Agenda Item A.2
CONSENT CALENDAR
Meeting Date: February 18, 2025

TO: Mayor and Councilmembers

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

PREPARED BY: Michael Winnewisser, Project Manager

SUBJECT: Advertise for Bids for the San Jose Creek Multipurpose Path Northern and Southern Segments Project

RECOMMENDATION:

Authorize staff to advertise for bids for the San Jose Creek Multipurpose Path Northern and Southern Segments Project.

BACKGROUND:

The San Jose Creek Multipurpose Path - Northern and Southern Segments Project (Project) (Capital Improvement Program Project No. 9006), an Active Transportation Program (ATP) project, will construct a multipurpose path adjacent to 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 grant funding 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 completed the Conceptual Design, Environmental Review, and Final Design for the Project.

The Goleta Municipal Code (GMC), Section 3.05.170(C), requires Council authorization prior to publication of a notice inviting bids for construction projects in excess of $220,000. Public Works staff worked with Dewberry to complete the design and will advertise a request for bids for the Project upon the Council's approval and authorization. A Notice Inviting Sealed Bids will be published in the public newspaper, posted on the City's website, and advertised on PlanetBids. The project is scheduled to be out for bid by Spring 2025.

The California Transportation Committee (CTC) allocated the construction phase ATP funding for the Project at their meeting on March 22, 2024.

DISCUSSION:

The plans (Attachment 1) and specifications (Attachment 2) for the Project were prepared by Dewberry. The Project will complete an approximately 3-mile-long bicycle and pedestrian pathway connecting the areas north of US 101 in Santa Barbara County to the existing San Jose Creek-North Bike Path and the Class I Atascadero Creek Trail (Obern Trail) Multi-Purpose Bike Path, a segment of the California Coastal Trail. The purpose of the Project is to close the multipurpose path gap in the regional active transportation network. The Project will provide a direct and continuous route for bicyclists and pedestrians from Calle Real to commercial and residential areas within Goleta Old Town and to the existing Class I Atascadero Creek Bikeway providing access to Goleta Beach Park, the University of California Santa Barbara (UCSB) and to the City of Santa Barbara.

The ATP grant deadline is September 30, 2025, which means the project must be awarded by then. The City anticipates construction beginning in early 2026.

FISCAL IMPACTS:

The engineer's estimate for the project's construction cost is approximately $32,000,000. The total construction cost includes construction contingency, construction management costs, staff time, and the change order for Caltrans 217 undercrossing, which amounts to $40,215,349. The Project is funded by the Transportation Development Act (TDA), Development Impact Fees (DIF), Regional Surface Transportation Program (RSTP), Santa Barbara County Association of Governments (SBCAG) Measure A, ATP, Transportation, Community and System Preservation (TCSP), and Redevelopment Project Funds Grants. Recently, the City was notified of an award of $11.16 million in Federal U.S. Department of Transportation (USDOT) funds through the FY 24 Reconnecting Communities Pilot (RCP) Program grant. These funds will be appropriated once the required agreements are executed. Table 1 below details the project cost estimates.

Table 1: Project Cost Estimates

Project Components	Estimated Costs
Conceptual Design	$1,837,267*
Environmental	$978,007*
Final Design	$4,362,726
Land Acquisition	$1,119,000
Total Construction	$40,215,349
Total Project Cost:	**$48,512,349**

Funding Source	Funding Amounts
TDA (202)	$262,062
Measure A (205)	$3,955,414
Measure A (206)	$438,378
DIF (Transportation 220)	$4,729,665
DIF (Bicycle and Pedestrian 235)	$272,204
RSTP (305) (grant)	$30,689
ATP Grant (318)	$17,960,000
Housing and Community Development (HCD) (319)	$729,866
TCSP – Federal (407)	$76,510
Redevelopment Project Fund (601)	$24,829
TBD Grant - USDOT RCP	$11,156,330
Local Funding Sources To-be-Determined (Pending Bond Proceeds)	$8,876,402
Total Project Cost:	**$48,512,349**

*Actual Costs to date

ALTERNATIVES:

City Council may elect not to authorize staff to advertise for bids for this project. Doing so would delay the project's construction and could jeopardize the ATP grant funding if it isn't awarded by the ATP grant deadline of September 30, 2025.

LEGAL REVIEW BY: Isaac Rosen, Acting City Attorney

APPROVED BY: Robert Nisbet, City Manager

ATTACHMENTS:

1. San Jose Creek Multipurpose Path Northern and Southern Segments Project Plans
2. San Jose Creek Multipurpose Path Northern and Southern Segments Project Specifications

ATTACHMENT 1

San Jose Creek Multipurpose Path Northern and Southern Segments Project Plans

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

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY, COUNTY STREET AND CITY STREET NORTHERN SEGMENT AND SOUTHERN SEGMENT

IN SANTA BARBARA COUNTY
IN SANTA BARBARA AND GOLETA
AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY CALTRANS 2023 STANDARD PLANS
AND COUNTY OF SANTA BARBARA STANDARD DETAILS DATED SEPTEMBER 2011



INDEX OF PLANS

NORTHERN SEGMENT

SHEET	DRAWING	TITLE
1	N-T-1	TITLE SHEET
2-4	N-X-1 TO N-X-3	TYPICAL CROSS SECTIONS
5-9	N-PP-1 TO N-PP-5	PLAN AND PROFILE
10-26	N-C-1 TO N-C-17	CONSTRUCTION DETAILS
27	N-WPCQ-1	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
28-30	N-D-1 TO N-D-3	DRAINAGE PLAN
31-32	N-DP-1 TO N-DP-2	DRAINAGE PROFILES
33	N-DQ-1	DRAINAGE QUANTITIES
34-38	N-U-1 TO N-U-5	UTILITY PLAN
39	N-TH-1	TRAFFIC HANDLING PLAN
40	N-THQ-1	TRAFFIC HANDING QUANTITIES
41-43	N-PD-1 TO N-PD-3	PAVEMENT DELINEATION AND SIGN PLAN
44-45	N-PDQ-1 TO N-PDQ-2	PAVEMENT DELINEATION AND SIGN QUANTITIES
46-47	N-Q-1 TO N-Q-2	SUMMARY OF QUANTITIES
48-50	N-EC-1 TO N-EC-3	EROSION CONTROL PLAN
51	N-ECQ-1	EROSION CONTROL QUANTITIES
52	N-E-1	ELECTRICAL PLAN
53-58	N-MP-1 TO N-MP-6	MITIGATION PLANTING PLAN

STRUCTURE PLANS

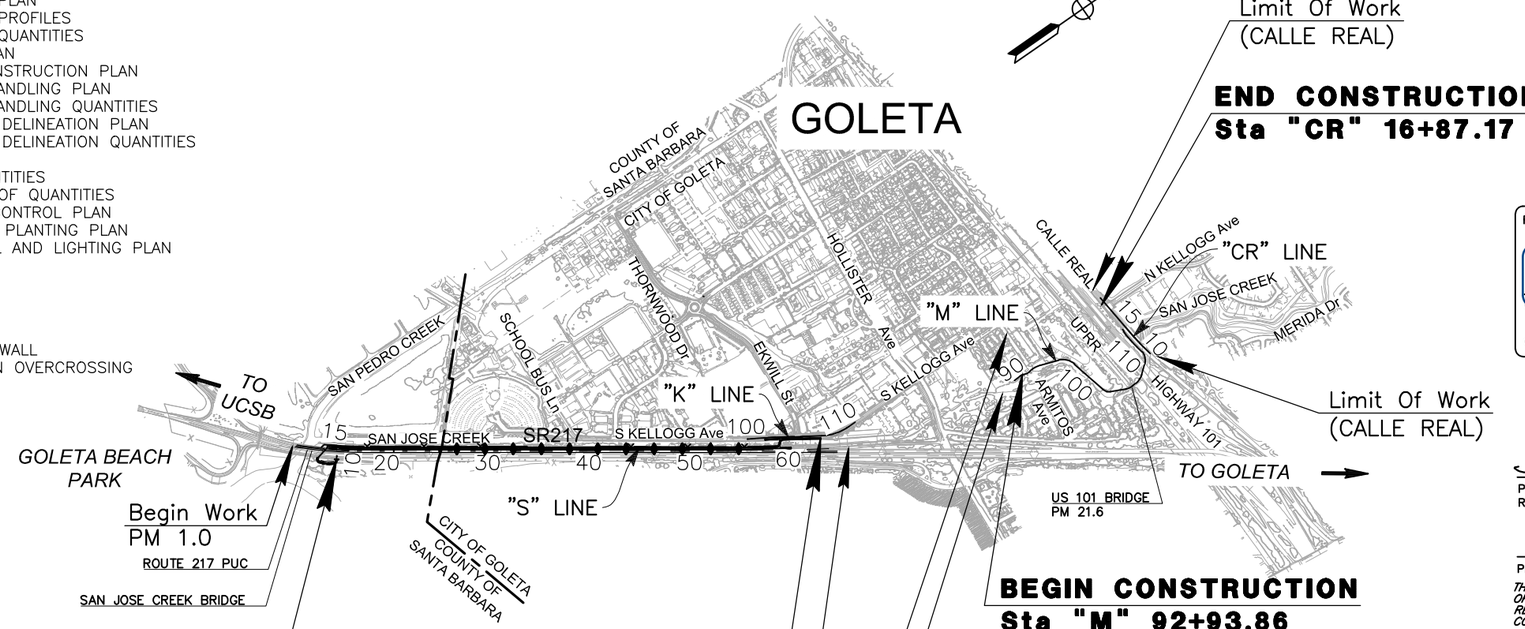
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59-75	N-RW-1 TO N-RW-17	RETAINING WALL PLAN

