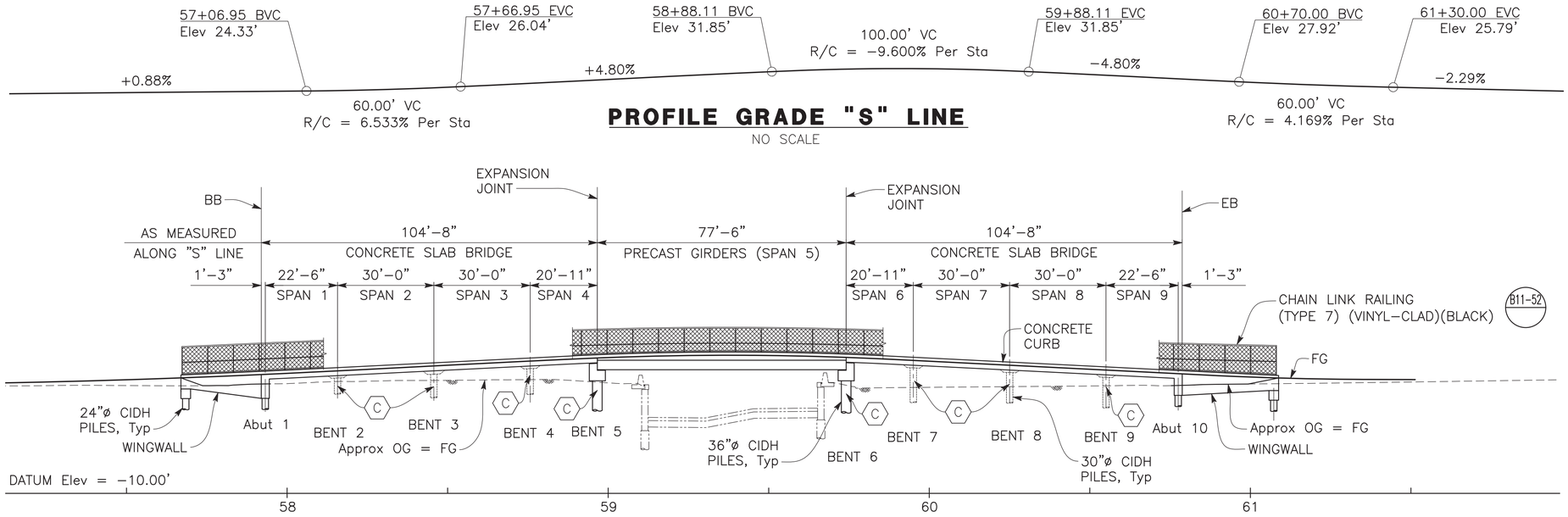
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

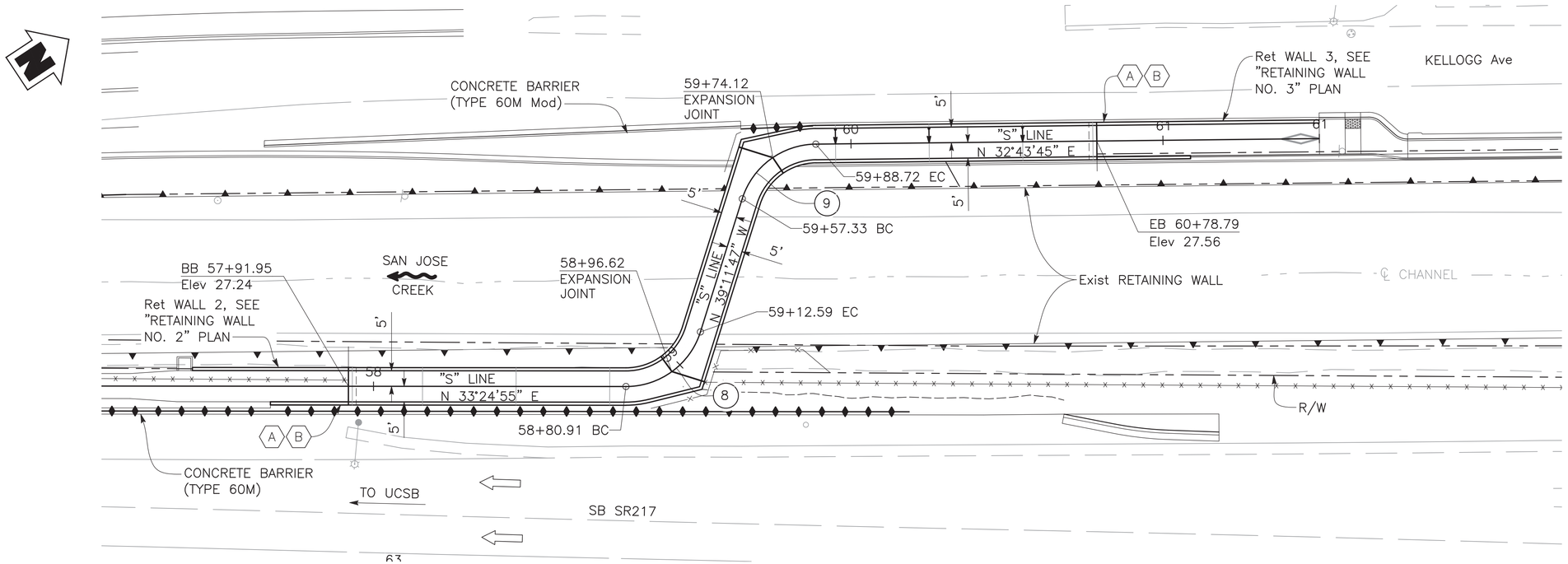


PROFILE GRADE "S" LINE

NO SCALE

DEVELOPED ELEVATION

1" = 20'



PLAN

1" = 20'

CURVE DATA

No.	R	Δ	T	L
8	25.00'	72°36'42"	18.37'	31.68'
9	25.00'	71°55'33"	18.14'	31.38'

KEY NOTES:

- (A) Paint "GOLETA POC"
- (B) Paint "Bridge No. 51−0370"
- (C) Paint Bent Number

LEGEND:

- Indicate Direction of Traffic
- Indicates direction of Water Flow
- Indicates Deck Drain

NOTES:

1. For "Typical Section", see "GENERAL PLAN NO. 2" sheet.
2. For "General Notes", see "INDEX TO PLANS" sheet.
3. For "Quantities", see "INDEX TO PLANS" sheet.

SHEET 210 OF 262 **S-ST-19**

DESIGN OVERSIGHT	DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO	
SIGN OFF DATE	QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51−0370
POST MILE 1.92

GOLETA POC
GENERAL PLAN NO. 1

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:03 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05−1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/2020 02/23/17/23	1	31

FILE => U:\19007 − SJ Creek Bike Path So Extent 2019−023 − Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE−PEDESTRIAN\SR217_SEXTENT−GP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	130	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

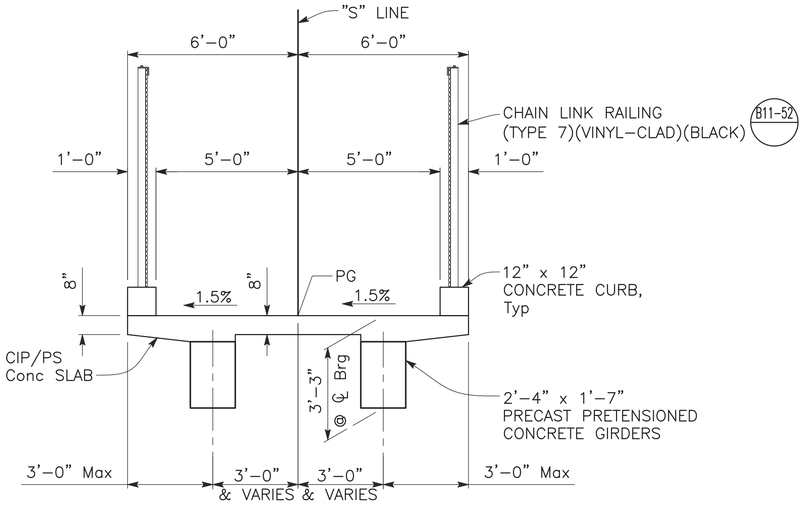
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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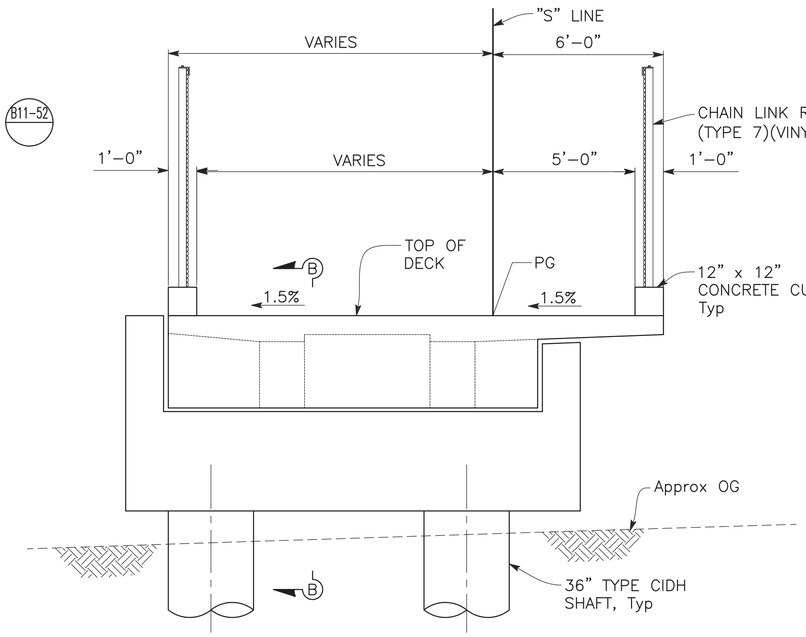
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SECTION AT PRECAST GIRDERS

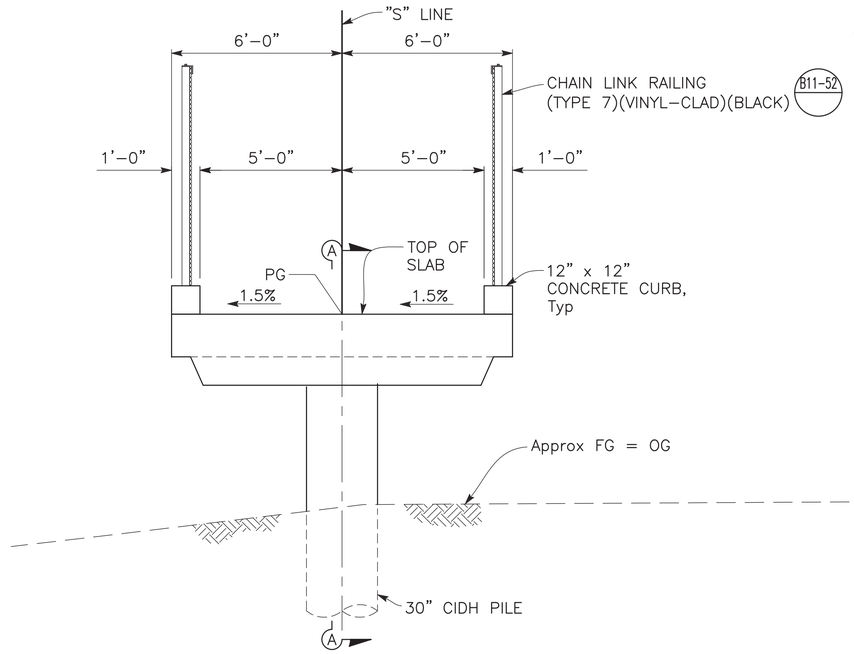
⅜" = 1'-0"



TYPICAL SECTION AT EXPANSION JOINT

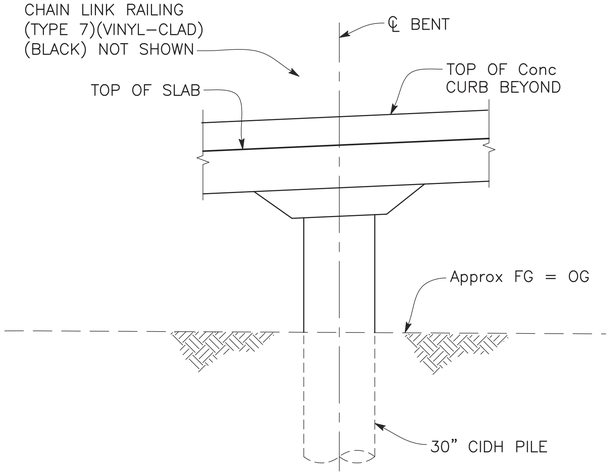
⅜" = 1'-0"

(EXPANSION JOINT NORTH SHOWN, EXPANSION JOINT SOUTH SIMILAR OPPOSITE HAND)



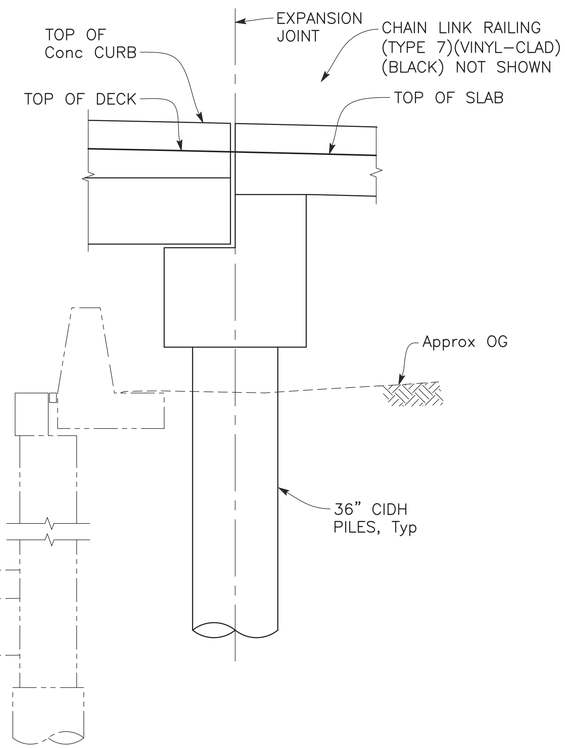
TYPICAL SECTION AT CONCRETE SLAB BRIDGE

⅜" = 1'-0"



SECTION A-A

⅜" = 1'-0"



SECTION B-B

⅜" = 1'-0"

SHEET 211 OF 262 **S-ST-20**

DESIGN OVERSIGHT	DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	BRIDGE No. 51-0370
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II, PROJECT ENGINEER	POST MILE 1.92
SIGN OFF DATE	QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS		

GOLETA POC
GENERAL PLAN NO. 2

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:03 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	2	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-GP.dwg

INDEX TO PLANS

SHEET NO.	NO.	TITLE
1	S-ST-1	GENERAL PLAN NO. 1
2	S-ST-2	GENERAL PLAN NO. 2
3	S-ST-3	INDEX TO PLANS
4	S-ST-4	DECK CONTOURS
5	S-ST-5	FOUNDATION PLAN
6	S-ST-6	ABUTMENT 1 & 10 LAYOUT
7	S-ST-7	ABUTMENT DETAILS NO. 1
8	S-ST-8	ABUTMENT DETAILS NO. 2
9	S-ST-9	ABUTMENT DETAILS NO. 3
10	S-ST-10	BENT LAYOUT
11	S-ST-11	BENT 5 LAYOUT
12	S-ST-12	BENT 6 LAYOUT
13	S-ST-13	BENT DETAILS NO. 1
14	S-ST-14	BENT DETAILS NO. 2
15	S-ST-15	BENT DETAILS NO. 3
16	S-ST-16	BENT DETAILS NO. 4
17	S-ST-17	TYPICAL SECTION NO. 1
18	S-ST-18	TYPICAL SECTION NO. 2
19	S-ST-19	GIRDER LAYOUT
20	S-ST-20	GIRDER DETAILS NO. 1
21	S-ST-21	GIRDER DETAILS NO. 2
22	S-ST-22	SLAB DETAILS NO. 1
23	S-ST-23	SLAB DETAILS NO. 2
24	S-ST-24	SLAB DETAILS NO. 3
25	S-ST-25	DECK DRAIN LAYOUT
26	S-ST-26	DECK DRAIN DETAILS
27	S-ST-27	RETAINING WALL NO. 2 – GENERAL PLAN
28	S-ST-28	RETAINING WALL NO. 3 – GENERAL PLAN
29	S-ST-29	RETAINING WALL DETAILS
30	S-ST-30	JOINT ARMOR FOR PEDESTRIAN WALKWAYS
31	S-ST-31	LOG OF TEST BORINGS

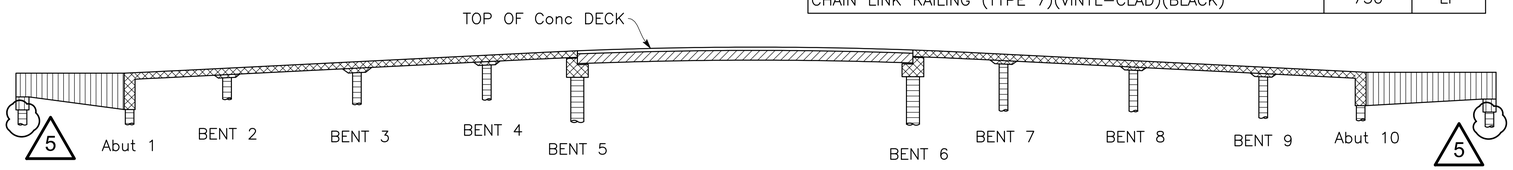
CALTRANS STANDARD PLANS DATED 2023

STANDARD PLAN SHEET No.

DETAIL No.

QUANTITIES

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (BRIDGE)	57	CY
STRUCTURE EXCAVATION (RETAINING WALL)	162	CY
STRUCTURE BACKFILL (BRIDGE)	44	CY
STRUCTURE BACKFILL (RETAINING WALL)	141	CY
24" CAST-IN-DRILLED-HOLE CONCRETE PILING	1,091	LF
30" CAST-IN-DRILLED-HOLE CONCRETE PILING	284	LF
36" CAST-IN-DRILLED-HOLE CONCRETE PILING	250	LF
STRUCTURAL CONCRETE, BRIDGE	120	CY
STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	172	CY
STRUCTURAL CONCRETE, RETAINING WALL	105	CY
FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (70-80)	2	EA
ERECT PRECAST PRESTRESSED CONCRETE GIRDER	2	EA
JOINT SEAL (MR = 1½")	32	LF
JOINT SEAL (TYPE AL)	122	LF
BAR REINFORCING STEEL (BRIDGE)	121,123	LB
BAR REINFORCING STEEL (RETAINING WALL)	30,578	LB
BAR REINFORCING STEEL (GALVANIZED)	123	LB
HEADED BAR REINFORCEMENT	48	EA
MINOR CONCRETE (SLAB)	45	CY
MISCELLANEOUS METAL (BRIDGE)	805	LB
BRIDGE DECK DRAINAGE SYSTEM	455	LB
CHAIN LINK RAILING (TYPE 7)(VINYL-CLAD)(BLACK)	750	LF



CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE

LEGEND:

- Structural Concrete, Bridge (Polymer Fiber) (f'c = 4.0 ksi @ 28 days)
- PC/PS Concrete Girder, see "GIRDER DETAILS NO. 1" sheet
- Structural Concrete, Bridge (f'c = 4.0 ksi @ 28 days)
- Cast-In-Drilled- Hole Pile (f'c = 4000 psi @ 28 days)
- ~~Structural Concrete, Bridge Footing (f'c = 3.6 ksi @ 28 days)~~ 5
- Structural Concrete, Bridge (f'c = 3.6 ksi @ 28 days)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	131	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

DESIGN: AASHTO LRFD Bridge Design Specifications, 8th Edition and the Caltrans Amendments, preface dated August, 2019
AASHTO LRFD Guide Specifications for the Design of Pedestrians Bridges, dated December 2009.

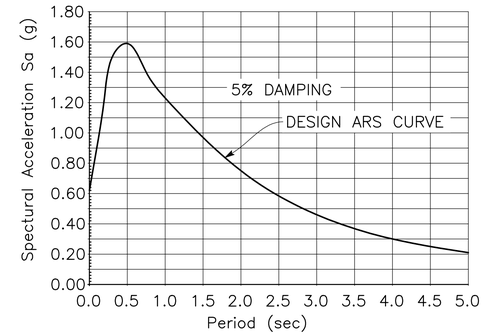
SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 2.0 April 2019.

LIVE LOADING: H5 and 90 psf Pedestrian Loading.

SEISMIC LOADING: Soil profile: V_{s30} = 190 m/s

Moment Magnitude: 6.74

Peak Ground Acceleration = 0.62g



Acceleration Response Spectrum

REINFORCED CONCRETE:
fy = 60 ksi
f'c = 3.6 @ 28 days ksi UON, see "CONCRETE STRENGTH AND TYPE LIMITS"
n = 8

S-ST-21

DESIGN OVERSIGHT		DESIGN	F. CASIMIRO	R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	E. CISNEROS	F. CASIMIRO	
		QUANTITIES	F. CASIMIRO	R. PIXLEY	

ANTHONY DUBOVIK II — PROJECT ENGINEER

BRIDGE No. 51-0370 — POST MILE 1.92

GOLETA POC
INDEX TO PLANS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => May 20, 2025 — TIME PLOTTED => 8:22 am — USERNAME => clayton — ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 — COUNTY/ROUTE: SB/217 — CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23 5/20/25	3	31

5

FILE => \\ran-fs\RanchoCordova\Projects\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-IP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	132	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

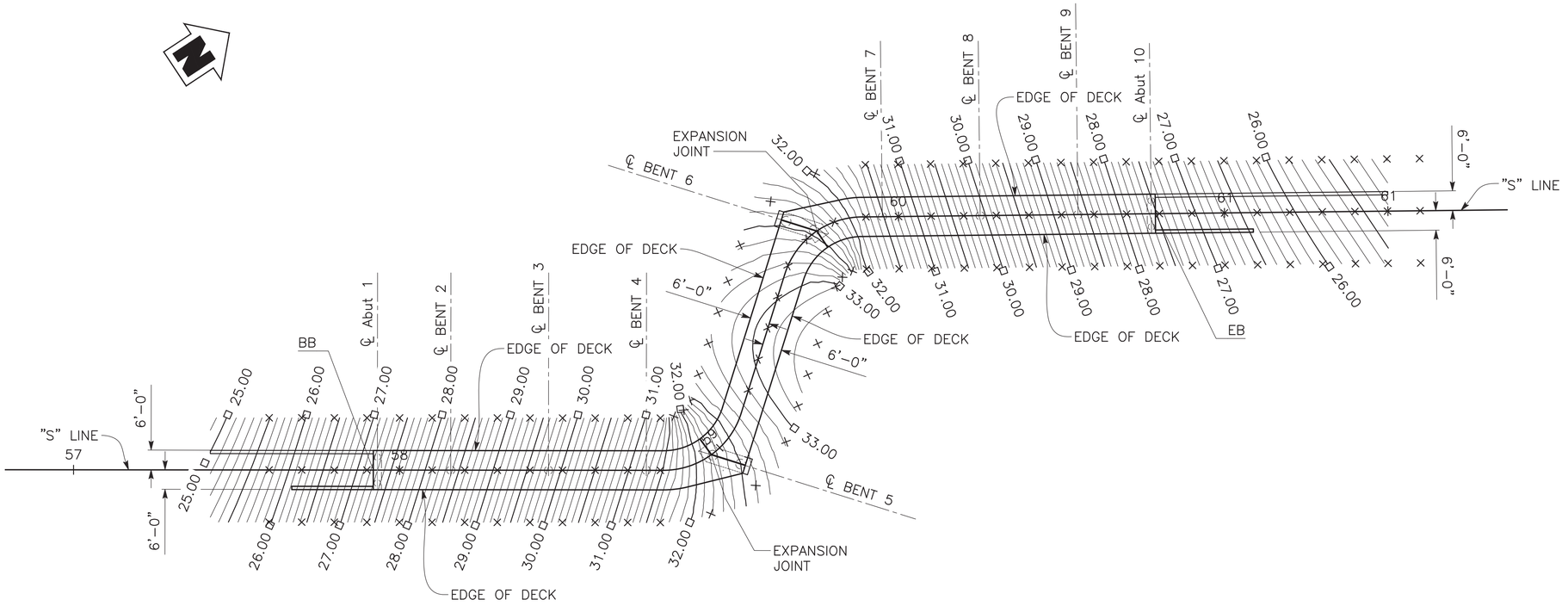
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
1" = 20'

NOTES:

1. Contours do not include Camber.
2. 0.1' Contour Interval.
3. × = Indicates 10' Intervals along "S" Line.
4. □ = Indicates whole foot contours.

SHEET 213 OF 262 **S-ST-22**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II PROJECT ENGINEER	BRIDGE No. 51–0370
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO			POST MILE 1.92
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY			

GOLETA POC
DECK CONTOURS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:04 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	4	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–DC.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	133	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

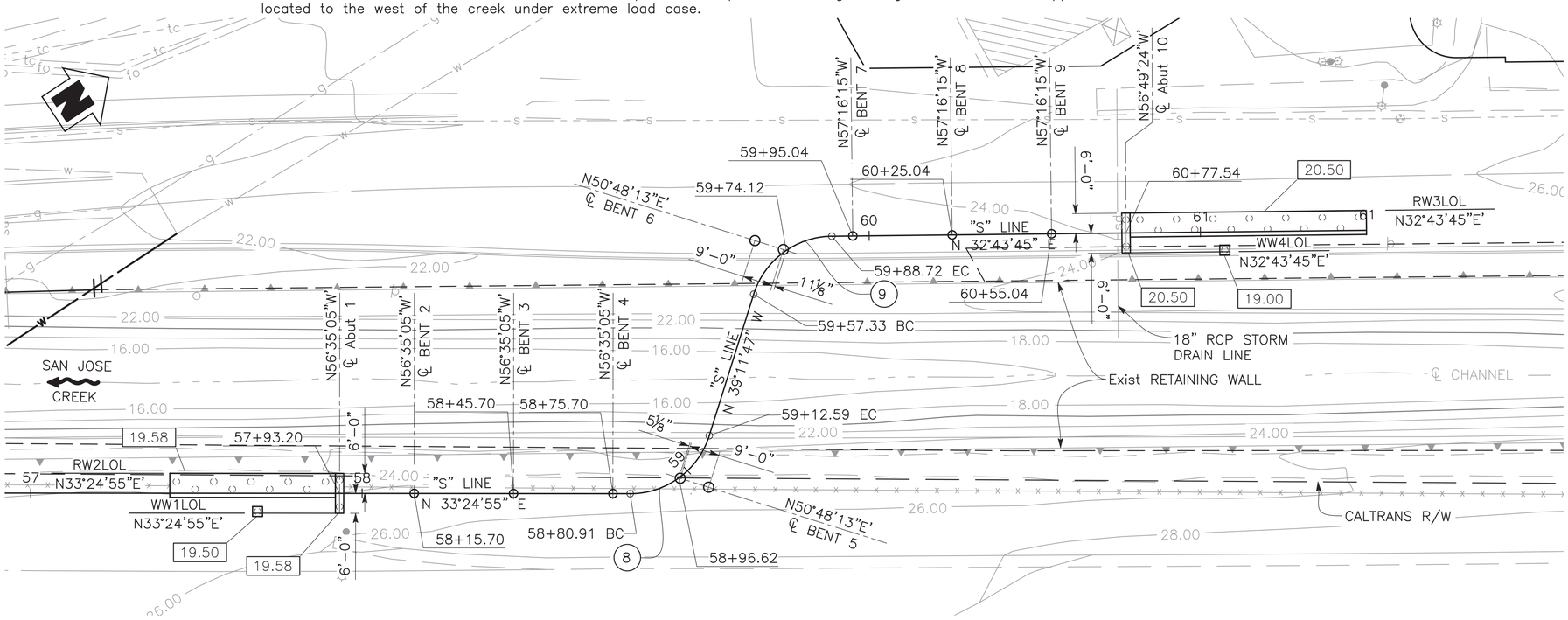
BENCH MARKS:

See "Road Plans"

PILE DATA TABLE

LOCATION	PILE TYPE	PILE CUT–OFF Elev	NOMINAL RESISTANCE (kips)		DESIGN TIP ELEVATIONS (ft)	SPECIFIED TIP ELEVATIONS (ft)
			COMPRESSION	TENSION		
Abut 1	24" CIDH	19.83	90	N/A	–11.5 (a)	–11.5
WINGWALL 1	24" CIDH	19.75	40	N/A	–11.0 (a)	–11.0
Ret WALL 2	24" CIDH	19.83	130	N/A	–15.5 (a)	–15.5
BENT 2	30" CIDH	22.50	240	N/A	–24.0 (a)	–24.0
BENT 3	30" CIDH	23.00	260	N/A	–28.0 (a)	–28.0
BENT 4	30" CIDH	23.25	240	N/A	–25.5 (a)	–25.5
BENT 5	36" CIDH	22.25	390	190	–36.0 (a), –23.5 (b)	–36.0
BENT 6	36" CIDH	21.25	390	190	–45.5 (a), –16.0 (b)	–45.5
BENT 7	30" CIDH	21.00	250	N/A	–24.5 (a)	–24.5
BENT 8	30" CIDH	21.25	270	N/A	–25.0 (a)	–25.0
BENT 9	30" CIDH	21.50	250	N/A	–24.0 (a)	–24.0
Ret WALL 3	24" CIDH	20.75	130	N/A	–22.5 (a)	–22.5
Abut 10	24" CIDH	20.75	80	N/A	–19.0 (a)	–19.0
WINGWALL 4	24" CIDH	19.25	40	N/A	–18.0 (a)	–18.0

1. Design Tip Elevations are controlled by: (a) Compression, (b) Tension.
2. The Specified Tip Elevation should not be raised above the design tip elevation for compression and tension.
3. Based on discussion with the designer, lateral tips do not govern the design.
4. Settlement demands do not govern the design.
5. In addition to the demands from the structure, liquefaction imposed downdrag loading is added to the support located to the west of the creek under extreme load case.



PLAN
1" = 20'

LEGEND:

XX	Indicates Bottom of Footing Elevation
	Indicates Direction of Water Flow
○	Indicates 24" CIDH Pile
○	Indicates 30" CIDH Pile
○	Indicates 36" CIDH Pile

CURVE DATA

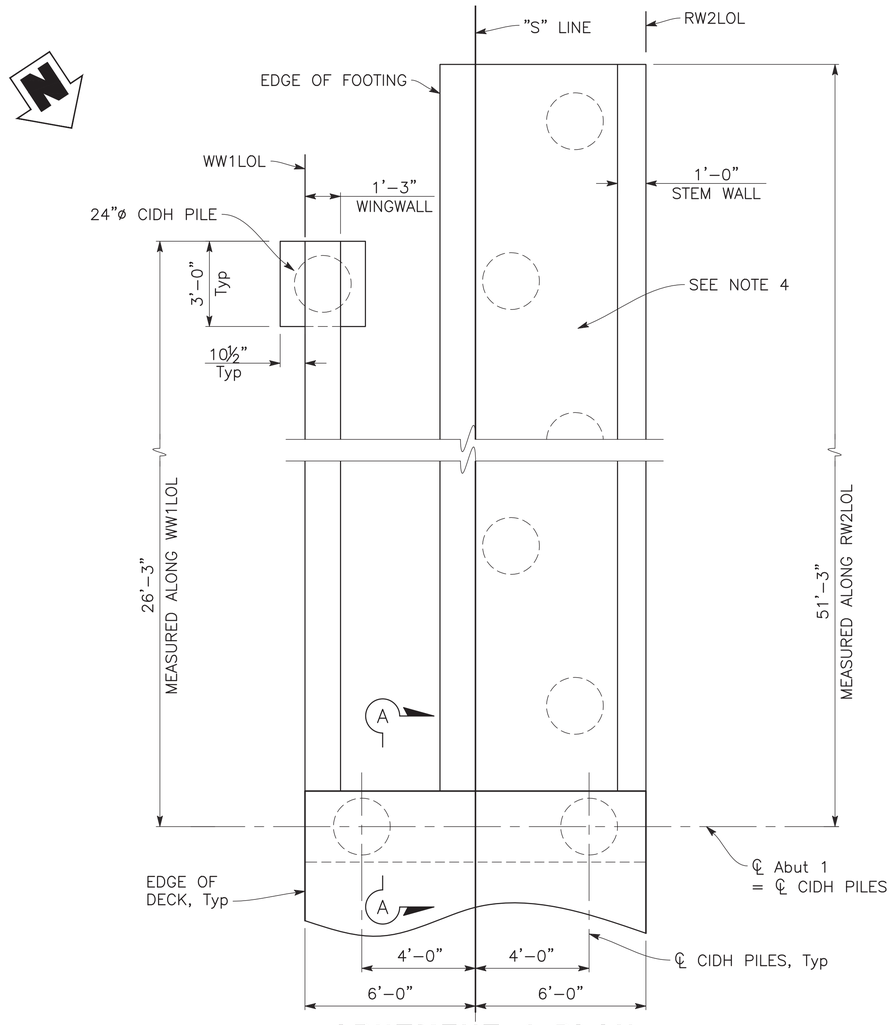
No.	R	Δ	T	L
(8)	25.00'	72°36'42"	18.37'	31.68'
(9)	25.00'	71°55'33"	18.14'	31.38'

SHEET 214 OF 262 **S-ST-23**

DESIGN OVERSIGHT	SCALE: X	VERT.DATUM: NAVD88	HORZ.DATUM: NAD83(2014)	DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II PROJECT ENGINEER	BRIDGE No. 51–0370	GOLETA POC
	PHOTOGRAMMETRY AS OF: X	ALIGNMENT TIES: X		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO			POST MILE 1.92	FOUNDATION PLAN
SIGN OFF DATE	SURVEYED BY X	DRAFTED BY X		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY				
STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)	FIELD CHECKED BY X	CHECKED BY X		DATE PLOTTED => Mar 13, 2025	TIME PLOTTED => 1:58 pm	USERNAME => ecisneros	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	PROJECT NUMBER & PHASE: 05180002291	COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304	DISREGARD PRINTS BEARING EARLIER REVISION DATES → REVISION DATES: 01/30/23 10/02/23 11/17/23

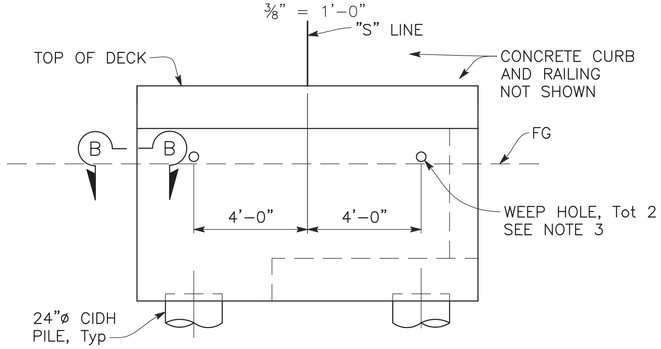
SHEET 5 OF 31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–FP.dwg



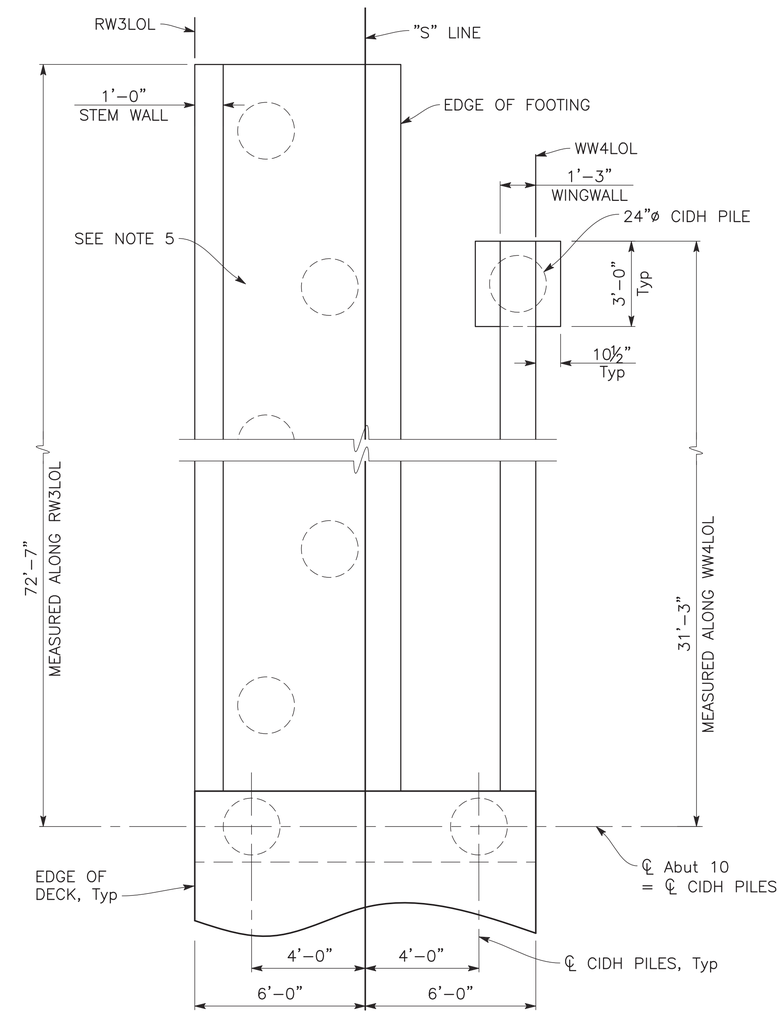
ABUTMENT 1 PLAN

⅜" = 1'–0"



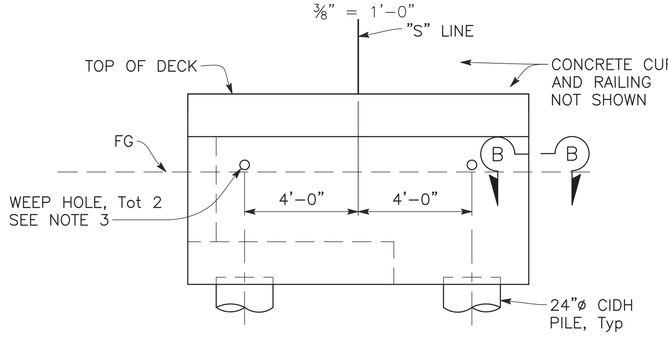
ABUTMENT 1 ELEVATION

⅜" = 1'–0"



ABUTMENT 10 PLAN

⅜" = 1'–0"



ABUTMENT 10 ELEVATION

⅜" = 1'–0"

NOTES:

1. For "SECTION A–A", see "ABUTMENT DETAILS NO. 1" sheet.
2. For "WINGWALL DETAIL" & "SECTION B–B, see "ABUTMENT DETAILS NO. 2" sheet.
3. For "WEEP HOLE AND GEOCOMPOSITE DRAIN DETAIL", see "ABUTMENT DETAILS NO. 3" sheet.
4. For "Retaining Wall No. 2" details not shown, see "RETAINING WALL No. 2 – GENERAL PLAN" sheet.
5. For "Retaining Wall No. 3" details not shown, see "RETAINING WALL No. 3 – GENERAL PLAN" sheet.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	134	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SHEET 215 OF 262

S-ST-24

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
ABUTMENT 1 & 10 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:04 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	6	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	135	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

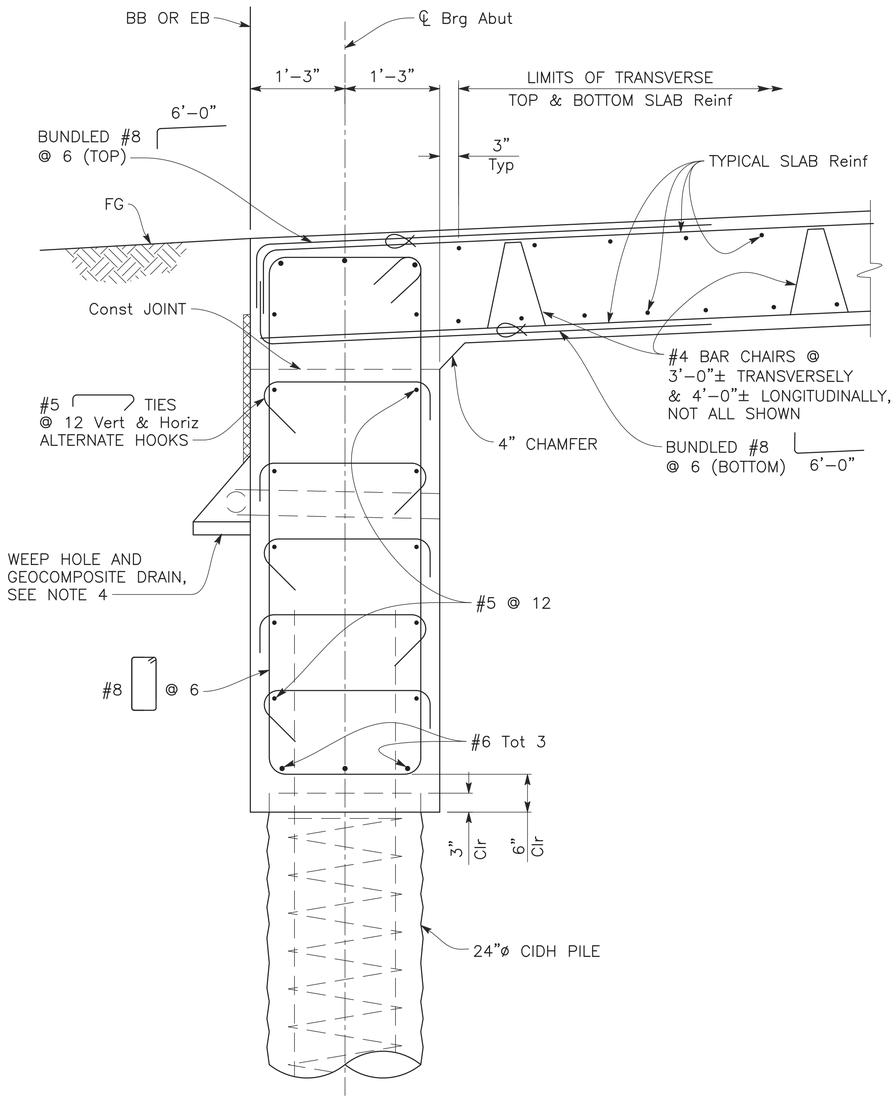
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

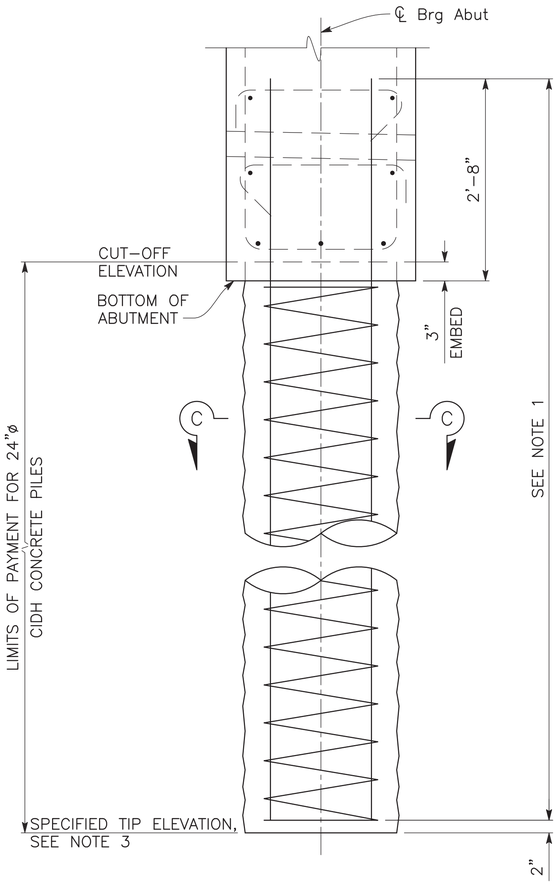
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

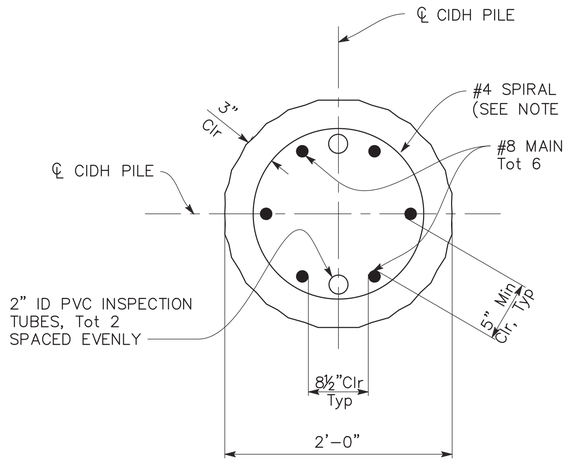
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SECTION A-A
1" = 1'–0"



24" CIDH PILE
1" = 1'–0"



SECTION C-C
1½" = 1'–0"

NOTES:

1. For 24" diameter CIDH pile details, see B2–3.
2. No splices allowed in main longitudinal CIDH pile reinforcement.
3. For Pile Data Table, see "FOUNDATION PLAN" sheet.
4. For "Weep Hole AND GEOCOMPOSITE DRAIN DETAILS" see "ABUTMENT DETAILS NO. 3" sheet.