SOUTHERN SEGMENT

SHEET	DRAWING	TITLE
1	S-T-1	TITLE SHEET
2-5	S-X-1 TO S-X-4	TYPICAL CROSS SECTIONS
6-16	S-PP-1 TO S-PP-11	PLAN AND PROFILE
17-33	S-C-1 TO S-C-17	CONSTRUCTION DETAILS
34-38	S-WPC-1 TO S-WPC-5	TEMPORARY WATER POLLUTION PLAN
39	S-WPCQ-1	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
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
111-127	S-ST-1 TO S-ST-17	RETAINING WALL
128-158	S-ST-1 TO S-ST-31	PEDESTRIAN OVERCROSSING



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Charles W. Eberle 1/30/2024
CITY ENGINEER DATE
ORIGINAL SIGNED DATE 1/30/2024
PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

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

01-15-24
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
F. JOSE SILVA
No. 55267
Exp. 9-30-24
CIVIL
STATE OF CALIFORNIA

02-05-24
PLANS APPROVAL DATE

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

CONSULTANT DESIGN ENGINEER	LICENSE Exp DATE
JOSE SILVA	12/31/25

CALTRANS DESIGN OVERSIGHT APPROVAL	DATE SIGNED
KYLE BIRCH	2/5/24

REGISTRATION No. 74994

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

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

CONTRACT No.	05-1K6304
PROJECT ID	0518000229

SHEET 1 OF 234

LAST REVISION 01-15-24
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TIME PLOTTED => $TIME

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PROJECT NUMBER AND PHASE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	1	75

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY AND CITY STREET NORTHERN SEGMENT

IN SANTA BARBARA COUNTY IN AND NEAR THE CITY OF GOLETA FROM ARMITOS AVENUE TO ROUTE 101 AT PM 21.6 AND ALONG CALLE REAL WEST OF N KELLOG AVENUE

TO BE SUPPLEMENTED BY CALTRANS 2023 STANDARD PLANS
AND COUNTY OF SANTA BARBARA STANDARD DETAILS DATED SEPTEMBER 2011

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SHEET	DRAWING	TITLE
59-75	N-RW-1 TO N-RW-17	RETAINING WALL PLAN





NO SCALE

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Charles W. Eberling 1/30/2024
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1/30/2024
ORIGINAL SIGNED DATE
PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

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

Anthony J. Boyes 01-15-24
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-24
STATE OF CALIFORNIA

02-05-24
PLANS APPROVAL DATE

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SHEET 2 OF 234

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

CONTRACT No. 05-1K6304
PROJECT ID 0518000229

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
LAST REVISION 01-15-24

CONSULTANT DESIGN ENGINEER: JOSE SILVA — LICENSE Exp DATE: 12/31/25
CALTRANS DESIGN OVERSIGHT APPROVAL: KYLE BIRCH — REGISTRATION No.: 74994 — DATE SIGNED: 2/5/24

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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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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 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. 0.33' 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 / 0.50' AB (CLASS 2)
5. 0.67' PCC / 0.50' AB (CLASS 2)
6. 1.0' HMA

MULTIPURPOSE PATH DESIGN DESIGNATION

CLASSIFICATION: CLASS I PATH
V = 20MPH

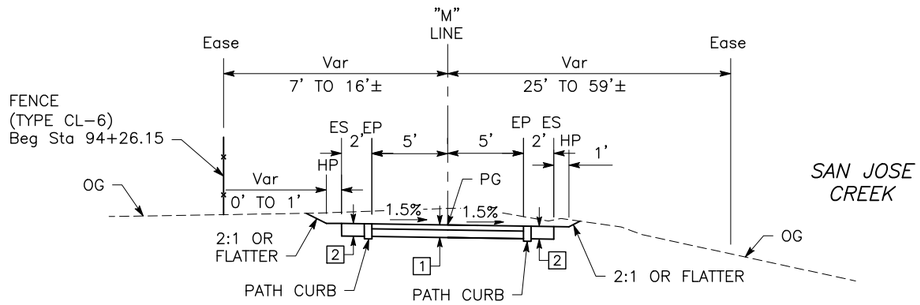
CALLE REAL DESIGN DESIGNATION

CLASSIFICATION: MINOR ARTERIAL
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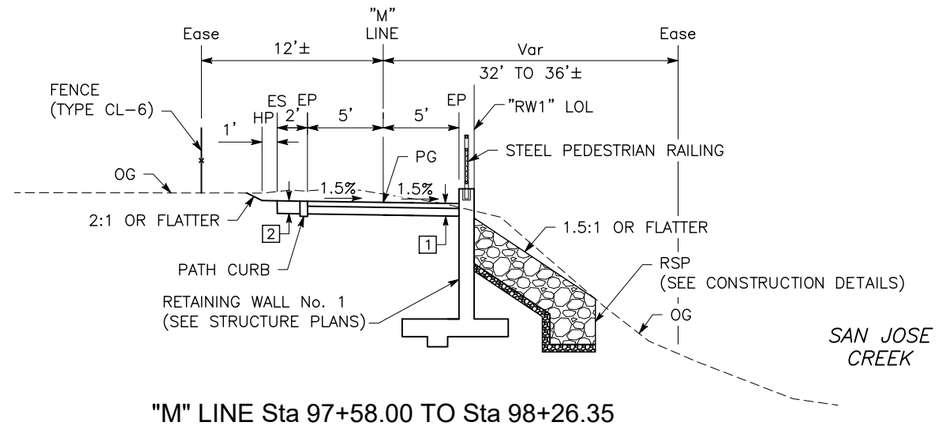
ADT = 15,000+/-

LIST OF ABBREVIATIONS

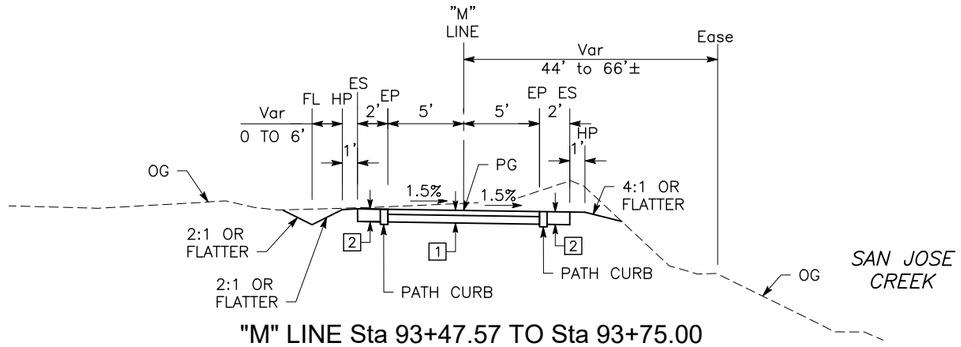
TC = TOP OF CURB
BOC = BACK OF CURB
BOW = BACK OF WALK



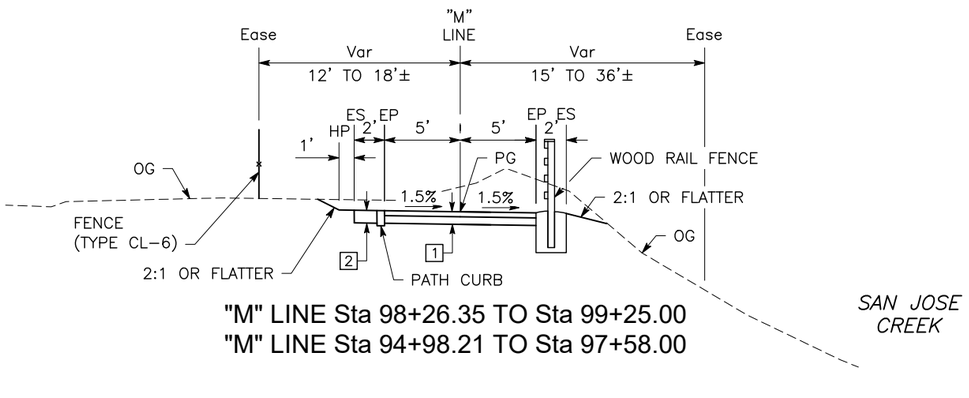
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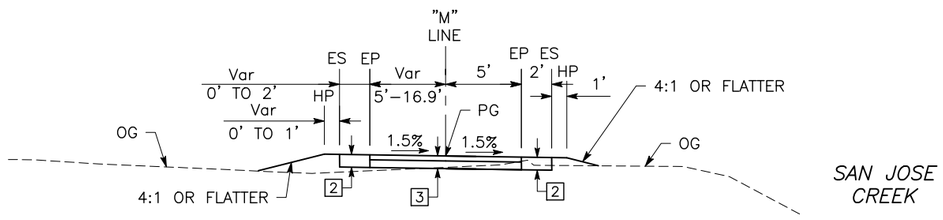
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"M" LINE Sta 92+93.86 TO Sta 93+47.57

TYPICAL CROSS SECTIONS

NO SCALE

SHEET 3 OF 234

N-X-1

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:42 am

u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-X1-X3.dwg, 1/29/2024 11:42 AM

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	3	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

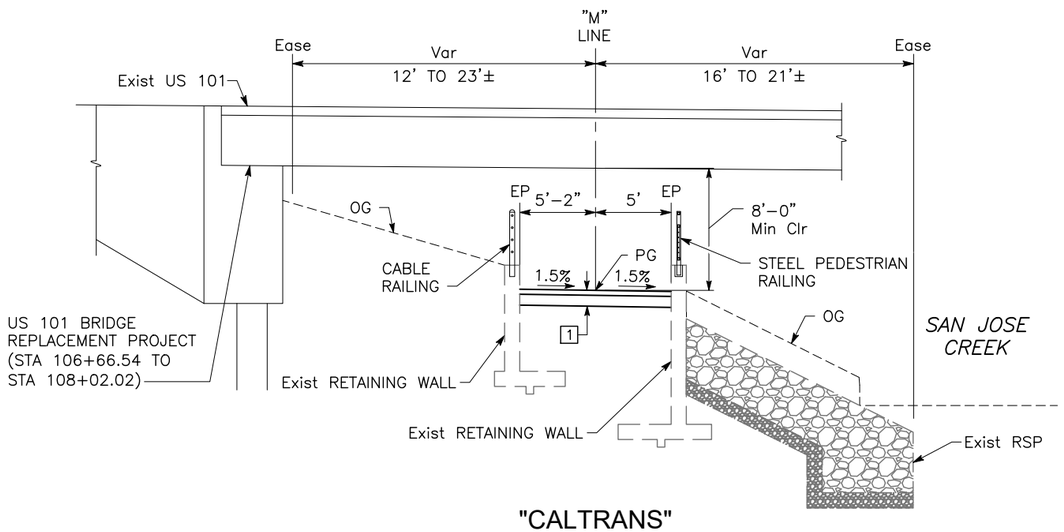
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

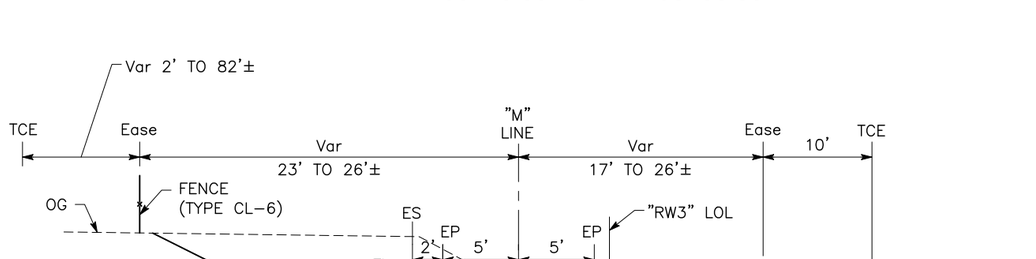
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

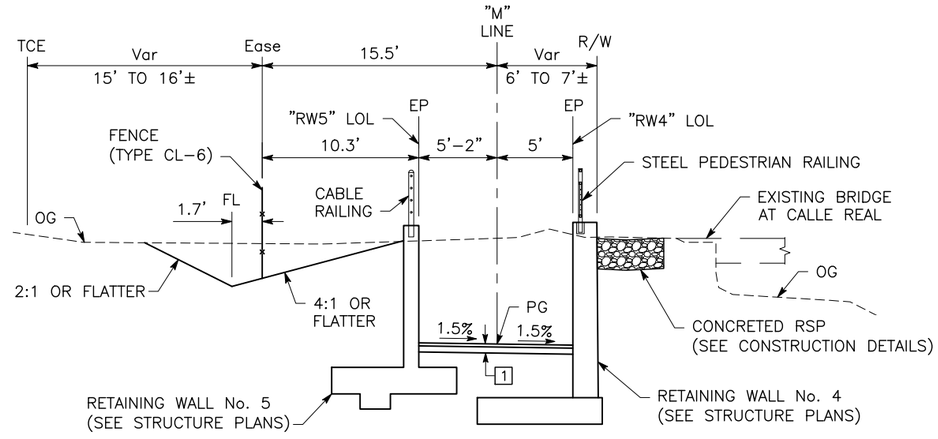
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



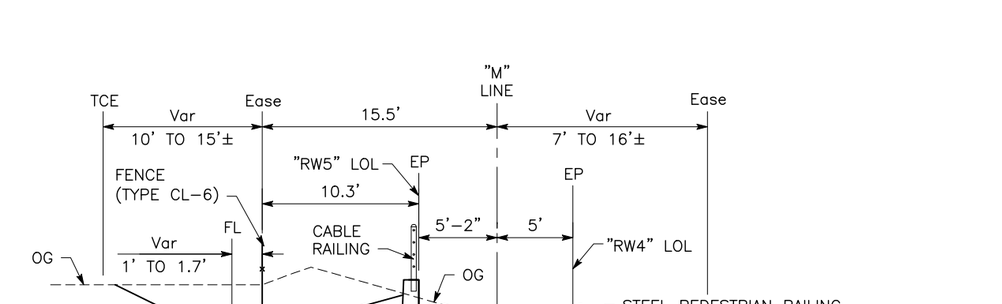
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"M" LINE Sta 106+46.00 TO Sta 108+50.00



"M" LINE Sta 105+76.28 TO Sta 106+46.00



"M" LINE Sta 109+07.72 TO Sta 108+50.00



"M" LINE Sta 108+50.00 TO Sta 109+07.72

TYPICAL CROSS SECTIONS

NO SCALE

N-X-2

SHEET 4 OF 234

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:42 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-X1-X3.dwg, 1/29/2024 11:42 AM

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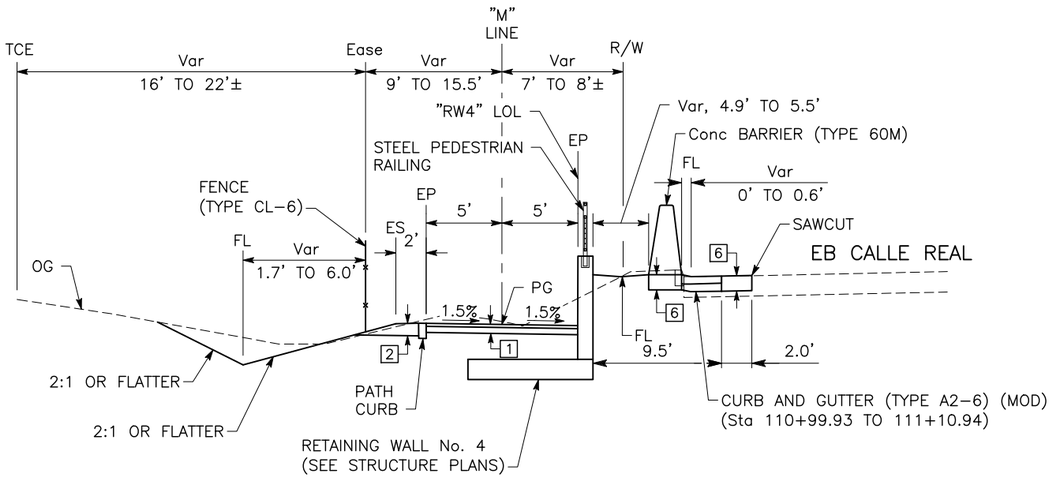
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