SHEET 216 OF 262

S-ST-25

DESIGN OVERSIGHT
SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
ABUTMENT DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET
(ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:05 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	7	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	136	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

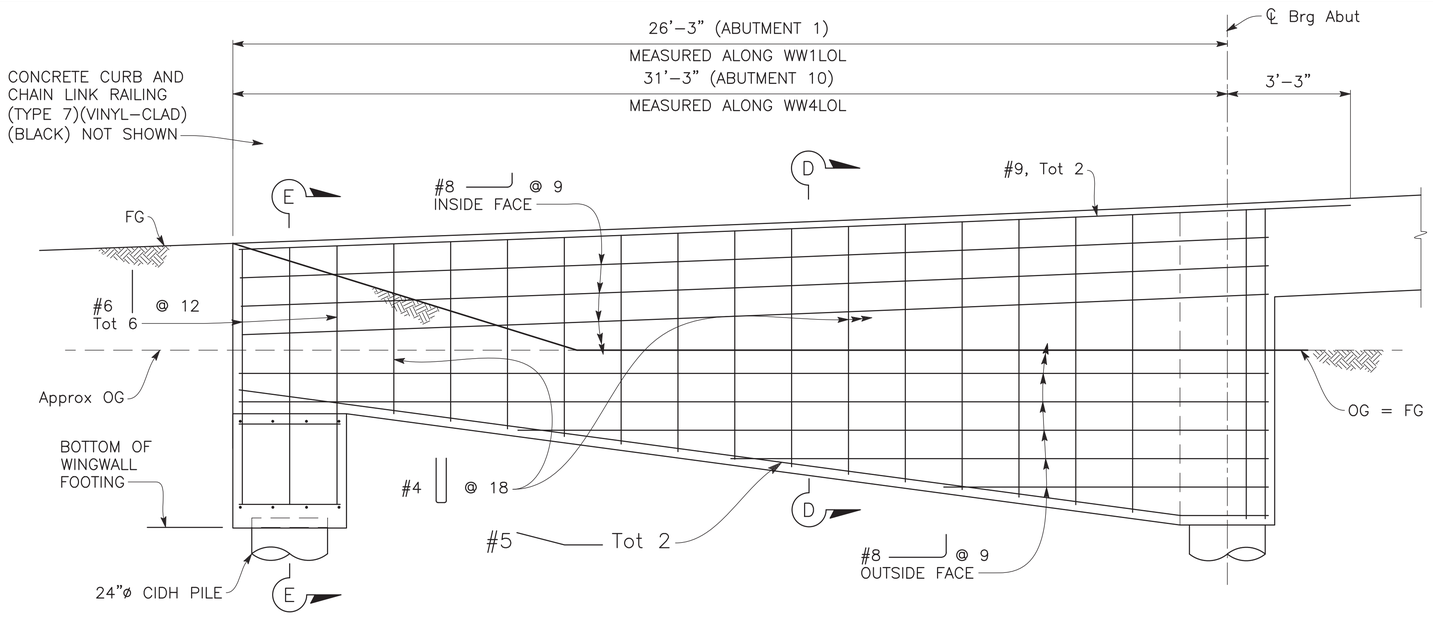
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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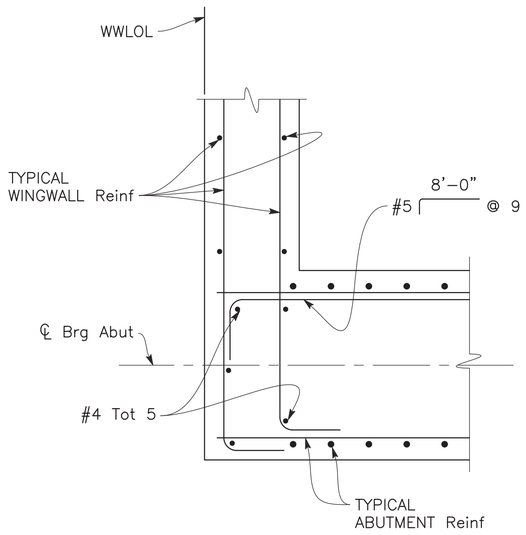
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TYPICAL WINGWALL ELEVATION

3/8" = 1'-0"

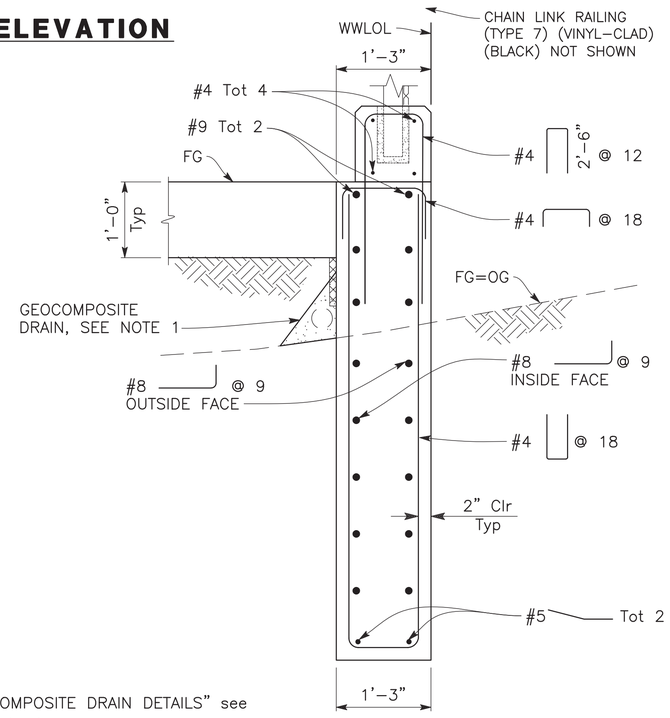


SECTION B-B

1" = 1'-0"

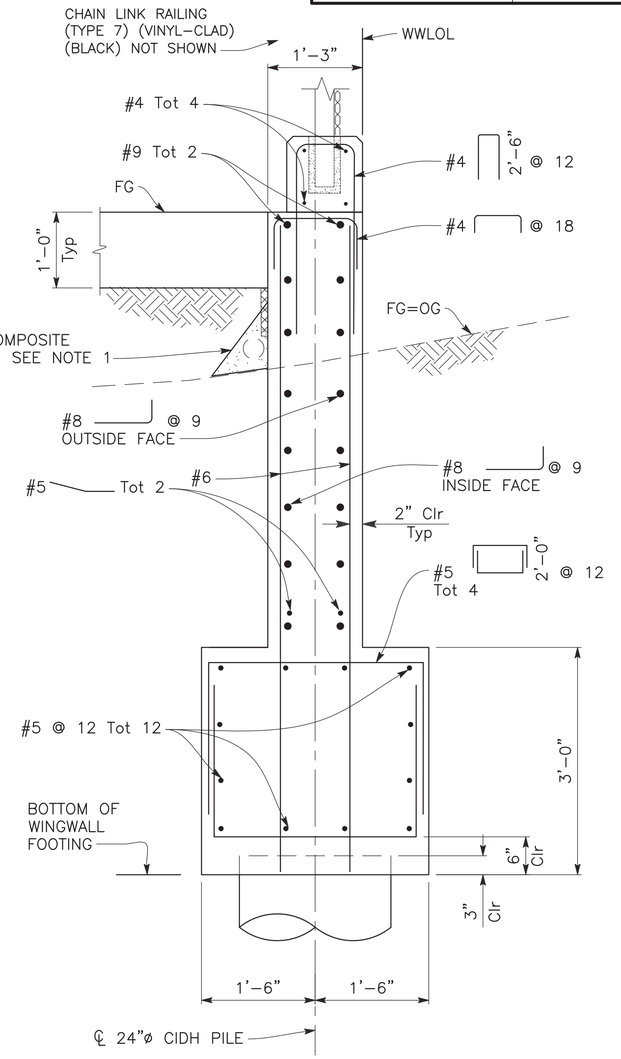
NOTES:

1. For "Weep Hole AND GEOCOMPOSITE DRAIN DETAILS" see "ABUTMENT DETAILS NO. 3" sheet.



SECTION D-D

1" = 1'-0"



SECTION E-E

1" = 1'-0"

SHEET 217 OF 262 **S-ST-26**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
ABUTMENT DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:05 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/27/23 11/17/23	8	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	137	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

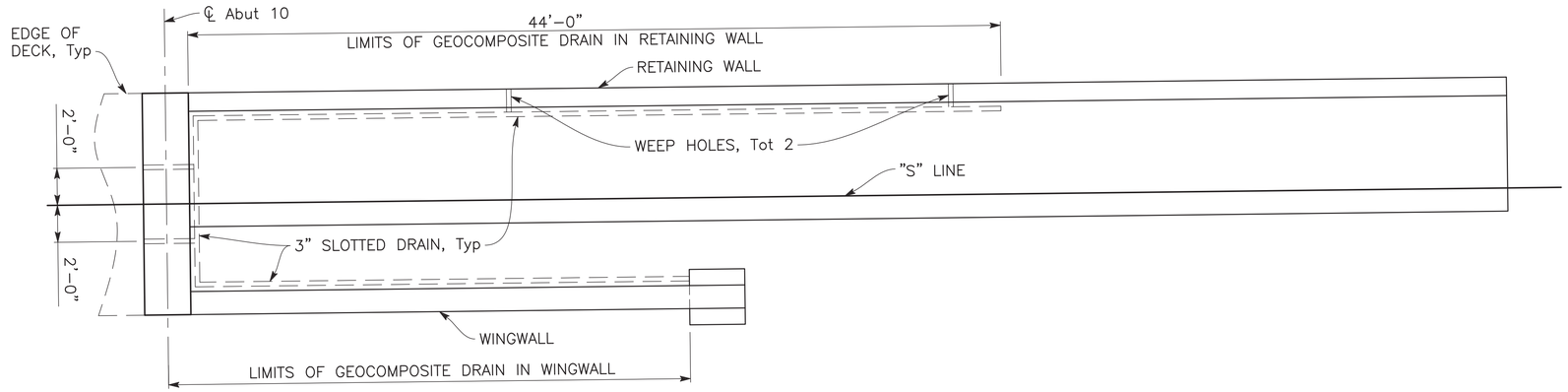
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

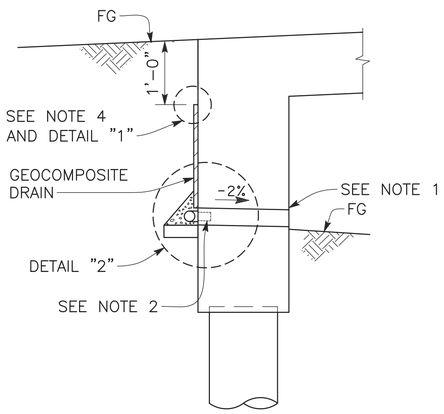
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



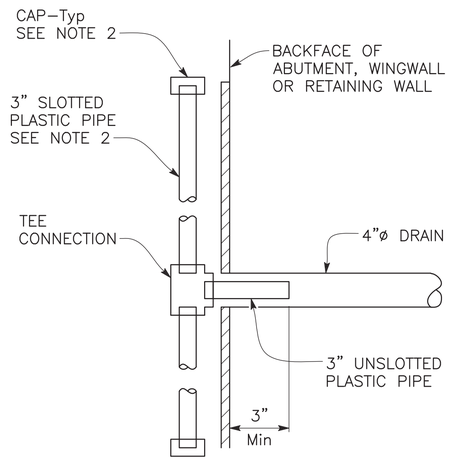
RETAINING WALL NO. 3 DRAINAGE PLAN

NO SCALE

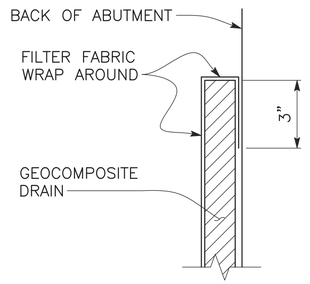
DRAINAGE PLAN AT ABUTMENT 10 SHOWN, DRAINAGE PLAN AT ABUTMENT 1 SIMILAR



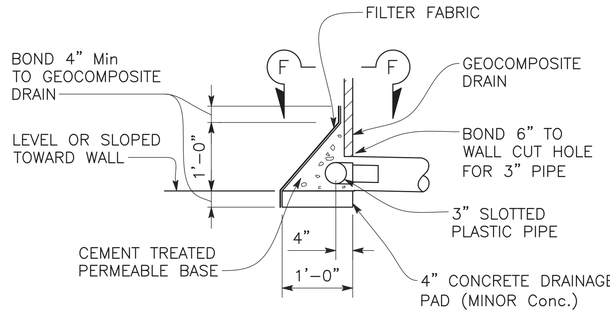
ABUTMENT SECTION



SECTION F-F



DETAIL "1"



DETAIL "2"

WEEP HOLE AND GEOCOMPOSITE DRAIN DETAIL

No Scale

NOTES:

1. 4"ø Drains at Intermediate Sag Points and at 25'–0" Max Center to Center. Exposed Wall Drains shall be located 3"± above Finished Grade.

2. Geocomposite Drain, Cement Treated Permeable Base, Drainage Pad, and 3"ø Slotted Plastic Pipe continuous behind wingwall, or abutment. Cap ends of pipe. Provide "Tee" connection at each 4"ø drain.

3. Connect the low end of plastic pipe to the main outlet pipe as applicable. Provide 1'–0" x 4" Drainage Pad when 3" Slotted Plastic Pipe is not supported by Footing.

SHEET 218 OF 262 **S-ST-27**

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
ABUTMENT DETAILS NO. 3

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:05 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	9	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	138	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

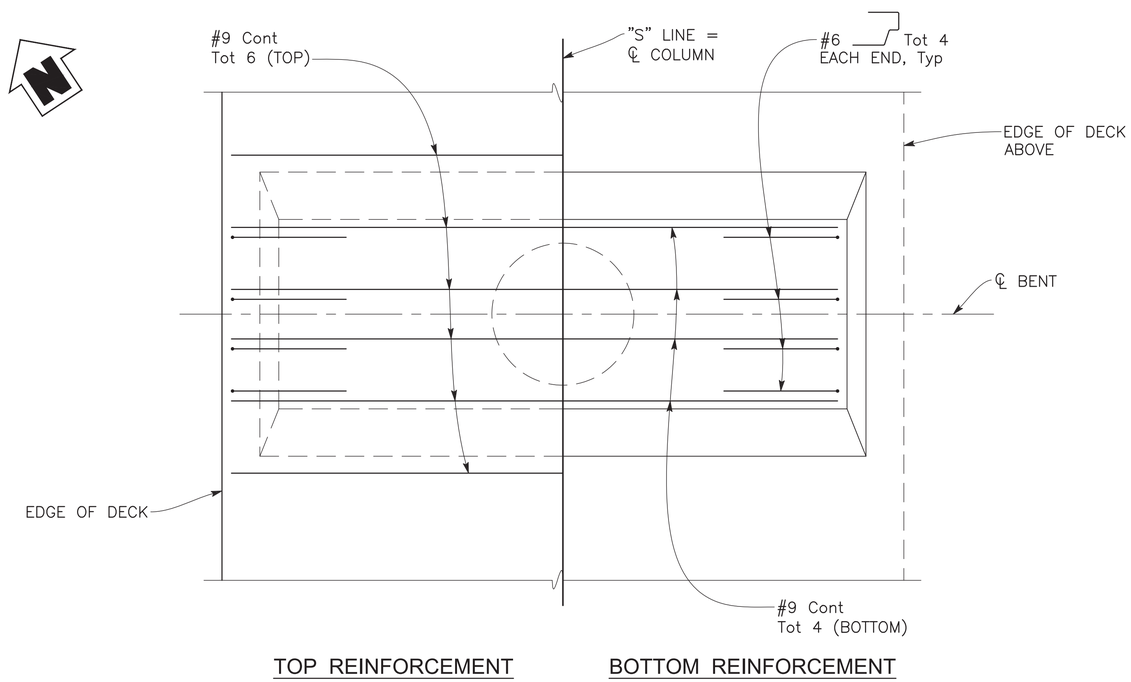
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

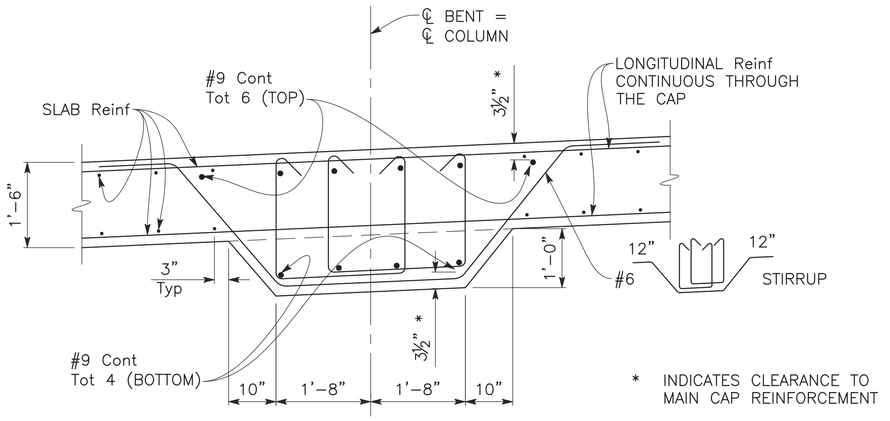
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



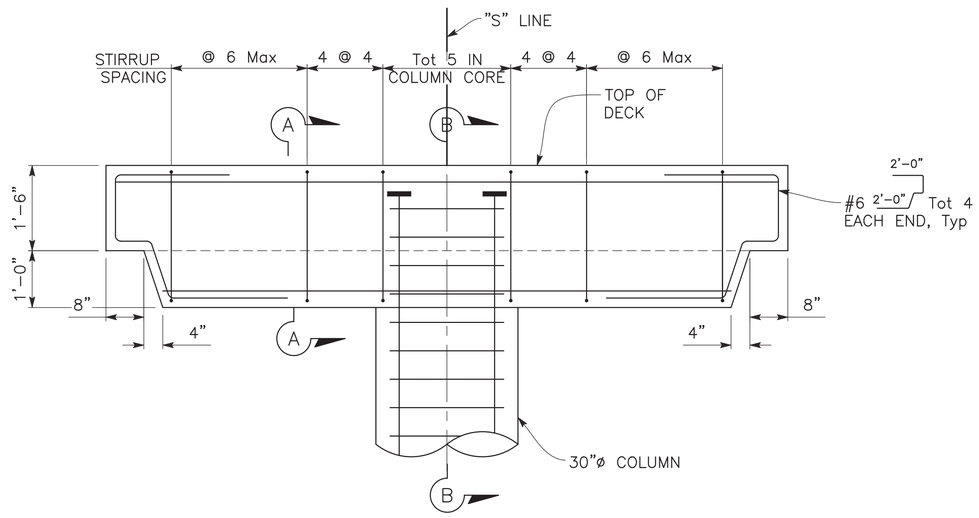
PLAN

¾" = 1'–0"
(BENT 2 SHOWN, BENTS 3, 4, 7, 8 & 9 SIMILAR)



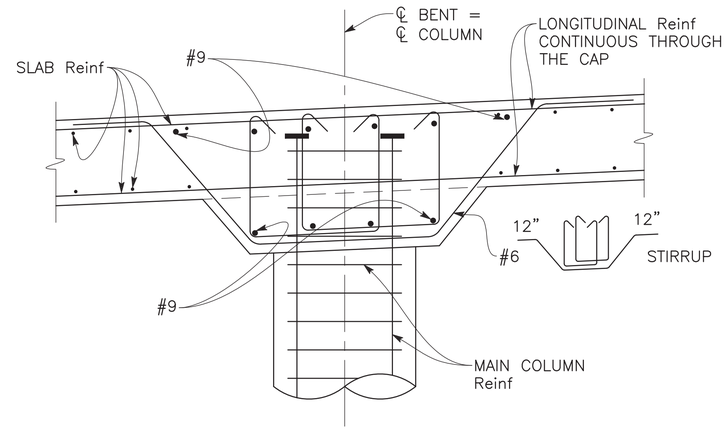
SECTION A-A

¾" = 1'–0"



ELEVATION

¾" = 1'–0"
(BENT 2 SHOWN, BENTS 3, 4, 7, 8 & 9 SIMILAR)



SECTION B-B

¾" = 1'–0"

LEGEND:

Indicates Headed Bar Reinforcement

SHEET 219 OF 262

S-ST-28

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II, PROJECT ENGINEER
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	BRIDGE No. 51–0370; POST MILE 1.92

GOLETA POC
BENT LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:05 pm USERNAME => ecisneros ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	10	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–BL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	139	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER — DATE

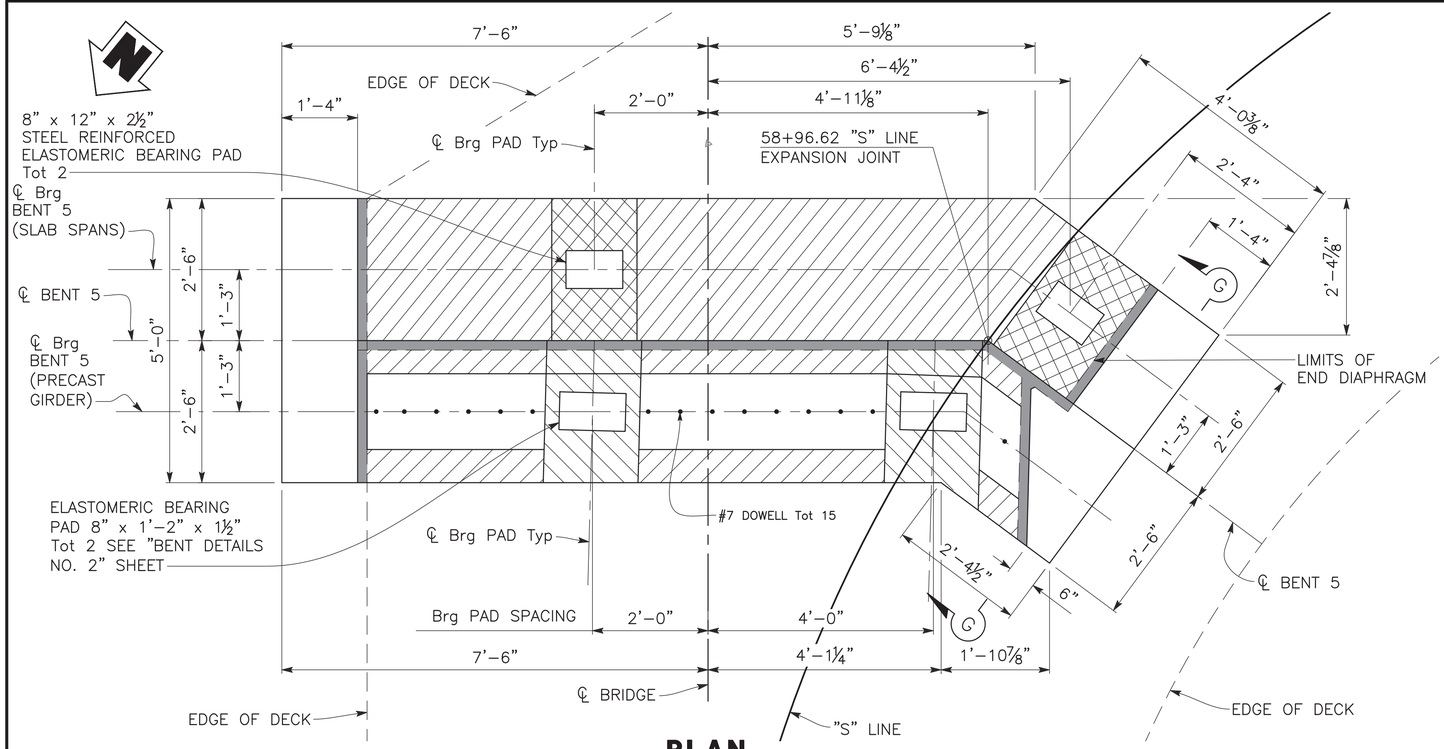
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

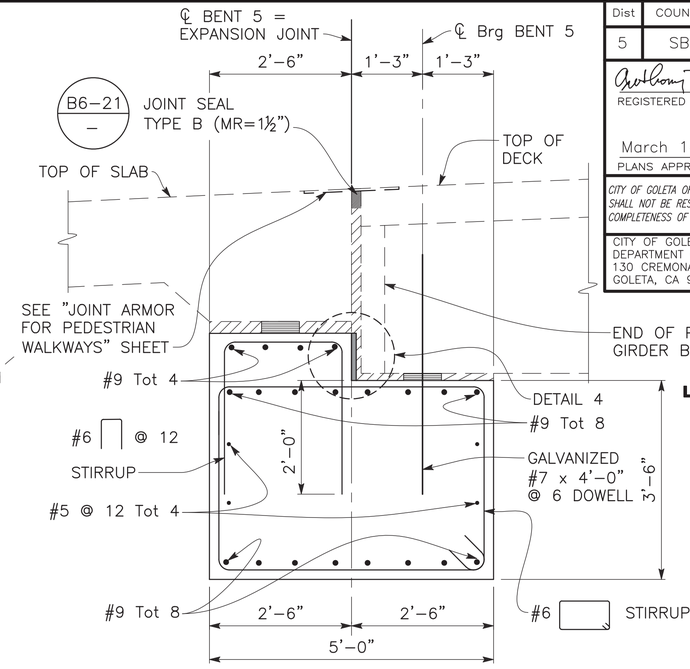
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN

¾" = 1'-0"
(BENT 5-LOOKING DOWNSTATION)

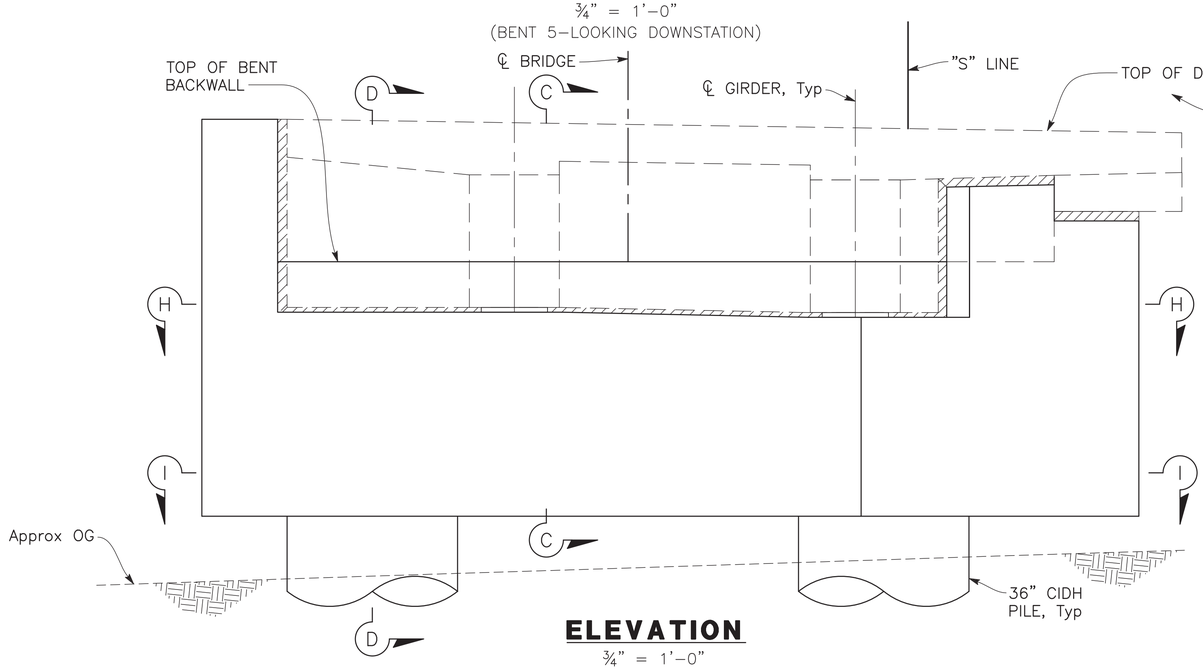


SECTION C-C

¾" = 1'-0"

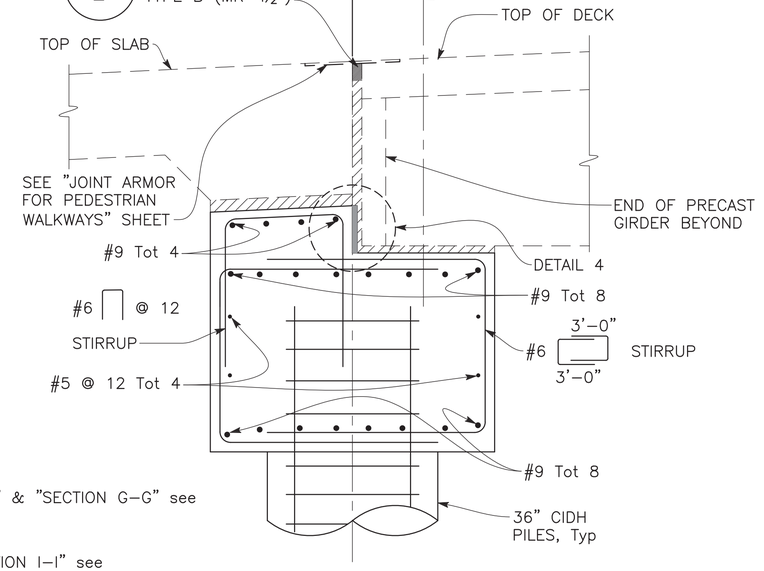
LEGEND:

- Indicates limits of polystyrene
- Indicates limits of level area
- Indicates limits of polystyrene and expansion joint filler between shear keys and backwall



ELEVATION

¾" = 1'-0"
(BENT 5-LOOKING DOWNSTATION)



SECTION D-D

¾" = 1'-0"

NOTES:

1. For "TYPICAL BENT ELEVATION" & "SECTION G-G" see "BENT DETAILS NO. 1" sheet.
2. For "SECTION H-H and "SECTION I-I" see "BENT DETAILS NO. 2" sheet.
3. For "Detail 4", see "BENT DETAILS NO. 4" sheet.

SHEET 220 OF 262

S-ST-29

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
BENT 5 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025 TIME PLOTTED => 4:18 pm USERNAME => ecisneros

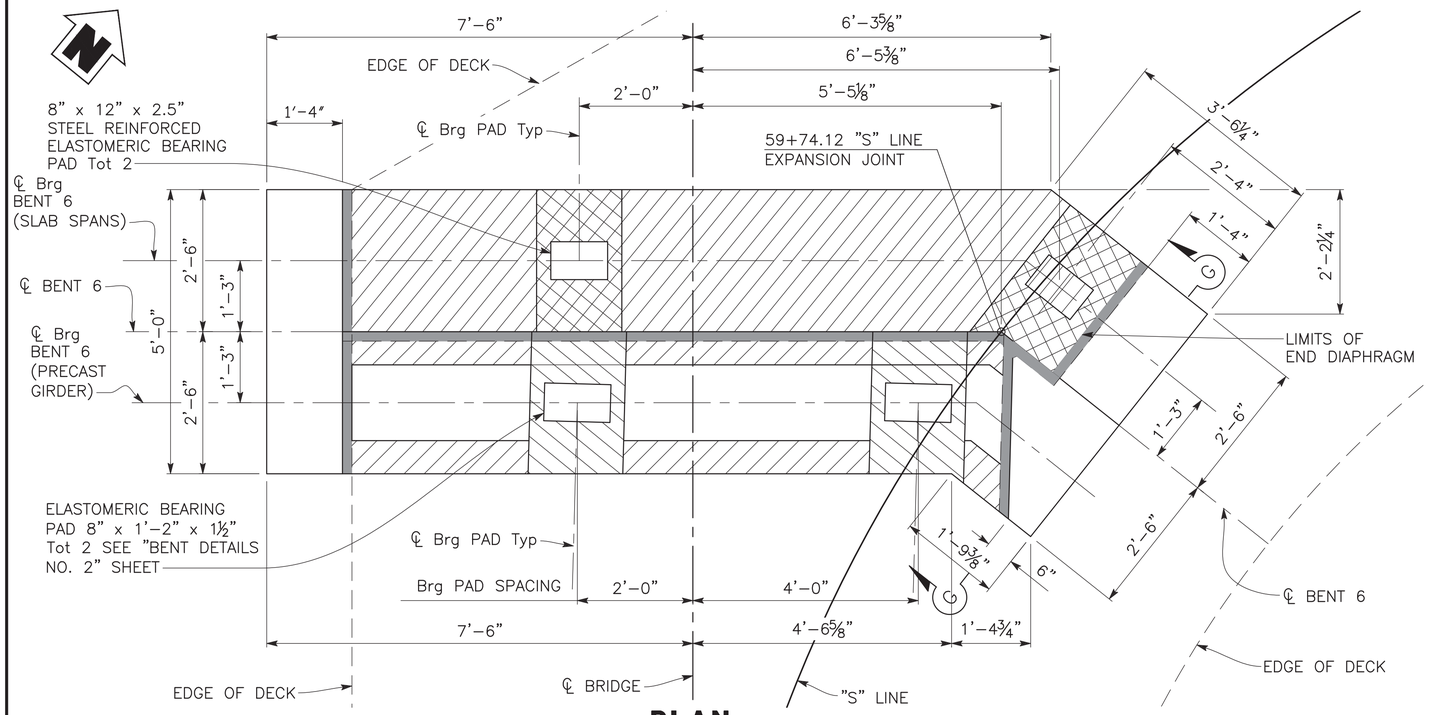
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
01/30/23	10/02/23	11/17/23		11	31

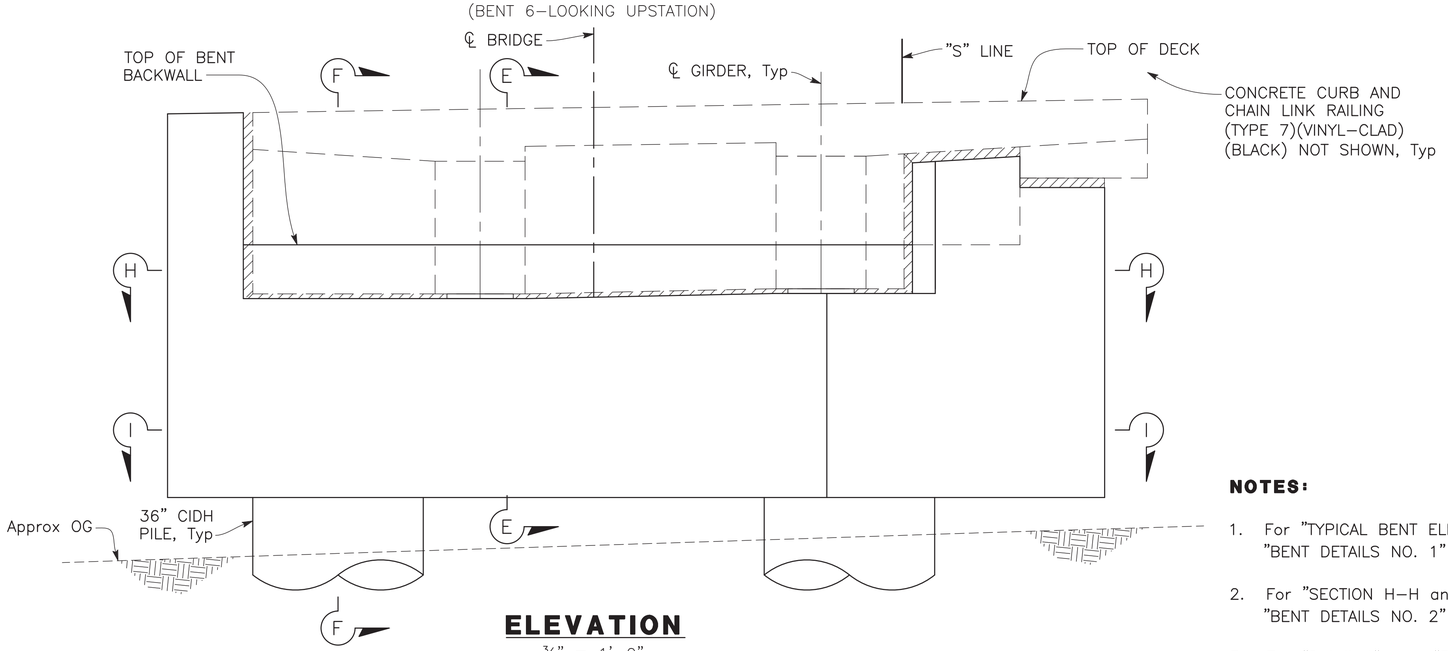
FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-B5L.dwg



PLAN

¾" = 1'-0"

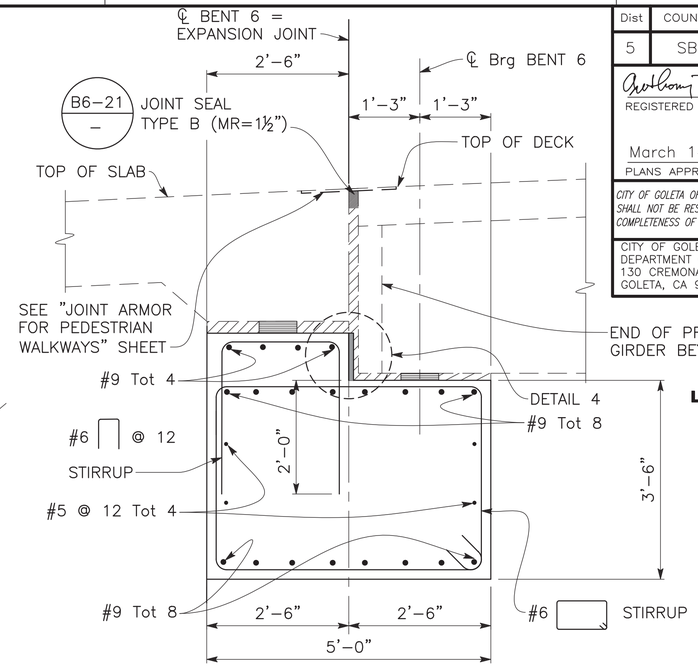
(BENT 6–LOOKING UPSTATION)



ELEVATION

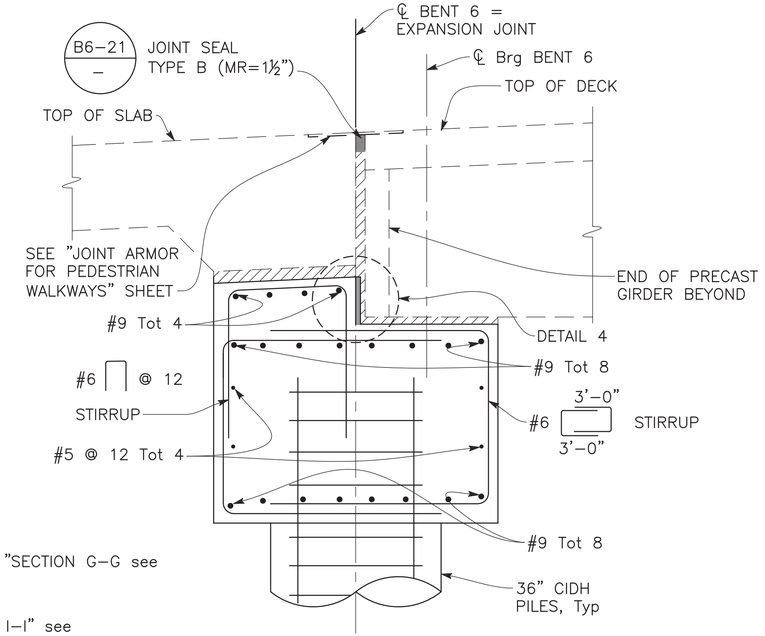
¾" = 1'-0"

(BENT 6–LOOKING UPSTATION)



SECTION E-E

¾" = 1'-0"



SECTION F-F

¾" = 1'-0"

LEGEND:

- Indicates limits of polystyrene
- Indicates limits of level area
- Indicates limits of polystyrene and expansion joint filler between shear keys and backwall

NOTES:

1. For "TYPICAL BENT ELEVATION" & "SECTION G–G see "BENT DETAILS NO. 1" sheet.
2. For "SECTION H–H and "SECTION I–I" see "BENT DETAILS NO. 2" sheet.
3. For "Detail 4", see "BENT DETAILS NO. 4" sheet.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	140	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SHEET 221 OF 262

S-ST-30

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
BENT 6 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025 TIME PLOTTED => 4:19 pm USERNAME => ecisneros

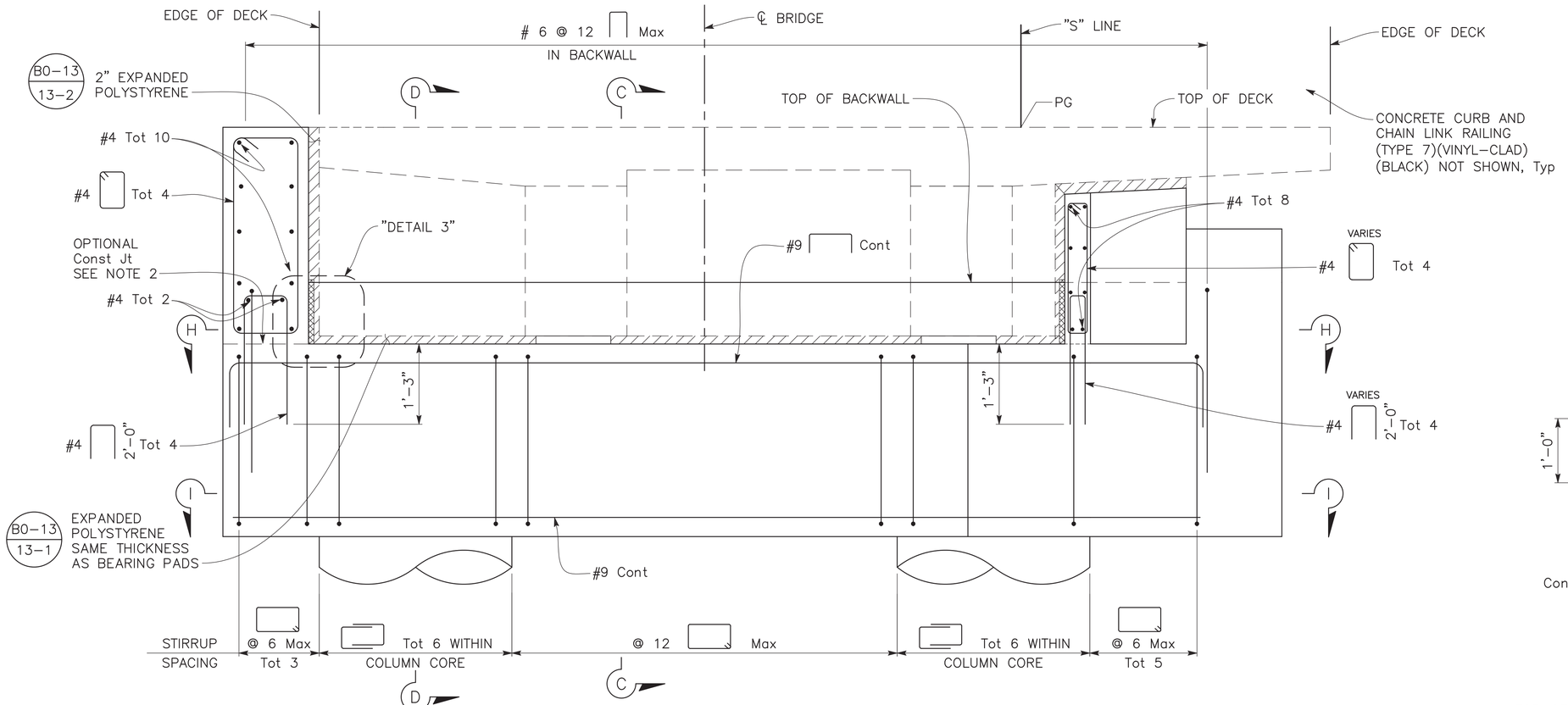
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	12	31

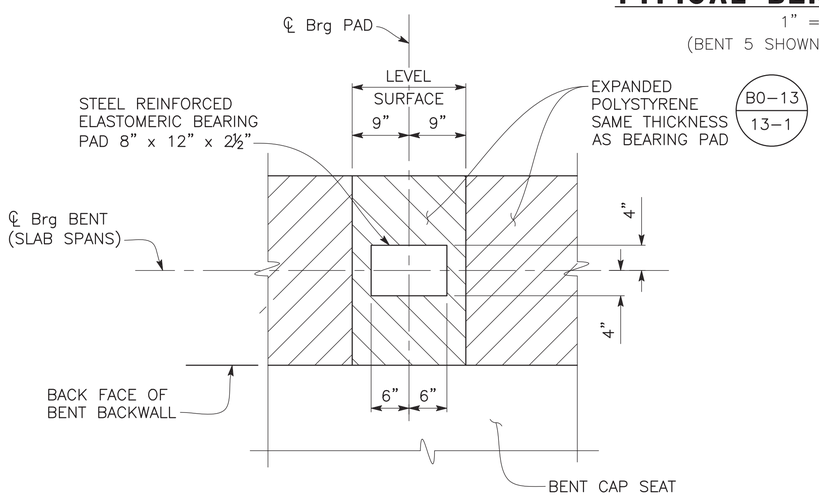
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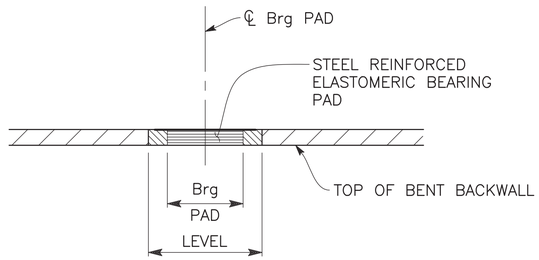
TYPICAL BENT ELEVATION

1" = 1'–0"

(BENT 5 SHOWN, BENT 6 SIMILAR)



PLAN



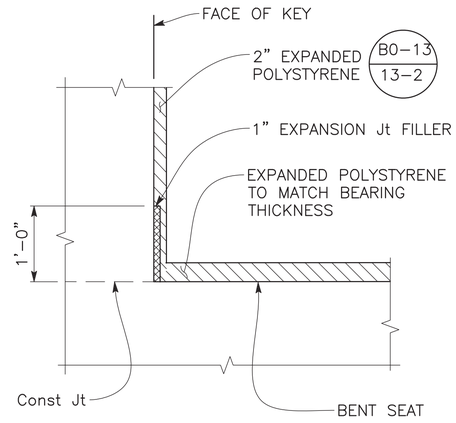
ELEVATION

BEARING PAD DETAIL

¾" = 1'–0"

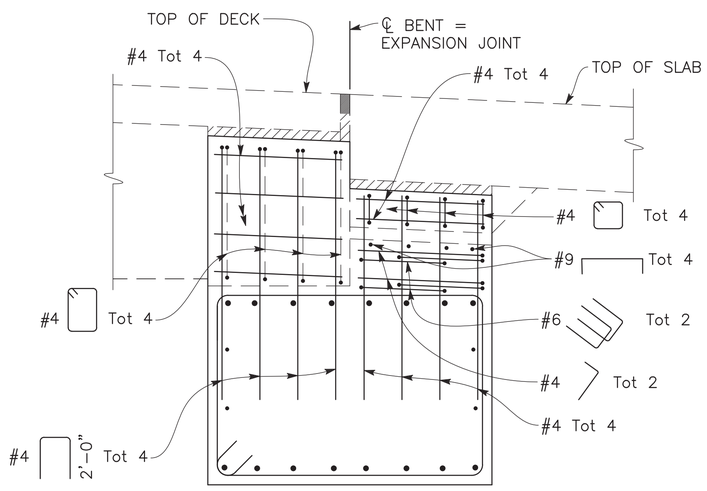
NOTES:

1. For "SECTION H–H" and "SECTION I–I" see "BENT DETAILS NO. 2" sheet.
2. Roughen construction joint surface to ¼" amplitude, except trowel finish exterior 2".



DETAIL 3

1" = 1'–0"



SECTION G-G

¾" = 1'–0"

(BENT 5 SHOWN, BENT 6 SIMILAR)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	141	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SHEET 222 OF 262

S-ST-31

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

DESIGN OVERSIGHT

SIGN OFF DATE

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
BENT DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025
TIME PLOTTED => 4:19 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES → 01/30/23 10/02/23 11/17/23

SHEET 13 OF 31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–B5L.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	142	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

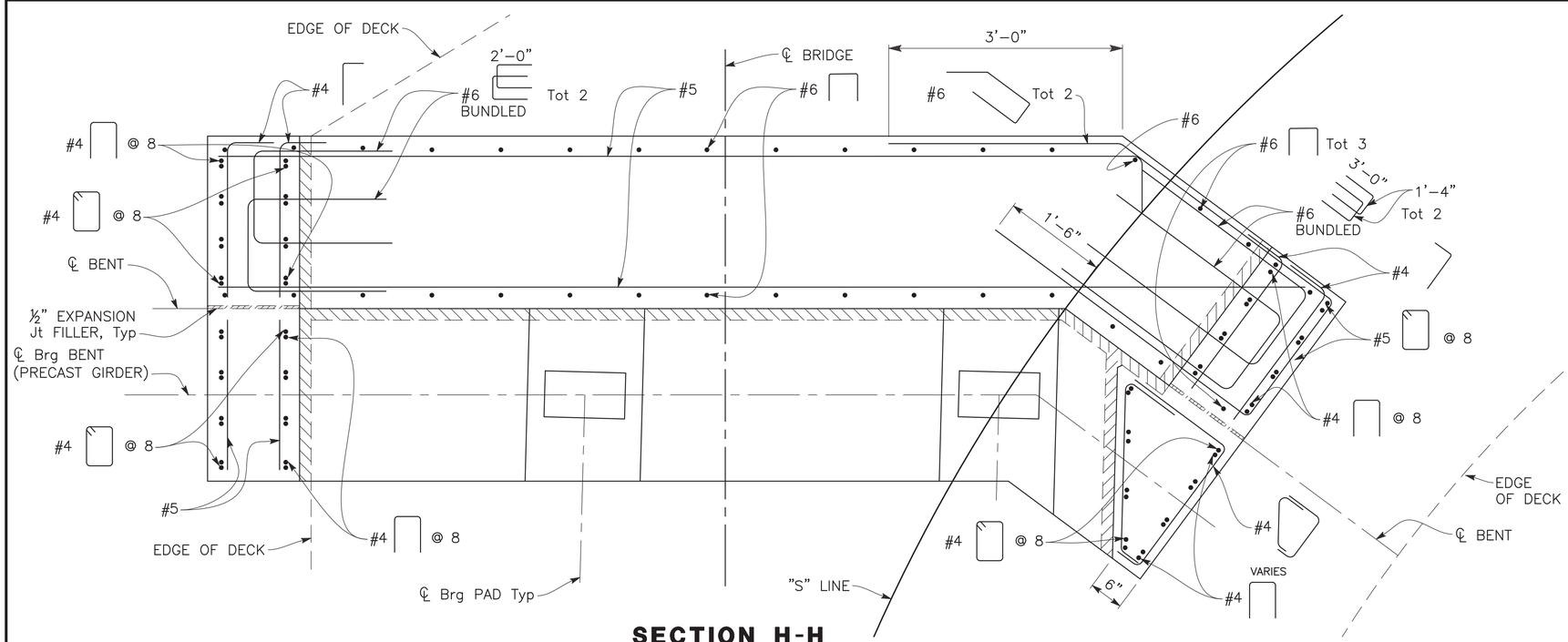
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

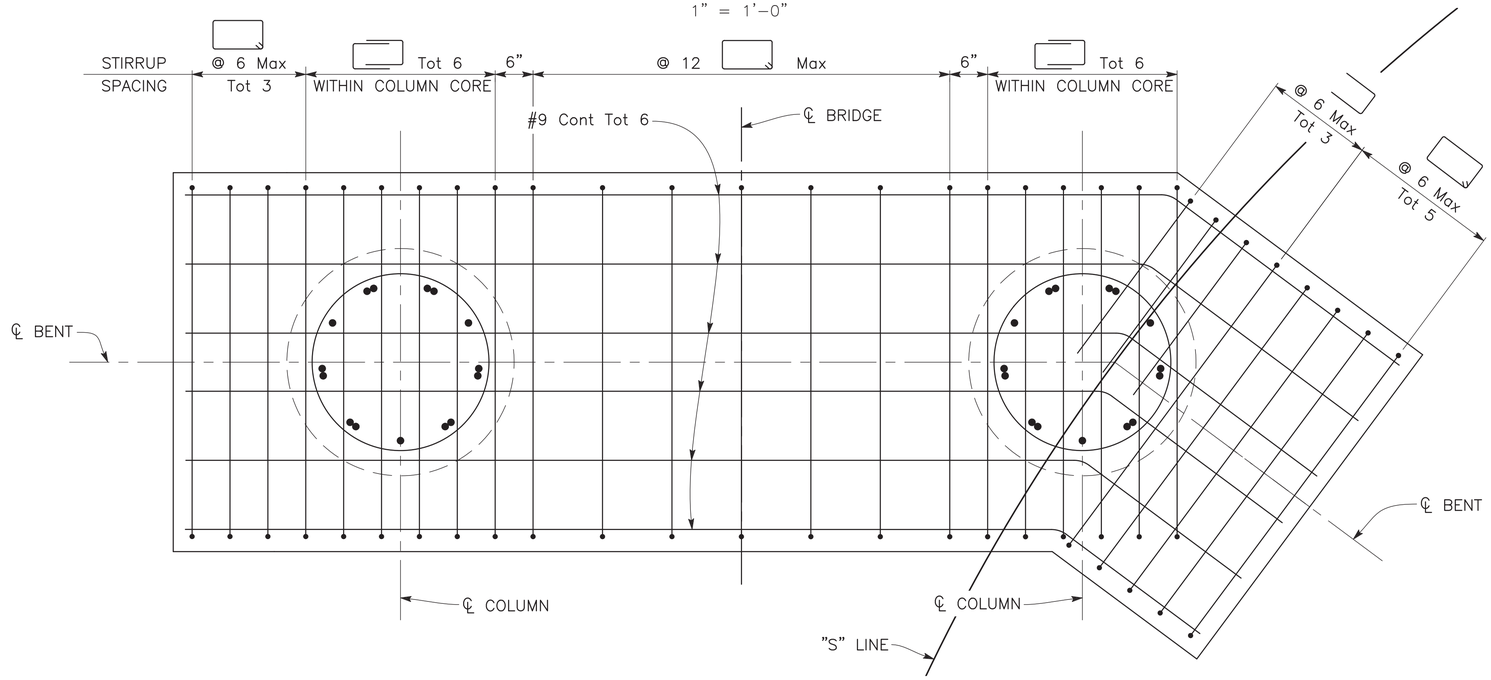
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



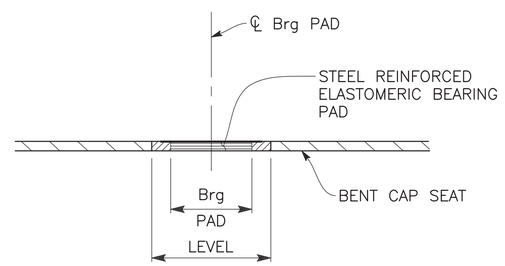
SECTION H-H

1" = 1'-0"

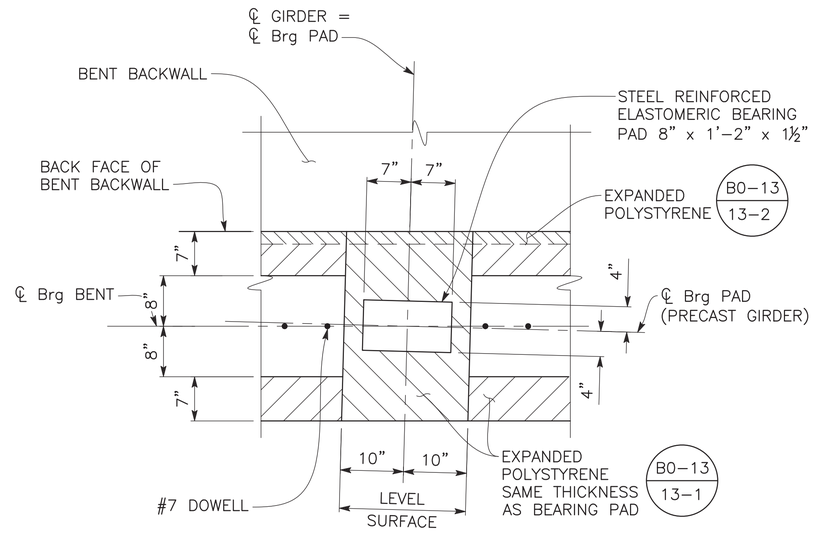


SECTION I-I

1" = 1'-0"



ELEVATION



PLAN

BEARING PAD DETAIL

¾" = 1'-0"

SHEET 223 OF 262 **S-ST-32**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II, PROJECT ENGINEER
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	BRIDGE No. 51-0370; POST MILE 1.92

GOLETA POC

BENT DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025 TIME PLOTTED => 4:19 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	14	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-B5L.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	143	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

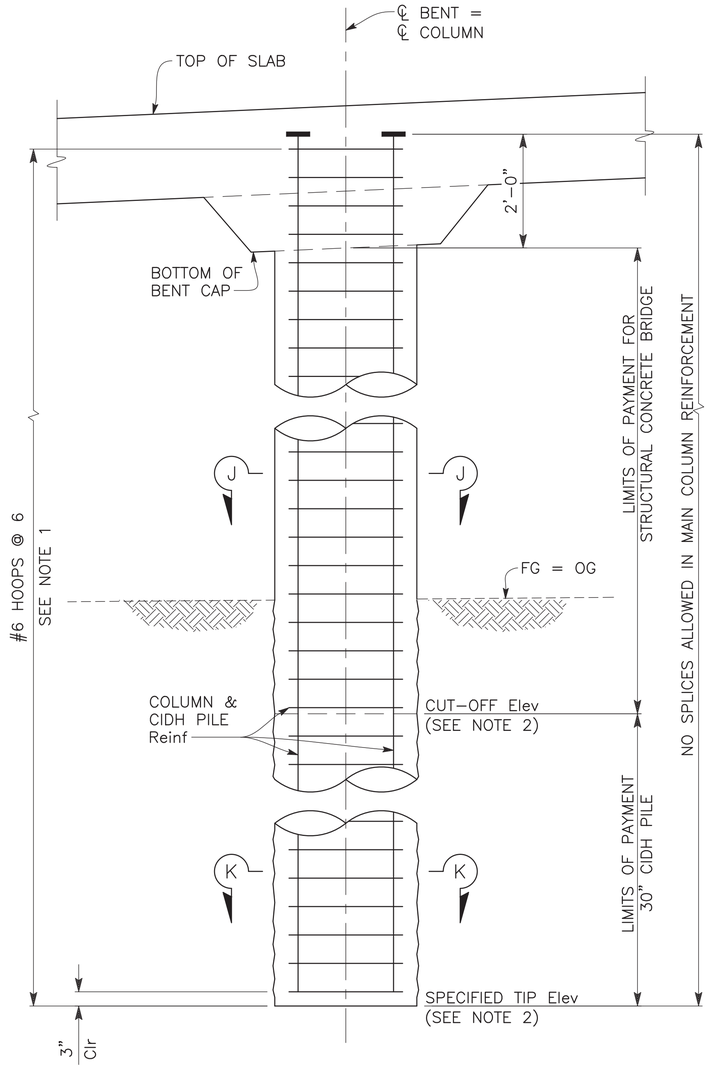
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

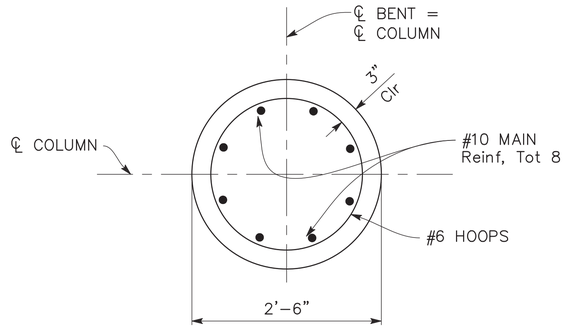
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



COLUMN & CIDH PILE ELEVATION

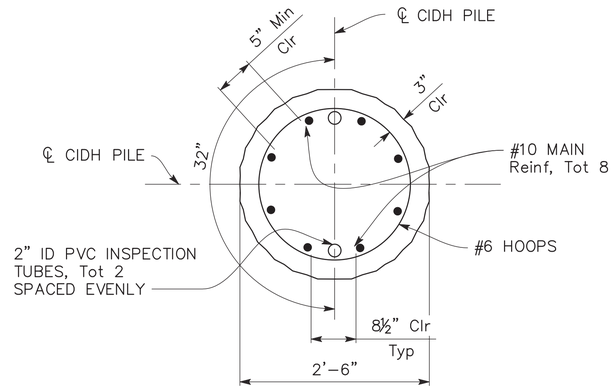
¾" = 1'-0"

(BENT 2 SHOWN, BENTS 3, 4, 7, 8 & 9 SIMILAR)



SECTION J-J

1" = 1'-0"



SECTION K-K

1" = 1'-0"

LEGEND:

Indicates Headed Bar Reinforcement

NOTES:

1. All hoops shall be "ultimate" butt weld spliced.
2. For Pile Data Table, see "FOUNDATION PLAN" sheet.

SHEET 224 OF 262 **S-ST-33**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	BRIDGE No. 51-0370
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II PROJECT ENGINEER	POST MILE 1.92
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY		

GOLETA POC

BENT DETAILS NO. 3

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025 TIME PLOTTED => 4:19 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	15	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-BL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	144	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

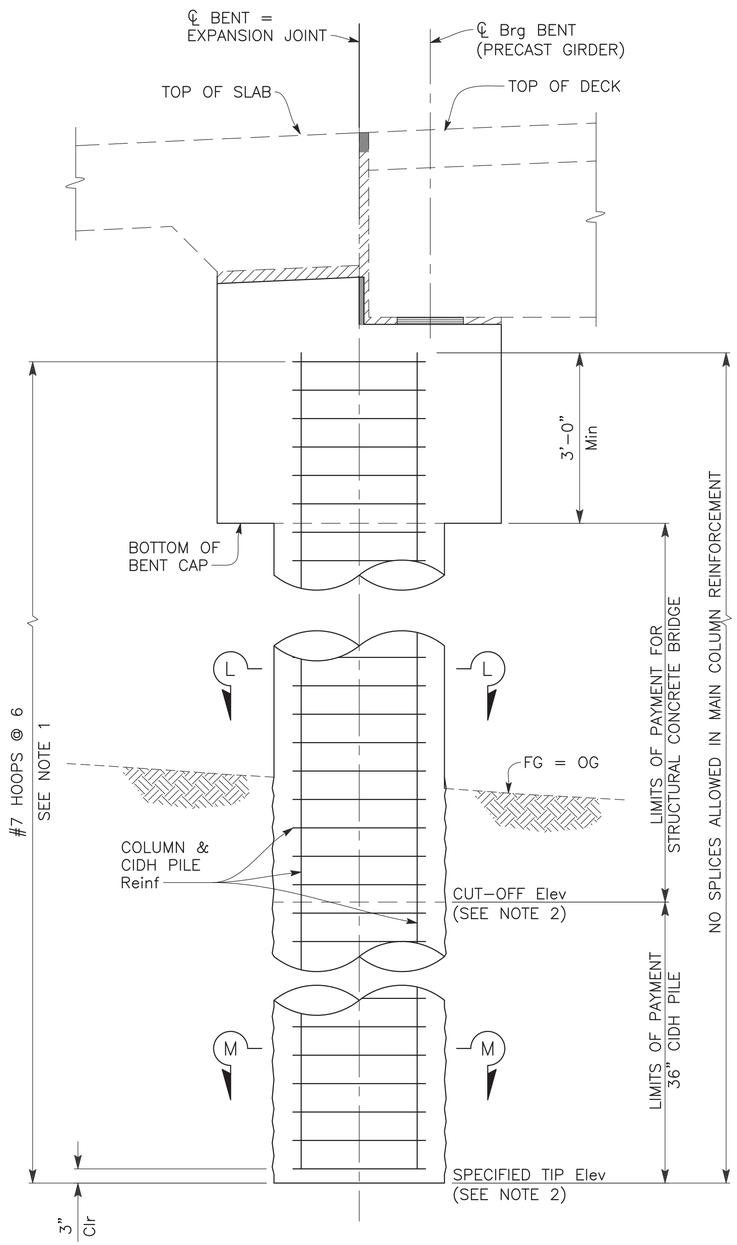
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

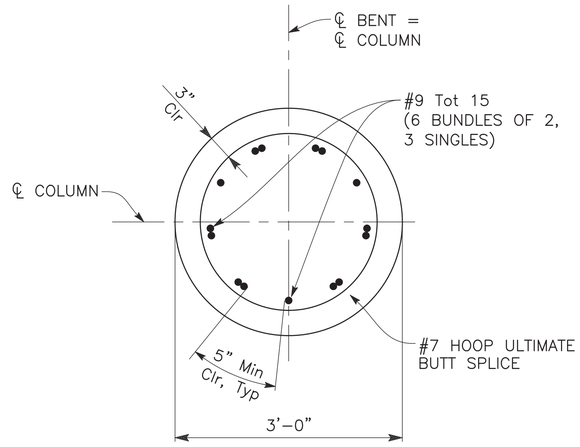
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TYPICAL COLUMN & CIDH PILE

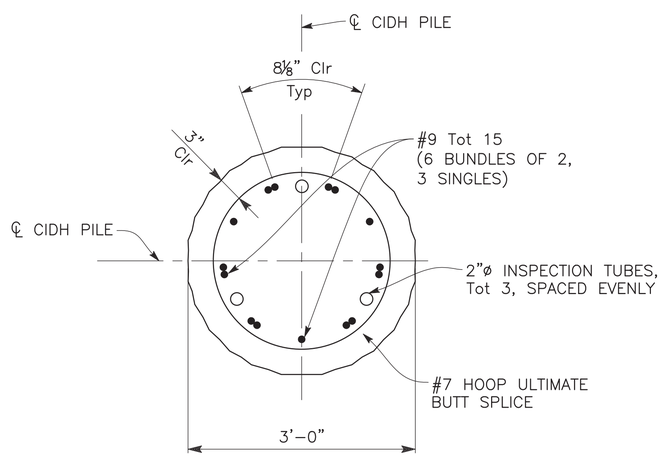
¾" = 1'–0"

(BENT 5 SHOWN, BENT 6 SIMILAR)



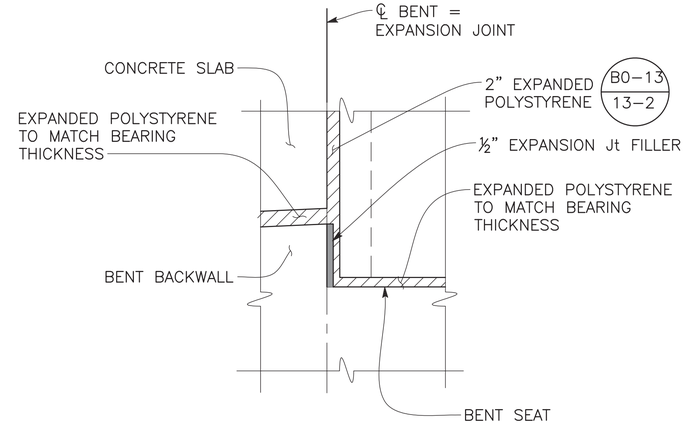
SECTION K-K

1" = 1'–0"



SECTION L-L

1" = 1'–0"



DETAIL 4

1" = 1'–0"

NOTES:

1. All hoops shall be "ultimate" butt weld spliced.
2. For Pile Data Table, see "FOUNDATION PLAN" sheet.

SHEET 225 OF 262

S-ST-34

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
BENT DETAILS NO. 4

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 25, 2025 TIME PLOTTED => 4:20 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
01/30/23	10/02/23	11/17/23		16	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–B5L.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	145	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

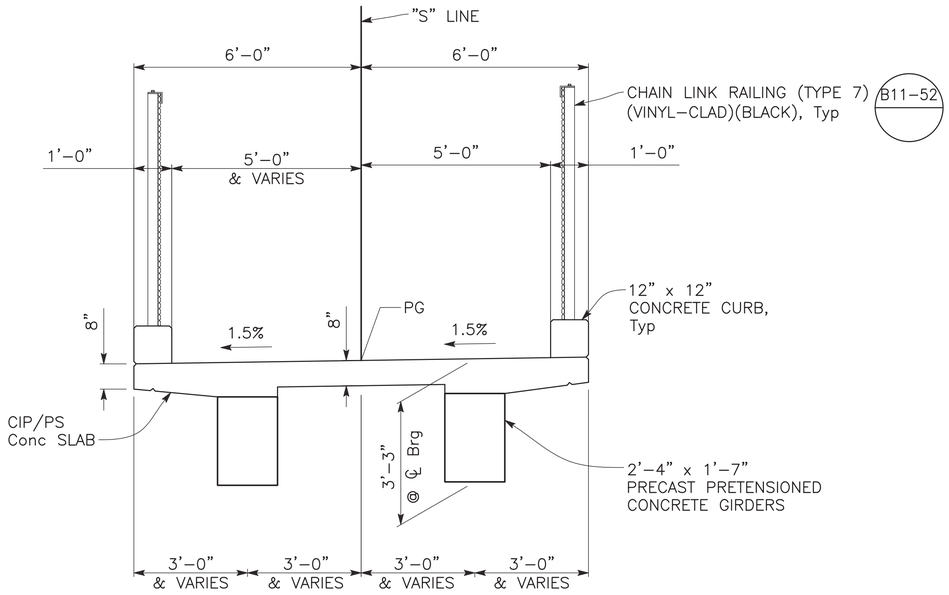
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

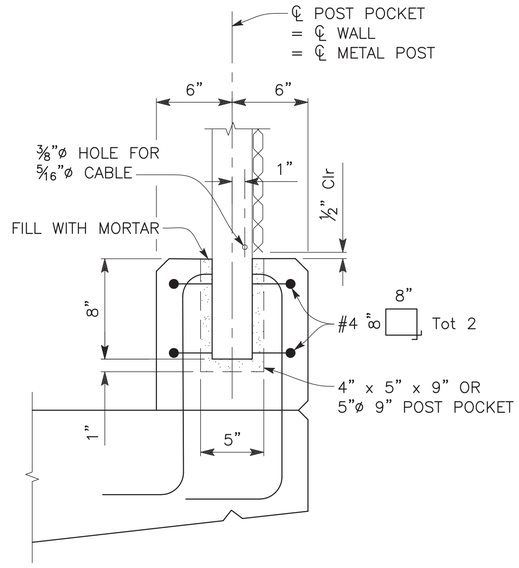
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TYPICAL SECTION AT PRECAST GIRDERS

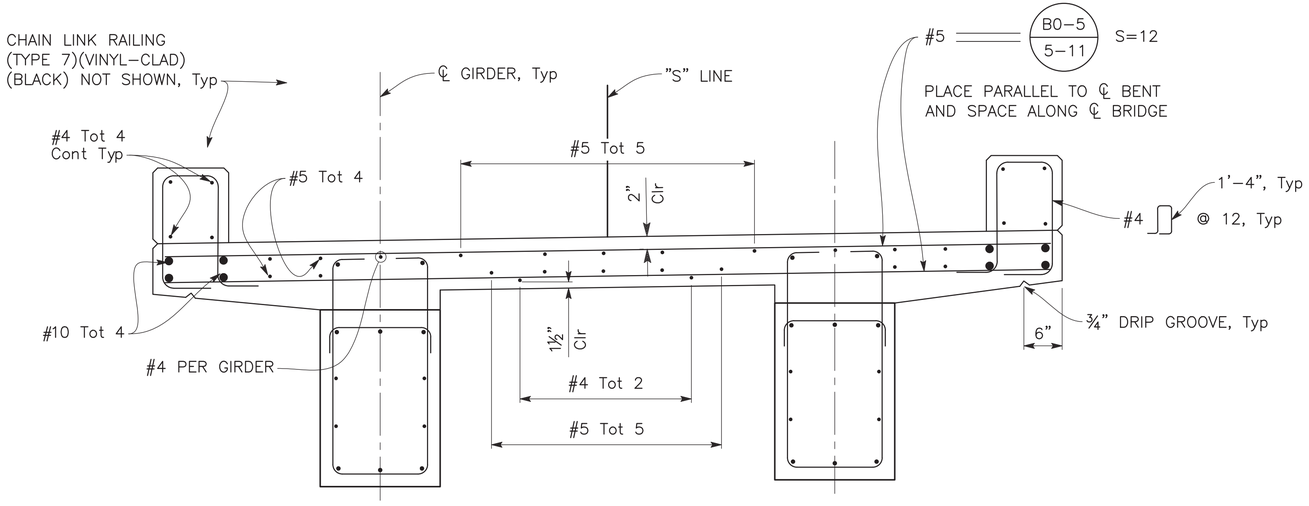
½" = 1'–0"



POST ANCHORAGE DETAIL

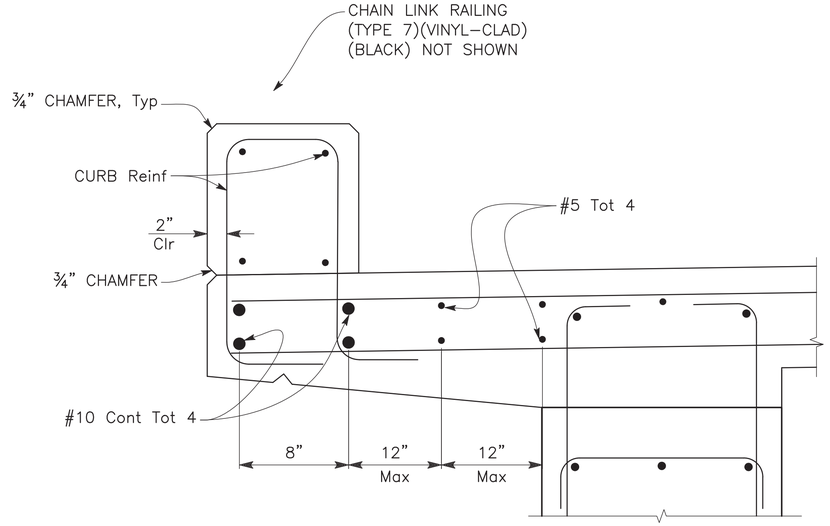
B11–52 / –

2" = 1'–0"



TYPICAL SECTION

1" = 1'–0"



EDGE OF DECK DETAIL

2" = 1'–0"

SHEET 226 OF 262 **S-ST-35**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II, PROJECT ENGINEER	BRIDGE No. 51–0370
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO			POST MILE 1.92
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY			

GOLETA POC

TYPICAL SECTION NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:07 pm USERNAME => ecisneros ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES → 01/30/23 10/02/23 11/17/23

SHEET 17 OF 31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–TS.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	146	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

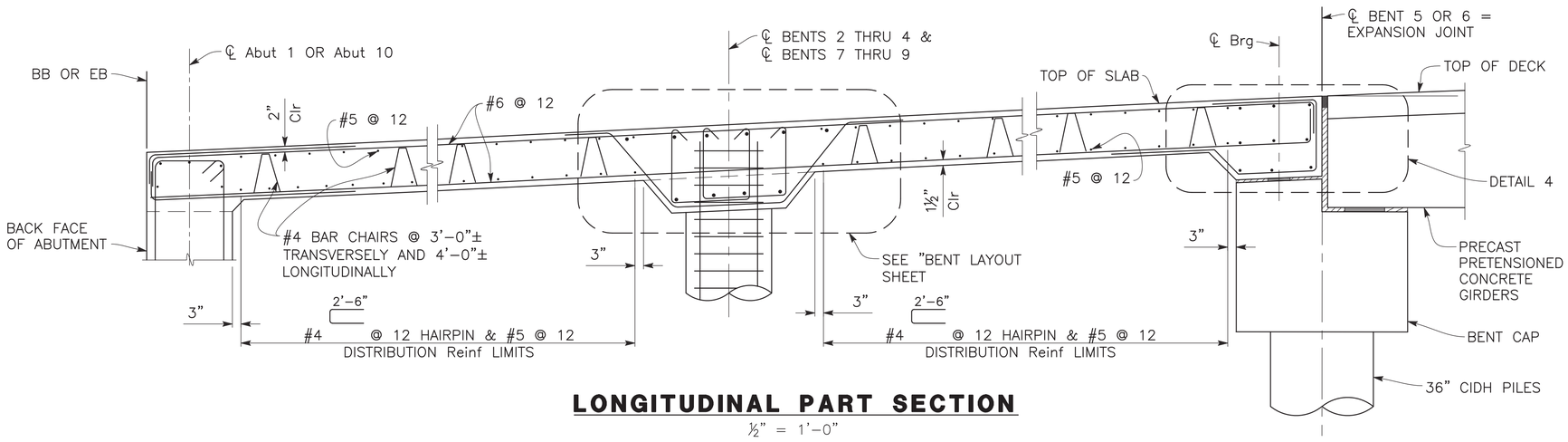
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

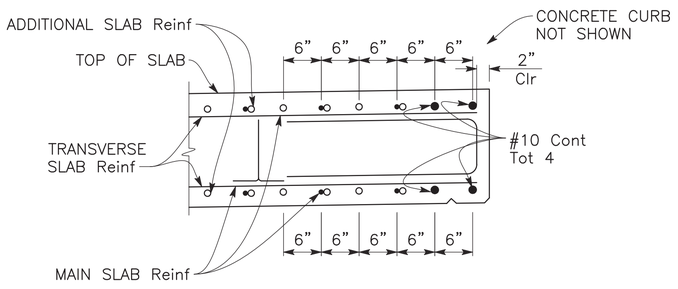
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



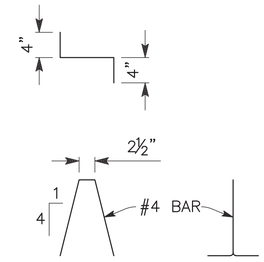
LONGITUDINAL PART SECTION

½" = 1'–0"



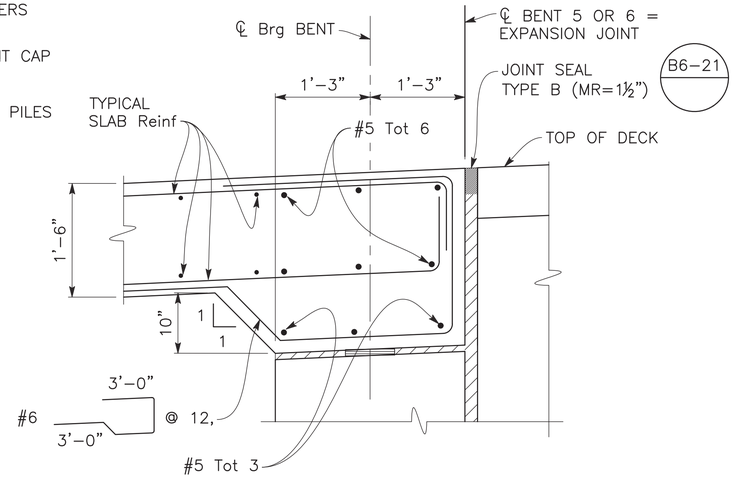
END OF SLAB DETAIL

1" = 1'–0"



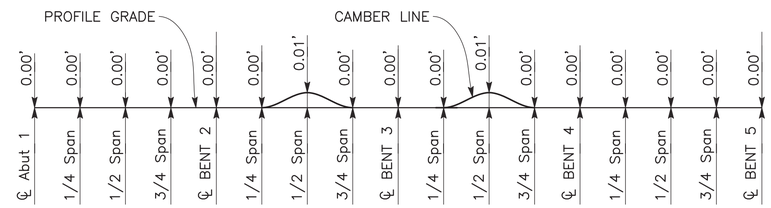
BAR CHAIR DETAIL

1" = 1'–0"



DETAIL 4

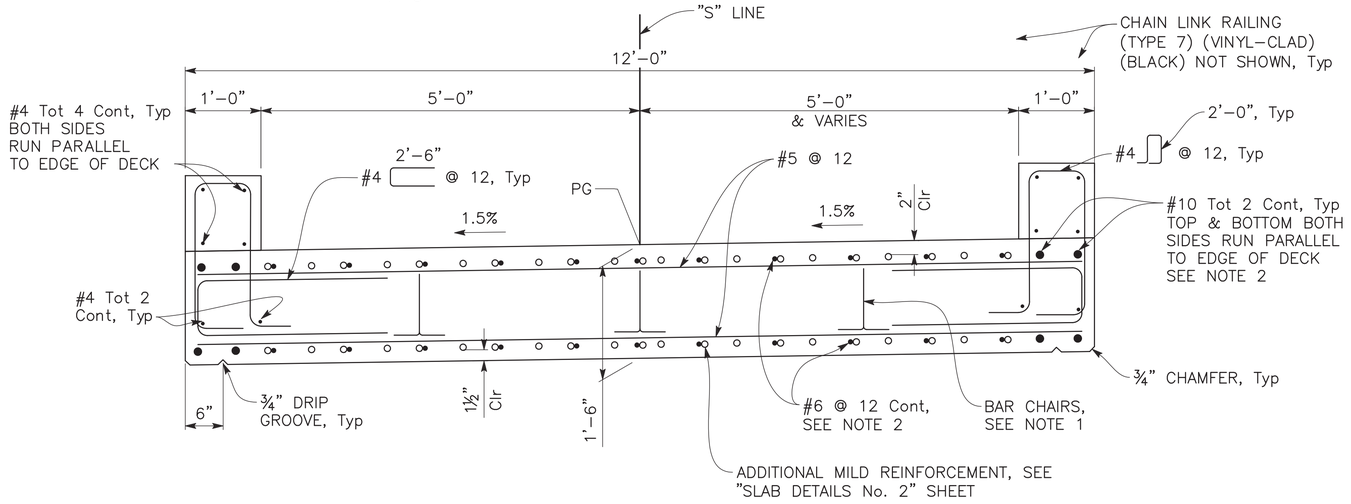
1" = 1'–0"



CAMBER DIAGRAM SPANS 1-4

No Scale

NOTE:
CAMBER DIAGRAM DOES NOT INCLUDE
ALLOWANCES FOR FALSEWORK SETTLEMENT



TYPICAL SECTION AT CONCRETE SLAB

1" = 1'–0"

NOTES:

1. Bar chairs may be used to secure prestress ducts. Bar to be placed between duct anchors parallel to and spaced normal to "S" Line.
2. Continuous reinforcement must be service spliced.
3. Longitudinal reinforcement run parallel to "S" Line unless otherwise noted.