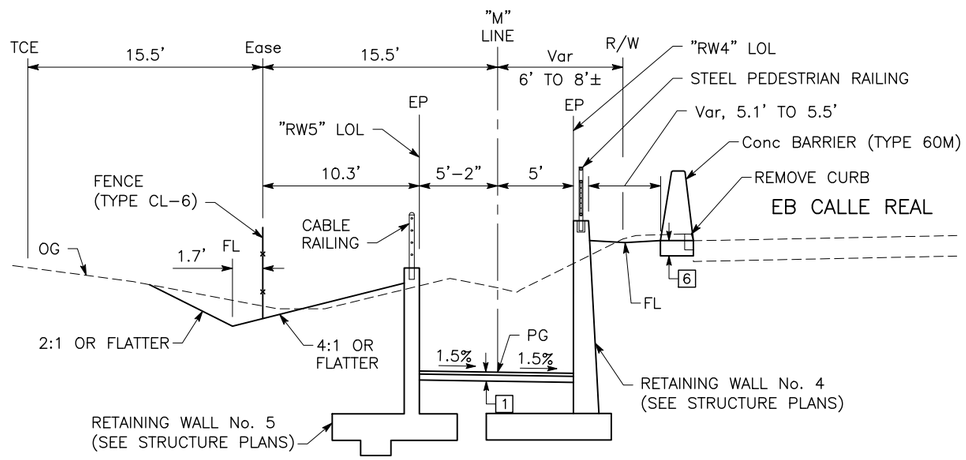
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

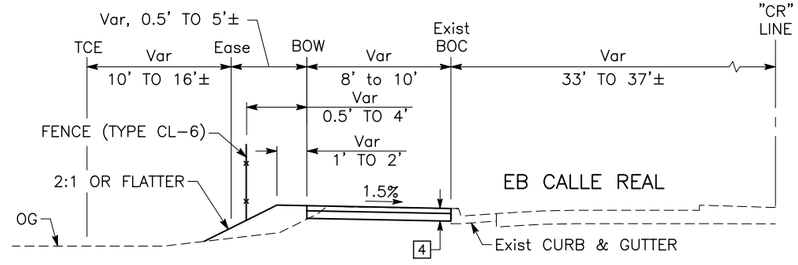
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



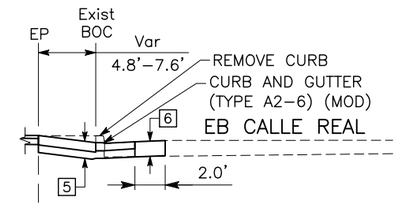
"M" LINE Sta 110+37.39 TO Sta 111+10.94



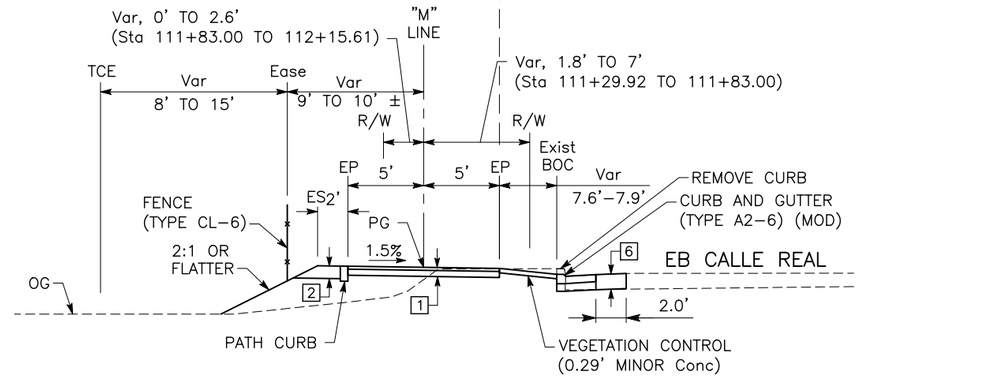
"M" LINE Sta 109+30.78 TO Sta 110+37.39



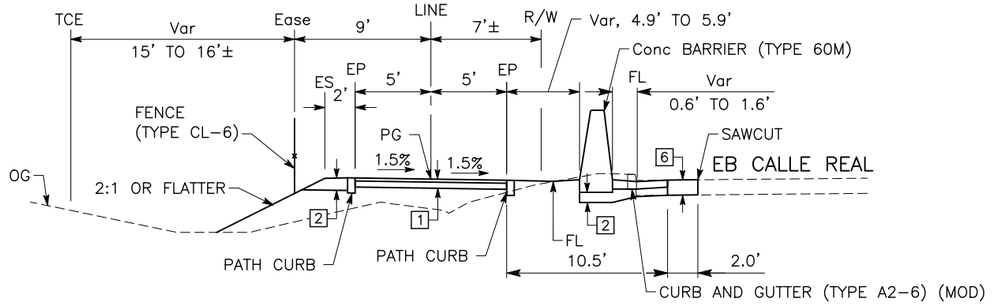
"CR" LINE Sta 13+58.65 TO Sta 15+81.46



"M" LINE Sta 111+63.45 TO Sta 111+82.35



"M" LINE Sta 111+29.92 TO Sta 112+15.61



"M" LINE Sta 111+10.94 TO Sta 111+29.92

SHEET 5 OF 234

TYPICAL CROSS SECTIONS

NO SCALE

N-X-3

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:42 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-X1-X3.dwg, 1/29/2024 11:42 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	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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 AND CALTRANS OFFICES.
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 PLAN AND PROFILES.
5. SEE CITY STANDARD DETAIL 7-020 FOR DEAD END BARRICADE INFORMATION.

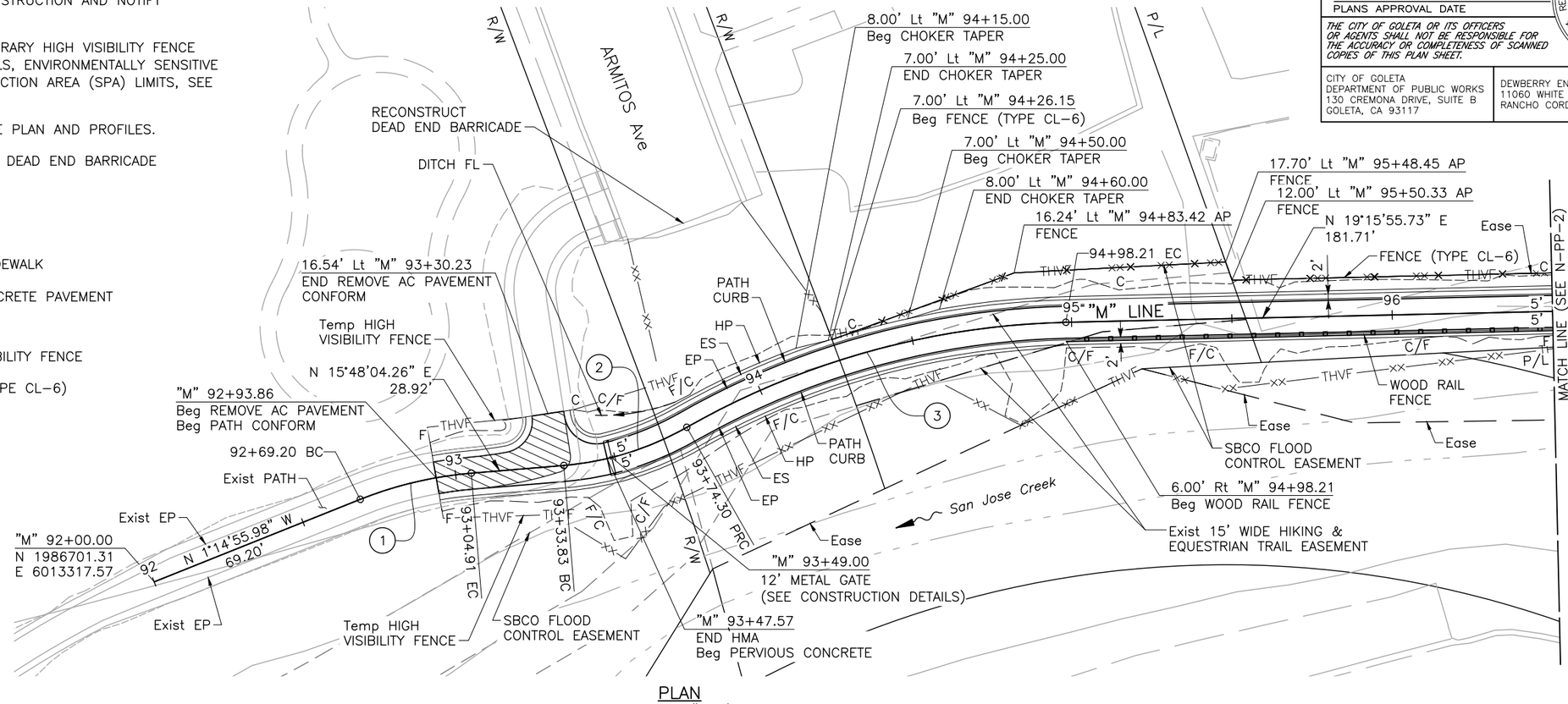
ABBREVIATIONS:

GB GRADE BREAK
AP ANGLE POINT
BOW BACK OF WALK

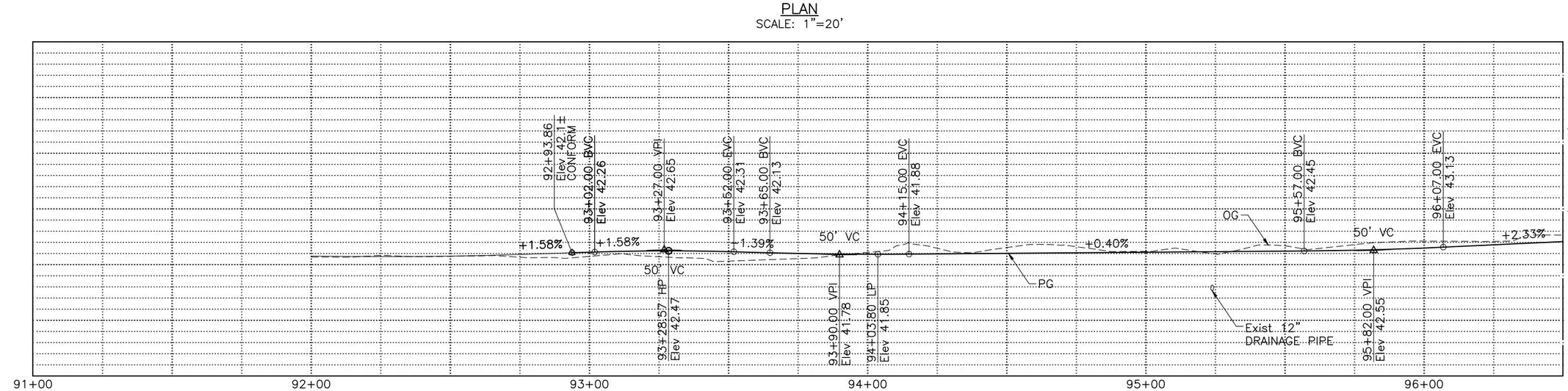
LEGEND:

- REMOVE CONCRETE SIDEWALK
- REMOVE ASPHALT CONCRETE PAVEMENT
- WOOD RAIL FENCE
- THVF xx TEMPORARY HIGH-VISIBILITY FENCE
- CHAIN LINK FENCE (TYPE CL-6)
- RETAINING WALL
- CUT
- FILL

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'



PLAN
SCALE: 1"=20'



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

SHEET 6 OF 234

PLAN AND PROFILE

SCALE AS SHOWN

N-PP-1

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 01-15-24
DATE PLOTTED => Jan 29, 2024
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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, 1/29/2024 11:42 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	6	75

Anthony J. Boyes — 1-15-24
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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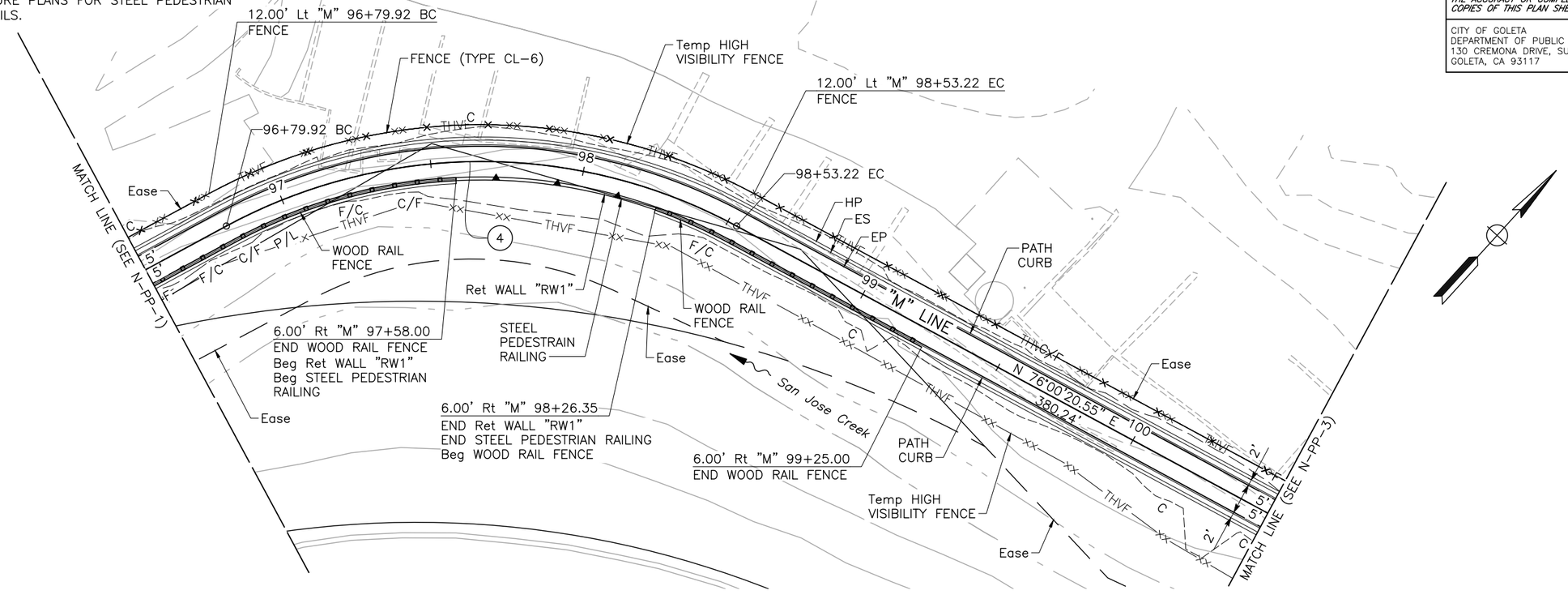
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

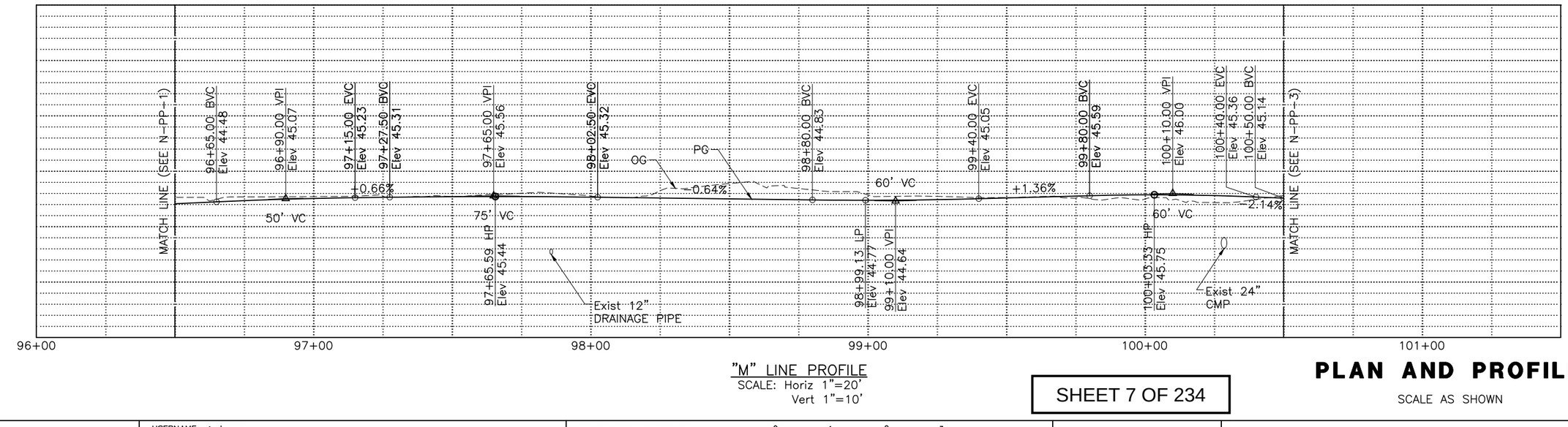
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
2. SEE CONSTRUCTION DETAILS FOR QUARRY WALL REMOVAL LIMITS.
3. SEE STRUCTURE PLANS FOR STEEL PEDESTRIAN RAILING DETAILS.