SHEET 227 OF 262

S-ST-36

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II — PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
TYPICAL SECTION NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:08 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
01/30/23	10/02/23	11/17/23		18	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–TS2.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	147	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

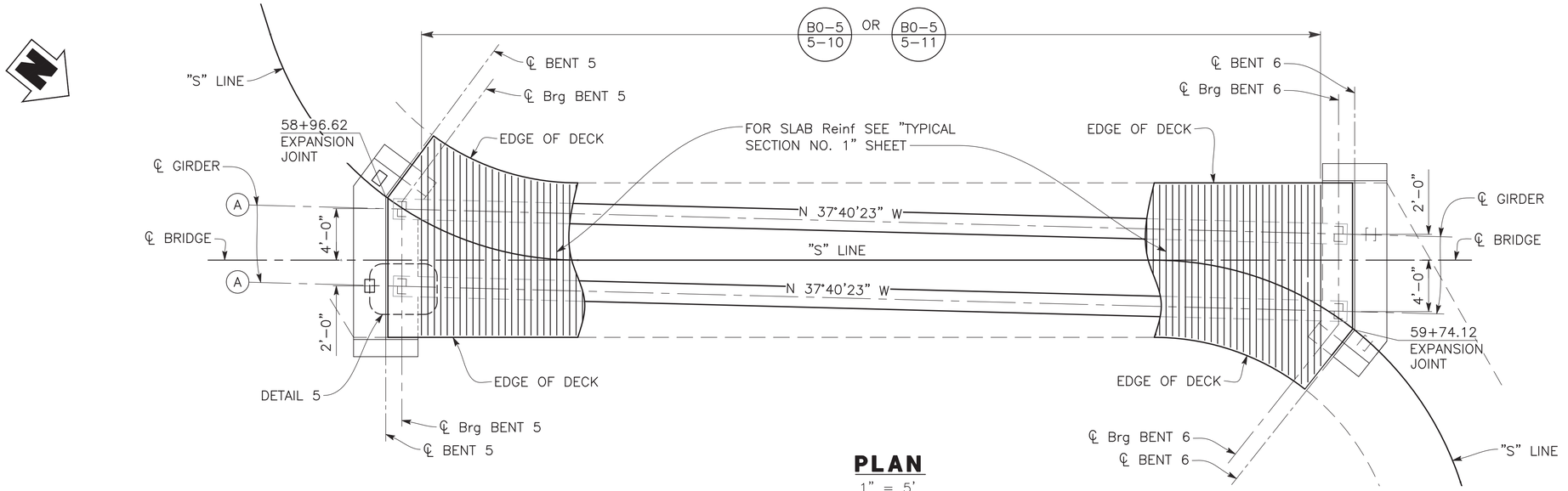
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

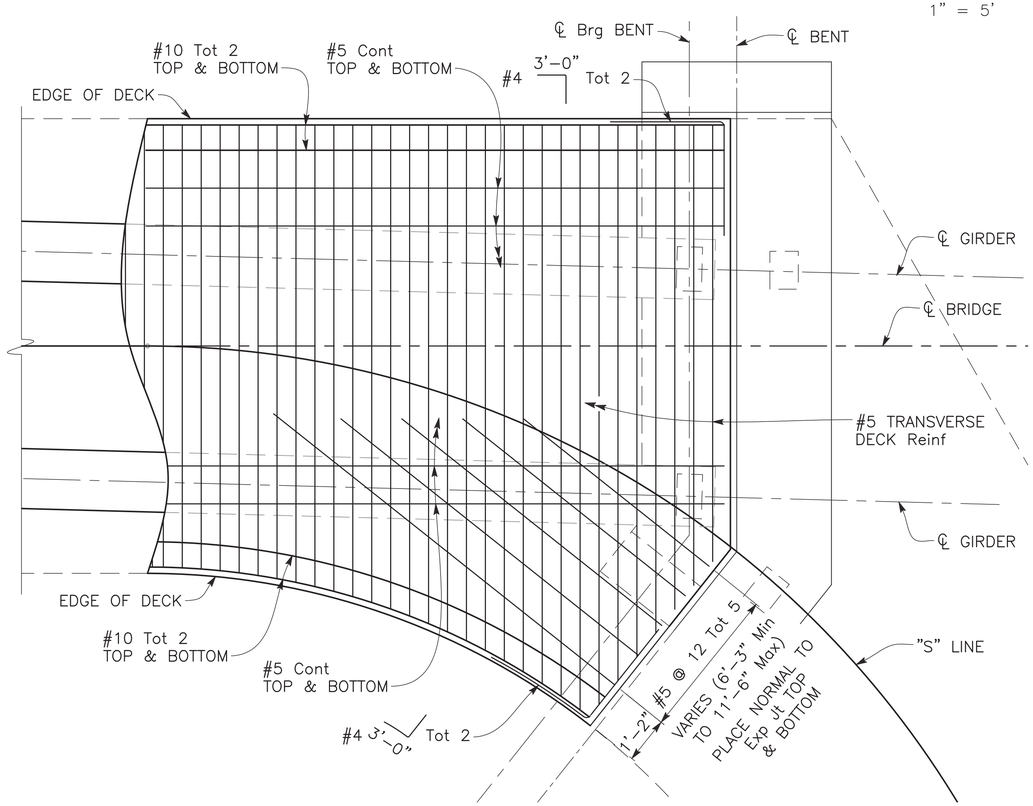
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

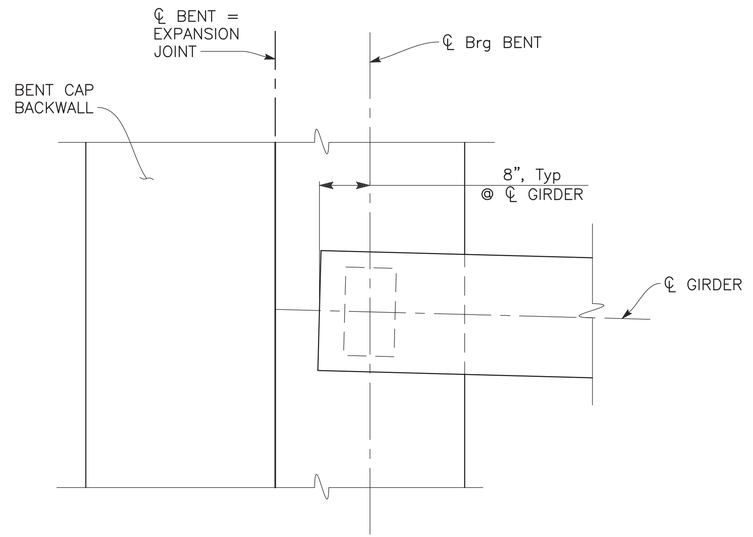
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
1" = 5'



TYPICAL DECK CORNER DETAIL
½" = 1'-0"



DETAIL 5
1" = 1'-0"

NOTES:

1. For Girder information, see "GIRDER DETAILS NO. 1" sheet.
2. Place Transverse Deck Reinforcement parallel to ℄ Bent and spaced along ℄ Bridge

SHEET 228 OF 262
S-ST-37

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
GIRDER LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:08 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	19	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-GL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	148	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PRESTRESSING NOTES:

JACKING FORCE (P): The jacking force required at the point of control along the span. The jacking force does not include any fabrication specific losses. The maximum tensile stress in the prestressing steel upon release must not exceed 75% of the specified minimum ultimate tensile strength of the prestressing steel.

The maximum temporary tensile stress (jacking stress) in the prestressing steel must not exceed 80% of the specified minimum ultimate tensile strength of the prestressing steel.

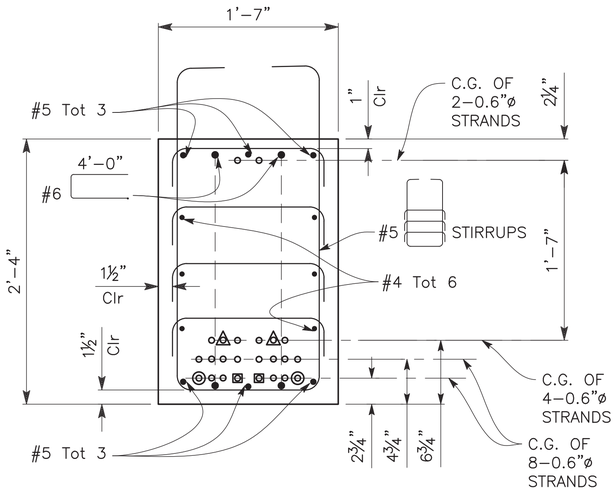
As Min = Minimum area of prestressing steel.

CONCRETE STRENGHT: f'ci = is at time of initial stressing
f'c = is at 28 days

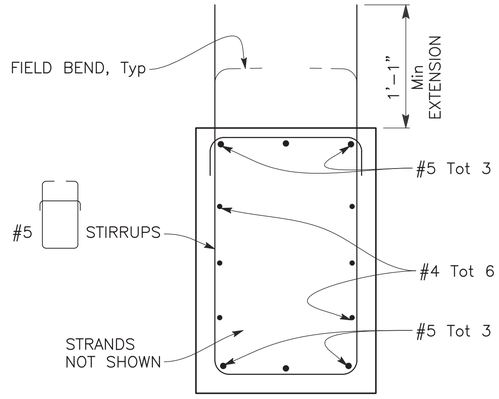
DEFLECTION COMPONENTS: informational – to be used in setting screed line elevations. Positive value indicates downward deflection.

Screed line elevations for deck concrete will be determined by the Engineer. Contractor may interpolate "P" and "X" values between limits shown, as aproved by the Engineer.

GIRDER LOCATION OR DESIGNATION AND LENGTH	JACKING FORCE (P) (kips)	CG (Inches)	AS Min in²	CONCRETE STRENGTH (ksi)		MIDSPAN DEAD LOAD DEFLECTION (INCHES)	
				f'ci	f'c	DECK DL	RAIL DL
(A)	967	4.6	4.774	6.0	7.0	2¼"	¼"
	88	25	0.43				



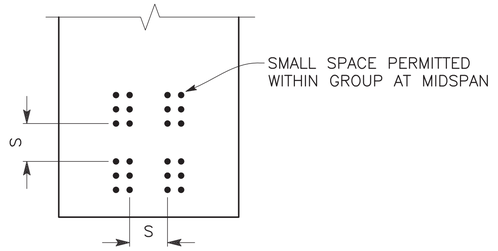
SECTION A-A
1½" = 1'–0"



SECTION B-B
1½" = 1'–0"

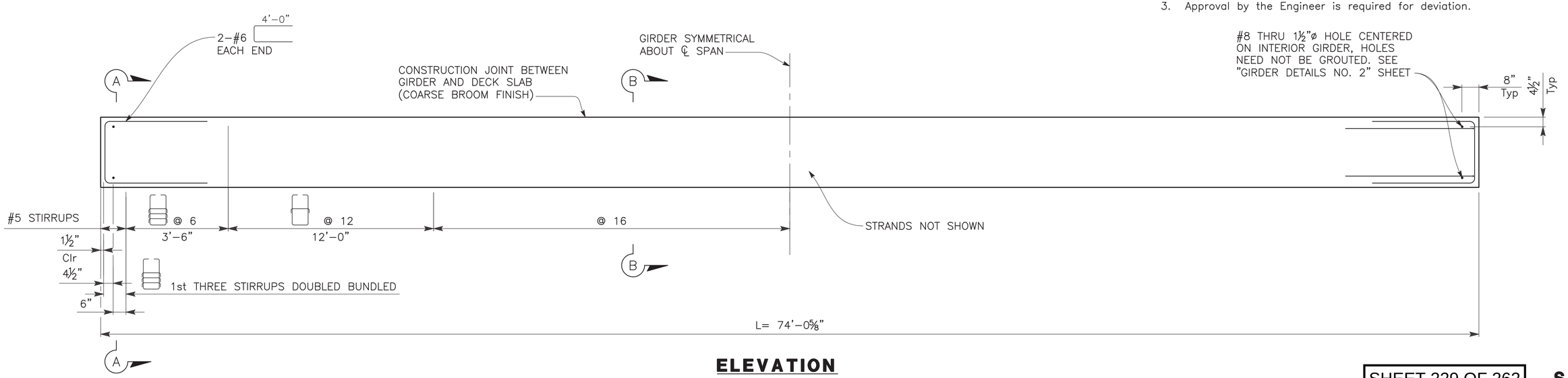
LEGEND:

- Denotes strand to be debonded 5' each end.
- Denotes strand to be debonded 12' each end.
- Denotes strand to be debonded 19' each span.



CLEARANCE FOR PRETENSIONED STRANDS

1. Strands may be bundled in groups consisting of 3 vertically, 2 horizontally and separated at the ends.
2. The min distance "S" between groups or individually strands is 1½" for ⅜"ø strands, 1¾" for ½"ø strands, 2" for 0.6ø strands.
3. Approval by the Engineer is required for deviation.



ELEVATION
½" = 1'–0"

SHEET 229 OF 262

S-ST-38

DESIGN OVERSIGHT / SIGN OFF DATE		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II — PROJECT ENGINEER

BRIDGE No. 51–0370 — POST MILE 1.92

GOLETA POC

GIRDER DETAIL NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 — TIME PLOTTED => 7:08 pm — USERNAME => ecisneros — ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 — COUNTY/ROUTE: SB/217 — CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	20	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–GL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	149	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

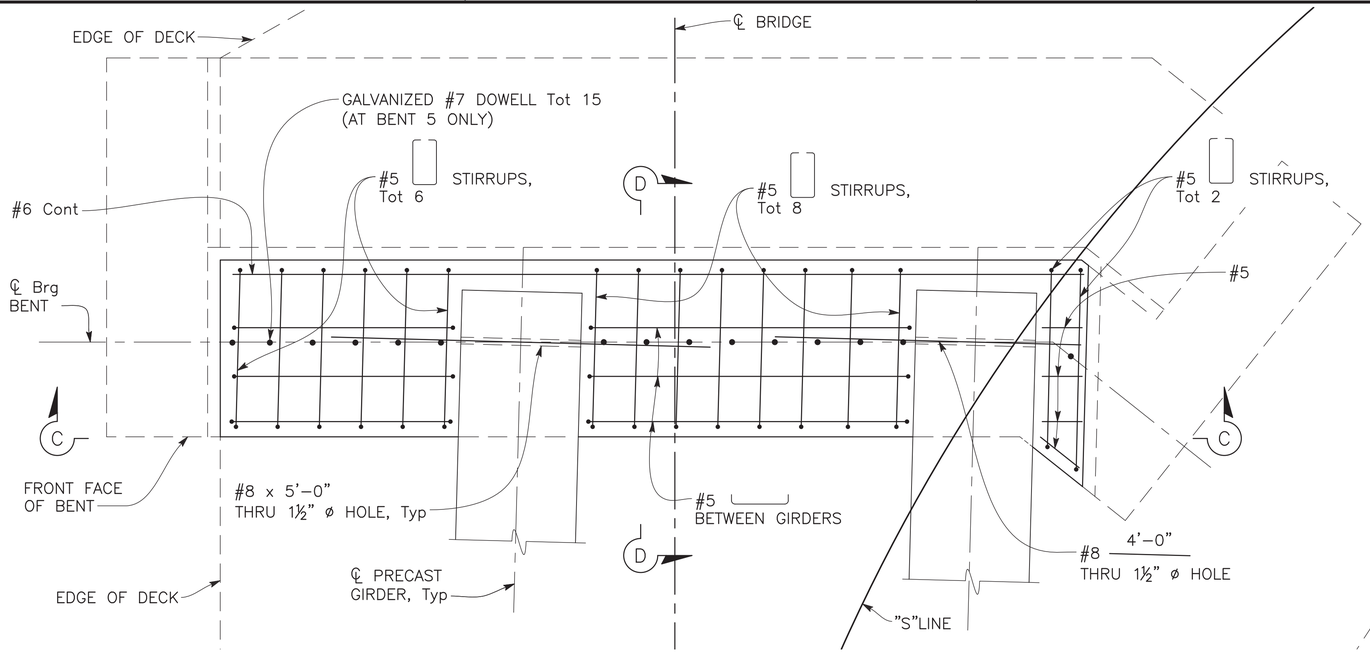
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

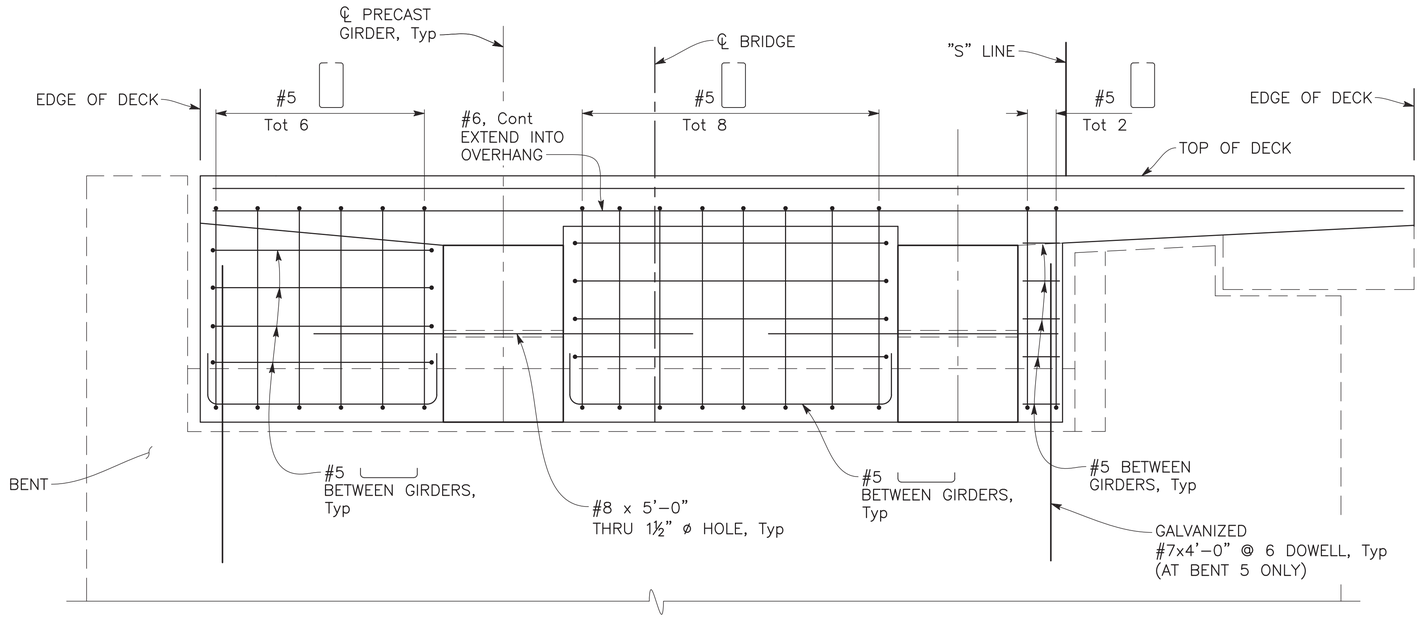
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



END DIAPHRAGM - PLAN

1" = 1'–0"

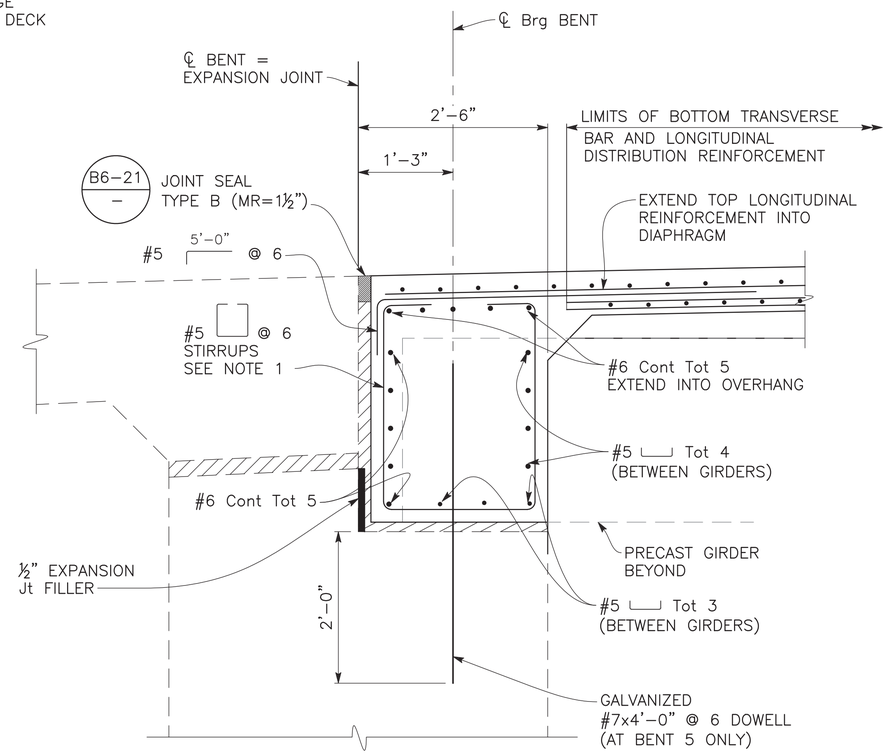
(BENT 5 SHOWN, BENT 6 SIMILAR)



SECTION C-C

1" = 1'–0"

(BENT 5 SHOWN, BENT 6 SIMILAR)



SECTION D-D

1" = 1'–0"

SHEET 230 OF 262

S-ST-39

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
GIRDER DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:08 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	21	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–GD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	150	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

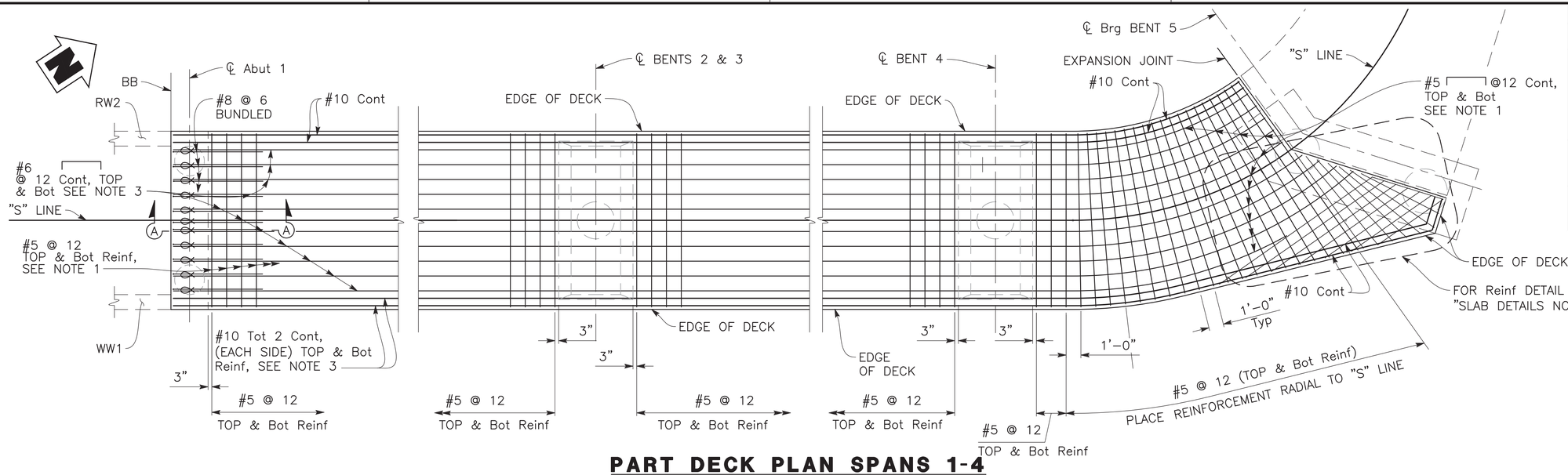
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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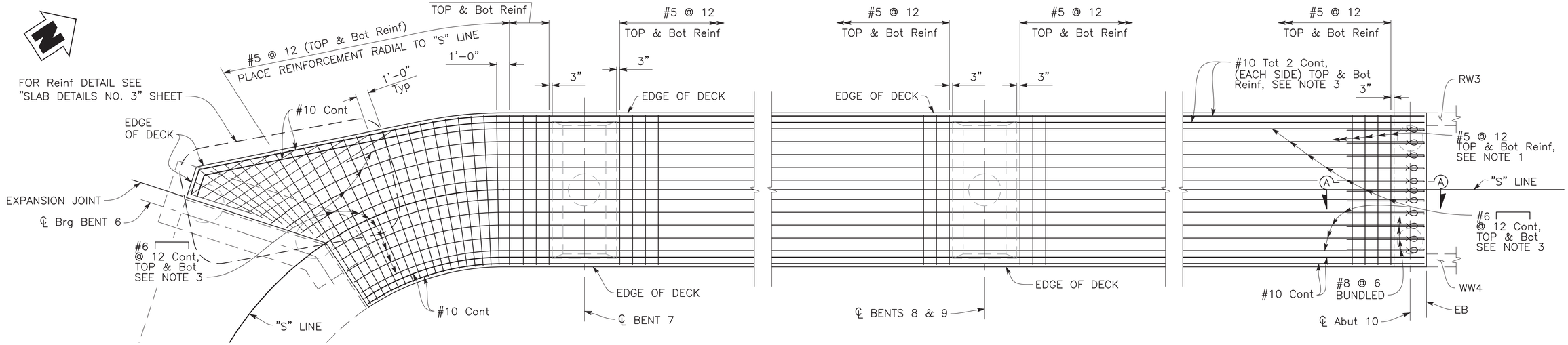
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

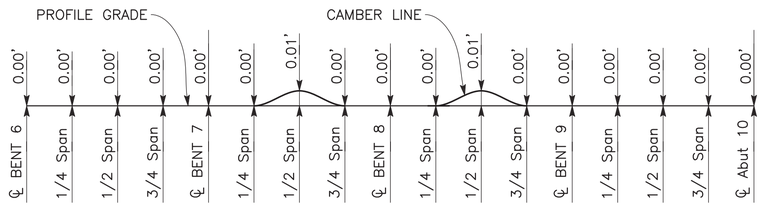
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RANCHO CORDOVA, CA 95670



PART DECK PLAN SPANS 1-4

¼" = 1'-0"





CAMBER DIAGRAM SPANS 6-9

No Scale

NOTE:
CAMBER DIAGRAM DOES NOT INCLUDE ALLOWANCES FOR FALSEWORK SETTLEMENT

PART DECK PLAN SPANS 6-9

¼" = 1'-0"

LEGEND:

Indicates Bundled Reinforcement

NOTES:

1. Space normal to and place parallel to ℄ Bridge.
2. Space along ℄ Bridge and place parallel to ℄ Brg Abut.
3. Continuous reinforcement must be service spliced.
4. Reinforcement symmetrical about ℄ of Bridge.
5. For additional reinforcement, see "SLAB DETAILS NO. 3" sheet.
6. For "SECTION A–A", see "ABUTMENT DETAILS NO. 1" sheet.

SHEET 231 OF 262

S-ST-40

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
SLAB DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025
TIME PLOTTED => 7:08 pm
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	22	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-SD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	151	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

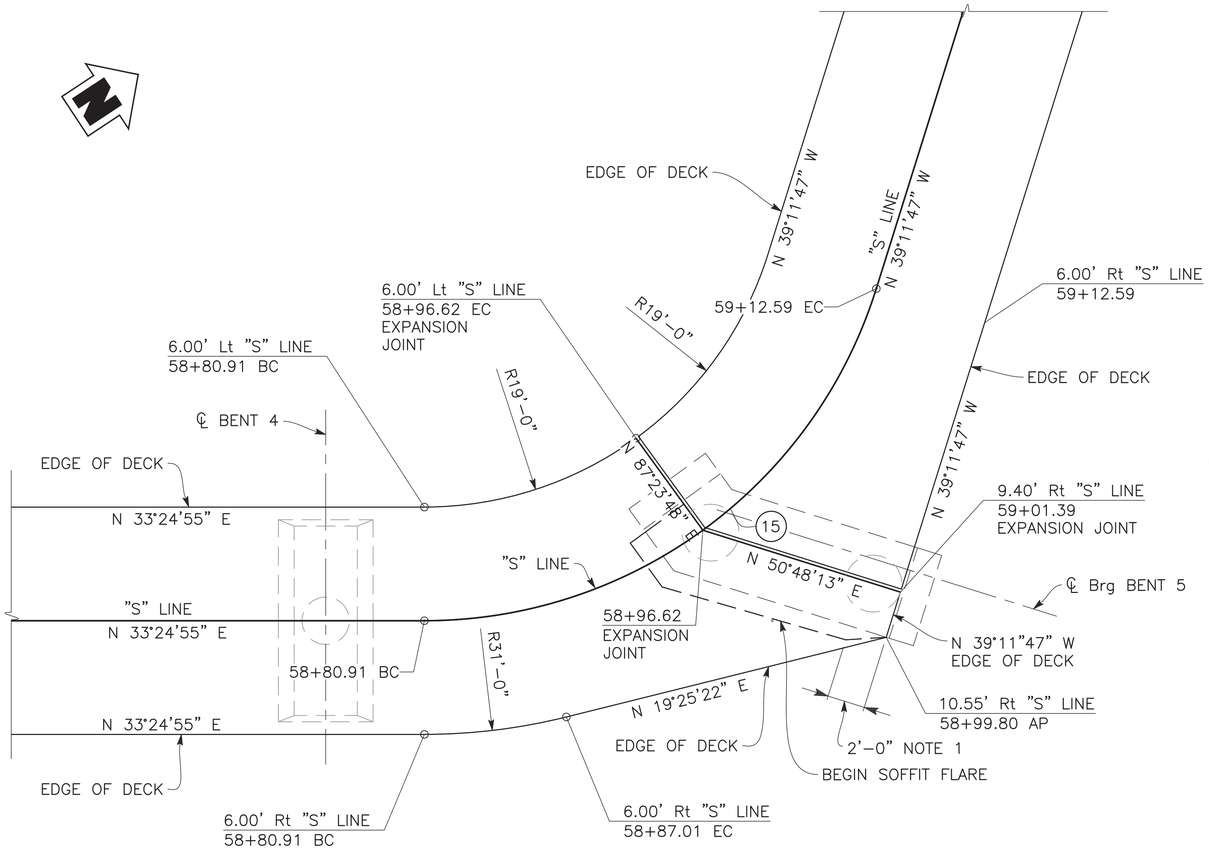
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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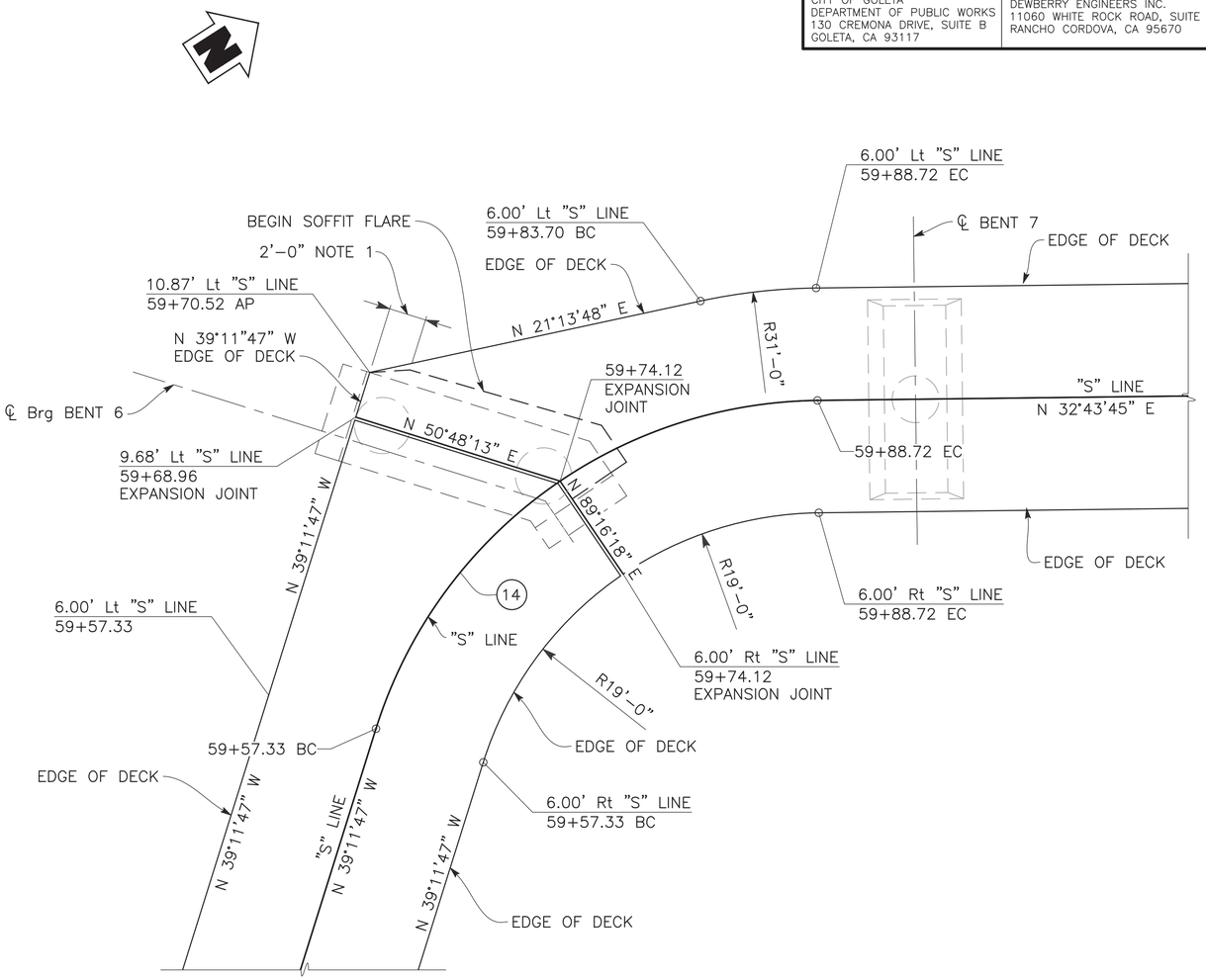
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GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
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RANCHO CORDOVA, CA 95670



EDGE OF DECK GEOMETRY AT BENT 5

¼" = 1'-0"



EDGE OF DECK GEOMETRY AT BENT 6

¼" = 1'-0"

NOTES:

1. Transition soffit flare from 10" to vertical over 2' from edge of deck.

SHEET 232 OF 262

S-ST-41

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
SLAB DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:09 pm USERNAME => ecisneros

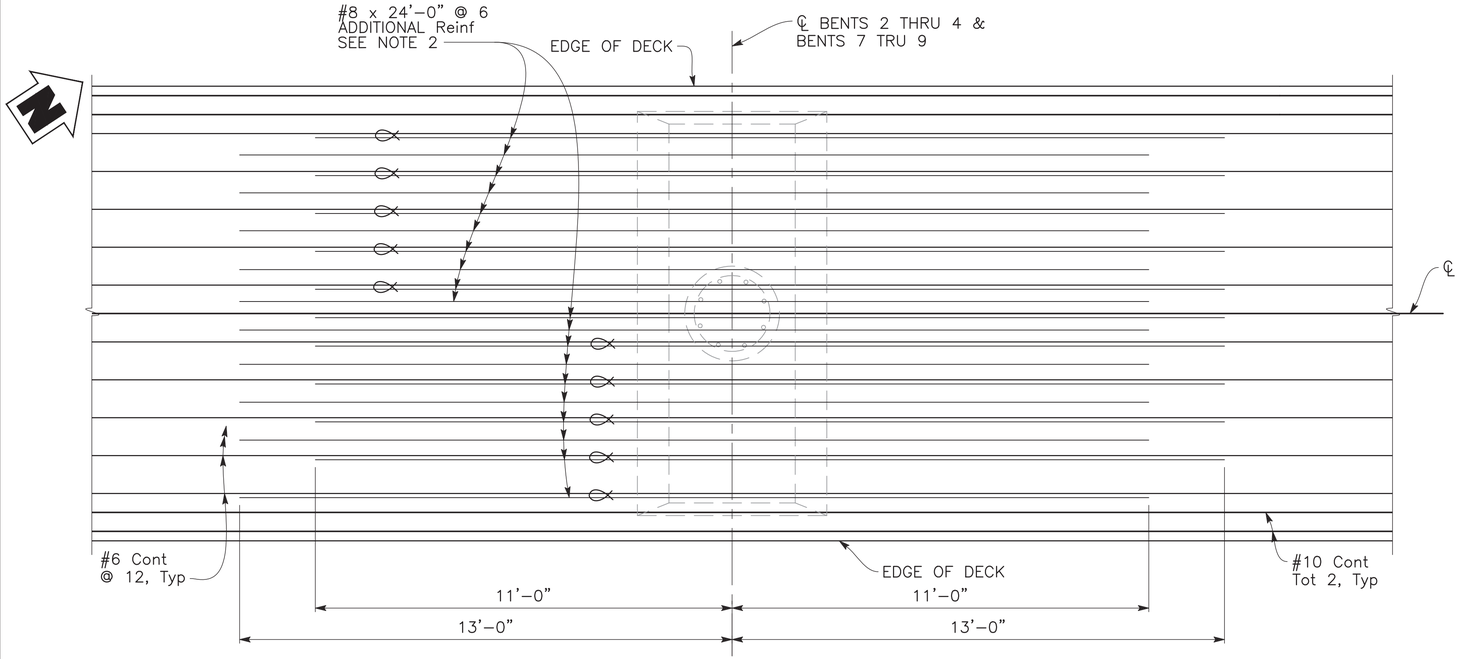
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

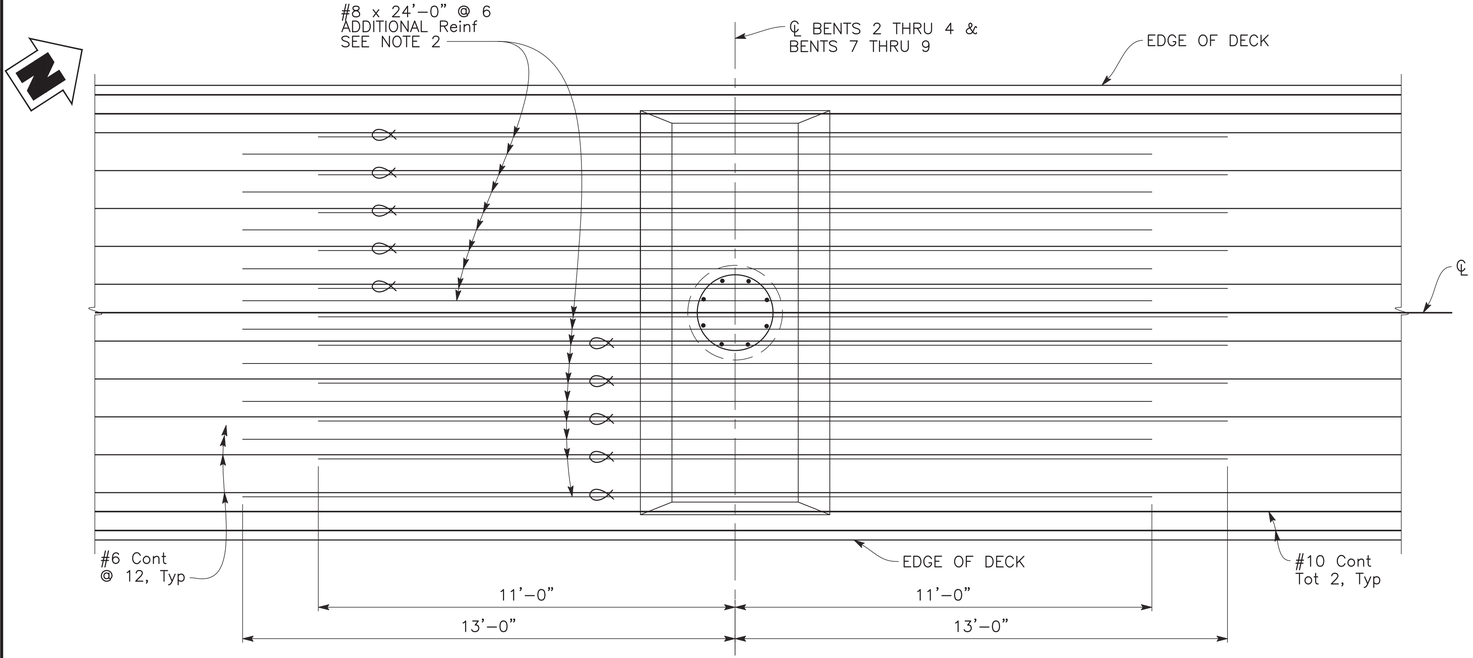
REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	23	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-SD2.dwg



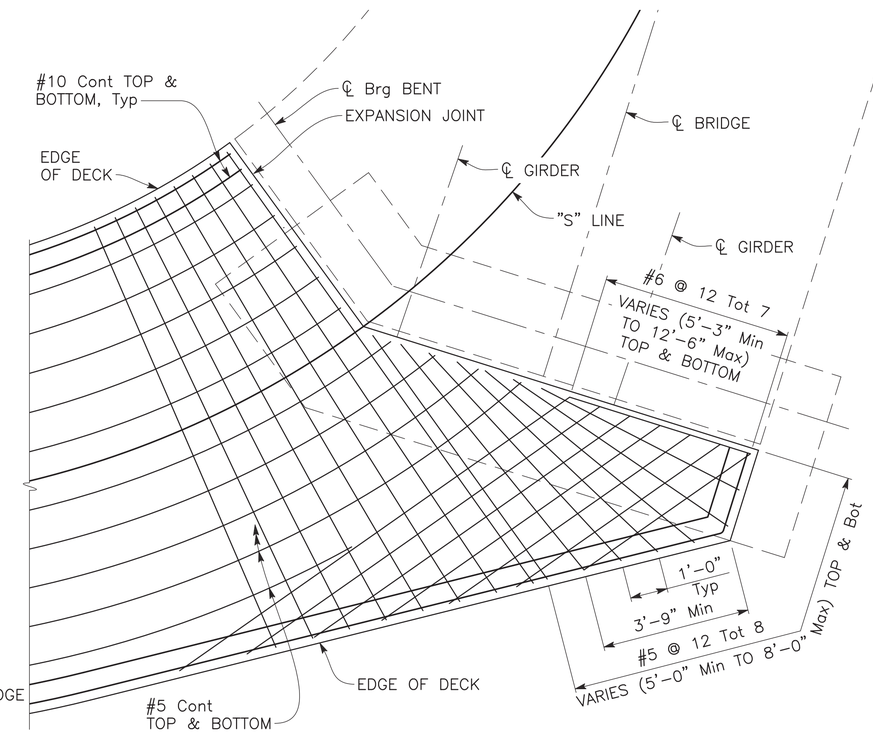
ADDITIONAL SLAB TOP REINFORCEMENT

½" = 1'–0"



ADDITIONAL SLAB BOTTOM REINFORCEMENT

½" = 1'–0"



ADDITIONAL TOP & BOTTOM REINFORCEMENT

SLAB CORNER REINFORCEMENT DETAIL

½" = 1'–0"

(CORNER REINFORCEMENT DETAIL AT BENT 5 SHOWN,
CORNER REINFORCEMENT DETAIL AT BENT 6 SIMILAR)

LEGEND:

⋈ Indicates Bundled Reinforcement

NOTES:

1. Reinforcement symmetrical about ℄ of Bridge.
2. Lap with #6 @ 12 continuous bars.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	152	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SHEET 233 OF 262

S-ST-42

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
SLAB DETAILS NO. 3

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:09 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/02/23	11/17/23	24	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTENT–SD3.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	153	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER DATE

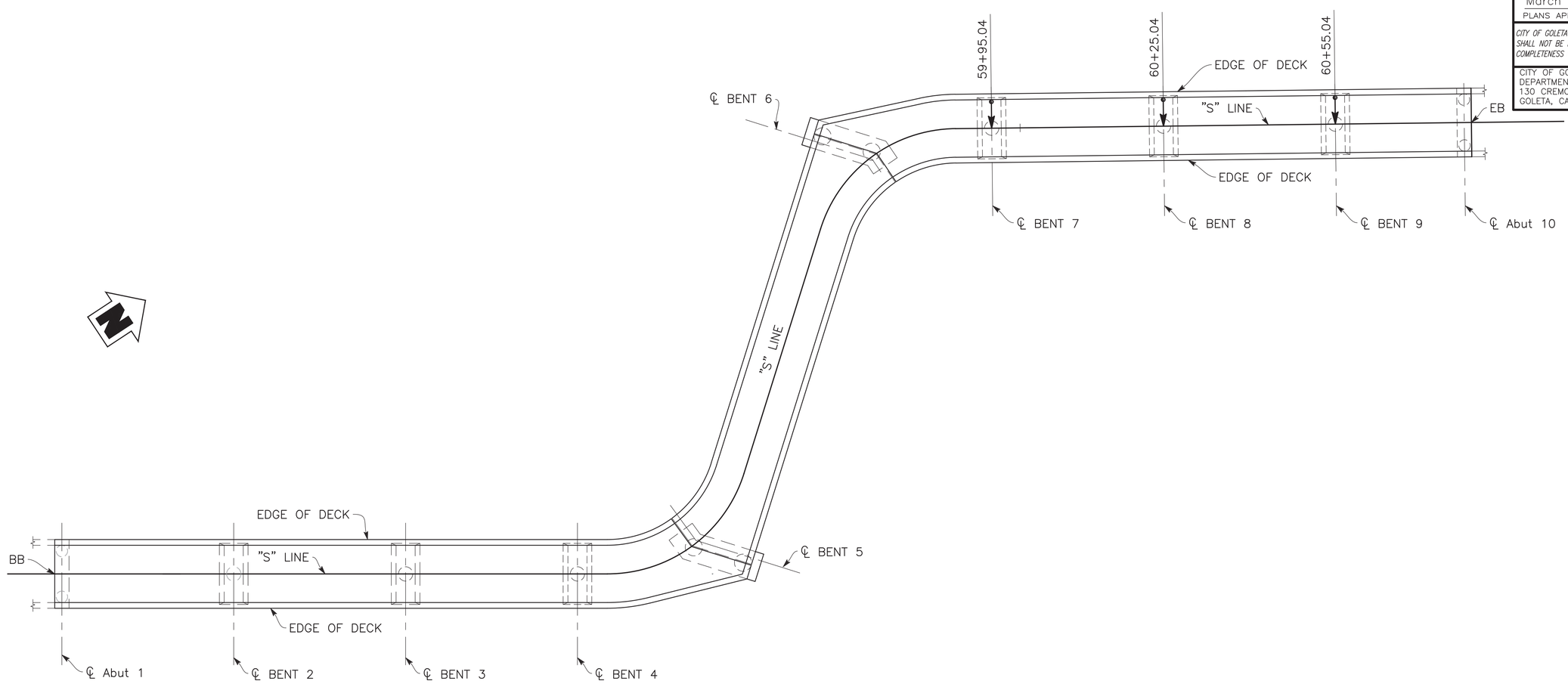
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/26
CIVIL
STATE OF CALIFORNIA

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GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DECK DRAIN LAYOUT

1" = 10'

LEGEND:

+XX — Indicates location of Deck Drain

Indicates direction of Drain Pipe and direction of Drain Outlet locations

SHEET 234 OF 262 **S-ST-43**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II PROJECT ENGINEER	BRIDGE No. 51-0370
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO			POST MILE 1.92
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY			

GOLETA POC
DECK DRAIN LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:09 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	25	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-DL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	154	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

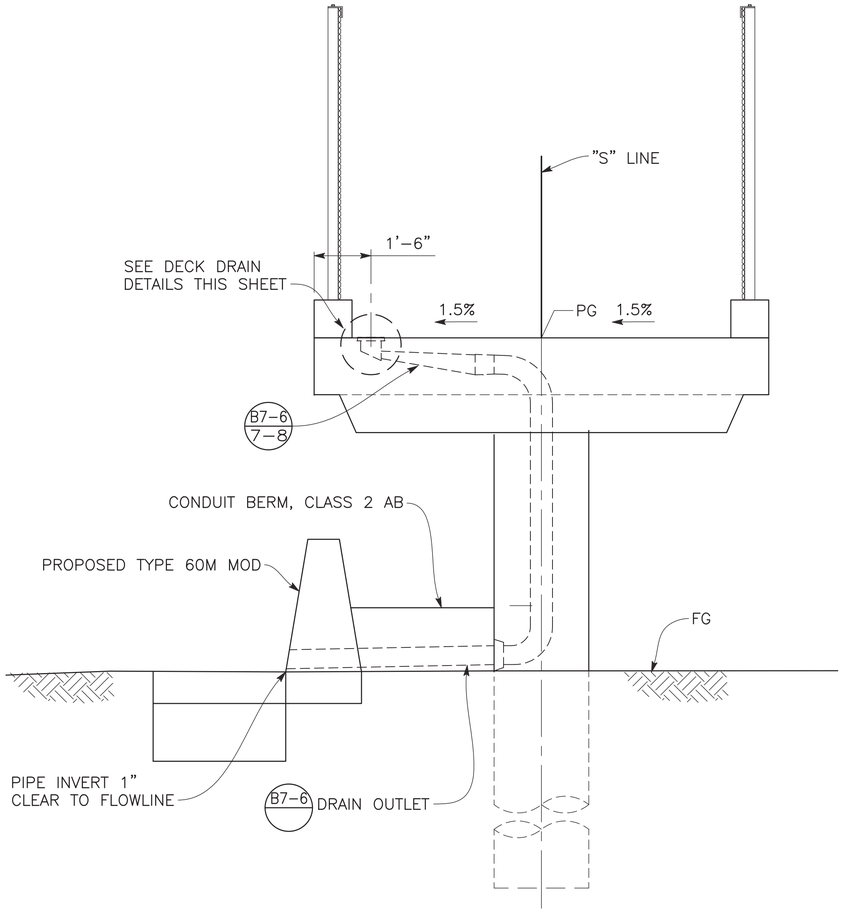
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

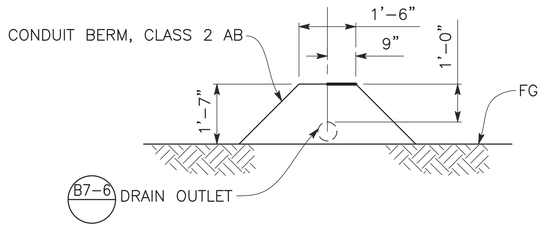
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

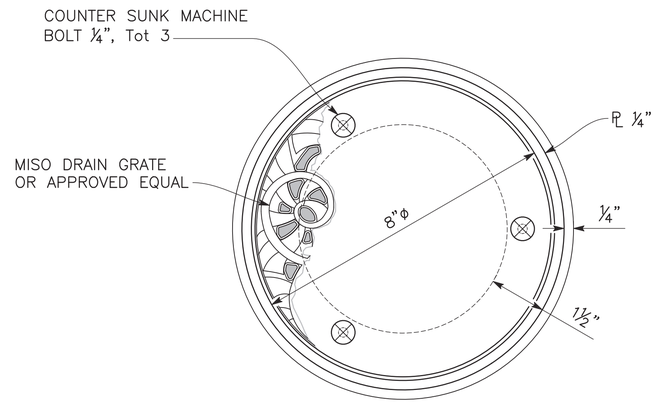
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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



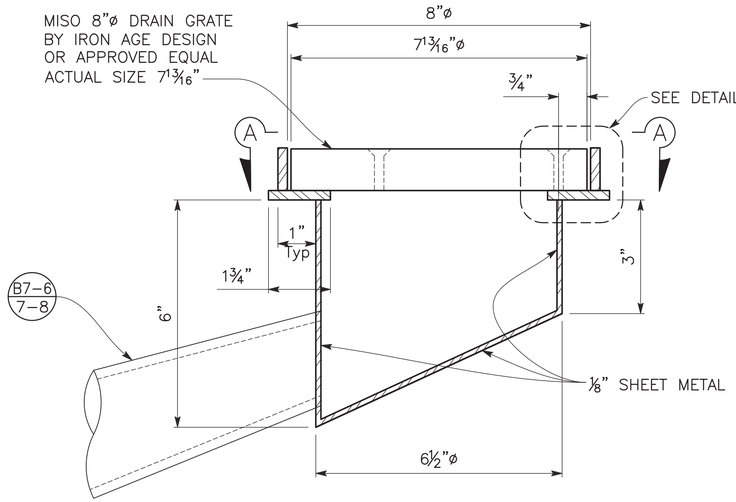
DECK DRAIN DETAIL
½" = 1'-0"



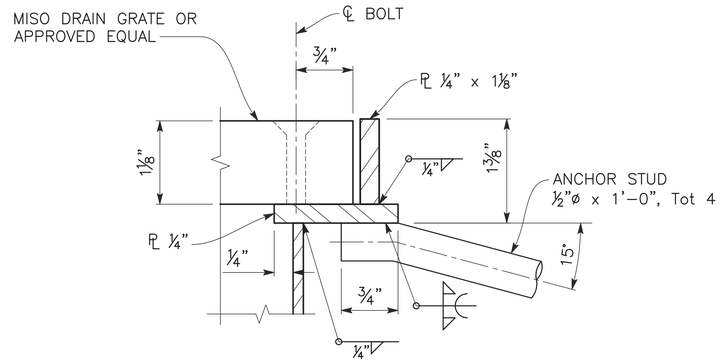
CONDUIT BERM
½" = 1'-0"



VIEW A-A
6" = 1'-0"



DECK DRAIN DETAIL
6" = 1'-0"



DETAIL 1
1" = 1"

SHEET 235 OF 262 **S-ST-44**

DESIGN OVERSIGHT SIGN OFF DATE		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II PROJECT ENGINEER	BRIDGE No. 51-0370 POST MILE 1.92	**GOLETA POC** **DECK DRAIN DETAILS**
		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO				
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY				

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:09 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES → REVISION DATES: 01/30/23 10/02/23 11/17/23

SHEET 26 OF 31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-DL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	155	159

Anthony T. Dubovik II 03/14/25
REGISTERED CIVIL ENGINEER — DATE

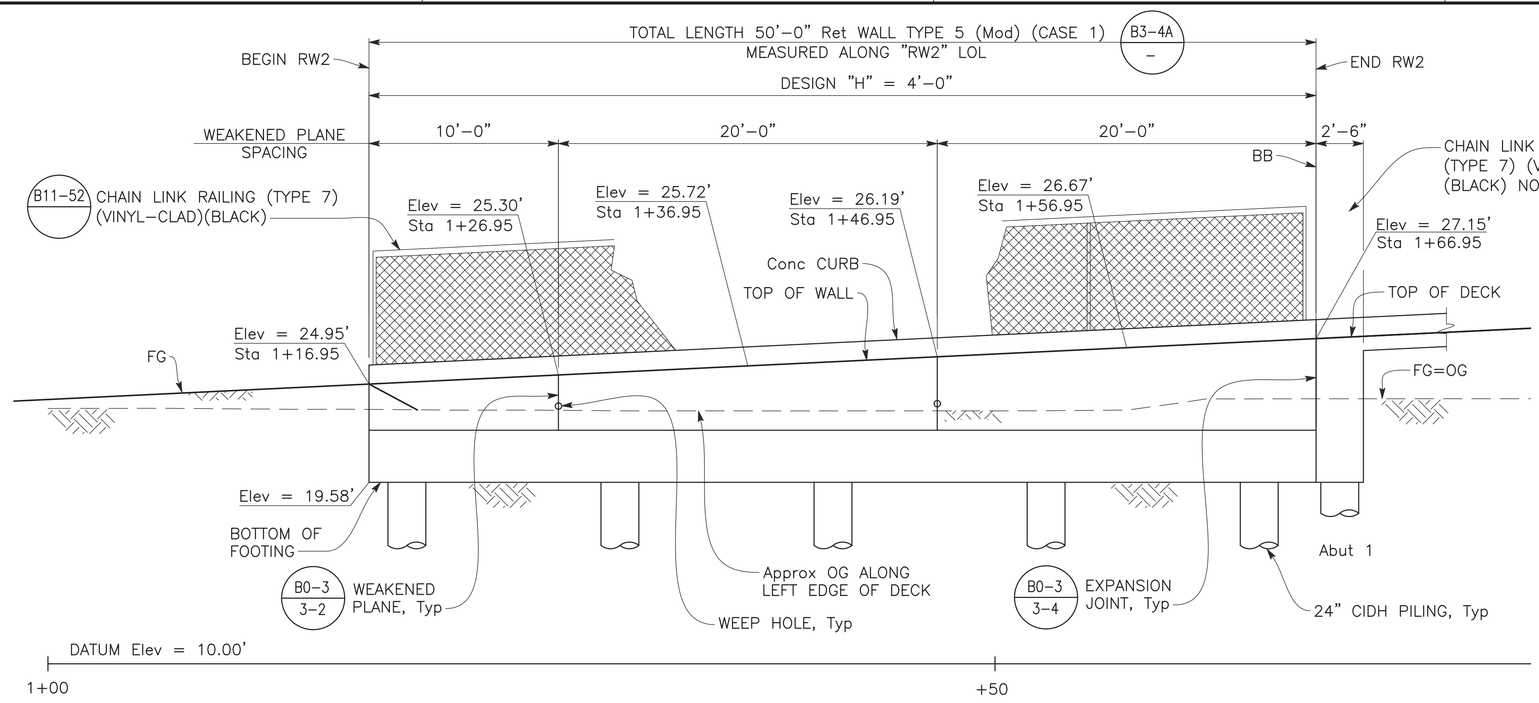
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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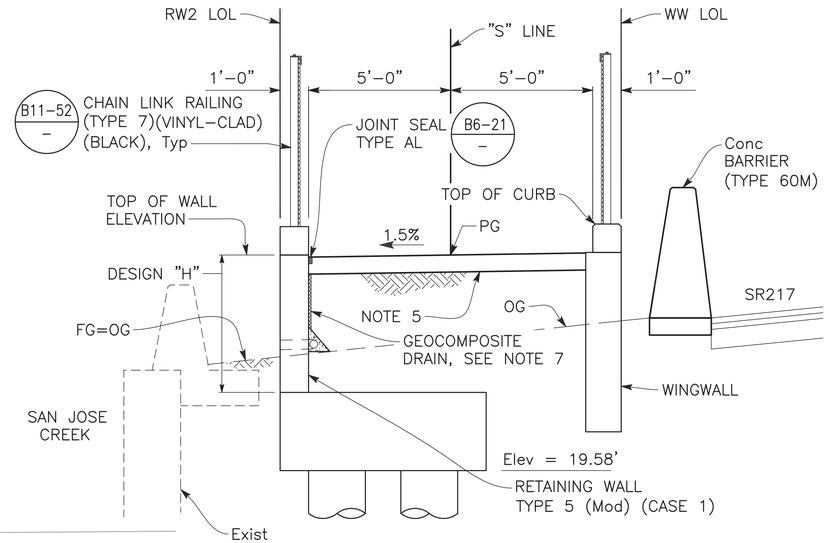
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GOLETA, CA 93117

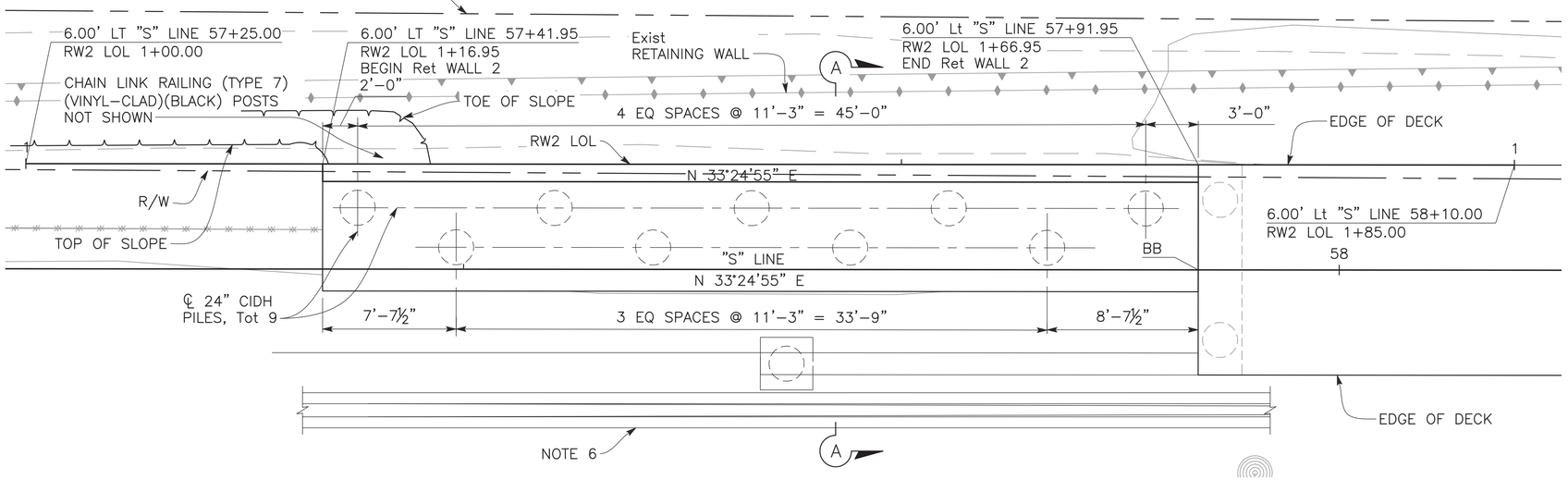
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

¼" = 1'-0"





PLAN

¼" = 1'-0"

SECTION A-A

⅜" = 1'-0"

NOTES:

1. Caltrans Standard Retaining Wall, Type 5 (Mod) (Case 1) B3-4A – .
2. Design "H" and Case "#" used to determine footing size and bar reinforcement in wall and footing may not reflect actual conditions.
3. For railing details at expansion joints, see B11-52 – .
4. For Retaining Wall Type 5 (Mod) reinforcement and 24" CIDH pile details, see "RETAINING WALL DETAILS" sheet.
5. For the structural section of the path, see typical cross section sheets elsewhere in these plans. For path details not shown, see "Road Plans".
6. Concrete Barrier (Type 60M), see road plans for details not shown.
7. For "Weep Hole and Geocomposite Drain Detail", see "ABUTMENT DETAILS NO. 3" sheet.

SHEET 236 OF 262

S-ST-45

DESIGN OVERSIGHT

SIGN OFF DATE

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
RETAINING WALL NO. 2-GENERAL PLAN

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 13, 2025 TIME PLOTTED => 1:53 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
01/30/23	10/27/23	11/17/23	27	31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-CWD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	156	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

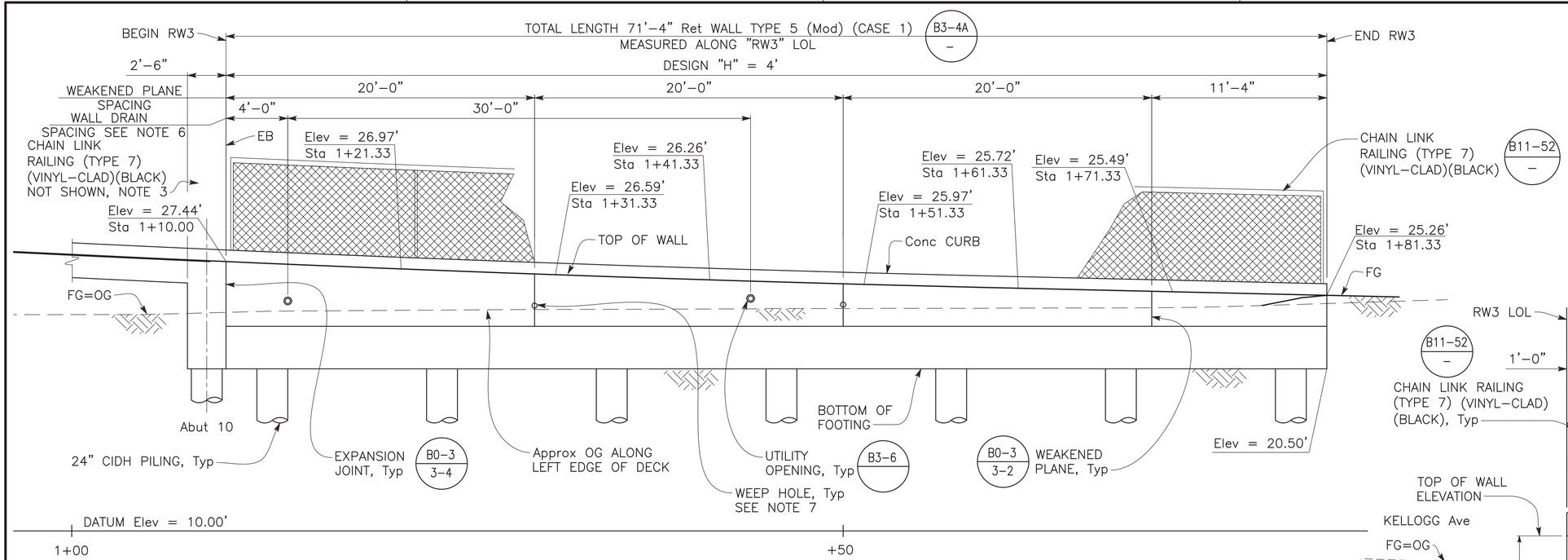
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

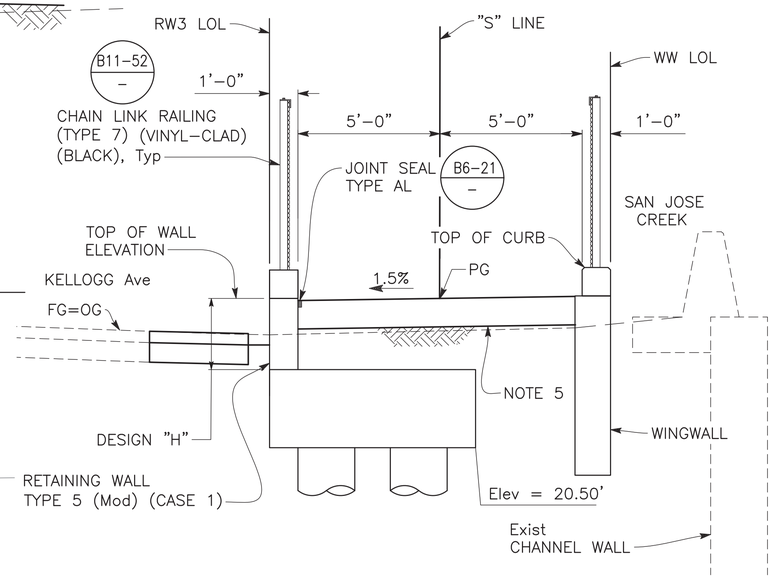
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



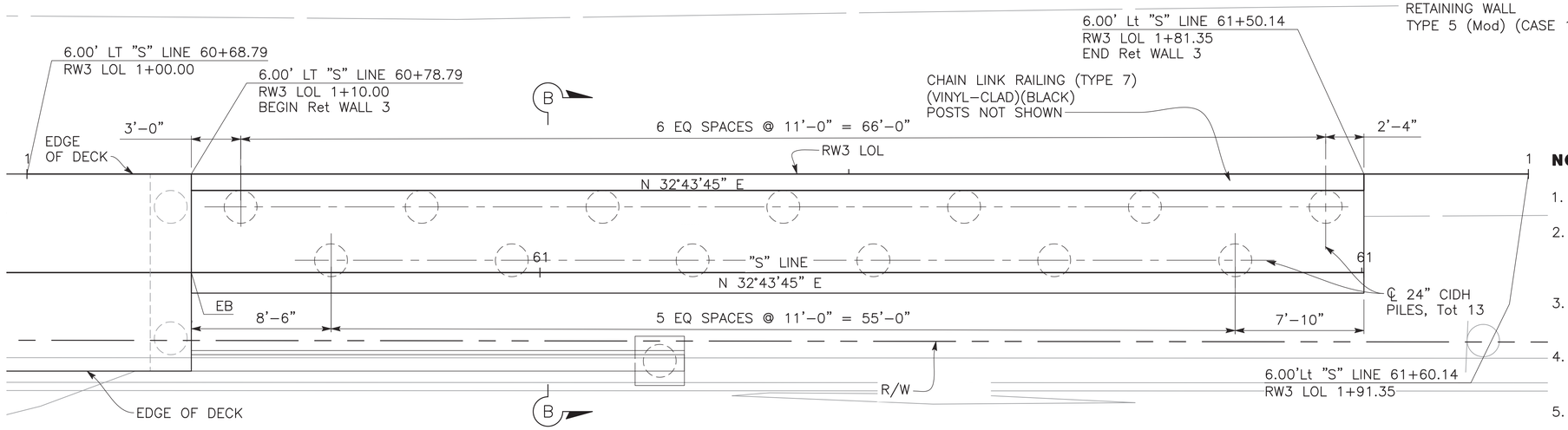
MIRRORED ELEVATION

¼" = 1'-0"



SECTION B-B

⅜" = 1'-0"



PLAN

¼" = 1'-0"

NOTES:

1. Caltrans Standard Retaining Wall, Type 5 (Mod) (Case 1) B3-4A – .
2. Design "H" and Case "#" used to determine footing size and bar reinforcement in wall and footing may not reflect actual conditions.
3. For railing details at expansion joints, see B11-52 – .
4. For Retaining Wall Type 5 (Mod) reinforcement and 24" CIDH pile details, see "RETAINING WALL DETAILS" sheet.
5. For the structural section of the path, see typical cross section sheets elsewhere on "RETAINING WALL DETAILS" sheets.
6. See "DRAIN PIPE DETAIL" on "RETAINING WALL DETAILS" sheet.
7. For "Weep Hole and Geocomposite Drain Detail", see "ABUTMENT DETAILS NO. 3" sheet.

SHEET 237 OF 262

S-ST-46

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	ANTHONY DUBOVIK II, PROJECT ENGINEER
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	BRIDGE No. 51-0370 / POST MILE 1.92

GOLETA POC
RETAINING WALL NO. 3-GENERAL PLAN

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 13, 2025 TIME PLOTTED => 1:53 pm USERNAME => ecisneros ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES → REVISION DATES: 01/30/23 10/07/23 11/17/23 SHEET 28 OF 31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-CWD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	157	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER — DATE

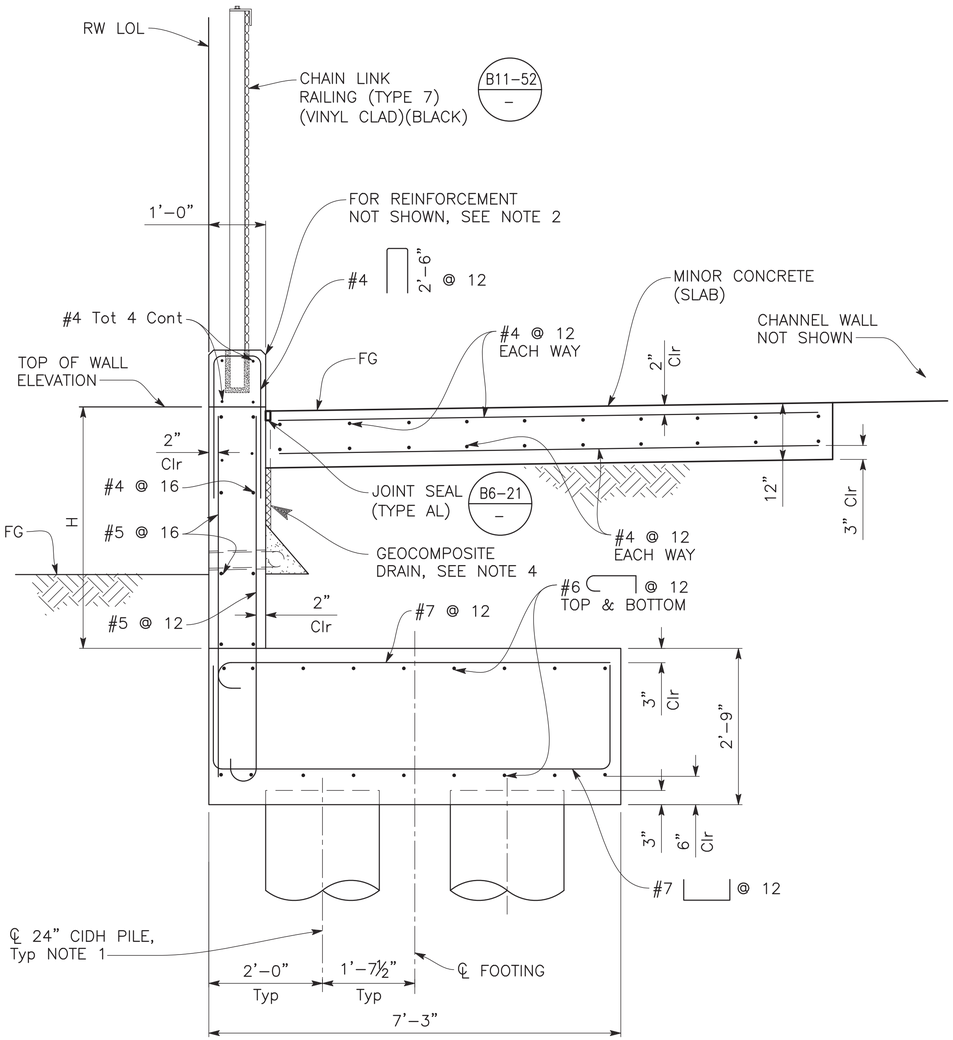
March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

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

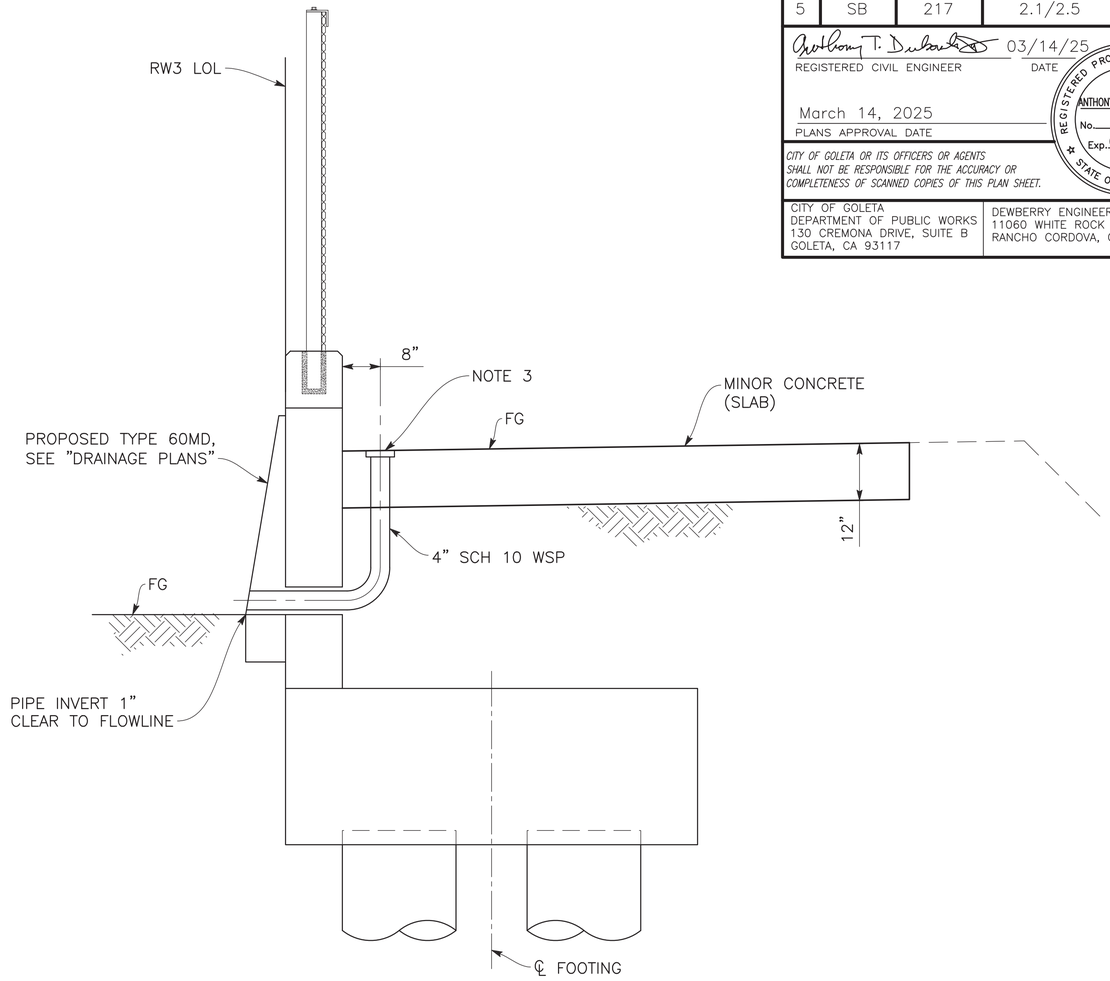
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



TYPICAL SECTION

¾" = 1'-0"



DRAIN PIPE DETAIL

¾" = 1'-0"

NOTES:

1. For pile details not shown, see B2-3 / –.
2. For Post Anchorage detail, see B11-52 / – and "TYPICAL SECTION NO. 1" sheet.
3. For drainage details not shown, see "DECK DRAIN DETAILS" sheet.
4. For "Weep Hole and Geocomposite Drain Detail", see "ABUTMENT DETAILS NO. 3" sheet.