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



PLAN
SCALE: 1"=20'



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

SHEET 7 OF 234

PLAN AND PROFILE

SCALE AS SHOWN

N1-PP-2

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

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:42 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
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
2. FOR DRAINAGE SWALE DETAIL, SEE DRAINAGE PLAN.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	7	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1–15–24 DATE

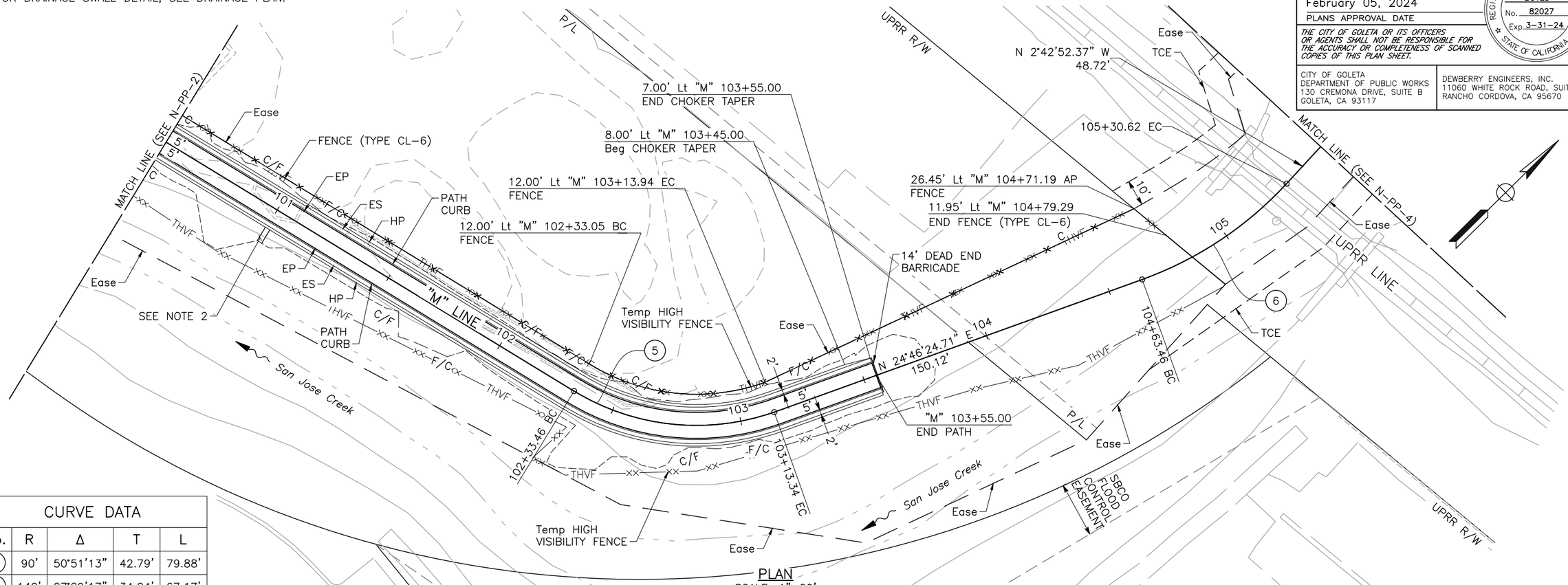
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3–31–24 — STATE OF CALIFORNIA

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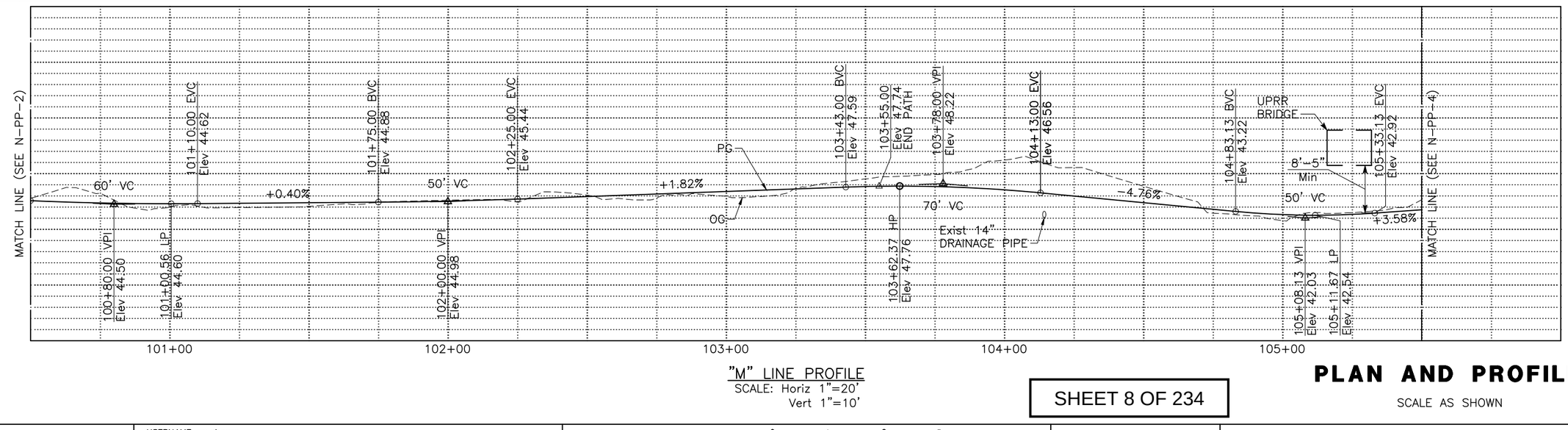
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'

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

SHEET 8 OF 234

N2-PP-3

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 01–15–24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:43 am

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, 1/29/2024 11:43 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 AND CALTRANS OFFICES.
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	8	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

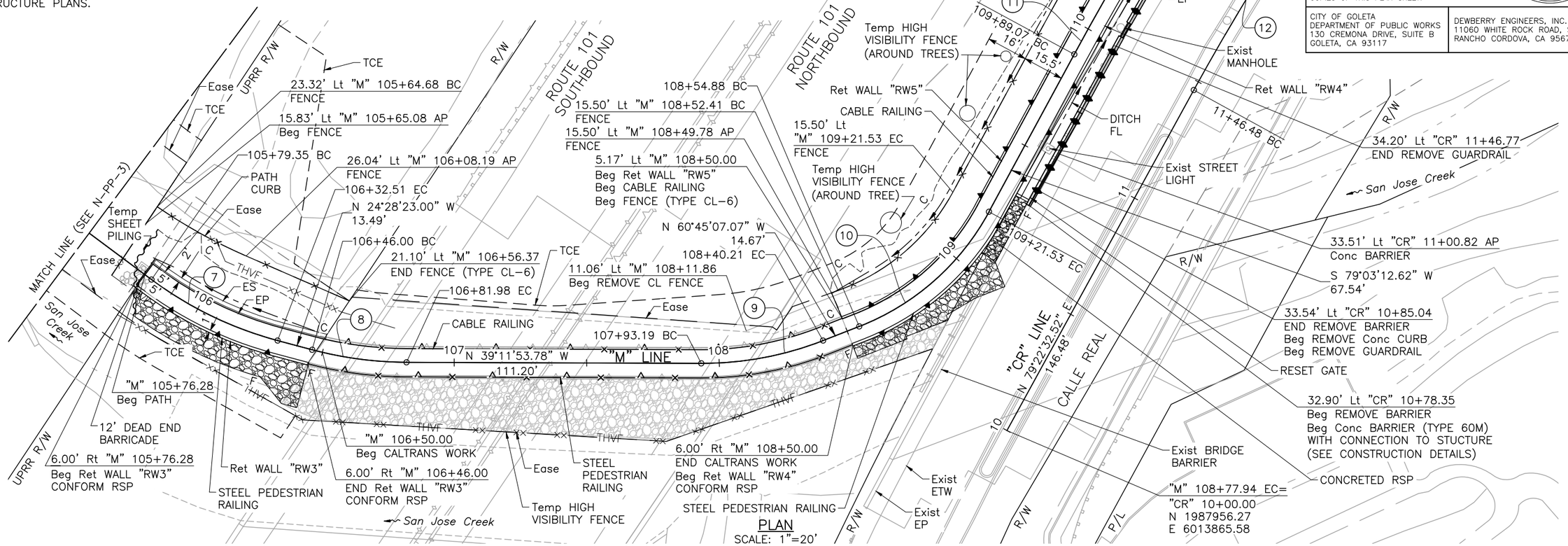
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