SHEET 238 OF 262 **S-ST-47**

DESIGN OVERSIGHT		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
SIGN OFF DATE		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
RETAINING WALL DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Mar 11, 2025 TIME PLOTTED => 7:10 pm USERNAME => ecisneros

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

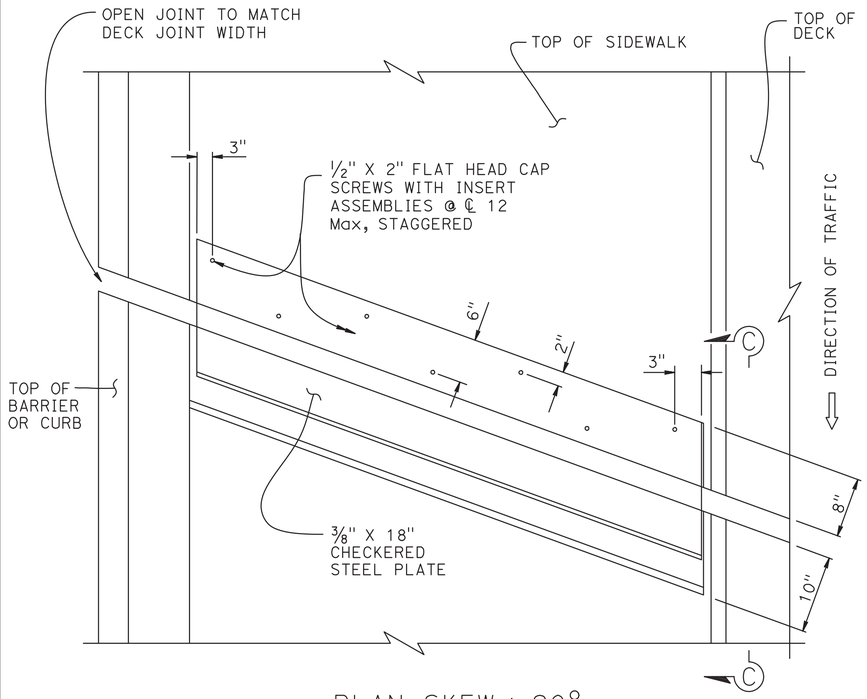
PROJECT NUMBER & PHASE: 05180002291

COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

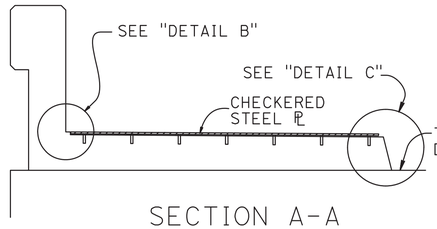
DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES	SHEET	OF
01/30/23 10/02/23 11/17/23	29	31

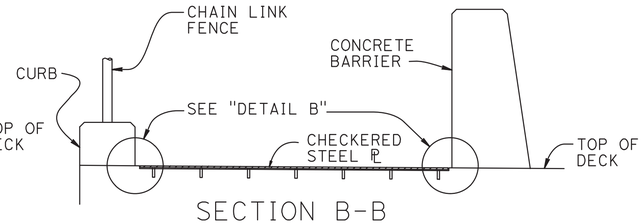
FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\SR217_SEXTENT-CWD.dwg



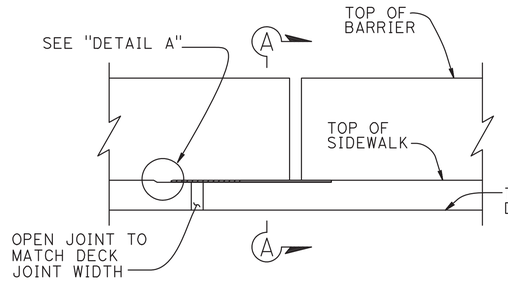
PLAN SKEW ≤ 20°



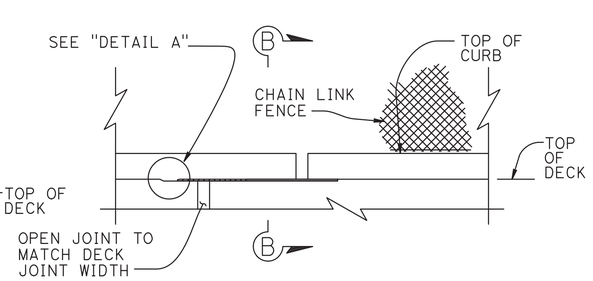
SECTION A-A



SECTION B-B



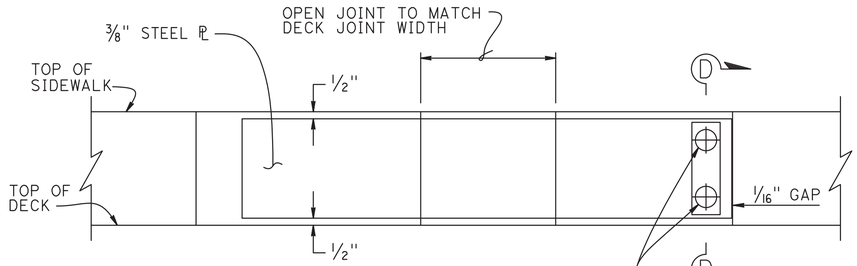
ELEVATION



ELEVATION

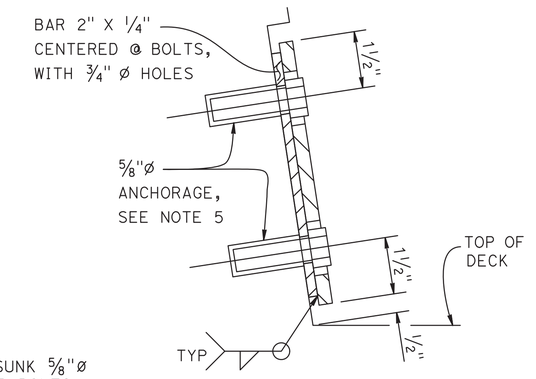
NOTE: Barrier not shown for clarity

NOTES:
1. Utility openings and expansion joints not shown for clarity
2. Recess concrete ½" for plates
3. Plates to be galvanized
4. Architectural treatment not shown
5. Insert assembly or expansion anchorage for ⅝" x 1¾" bolts. Use installation bolts extended ½" minimum past nut and coat with bond breaker. After concrete has cured, remove installation bolts, install HS bolts

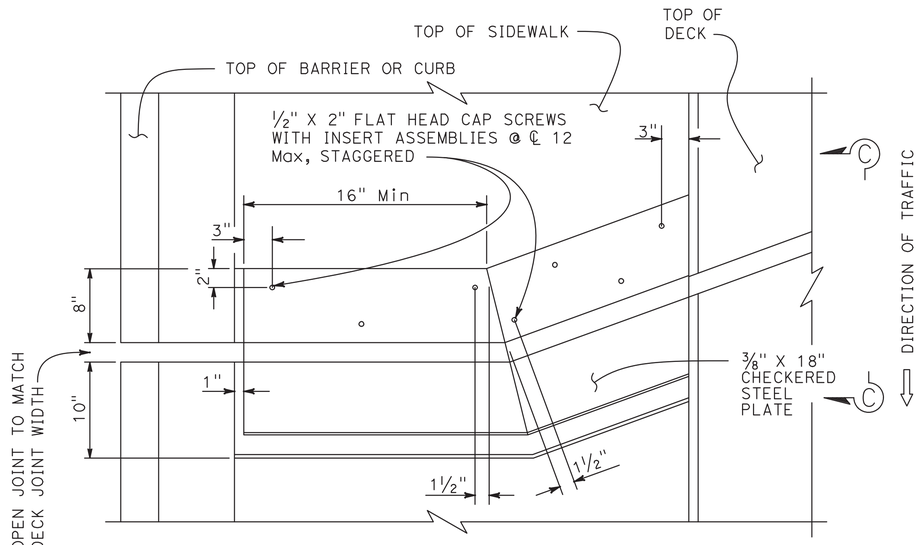


VIEW C-C

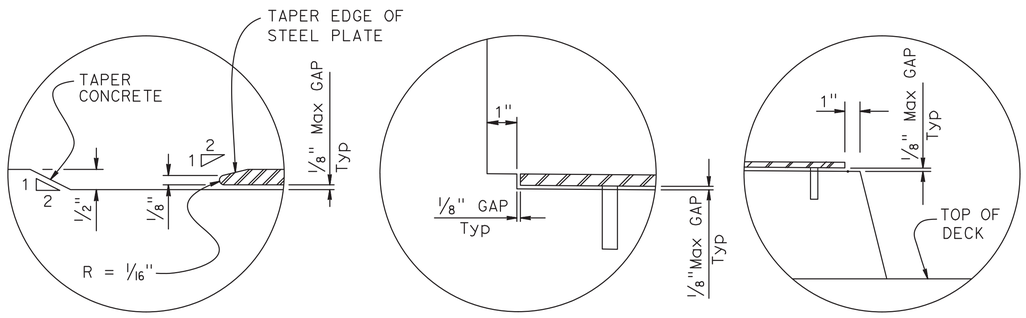
1½"ø HOLE FOR COUNTERSUNK ⅝"ø ANCHORAGE. PLACE ANCHOR BOLTS ON APPROACHING TRAFFIC END



SECTION D-D



PLAN SKEW > 20°



DETAIL A

DETAIL B

DETAIL C

NO SCALE

SHEET 239 OF 262

S-ST-48

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	158	159

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.

BRIDGE STANDARD DETAILS

xs8-050	October 2018	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

BRIDGE NO.	51-0370
POST MILE	1.92

GOLETA POC
JOINT ARMOR FOR PEDESTRIAN WALKWAYS

FILE => xs8-050.dgn
USERNAME => ecisneros TIME PLOTTED => 2:22 pm DATE PLOTTED => Mar 13, 2025

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE: 05180002291 CONTRACT NO.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
7-24-14	9-11-18	10-2-18	8-23-18	30	31

FILE => U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE-PEDESTRIAN\xs8-050.dwg

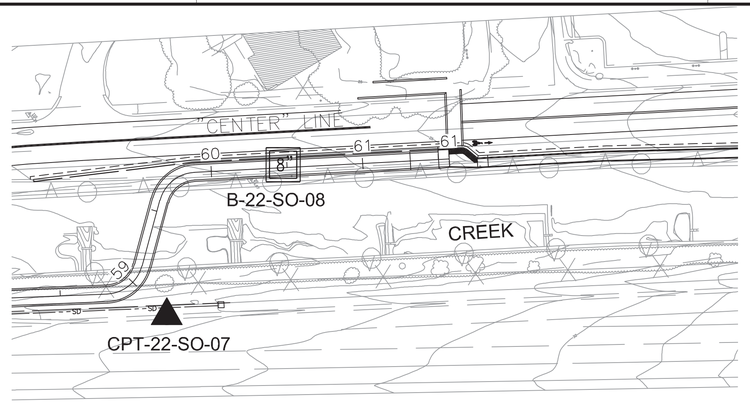
NOTES:

STANDARD PENETRATION TEST SAMPLER: I.D. = 1.4"; O.D. = 2"
MODIFIED CALIFORNIA SAMPLER: I.D. = 2.5"; O.D. = 3" HAMMER ASSEMBLY: A 140 LB HAMMER WITH A 30" DROP (AUTOMATIC HAMMER)

THIS LOTB SHEET WAS PREPARED IN ACCORDANCE WITH THE CALTRANS SOIL & ROCK, LOGGING, CLASSIFICATION, AND PRESENTATION MANUAL (2010)

SEE CALTRANS 2018 STANDARD PLANS A10F, A10G FOR SOIL LEGEND.

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN



PLAN
1" = 50'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
05	SB	217	1.02	159	159

GEOTECHNICAL PROFESSIONAL — 5-18-23 DATE

March 14, 2025
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

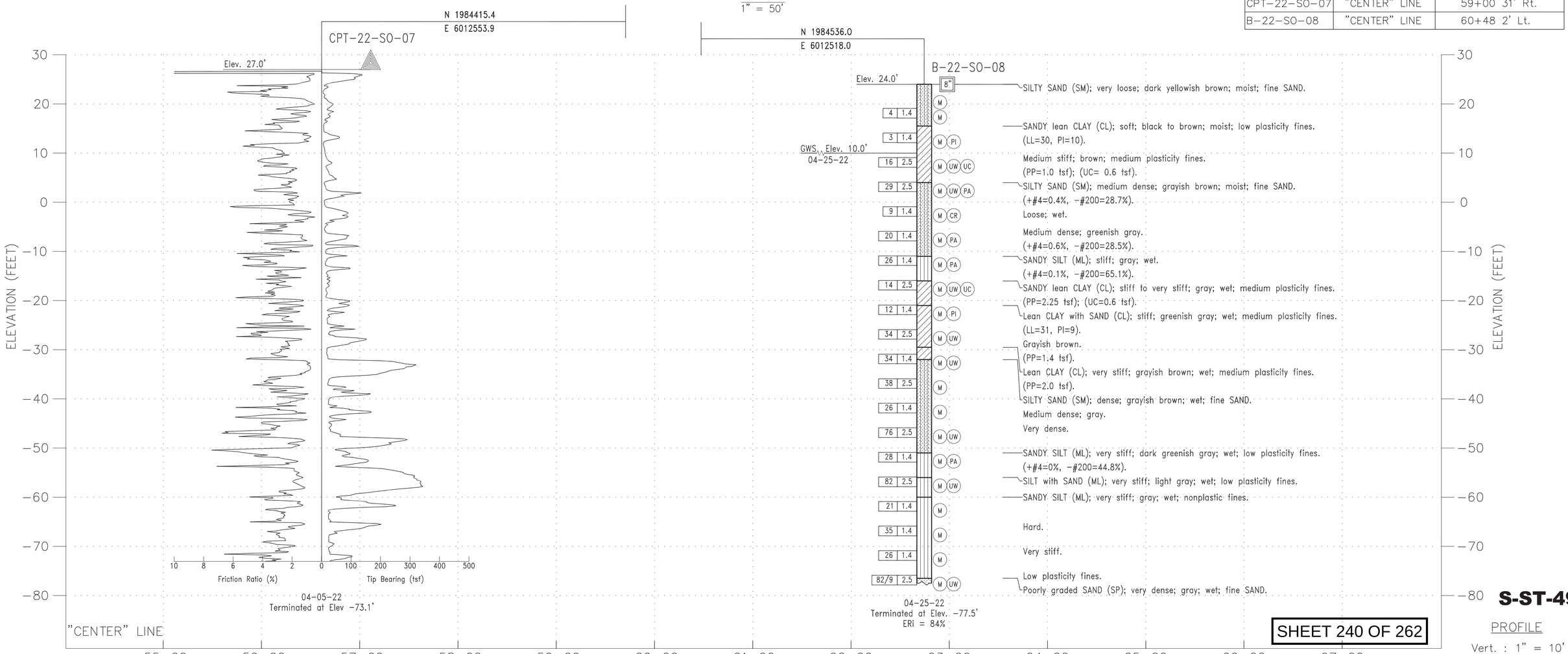
REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670-6061

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-22-SO-07	"CENTER" LINE	59+00 31' Rt.
B-22-SO-08	"CENTER" LINE	60+48 2' Lt.



S-ST-49

PROFILE
Vert. : 1" = 10'
Hor. : 1" = 50'

SHEET 240 OF 262

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	L.S. BHANGOO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI	BRIDGE NO. 51-0370	GOLETA POC
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	FIELD INVESTIGATION BY: DATE: April 2022		PROJECT ENGINEER	POST MILES 1.92	LOG OF TEST BORINGS

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3585
PROJECT NUMBER & PHASE: 0518000229 1 CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES | SHEET 31 | OF 31

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	1	20

CITY OF GOLETA

PUBLIC WORKS DEPARTMENT

PROJECT PLANS FOR CONSTRUCTION FOR

SAN JOSE CREEK MULTIPURPOSE PATH PROJECT
UNION PACIFIC RAILROAD SEGMENT

CROSSING UNDER UNION PACIFIC RAILROAD (UPRR)
FACILITIES IN CITY OF GOLETA, CALIFORNIA, SANTA BARBARA COUNTY SUBDIVISION
MILE POST 359.679, DOT 975200C
LOCATION: 34.44046257, -119.81644346

TO BE SUPPLEMENTED BY UNION PACIFIC RAILROAD PUBLIC PROJECTS MANUAL, VERSION 001, DATED July 30, 2021,
CALTRANS 2023 STANDARD PLANS AND CITY OF GOLETA STANDARDS DATED SEPTEMBER 2011

BID ALTERNATE "A"

INDEX OF PLANS

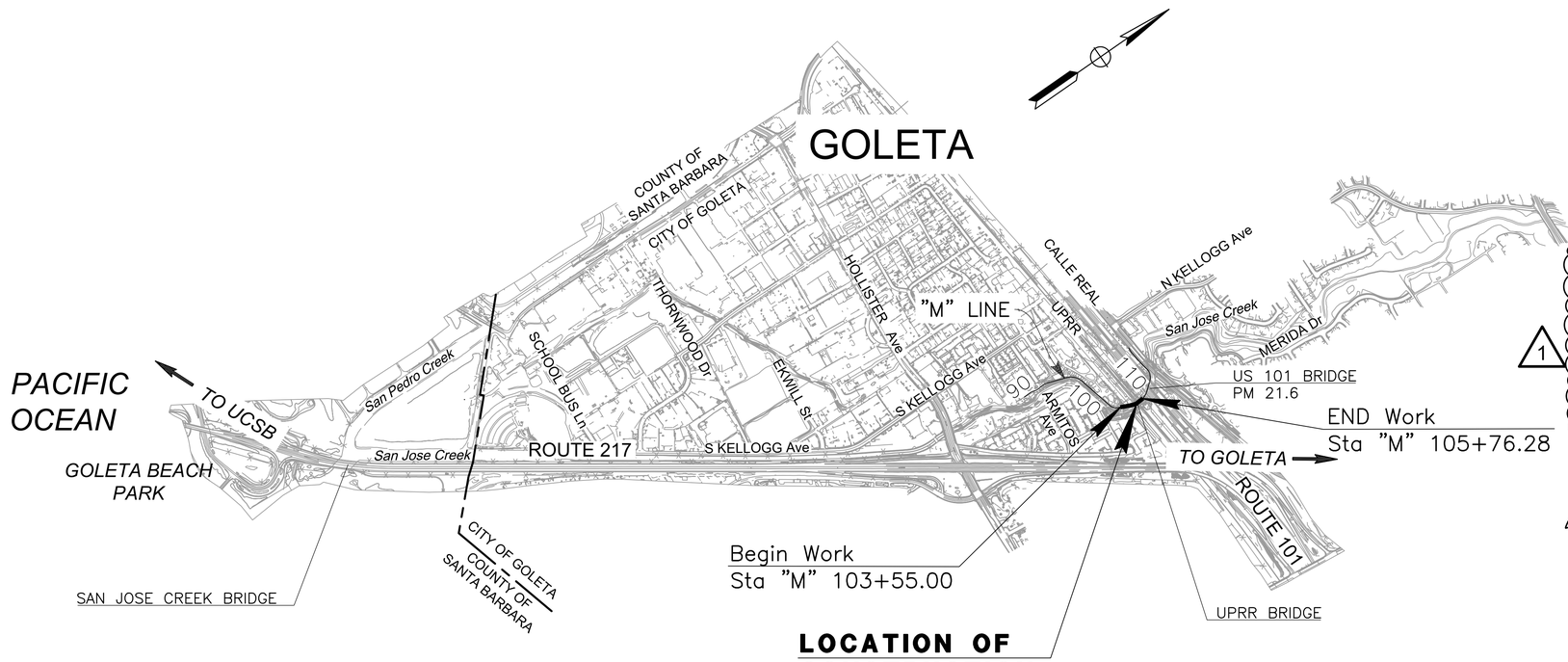
SHEET	DRAWING	TITLE
1	UPRR-T-1	TITLE SHEET REVISED 1
2	UPRR-X-1	TYPICAL CROSS SECTIONS
3	UPRR-PP-1	PLAN AND PROFILE
4-9	UPRR-C-1 TO UPRR-C-6	CONSTRUCTION DETAILS
10	UPRR-D-1	DRAINAGE PLAN
11	UPRR-DP-1	DRAINAGE PROFILES
12	UPRR-U-1	UTILITY PLAN
13	UPRR-PD-1	PAVEMENT DELINEATION AND SIGN PLAN
14-15	UPRR-Q-1 TO UPRR-Q-2	SUMMARY OF QUANTITIES
16	UPRR-EC-1	EROSION CONTROL PLAN

STRUCTURE PLANS

SHEET	DRAWING	TITLE
17	UPRR-RW-1	RETAINING WALL GENERAL NOTES
18	UPRR-RW-2	RETAINING WALL PLAN
19-20	UPRR-RW-3 TO UPRR-RW-4	RETAINING WALL DETAILS
21-22	UPRR-RW-5 TO UPRR-RW-6	LOG OF TEST BORINGS

1 **ADDENDUM No. 1 DATED APRIL 15, 2025**





NO SCALE

RECEIVED BY:

PUBLIC WORKS DIRECTOR — 4/24/2025 DATE

PUBLIC WORKS DEPARTMENT

1 ORIGINAL SIGNED DATE _____

THE ENGINEERS WHOSE STAMP AND SIGNATURE APPEAR HEREIN ARE IN RESPONSIBLE CHARGE OF PREPARING THESE PLANS AND SPECIFICATIONS.

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER — 03-14-25 DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

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

SHEET 241 OF 262

CITY OF GOLETA, DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
LAST REVISION 03-14-25

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

U:\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\UPRR-R-T.dwg, 4/23/2025 1:37 PM,

BORDER LAST REVISED 9/30/2012 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | UNIT 00000 | PROJECT NUMBER AND PHASE 324 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	2	22

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR EXACT LOCATION OF PAVEMENT, CURB, FENCE, RETAINING WALL, AND HINGE POINT TRANSITIONS, SEE PLAN AND PROFILE SHEETS.
3. SUBGRADE TO BE SAME AS TYPICAL SURFACE SLOPE UNLESS OTHERWISE NOTED.
4. SHOULDER CROSS SLOPE TO MATCH PATH CROSS SLOPE.
5. SEE N-X-1 FOR LIST OF ABBREVIATIONS.

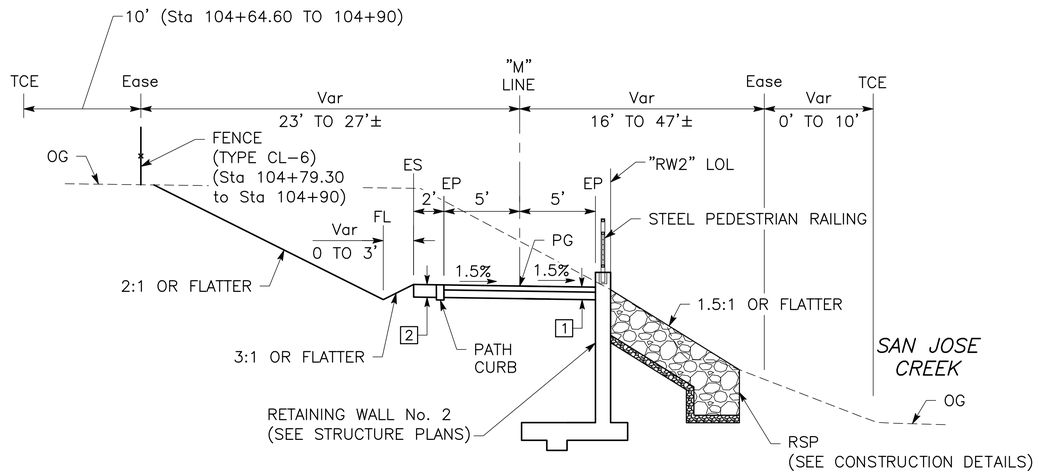
STRUCTURAL SECTIONS

[1] 0.42' PERVIOUS CONCRETE
0.50' 3/4" CRUSHED ROCK

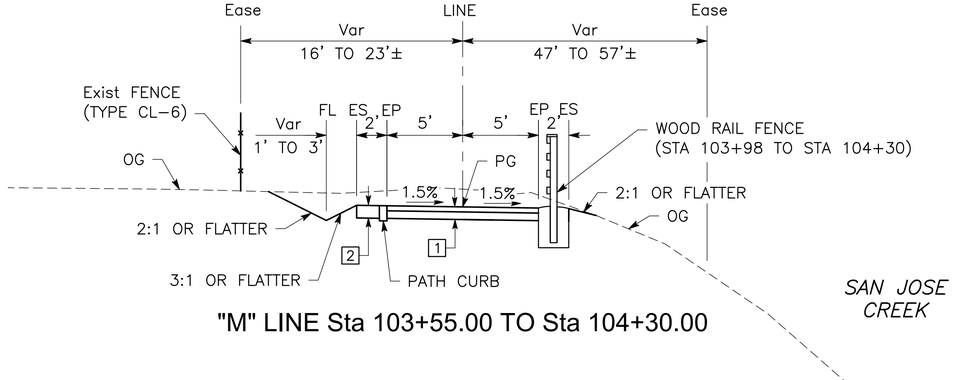
[2] 0.83' AB (CLASS 2)

MULTIPURPOSE PATH DESIGN DESIGNATION

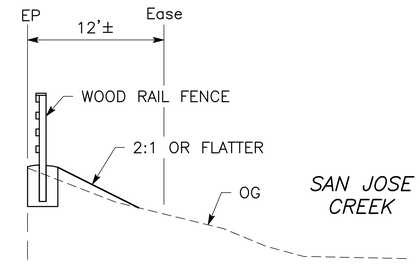
CLASSIFICATION: CLASS I PATH
V = 20MPH



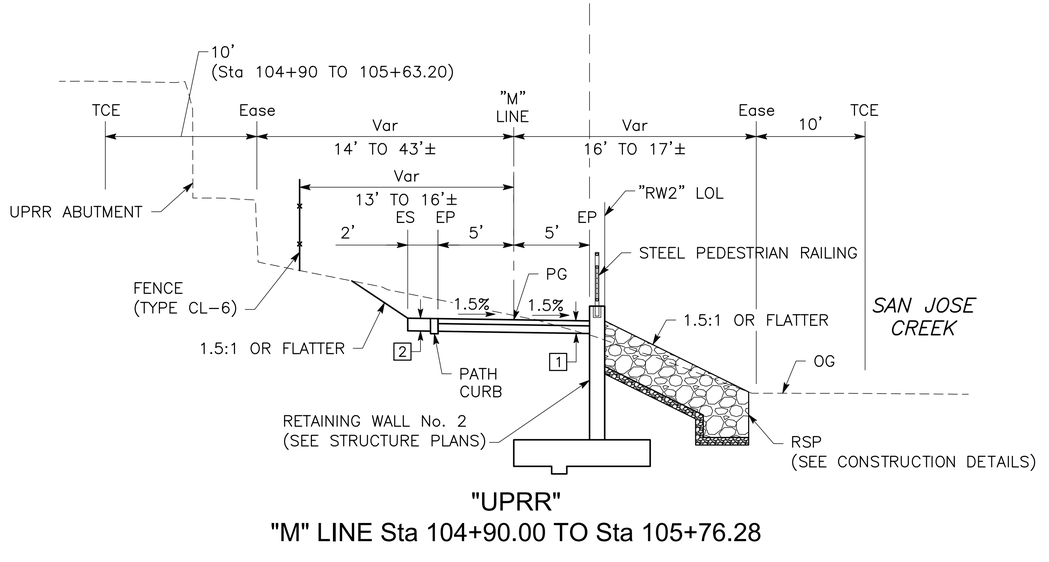
"M" LINE Sta 104+30.00 TO Sta 104+90.00



"M" LINE Sta 103+55.00 TO Sta 104+30.00



"UPRR"
"M" LINE Sta 105+23.43 TO Sta 105+76.28



"UPRR"
"M" LINE Sta 104+90.00 TO Sta 105+76.28

TYPICAL CROSS SECTIONS

NO SCALE

UPRR-X-1

SHEET 242 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY
CHECKED BY
JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:57 am

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\UPRR-R-X.dwg, 3/26/2025 10:57 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => jsanchez | DGN FILE => UPRR-R-X.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229 | 325

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	3	22

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

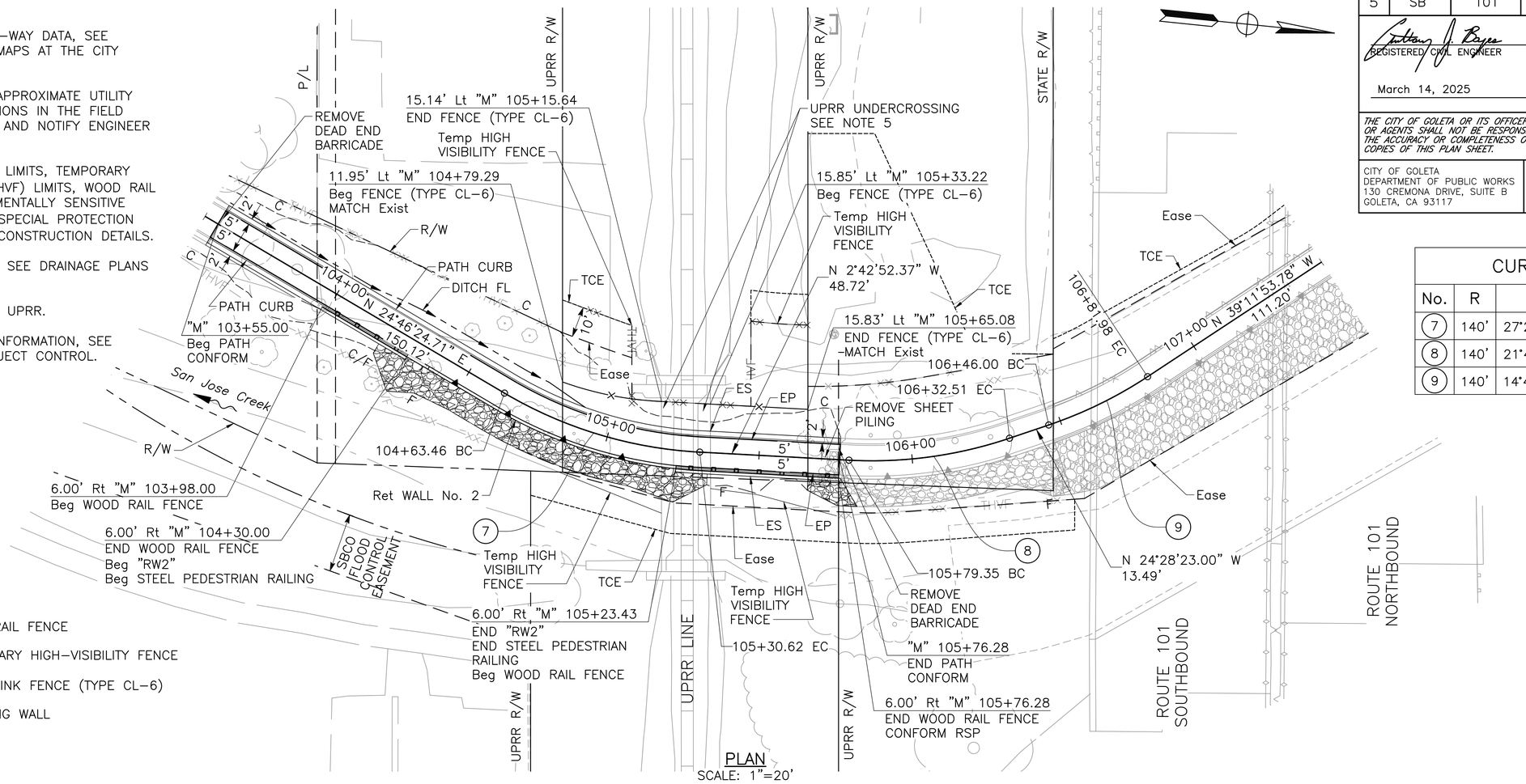
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE UTILITY PLANS FOR APPROXIMATE UTILITY LOCATIONS. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. FOR TREE REMOVAL, RSP LIMITS, TEMPORARY HIGH VISIBILITY FENCE (THVF) LIMITS, WOOD RAIL FENCE DETAILS, ENVIRONMENTALLY SENSITIVE AREA (ESA) LIMITS, AND SPECIAL PROTECTION AREA (SPA) LIMITS, SEE CONSTRUCTION DETAILS.
4. FOR DRAINAGE FACILITIES, SEE DRAINAGE PLANS AND PROFILES.
5. DECK CLOSURE WORK BY UPRR.
6. FOR PROJECT CONTROL INFORMATION, SEE NORTHERN SEGMENT PROJECT CONTROL.

ABBREVIATIONS:

GB GRADE BREAK
AP ANGLE POINT

LEGEND:

- WOOD RAIL FENCE
- -THVF-----xx- TEMPORARY HIGH-VISIBILITY FENCE
- CHAIN LINK FENCE (TYPE CL-6)
- RETAINING WALL
- CUT
- FILL



PLAN
SCALE: 1"=20'

"M" LINE PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

No.	R	Δ	T	L
7	140'	27°29'17"	34.24'	67.17'
8	140'	21°45'31"	26.91'	53.17'
9	140'	14°43'31"	18.09'	35.98'

CURVE DATA

PLAN AND PROFILE

SCALE AS SHOWN **UPRR-PP-1**

SHEET 243 OF 262

CALCULATED-DESIGNED BY	CHECKED BY	SUPERVISOR	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
A. BOYES	J. SILVA	JOSE SILVA	CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:57 am

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BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-PP1.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
326

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	4	22

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY-DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.

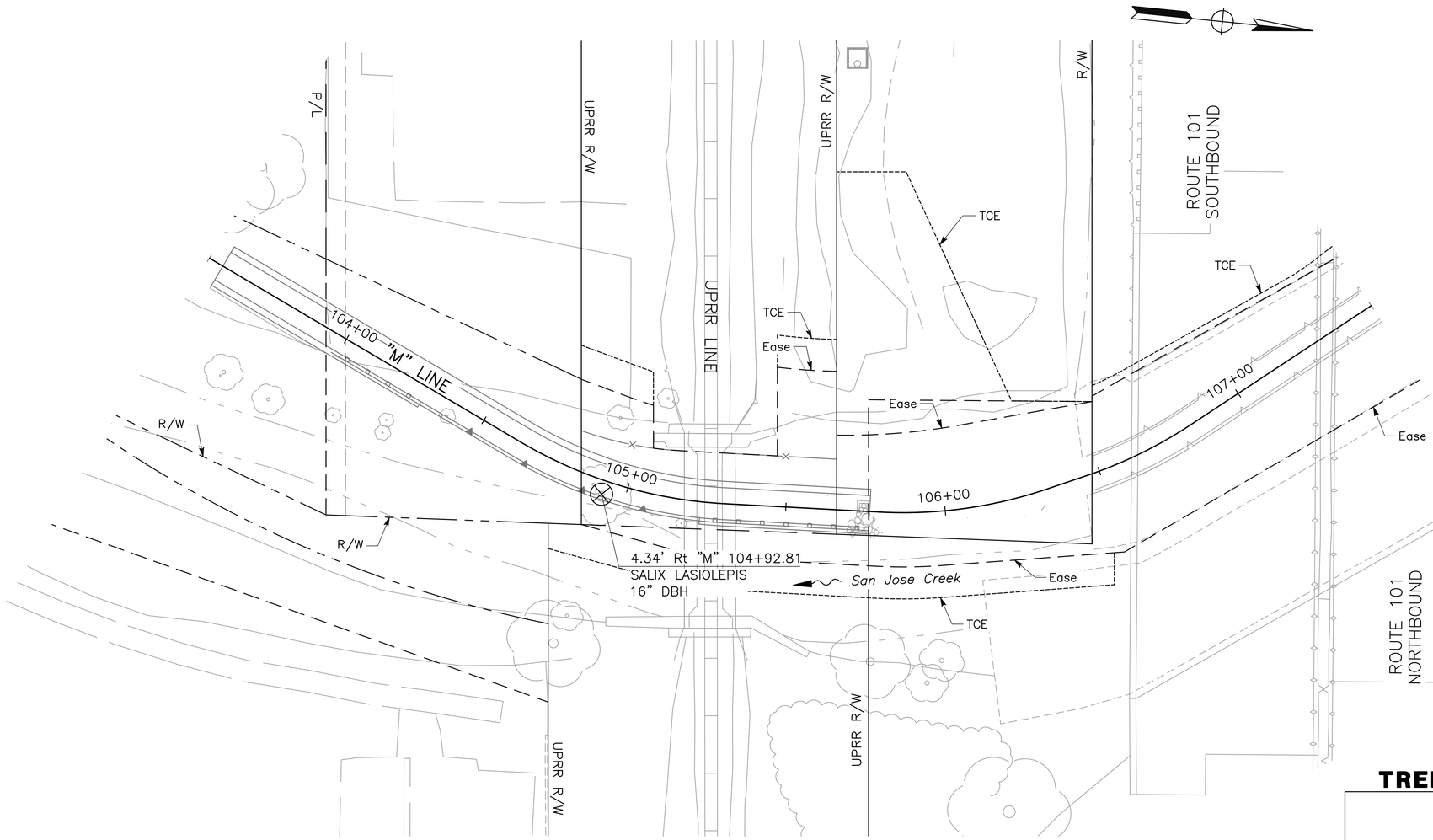
LEGEND:

⊗ TREE REMOVAL

FLOW LINE DIRECTION

ABBREVIATION:

DBH DIAMETER AT BREAST HEIGHT



TREE REMOVAL QUANTITIES

SPECIES NAME	REMOVE TREE
	EA
SALIX LASIOLEPIS	1
TOTAL	1

CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

UPRR-C-1

SHEET 244 OF 262

REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	A. BOYES
CHECKED BY	J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
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BORDER LAST REVISED 7/2/2010 | USERNAME => jsanchez | DGN FILE => UPRR-R-C1.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	5	22

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

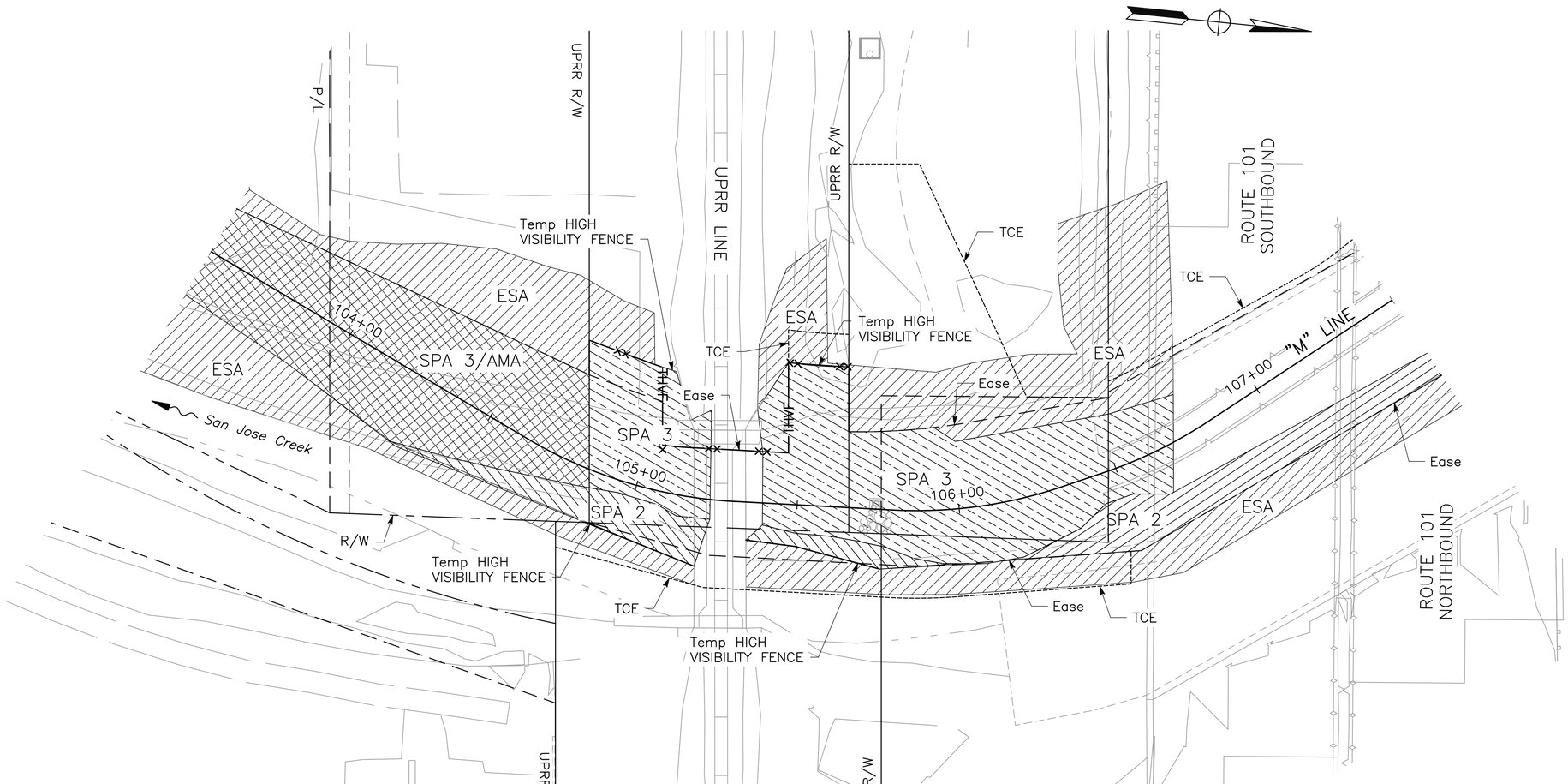
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE PLAN AND PROFILE SHEET FOR CONTROL LINE INFORMATION NOT SHOWN.
3. THE NORTHERN SEGMENT WORK IS LOCATED OUTSIDE OF THE CITY OF GOLETA COASTAL ZONE BOUNDARY.
4. SEE SHEET UPRR-R-C3 FOR TEMPORARY HIGH VISIBILITY FENCE INFORMATION.

LEGEND:

- SPA 2 — SPA 2 (JURISDICTIONAL WATERS IN SAN JOSE CREEK)
- SPA 3 — SPA 3 (JURISDICTIONAL RIPARIAN HABITAT)
- SPA 3/AMA — SPA 3/AMA (JURISDICTIONAL RIPARIAN HABITAT)/AMA
- ESA — ESA



CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

UPRR-C-2

SHEET 245 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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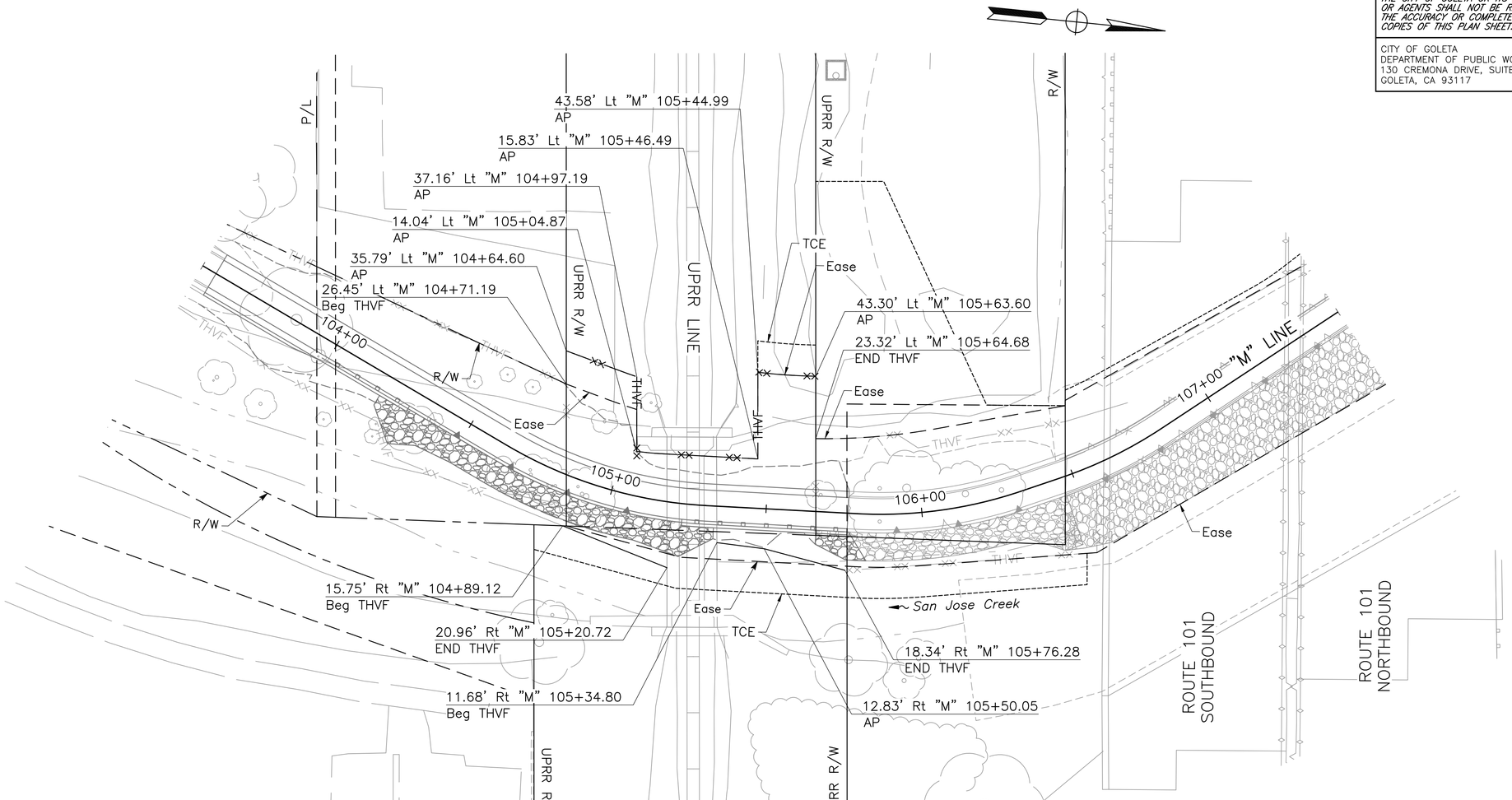
LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-C2.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	6	22

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONSTRUCTION DETAILS (TEMPORARY HIGH VISIBILITY FENCE)

SCALE: 1"=20'

UPRR-C-3

SHEET 246 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

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BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-C3.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	7	22

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

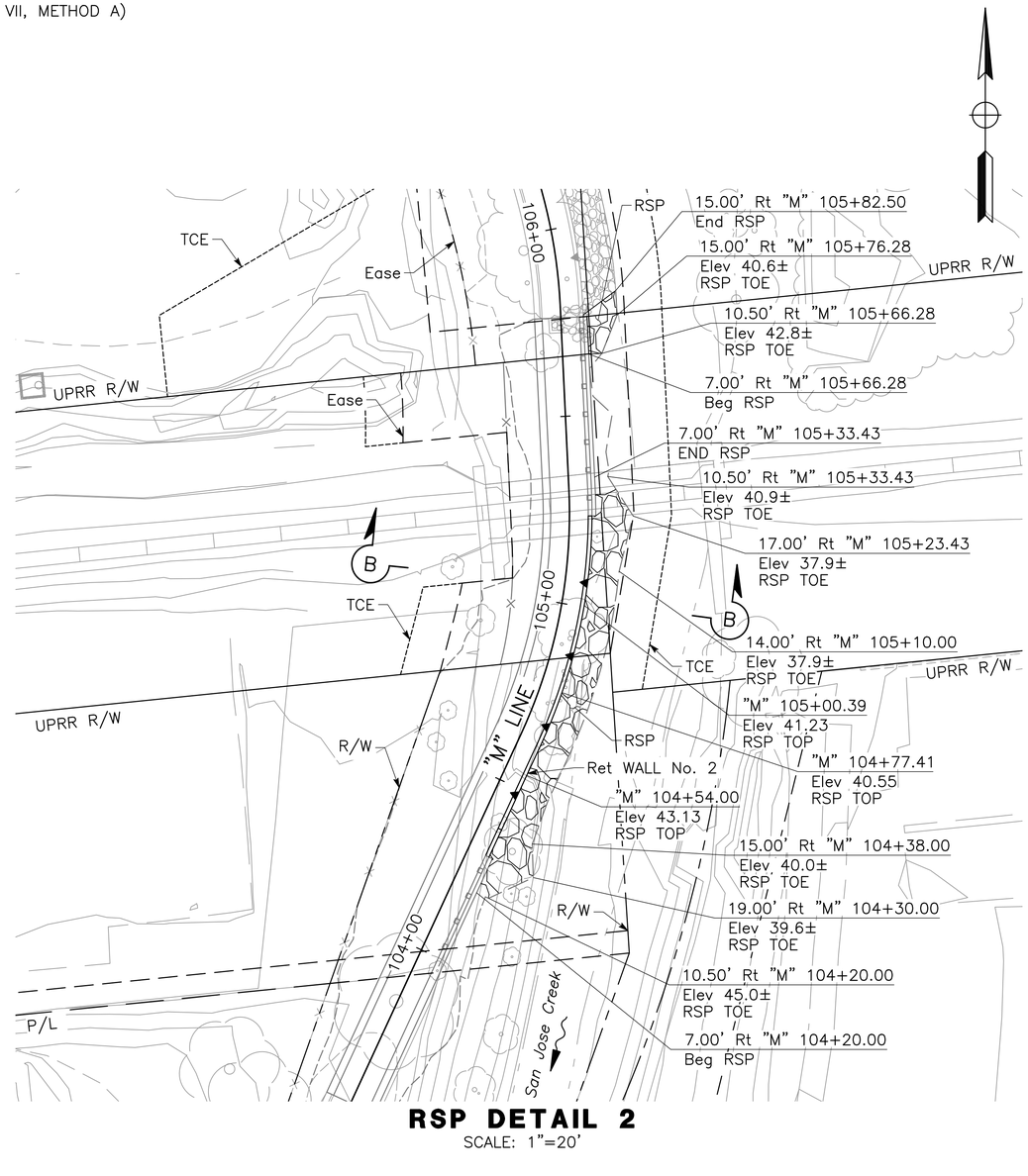
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTE:

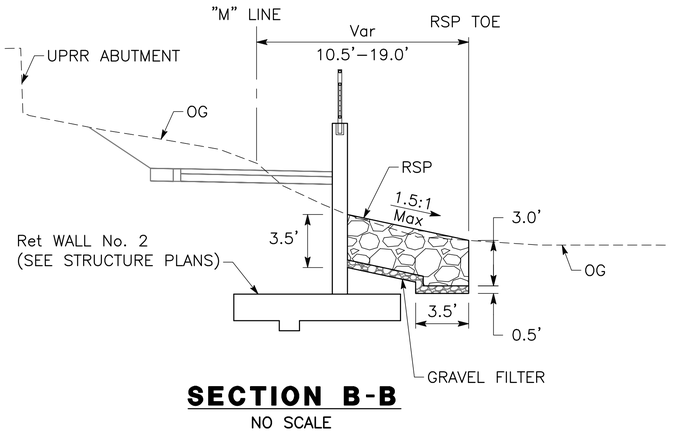
FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.

LEGEND:

RSP (1/2T, CLASS VII, METHOD A)



RSP DETAIL 2
SCALE: 1"=20'



SECTION B-B
NO SCALE

CONSTRUCTION DETAILS (ROCK SLOPE PROTECTION)

SCALE AS SHOWN **UPRR-C-4**

SHEET 247 OF 262

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY
CHECKED BY
JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

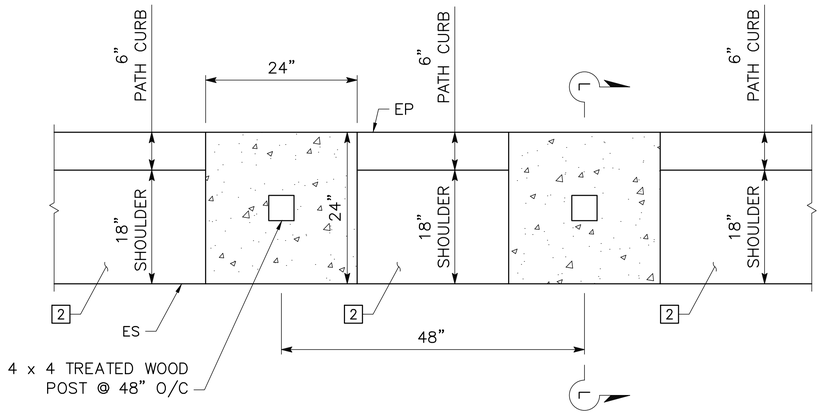
u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\UPRR-R-C4.dwg, 3/26/2025 10:58 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

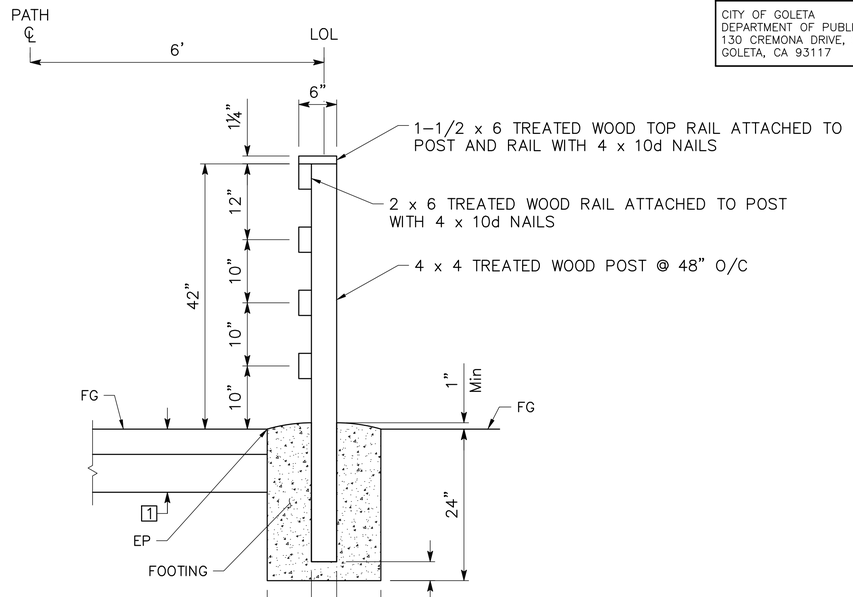
BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-C4.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

LEGEND:

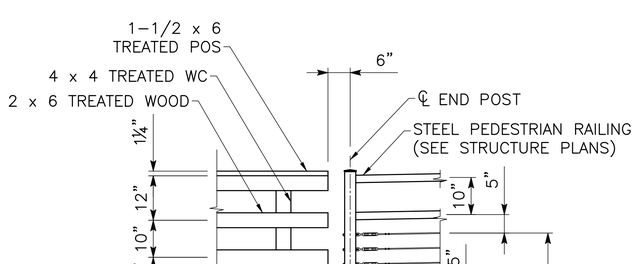
[X] PAVEMENT STRUCTURAL SECTION
SEE SHEET UPRR-X-1



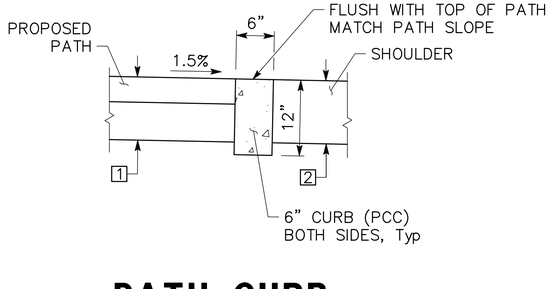
WOOD RAIL FENCE
NO SCALE



SECTION L-L
NO SCALE



WOOD RAIL FENCE TO STEEL PEDESTRIAN RAILING TRANSITION
NO SCALE



PATH CURB
NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	8	22

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\UPRR-R-C5.dwg, 3/26/2025 10:58 AM

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:58 am

CONSTRUCTION DETAILS

SHEET 248 OF 262

SCALE AS SHOWN

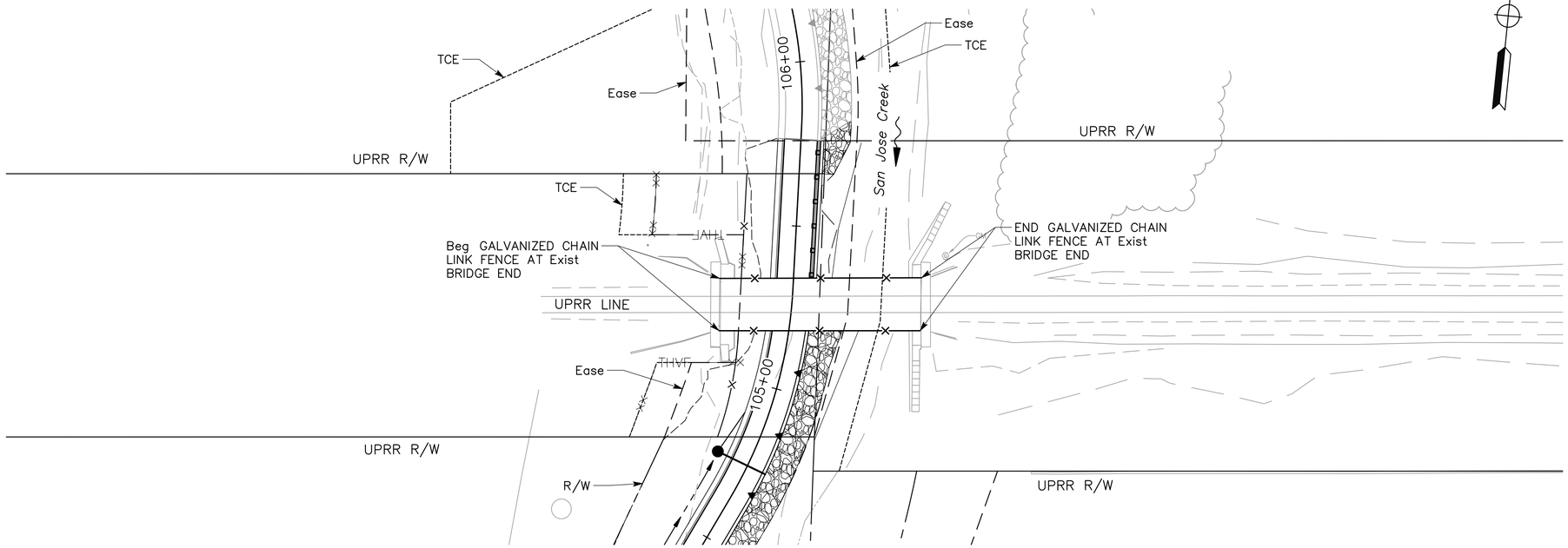
UPRR-C-5

331

BORDER LAST REVISED 7/2/2010 | USERNAME => jsanchez | DGN FILE => UPRR-R-C5.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

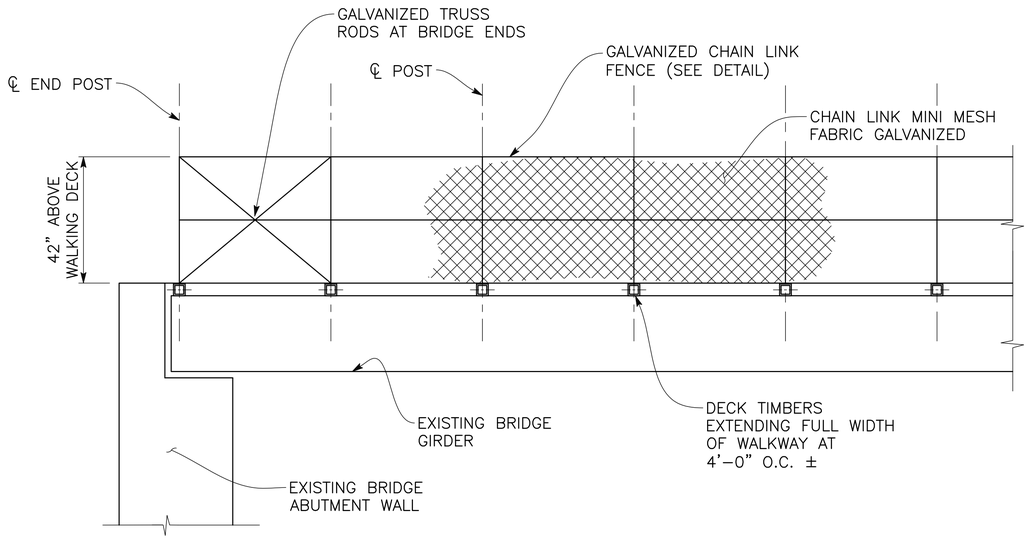
NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.



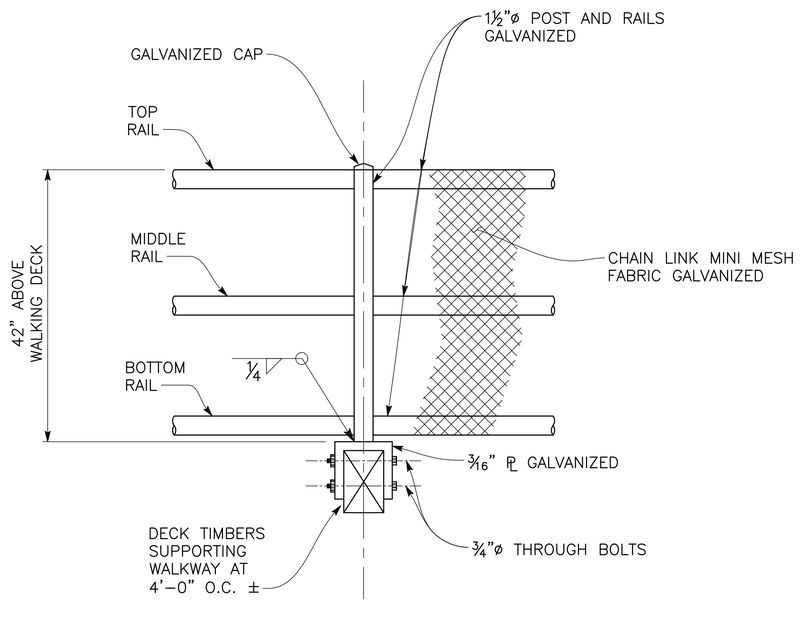
PLAN AT UPRR BRIDGE

SCALE: 1"=20



UPRR BRIDGE FENCE

SCALE: 1"=2'-0"



DETAIL

SCALE: 1"=1'-0"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	9	22

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

CONSTRUCTION DETAILS

SCALE AS SHOWN

UPRR-C-6

SHEET 249 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:59 am

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BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-C6.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	10	22

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

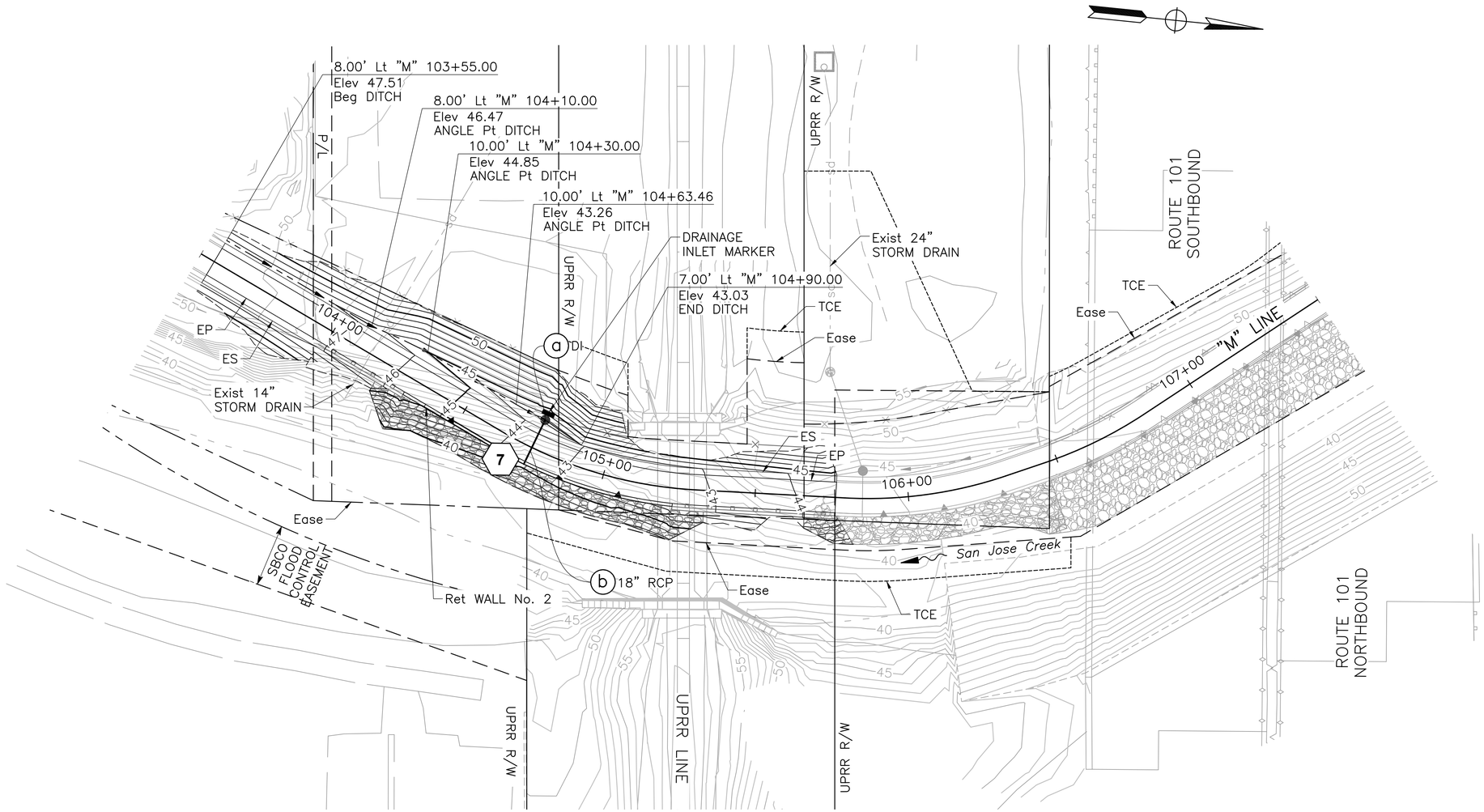
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. SEE UTILITY PLAN FOR UTILITY INFORMATION. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.

LEGEND:

- (No.) DRAINAGE SYSTEM NUMBER
- (xx) DRAINAGE ITEM
- FLOW LINE
- DRAINAGE INLET MARKER



APPROVED FOR DRAINAGE WORK ONLY

SHEET 250 OF 262

DRAINAGE PLAN

SCALE: 1"=20'

UPRR-D-1

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
JOSE SILVA	A. BOYES	J. SILVA		

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:59 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\UPRR-R-D1.dwg, 3/26/2025 10:59 AM

BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-D1.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	11	22

Anthony J. Boyes — 03-14-25
REGISTERED CIVIL ENGINEER — DATE

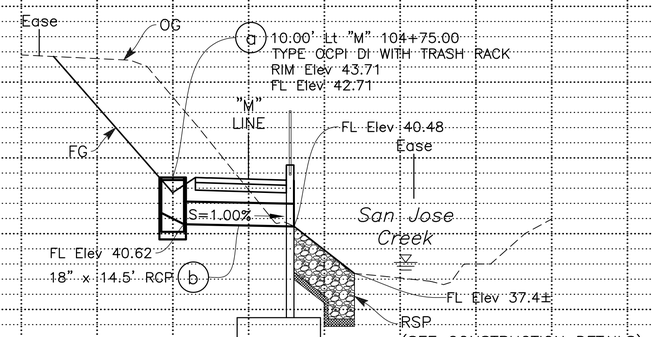
March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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

CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DRAINAGE SYSTEM NO. 7

DRAINAGE PROFILES

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

UPRR-DP-1

SHEET 251 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
SUPERVISOR: JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 03-14-25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 10:59 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\UPRR-R-DP1.dwg, 3/26/2025 10:59 AM

BORDER LAST REVISED 7/2/2010
USERNAME => jsanchez
DGN FILE => UPRR-R-DP1.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	12	22

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025



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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
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RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. EXISTING UTILITIES TO BE FIELD VERIFIED.
3. SEE DRAINAGE PLAN FOR ADDITIONAL STORM DRAIN INFORMATION.
4. UTILITY OWNERSHIP:

   ELECTRICAL: SOUTHERN CALIFORNIA EDISON (SCE)
   FIBER OPTIC: COX COMMUNICATIONS, FRONTIER COMMUNICATIONS
   TELECOM: FRONTIER COMMUNICATIONS
   GAS: SOUTHERN CALIFORNIA GAS (SCG)
   SANITARY SEWER: GOLETA SANITARY DISTRICT
   STORM DRAIN: CALTRANS (CT), CITY OF GOLETA (CITY)
   WATER: GOLETA WATER DISTRICT
   IRRIGATION: CALTRANS (CT)

UTILITY CONTACT INFORMATION

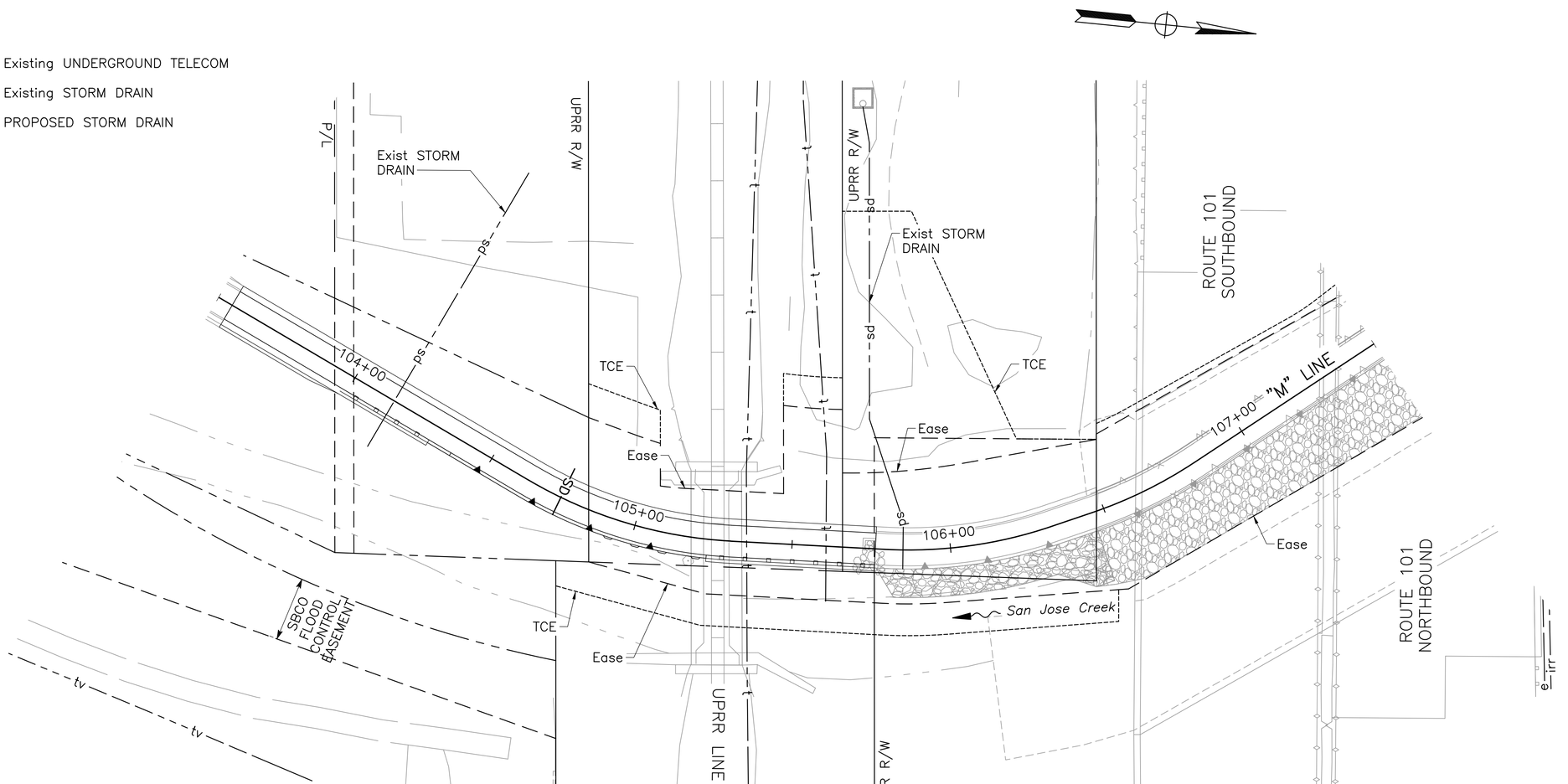
SOUTHERN CALIFORNIA EDISON	KALIN FOULDS	KALIN.FOULDS@SCE.COM	(909) 637-0312
COX COMMUNICATIONS	JOSE MURILLO	JOSE.MURILLO@COX.COM	(805) 896-7383
FRONTIER	LAD KUZELA	LADISLAV.J.KUZELA@FTR.COM	(805) 964-8303
SOUTHERN CALIFORNIA GAS	ARNULFO GOMEZ	AGOMEZ16@SOCALGAS.COM	(805) 742-6962
GOLETA SANITARY DISTRICT	SHAMUS O'DONNELL	SODONNELL@GOLETASANITARY.ORG	(805) 967-4519
GOLETA WATER DISTRICT	PAULA BUTCHER	PBUTCHER@GOLETAWATER.COM	(805) 964-6761

LEGEND:

—— – – t —— —— – – t —— —— Existing UNDERGROUND TELECOM

—— – – sd —— —— – – sd —— —— Existing STORM DRAIN

—— – – SD —— —— – – SD —— —— PROPOSED STORM DRAIN



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 252 OF 262

UTILITY PLAN

SCALE: 1"=20'

UPRR-U-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY OFFICE.
2. FOR ALL PAVEMENT STRIPING AND PAVEMENT MARKING DETAILS, REFER TO CALTRANS STANDARD PLANS DATED 2023.
3. FOR ALL SIGN DETAILS REFER TO 2014 CALIFORNIA MUTCD.
4. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE NOTED WITH THE CALIFORNIA SIGN DESIGNATION (CA).
5. SEE PLAN AND PROFILE SHEET FOR CONTROL LINE INFORMATION NOT SHOWN.
6. SIGN LOCATIONS ARE APPROXIMATE. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
7. SEE DRAINAGE PLAN FOR DRAINAGE INLET MARKER LOCATION.

LEGEND:

- BEGIN/END OF TRAFFIC STRIPE DETAIL
- ROADSIDE SIGN – ONE POST
- XX-XX ROADSIDE SIGN NUMBER
- NEW ROADSIDE SIGN
- REMOVE ROADSIDE SIGN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	13	22

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

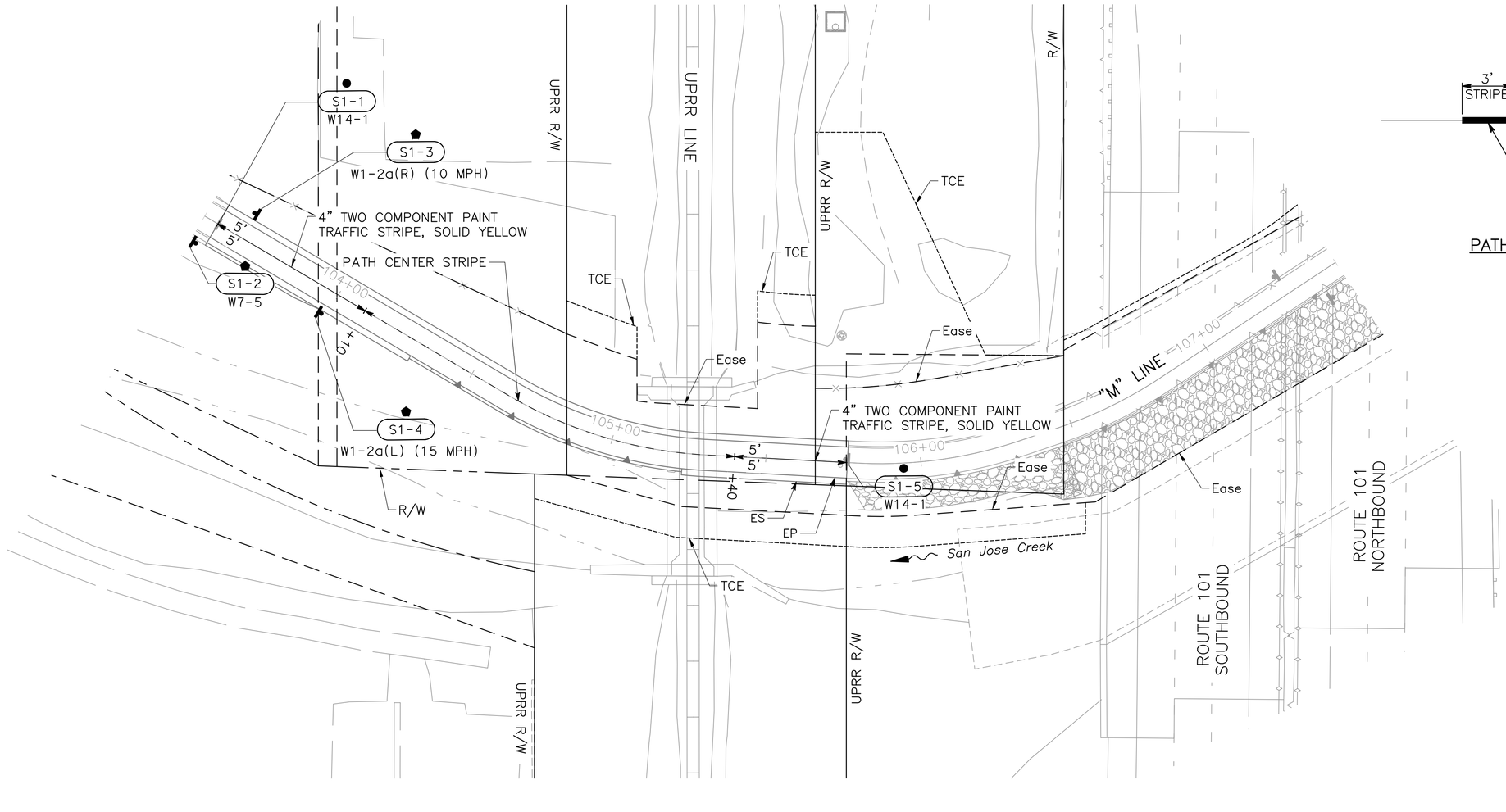
March 14, 2025

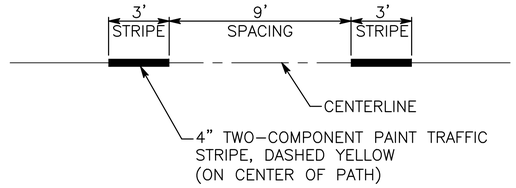
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670





PATH CENTER STRIPE DETAIL
NO SCALE

PAVEMENT DELINEATION AND SIGN PLAN

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SHEET 253 OF 262

SCALE: 1"=20'

UPRR-PD-1

CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
A. BOYES	J. SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

ANTHONY J. BOYES
No. 82027
Exp. 3-31-26
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	36" PRECAST CONCRETE PIPE INLET (TYPE OCPI DI)	18" RCP	DRAINAGE INLET MARKER
			LF	LF	EA
D-1	7	a	3.6		1
		b		14.5	
TOTAL			3.6	14.5	1

MINOR CONCRETE QUANTITIES

STATION	SHEET No.	CURB	DESCRIPTION/COMMENTS
		LF	
"M" 103+55.00 TO 105+76.28	UPRR-PP-1	218.7	PATH CURB (LEFT)
"M" 103+55.00 TO 103+98.00	UPRR-PP-1	43.0	PATH CURB (RIGHT)
"M" 103+98.00 TO 104+30.00	UPRR-PP-1	16.0	UNDER WOOD RAIL FENCE
"M" 105+23.43 TO 105+76.28	UPRR-PP-1	26.5	UNDER WOOD RAIL FENCE
TOTAL		304.2	

ROCK SLOPE PROTECTION QUANTITIES

STATION	ROCK SLOPE PROTECTION (1/2T, CLASS VII, METHOD A)	ROCK SLOPE PROTECTION (GRAVEL FILTER)
	CY	CY
"M" 104+20.00 TO 105+33.43	118.0	19.9
"M" 105+66.28 TO 105+82.50	10.7	1.8
TOTAL	128.7	21.7

EARTHWORK QUANTITIES

SHEET No.	LINE	STATION RANGE		ROADWAY EXCAVATION
		BEGIN	END	CY
UPRR-PP-1	"M"	103+55.00	105+76.28	753
TOTAL				753

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

	TEMPORARY FIBER ROLL (TYPE II)	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	TEMPORARY GRAVEL BAG BERM
	LF	SQYD	LF
TOTAL	510	510	210

FENCE QUANTITIES

STATION	SHEET No.	CHAIN LINK FENCE (TYPE CL-6)	TEMPORARY HIGH-VISIBILITY FENCE	WOOD RAIL FENCE	UPRR BRIDGE FENCE	REMOVE DEAD END BARRICADE
		LF	LF	LF	LF	LF
"M" 103+98.00 TO "M" 104+30.00	UPRR-PP-1			32		
"M" 104+71.19 TO "M" 105+64.68	UPRR-C-3		164			
"M" 104+79.29 TO "M" 105+15.64	UPRR-PP-1	33				
"M" 104+89.12 TO "M" 105+20.72	UPRR-C-3		36			
"M" 105+23.43 TO "M" 105+76.28	UPRR-PP-1			53		
"M" 105+33.22 TO "M" 105+65.08	UPRR-PP-1	32				
"M" 105+34.80 TO "M" 105+76.28	UPRR-C-3		42			
"M" 105+18.09 TO "M" 105+34.13	UPRR-C-6				122	
"M" 103+55.00	UPRR-PP-1					14
"M" 105+76.28	UPRR-PP-1					12
TOTAL		65	242	85	122	26

SUMMARY OF QUANTITIES

UPRR-Q-1

SHEET 254 OF 262

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: A. BOYES
CHECKED BY: J. SILVA
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 - SJ Creek Bike Path Middle Extent 2018-115 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\UPRR-R-Q.dwg, 3/26/2025 11:00 AM

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DGN FILE => UPRR-R-Q.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229
337

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	15	22

Anthony J. Boyes 03-14-25
REGISTERED CIVIL ENGINEER DATE

March 14, 2025

ANTHONY J. BOYES No. 82027 Exp. 3-31-26 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
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DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN NUMBERS	CODE	SIGN PANEL SIZE	POST SIZE AND LENGTH	ROADSIDE SIGN (ONE POST)	REMOVE ROADSIDE SIGN (POST)	DESCRIPTION/COMMENTS
			INCHES	4"x4"	EA	EA	
UPRR-PD-1	S1-1	W14-1	24" X 24"	–	–	1	DEAD END (REMOVE)
	S1-2	W7-5	18" X 18"	1	1	–	HILL (BICYCLE)
	S1-3	W1-2a(R)	18" X 18"	1	1	–	RIGHT CURVE(10 MPH)
	S1-4	W1-2a(L)	18" X 18"	1	1	–	LEFT CURVE (15 MPH)
	S1-5	W14-1	24" X 24"	–	–	1	DEAD END (REMOVE)
				TOTAL	3	2	–

ROADSIDE SIGN PANEL QUANTITIES

SHEET No.	SIGN NUMBERS	CODE	DESCRIPTION/COMMENTS	SIGN PANEL SIZE	PANEL AREA	BACKGROUND SHEETING COLOR	LEGEND SHEETING COLOR	FURNISH SINGLE SHEET ALUMINUM SIGN UNFRAMED		ANTI-GRAFFITI COATING
								0.0630"	0.0800"	
				INCHES	SQFT			SQFT	SQFT	SQFT
UPRR-PD-1	S1-1	W14-1	DEAD END (REMOVE)	24" X 24"	–	–	–	–	–	–
	S1-2	W7-5	HILL (BICYCLE)	18" X 18"	2.25	YELLOW	BLACK	2.25	–	2.25
	S1-3	W1-2a(R)	RIGHT CURVE (10 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	–	2.25
	S1-4	W1-2a(L)	LEFT CURVE (15 MPH)	18" X 18"	2.25	YELLOW	BLACK	2.25	–	2.25
	S1-5	W14-1	DEAD END (REMOVE)	24" X 24"	–	–	–	–	–	–
							TOTAL	6.75	–	6.75

PAVEMENT STRUCTURE QUANTITIES

STATION	SHEET No.	CLASS 2 AGGREGATE BASE	3/4" CRUSHED ROCK	PERVIOUS CONCRETE PAVEMENT	DESCRIPTION/COMMENTS
		CY	CY	CY	
"M" 103+55.00 TO 104+30.00	UPRR-PP-1	3.5	13.9	11.7	–
"M" 103+98.00 TO 104+30.00	UPRR-PP-1	0.7			UNDER WOOD RAIL FENCE
"M" 104+30.00 TO 104+90.00	UPRR-PP-1	2.7	11.1	9.3	–
"M" 104+90.00 TO 105+76.28	UPRR-PP-1	3.9	16.0	13.4	–
"M" 105+23.43 TO 105+76.28	UPRR-PP-1	1.2			UNDER WOOD RAIL FENCE
TOTAL		12.0	41.0	34.4	–

PAVEMENT DELINEATION QUANTITIES

SHEET No.	4" TWO-COMPONENT PAINT TRAFFIC STRIPE, YELLOW	DESCRIPTION/COMMENTS
	LF	
UPRR-PD-1	222	–
TOTAL	222	–

RETAINING WALL QUANTITIES

STATION	SHEET No.	REMOVE STEEL SHEET PILING	STRUCTURE EXCAVATION (RETAINING WALL)	STRUCTURE BACKFILL (RETAINING WALL)	GEOSYNTHETIC REINFORCEMENT	CLASS 2 AGGREGATE BASE	STRUCTURAL CONCRETE, RETAINING WALL	BAR REINFORCING STEEL (RETAINING WALL)	STEEL PEDESTRIAN RAILING	DESCRIPTION/ COMMENTS
		SQFT	CY	CY	SQYD	CY	CY	LB	LF	
"M" 104+30.00 TO 105+23.43	UPRR-PP-1	–	349	202	183	98	78	8290	96	"RW2" TYPE 1A (CASE 2)
"M" 105+76.28	UPRR-PP-1	525	–	–	–	–	–	–	–	NORTH OF UPRR STRUCTURE
TOTAL		525	349	202	183	98	78	8290	96	

SUMMARY OF QUANTITIES

SHEET 255 OF 262

UPRR-Q-2

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY | CHECKED BY

JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

\\ran-fs\RanchoCordova\Projects\18059 – SJ Creek Bike Path Middle Extent 2018-115 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\UPRR-R-Q.dwg, 3/26/2025 11:00 AM

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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 03-14-25 DATE

March 14, 2025

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-26 — STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
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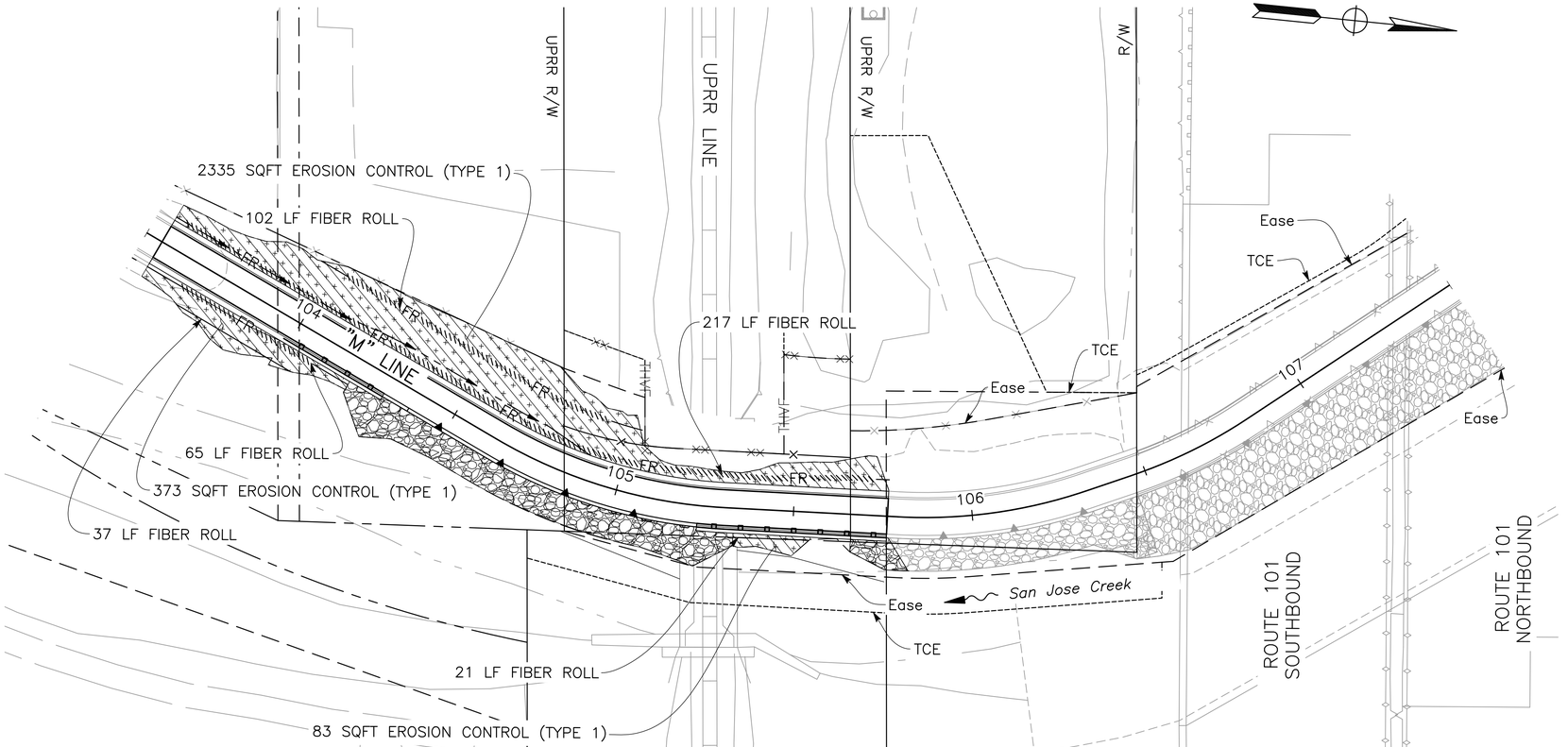
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY OFFICE.
2. PLACE AND MAINTAIN EROSION CONTROL BMP'S IN CONFORMANCE WITH CALIFORNIA STATE WATER RESOURCES CONTROL BOARD (CSWRCB) CONSTRUCTION ACTIVITIES STORMWATER GENERAL PERMIT ORDER NO. 2022-0057-DWQ (SEPTEMBER 1, 2023).
3. EROSION CONTROL PLANS ARE CONCEPTUAL IN NATURE AND ARE PROVIDED FOR BIDDING PURPOSES ONLY. THEY DO NOT REFLECT THE ONLY EROSION CONTROL BMP'S NECESSARY FOR THE WORK. THE CONTRACTOR SHALL PREPARE HIS OWN EROSION CONTROL PLANS AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN TO BE SUBMITTED FOR APPROVAL AND SHALL INCLUDE ALL NECESSARY BMP'S IN THE COST BREAKDOWN TO BE SUBMITTED WITH THE STORMWATER POLLUTION PREVENTION PLAN.

EROSION CONTROL (TYPE 1)

SEQUENCE	ITEM	MATERIAL DESCRIPTION	MATERIAL TYPE	APPLICATION RATE	DEPTH
STEP 1	DRY SEED	SEED	SEED MIX 1	72 LB/ACRE	1/4"
STEP 2	ROLLED EROSION CONTROL PRODUCT (NETTING)	NETTING	TYPE A		



LEGEND:

- CUT
- FILL
- FIBER ROLL
- ROLLED EROSION CONTROL PRODUCT (NETTING)
- SEED MIX
- ROCK SLOPE PROTECTION

SEED MIX 1

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM)	APPLICATION RATE (LBS/ACRE)
BROMUS CARINATUS (CALIFORNIA BROME)	92	25.0
ELYMUS TRITICOIDES (ALKALI RYEGRASS)	85	15.0
CAREX BARBARAE (SANTA BARBARA SEDGE)	64	5.0
ESCHSCHOLZIA CALIFORNICA (CALIFORNIA POPPY)	86	1.0
HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNIA BARLEY)	68	10.0
FESTUCA MICROSTACHYS (SMALL FESCUE)	83	4.0
ACHILLEA MILLEFOLIUM (YARROW)	77	1.0
AMSINCKIA MENZIESII (COMMON FIDDLENECK)	72	10.0
LASTHENIA CALIFORNICA (CALIFORNIA GOLDFIELDS)	53	1.0
	TOTAL	72.0

EROSION CONTROL QUANTITIES

SHEET NO.	LINE	BEG STA.	END STA.	FIBER ROLL	EROSION CONTROL (TYPE 1)	
					DRY SEED	ROLLED EROSION CONTROL PRODUCT (NETTING)
				LF	SQFT	SQFT
UPRR-EC-1	"M"	103+50.00	107+50.00	442	2791	2791
TOTAL				442	2791	2791

APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 256 OF 262

EROSION CONTROL PLAN

SCALE: 1"=20'

UPRR-EC-1

LAST REVISION 03-14-25
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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

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Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

03/14/25

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp. 06/30/25
STATE OF CALIFORNIA

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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALTRANS STANDARD PLANS DATED 2023

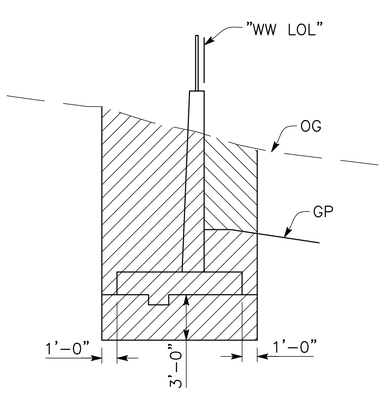
STANDARD PLAN SHEET No.

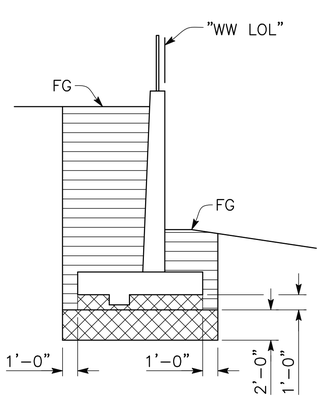
DETAIL No.

SHALLOW FOUNDATION DATA TABLE

Structure ID	Segment (ft)		Wall Type	Max. Design Height (ft)	Service Limit State Permissible Net Contract Stress (ksf)	Stress Gross Nominal Bearing Resistance for Controlling Load Case, $\emptyset_b$ = 0.55 (ksf)	Extreme Event Gross Nominal Bearing Resistance $\emptyset_b$ = 0.80 (ksf)
	Begin Station	End Station					
RW–02	"RW2" 1+00.00	"RW2" 1+96.00	Caltrans Type 1A (Case 2)	10	1.8	3.1	6.1 *

* Due to potential liquefiable layers, to achieve the listed bearing capacity under Extreme Event Limit Case, PARIKH recommends three (3) feet over–excavation and replacement with 2 layers of geogrid & compacted AB below the foundation level. Geogrid layers can be placed at the bottom and the middle.





LIMITS OF PAYMENT FOR OVER EXCAVATION AND GEOGRID BACKFILL

NO SCALE

EXCAVATION AND BACKFILL NOTES:

1. For Details not shown see A62B / –
2. Slope or shore excavation sides as necessary.

LEGEND

- Structure Excavation (Retaining Wall)
- Structure Backfill (Retaining Wall) 95% Relative Compaction
- Class 2 AB 95% Compaction
- Roadway Excavation

NOTES:

1. Place two layers of geogrid in the Class 2 AB limits shown. Place one layer at the bottom of excavation and one layer at mid–depth at Retaining Wall Locations Shown.

RETAINING WALL-GENERAL NOTES

SCALE AS SHOWN

UPRR-RW-1

SHEET 257 OF 262

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	ANTHONY BOYES

CALCULATED–DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:01 am

USERNAME => jsanchez
DGN FILE => SJCN–S–RW–GN–UPRR.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0518000229

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	18	22

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

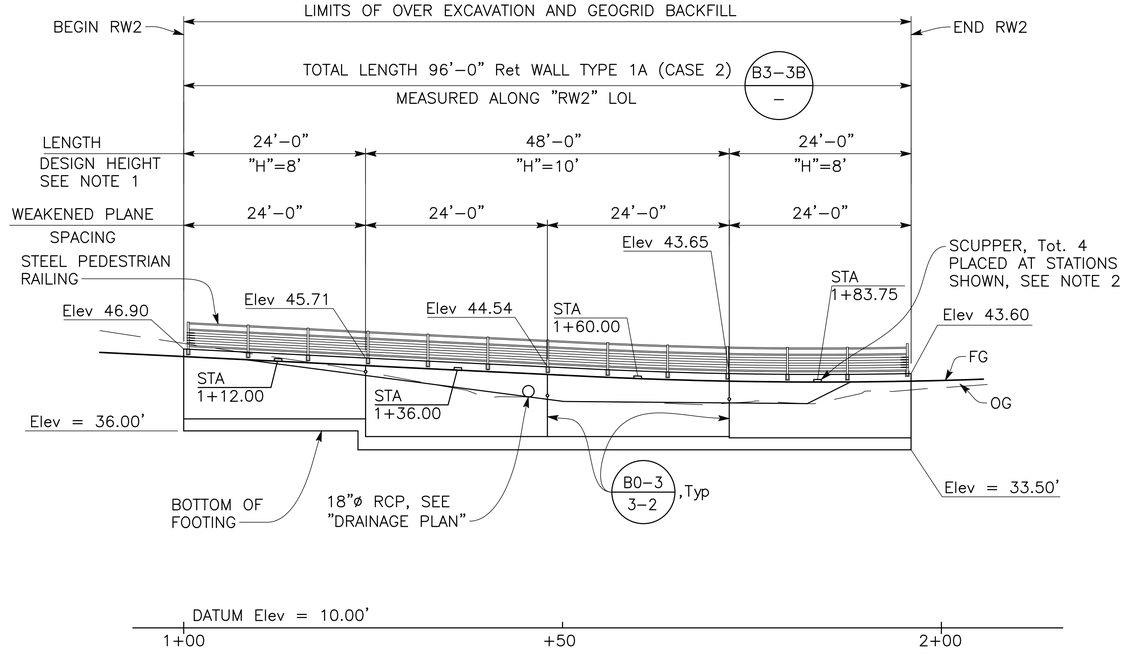
03/14/25

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp 06/30/26
STATE OF CALIFORNIA

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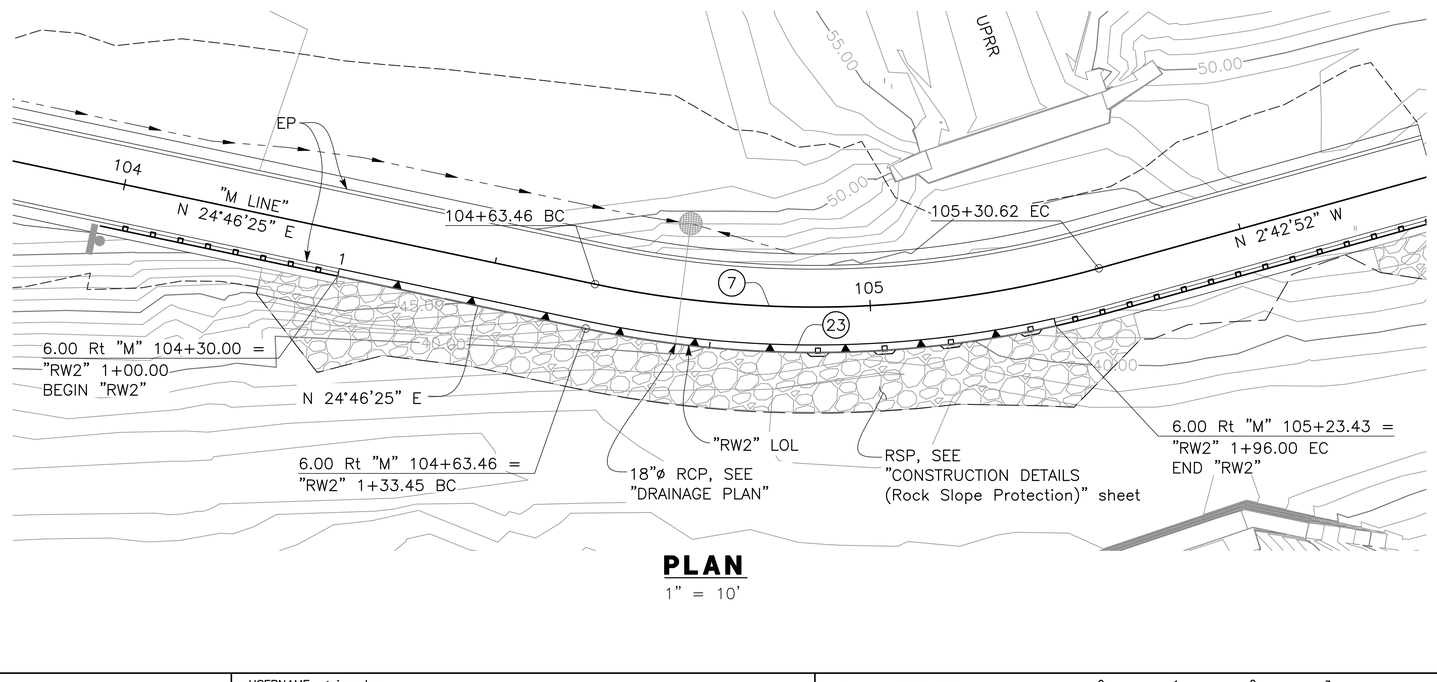
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



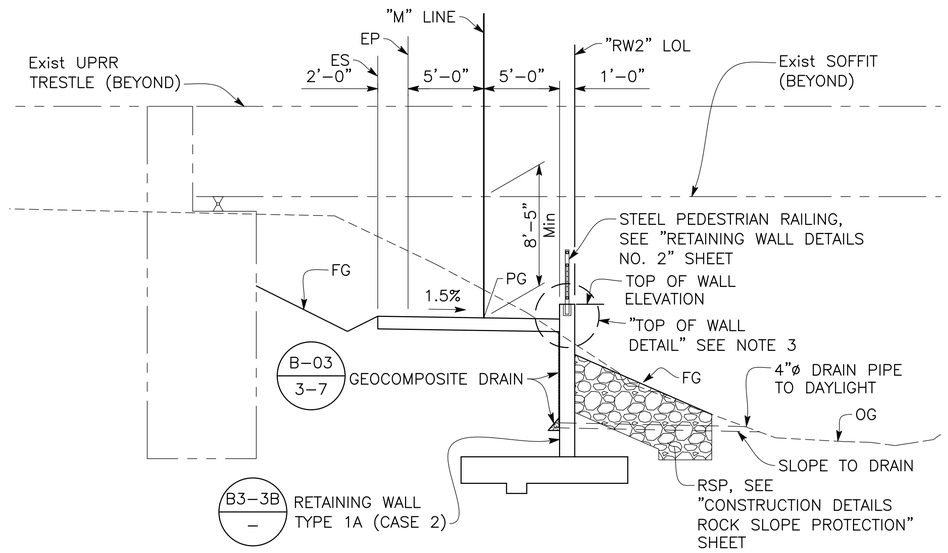
DEVELOPED ELEVATION

1" = 10'



PLAN

1" = 10'



TYPICAL SECTION

1" = 5'

CURVE DATA				
No.	R	Δ	T	L
(7)	140.00'	27°29'17"	34.24'	67.17'
(23)	146.00'	24°32'47"	31.76'	62.55'

LEGEND:

Denotes direction of surface flow in "V" ditch

Denotes Rock Slope Protection (RSP)

NOTES:

1. Design "H" and Case "#" used to determine footing size and bar reinforcement in wall and footing may not reflect actual conditions.
2. For scupper detail, see "RETAINING WALL DETAILS NO. 1" sheet.
3. For "TOP OF WALL DETAIL" see "RETAINING WALL DETAILS No. 1" sheet.

RETAINING WALL PLAN

SCALE AS SHOWN

UPRR-RW-2

SHEET 258 OF 262

				REVISED BY	DATE REVISED
				ANTHONY T. DUBOVIK	ANTHONY BOYES
				CALCULATED–DESIGNED BY	CHECKED BY
				CONSULTANT FUNCTIONAL SUPERVISOR	
				JOSE SILVA	
				CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

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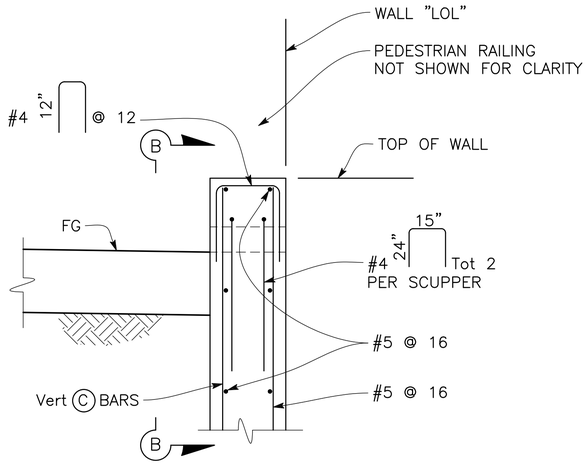
LAST REVISION 03–14–25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:01 am

USERNAME => jsanchez
DGN FILE => SJCN–S–RW2–GP–UPRR.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

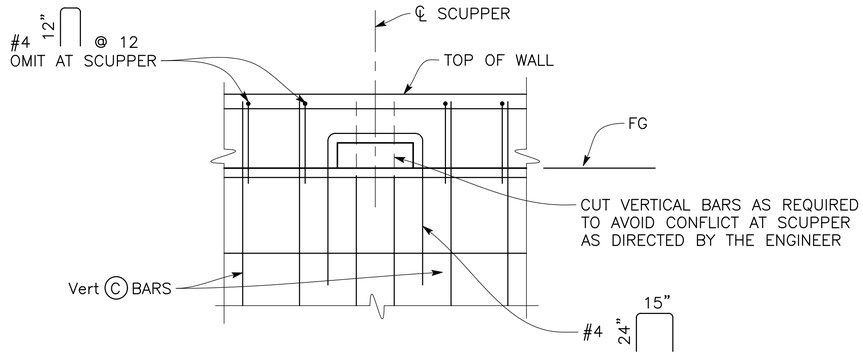
UNIT 0000

PROJECT NUMBER & PHASE 0518000229



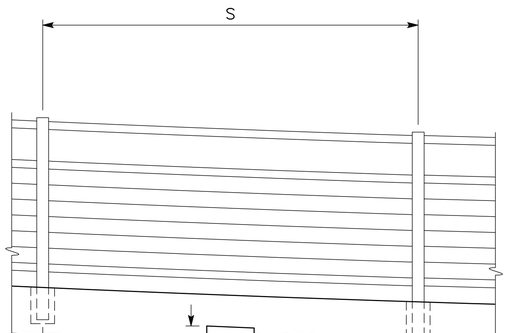
TOP OF WALL DETAIL

1" = 1'-0"



VIEW B-B

1" = 1'-0"



SCUPPER DETAIL

1" = 10'-0"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	19	22

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

03/14/25

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp. 06/30/26
STATE OF CALIFORNIA

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GOLETA, CA 93117

DEWBERRY
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Rancho Cordova, CA 95670

RETAINING WALL DETAILS NO. 1

SHEET 259 OF 262

SCALE AS SHOWN

UPRR-RW-3

CALCULATED-DESIGNED BY	ANTHONY T. DUBOVIK	REVISED BY	DATE REVISED
CHECKED BY	ANTHONY BOYES		
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA		
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS			

LAST REVISION 03-14-25
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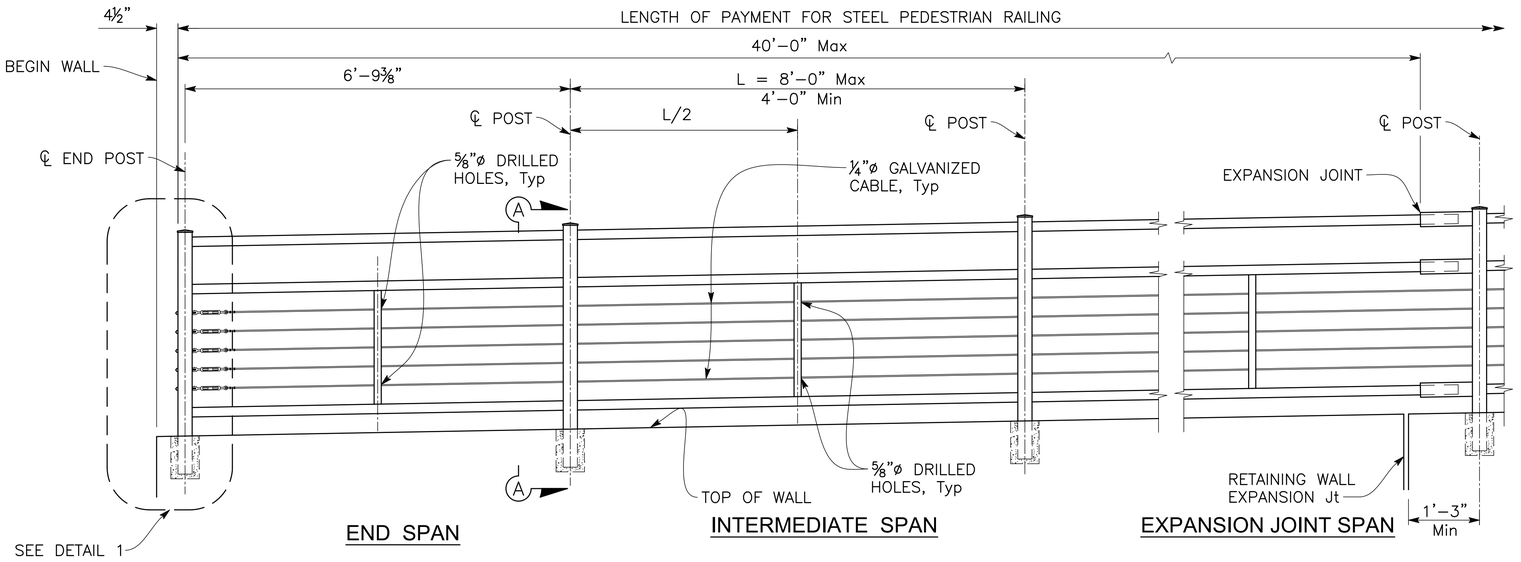
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USERNAME => jsanchez
DGN FILE => SJCN-S-RW2-GP-UPRR.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

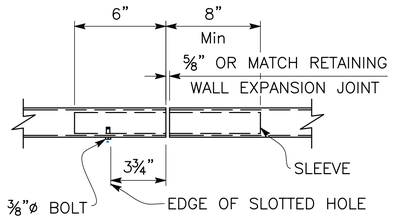
UNIT 0000

PROJECT NUMBER & PHASE 0518000229

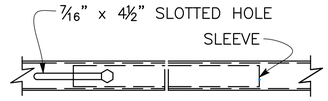


STEEL PEDESTRIAN RAILING PART ELEVATION

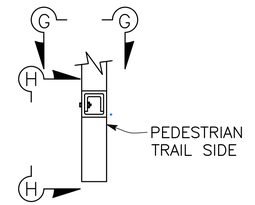
SCALE: ¾"=1'–0"



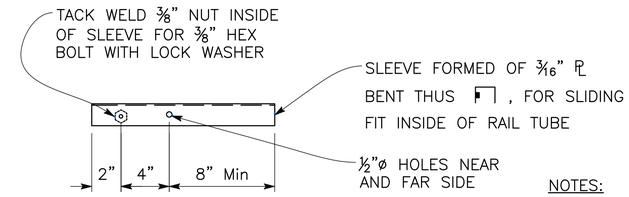
VIEW G-G



VIEW H-H



SECTION

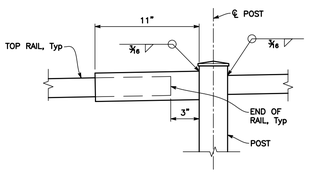


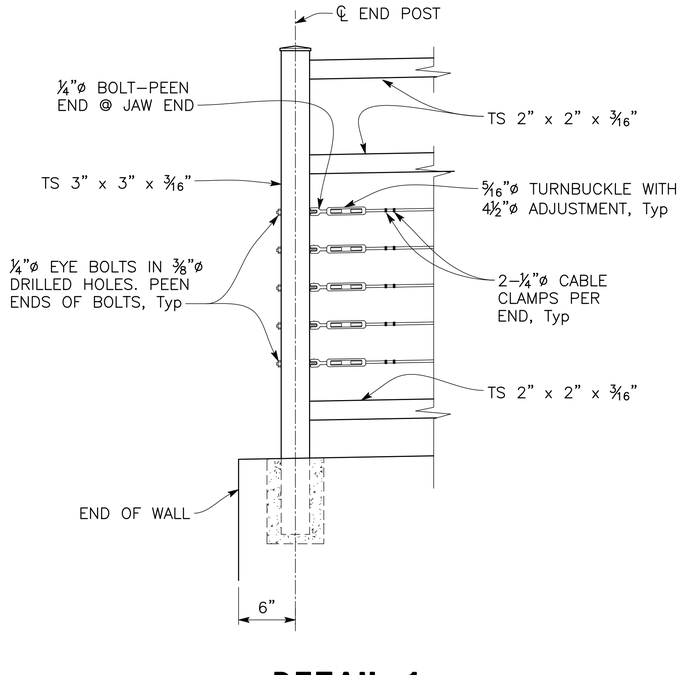
SLEEVE

NOTES:
⅜" NUT TACK WELDED TO SLEEVE MAY BE REPLACED BY DRILLED AND TAPPED HOLE IN SLEEVE.

TUBE SPLICE DETAILS

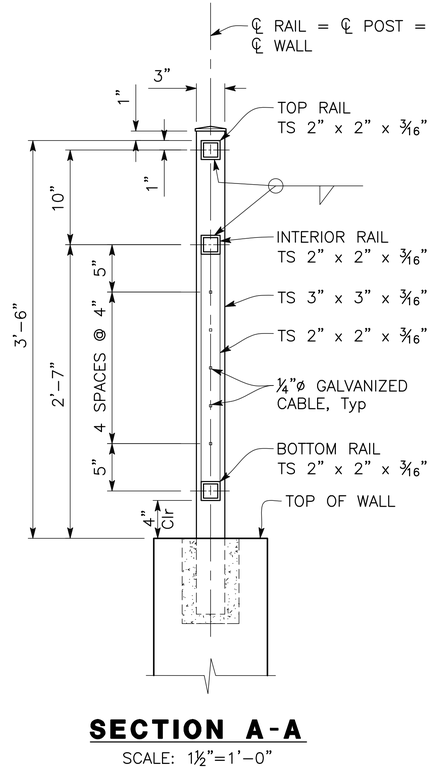
NO SCALE





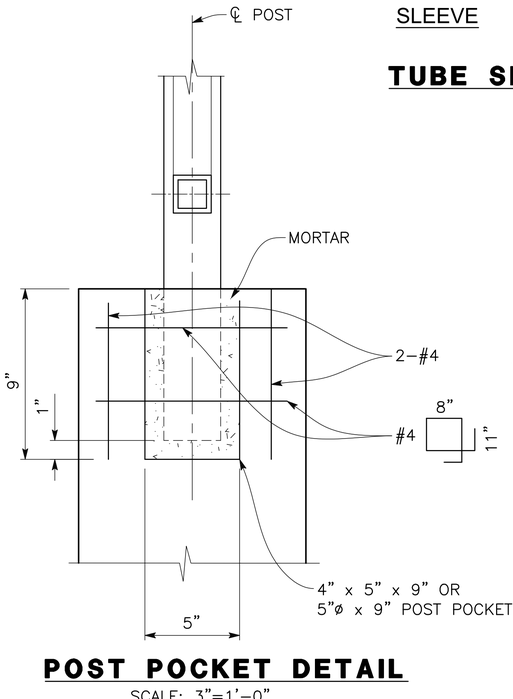
DETAIL 1

SCALE: 1½"=1'–0"



SECTION A-A

SCALE: 1½"=1'–0"



POST POCKET DETAIL

SCALE: 3"=1'–0"

RAILING EXPANSION JOINT

SCALE: 1½"=1'–0"

NOTES:

1. RAILING SHALL CONFORM TO BRIDGE AND WALL HORIZONTAL AND VERTICAL ALIGNMENT.
2. POST SHALL BE VERTICAL, RAIL SHALL BE PARALLEL TO TOP OF RETAINING WALL.
3. RAILING EXPANSION JOINTS SHALL BE PLACED NEAR RETAINING WALL EXPANSION JOINTS.
4. RAILING EXPANSION JOINT SHALL BE AT 40' Max OR AS REQUIRED TO FACILITATE FABRICATION.
5. STEEL PEDESTRIAN RAILING MUST CONFORM WITH STANDARD SPECIFICATION 83–2.07 CABLE RAILINGS AND 83–2.08 TUBULAR RAILINGS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	20	22

Anthony T. Dubovik 03/14/25
REGISTERED CIVIL ENGINEER DATE

03/14/25

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp 06/30/26
STATE OF CALIFORNIA

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	ANTHONY BOYES		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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LAST REVISION 03–14–25
DATE PLOTTED => Mar 26, 2025
TIME PLOTTED => 11:01 am

RETAINING WALL DETAILS NO. 2

SCALE AS SHOWN

SHEET 260 OF 262

UPRR-RW-4

USERNAME => jsanchez
DGN FILE => SJCN–S–RW2–PR–UPRR.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0518000229

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	21	22

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

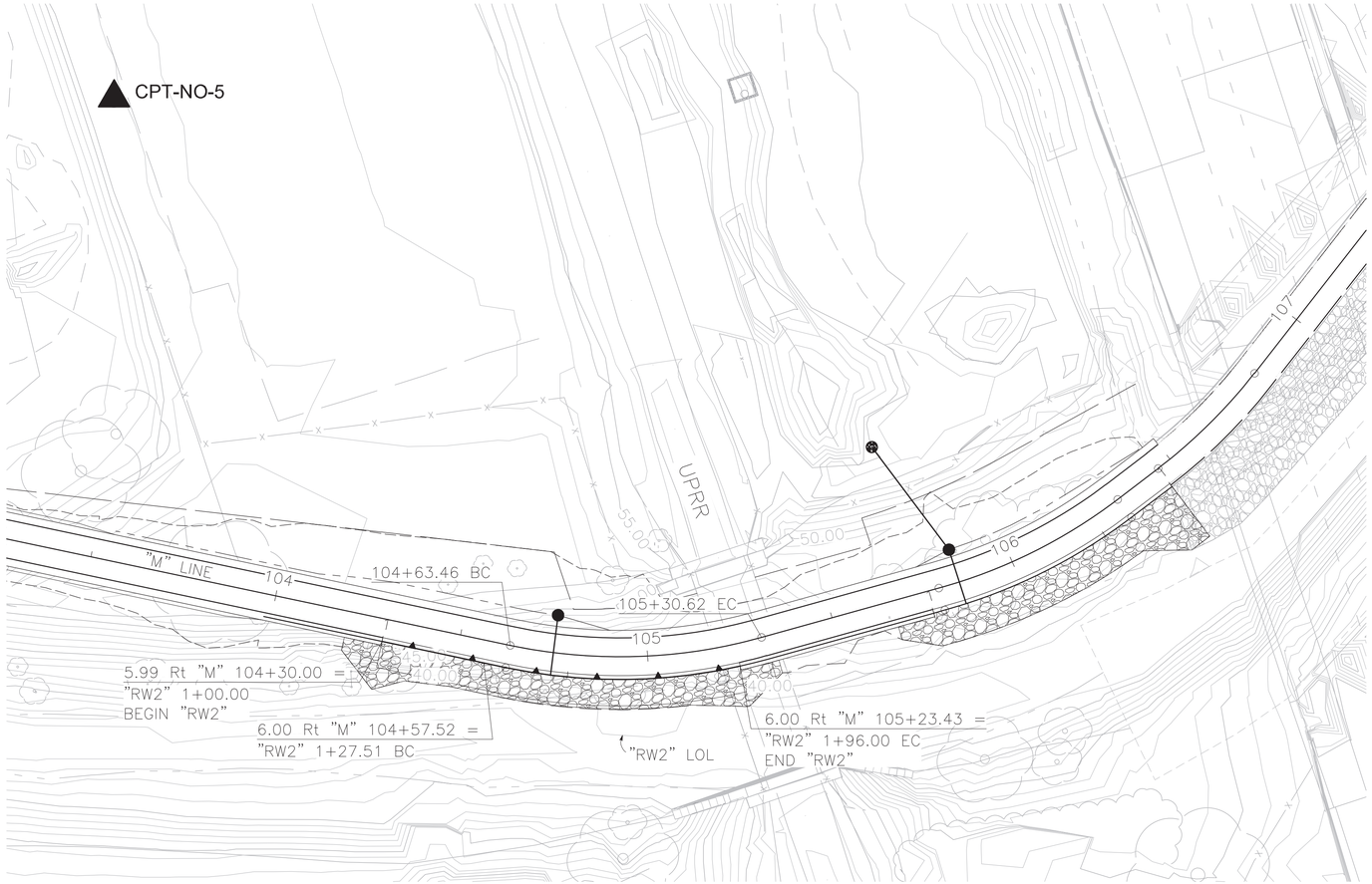
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
GARY PARIKH
No. G.E. 666
EXP. 12/31/23
GEOTECHNICAL
STATE OF CALIFORNIA

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DEWBERRY
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PLAN
1" = 20'

SHEET 261 OF 262

UPRR-RW-5 RETAINING WALL No. 2

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO.	SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	DATE: JULY 2023			POST MILES	LOG OF TEST BORINGS **NO. 1**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				21	22

FILE => $REQUEST

S:\ACAD\2019-106\LOTB\RW2-z-lotb01.dwg, 11/17/2023 4:33 PM

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME

NOTES:

Standard Penetration Test Sampler: I.D. = 1.4"; O.D. = 2"
Modified California Sampler: I.D. = 2.5"; O.D. = 3" Hammer Assembly: A 140 lb hammer with a 30" drop (Automatic Hammer)

This LOTB sheet was prepared in accordance with the Caltrans Soil & Rock, Logging, Classification, and Presentation Manual (2010)

See Caltrans 2022 Standard Plans A10F, A10G for Soil Legend.

All dimensions are in feet unless otherwise shown

BOREHOLE LOCATION TABLE

Hole ID	Alignment Name	Station and Offset
CPT-NO-5	"M" Line	103+31 120' Lt.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	22	22

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

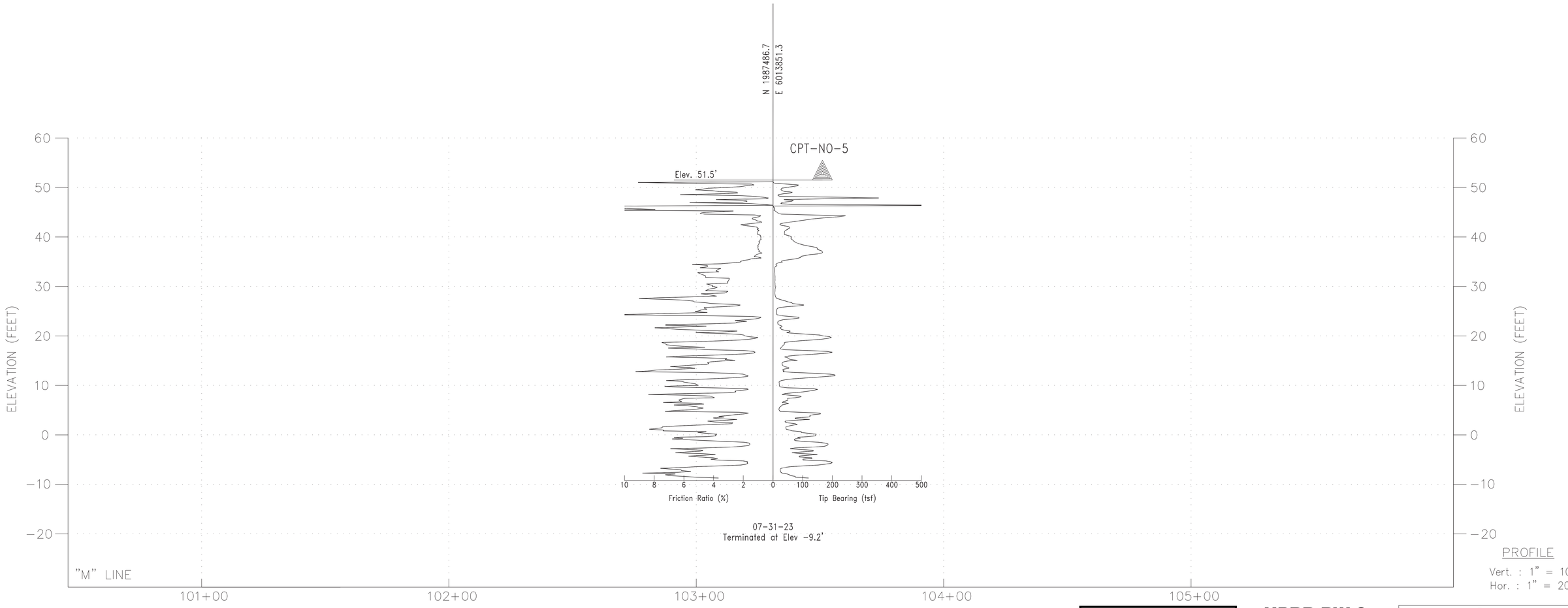
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

PARIKH CONSULTANTS, INC.
1497 N MILPITAS BLVD.
MILPITAS, CA 95035



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 20'

SHEET 262 OF 262

UPRR-RW-6

RETAINING WALL No.2

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN	PREPARED FOR THE **CITY OF GOLETA** DEPARTMENT OF PUBLIC WORKS	EMRE ORTAKCI	BRIDGE NO.	SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	FIELD INVESTIGATION BY: DATE: JULY 2023		PROJECT ENGINEER	POST MILES	LOG OF TEST BORINGS **NO. 2**

GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES | SHEET 22 | OF 22

FILE => $REQUEST

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