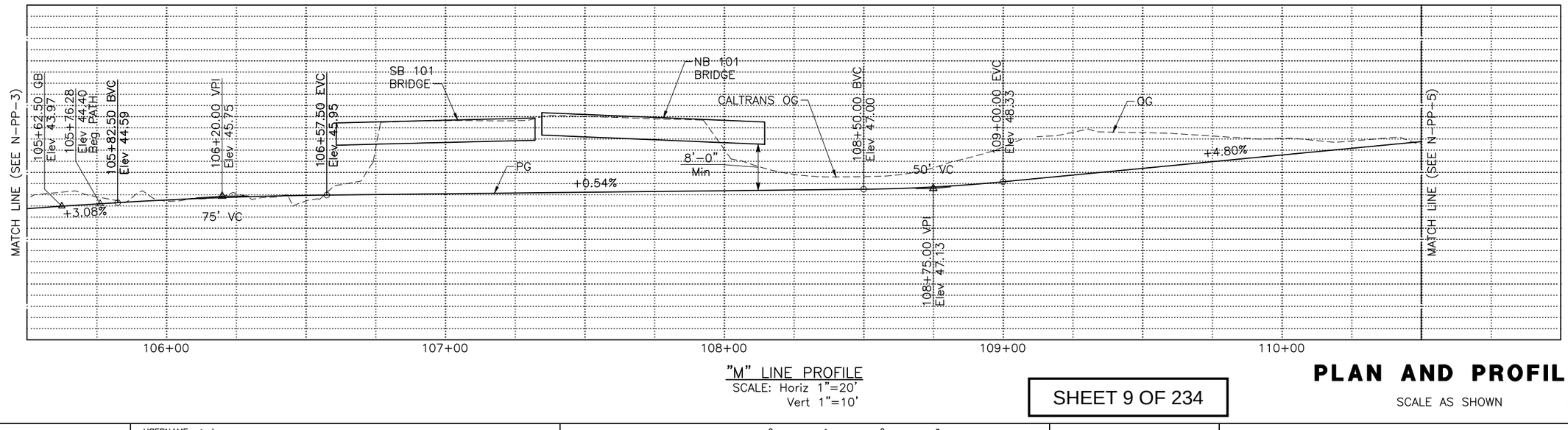
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'



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

SHEET 9 OF 234

PLAN AND PROFILE

SCALE AS SHOWN

N3-PP-4

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:43 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 AND CALTRANS OFFICES.
2. FOR CURB AND GUTTER, BARRIER, AND SIDEWALK TRANSITIONS, SEE CONSTRUCTION DETAILS.

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	9	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

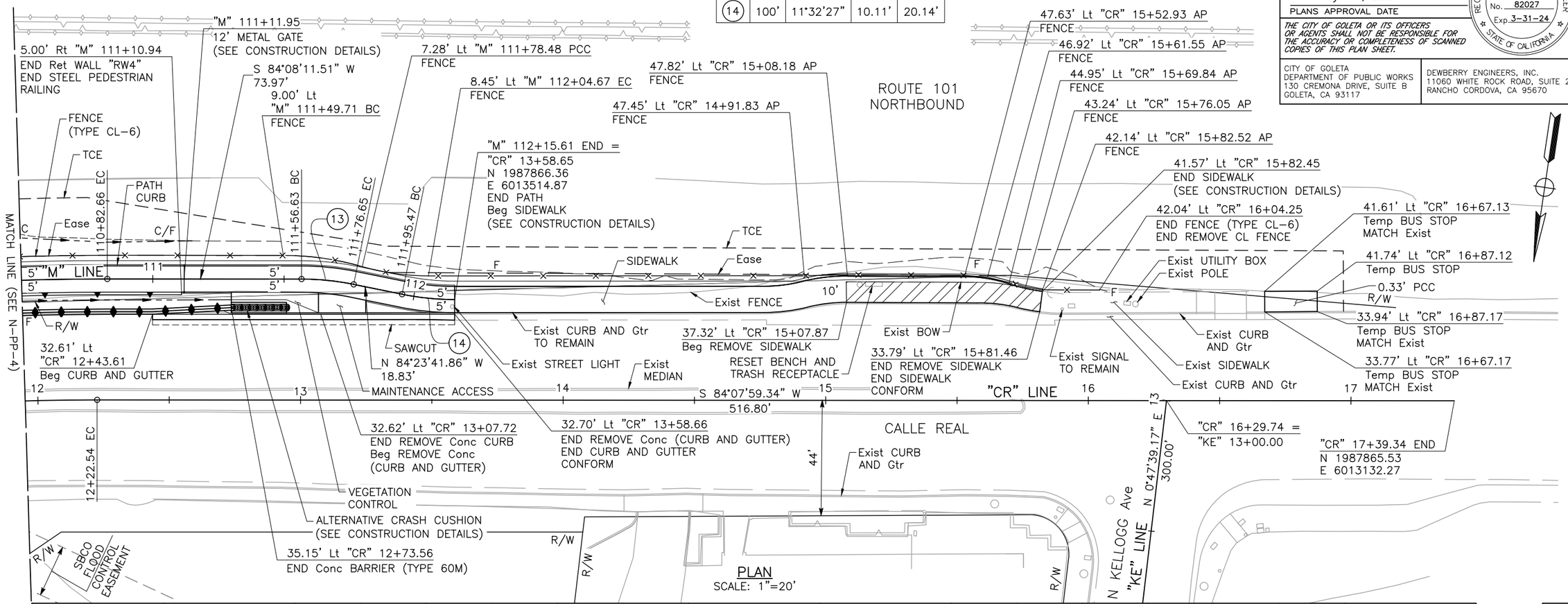
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

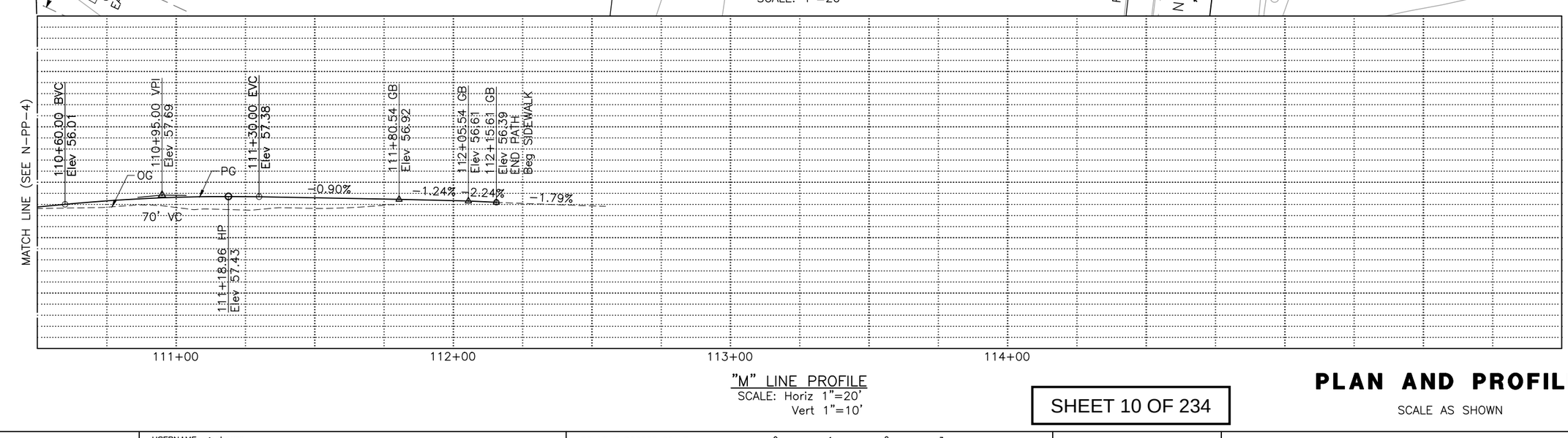
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'



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

SHEET 10 OF 234

PLAN AND PROFILE

SCALE AS SHOWN

N4-PP-5

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\NE-R-PP1-PP5.dwg, 1/29/2024 11:43 AM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:43 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	10	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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:

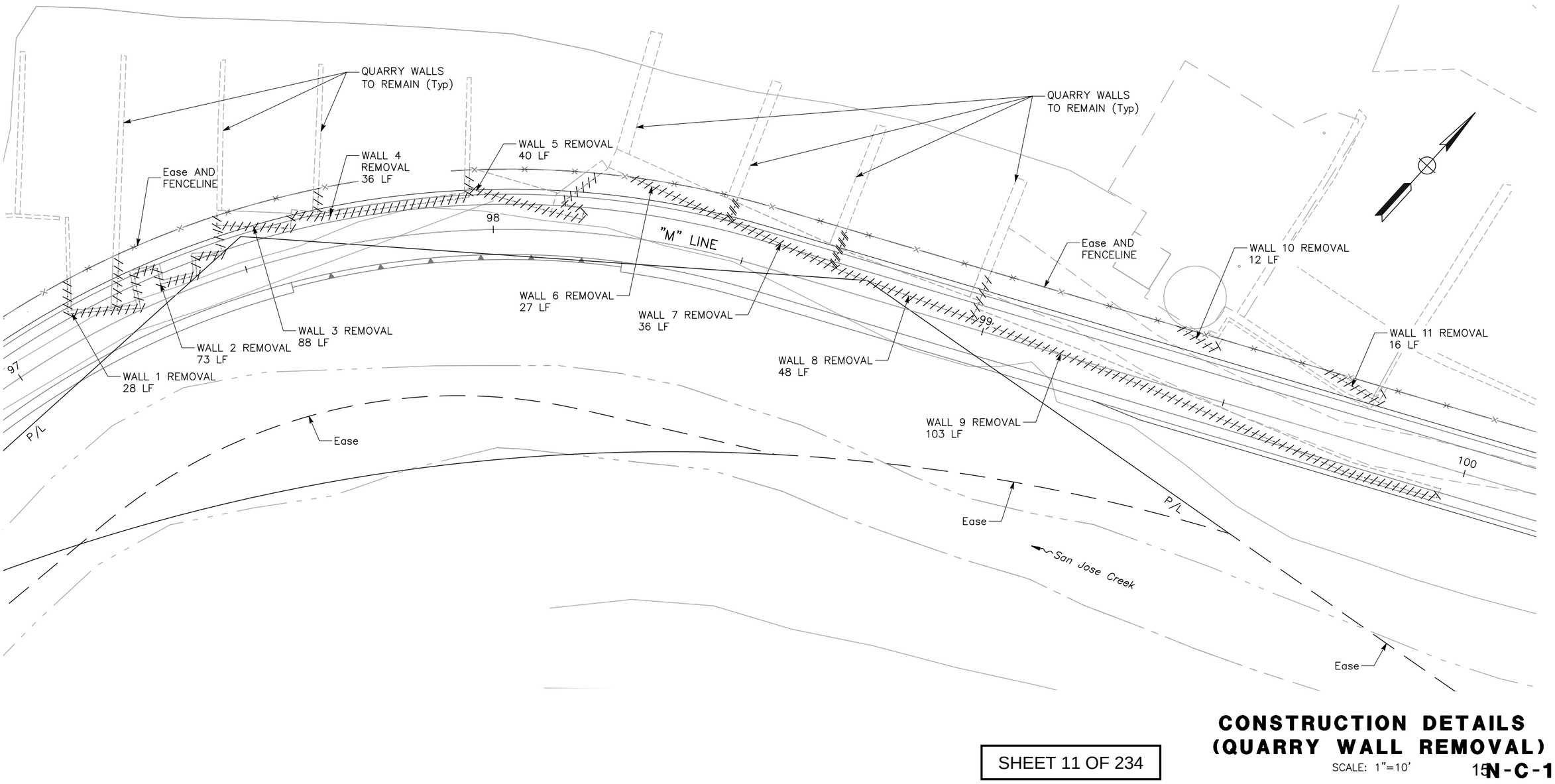
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
2. SEE PLAN AND PROFILE SHEETS FOR CONTROL LINE INFORMATION NOT SHOWN.

LEGEND:

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

QUARRY WALL REMOVAL QUANTITIES

QUARRY 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



SHEET 11 OF 234

CONSTRUCTION DETAILS (QUARRY WALL REMOVAL)

SCALE: 1"=10'

15N-C-1

u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C1.dwg, 1/29/2024 11:43 AM

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 01-15-24 | DATE PLOTTED => Jan 29, 2024 | TIME PLOTTED => 11:43 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | 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	11	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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 AND CALTRANS OFFICES.
2. PROTECT-IN-PLACE ANY TREES NOT REMOVED AS PART OF THIS WORK.

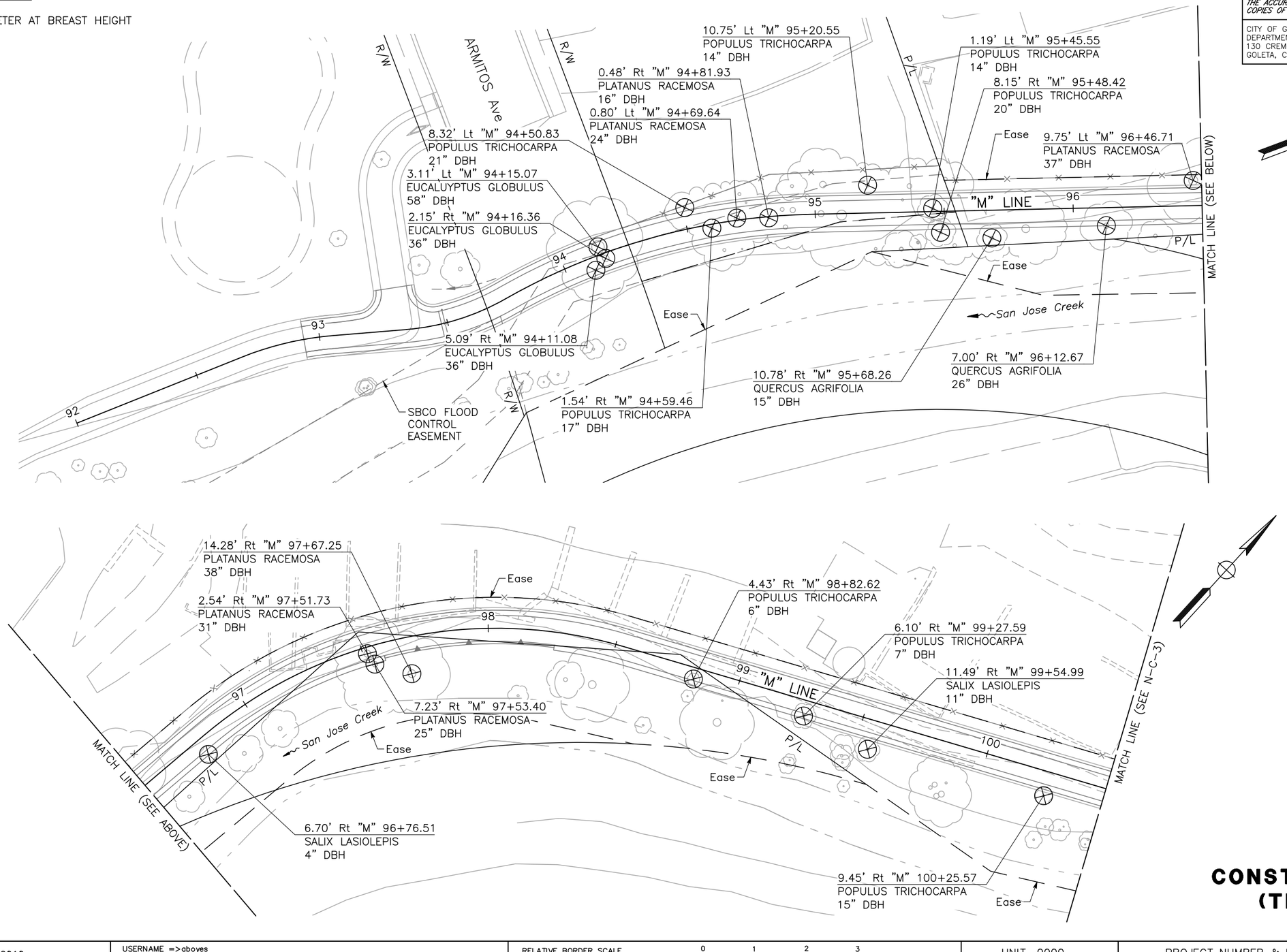
ABBREVIATION:

DBH DIAMETER AT BREAST HEIGHT

LEGEND:

⊗ TREE REMOVAL

FLOW LINE DIRECTION



SHEET 12 OF 234

CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

N-C-2

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 01-15-24

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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

NOTES:

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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	12	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

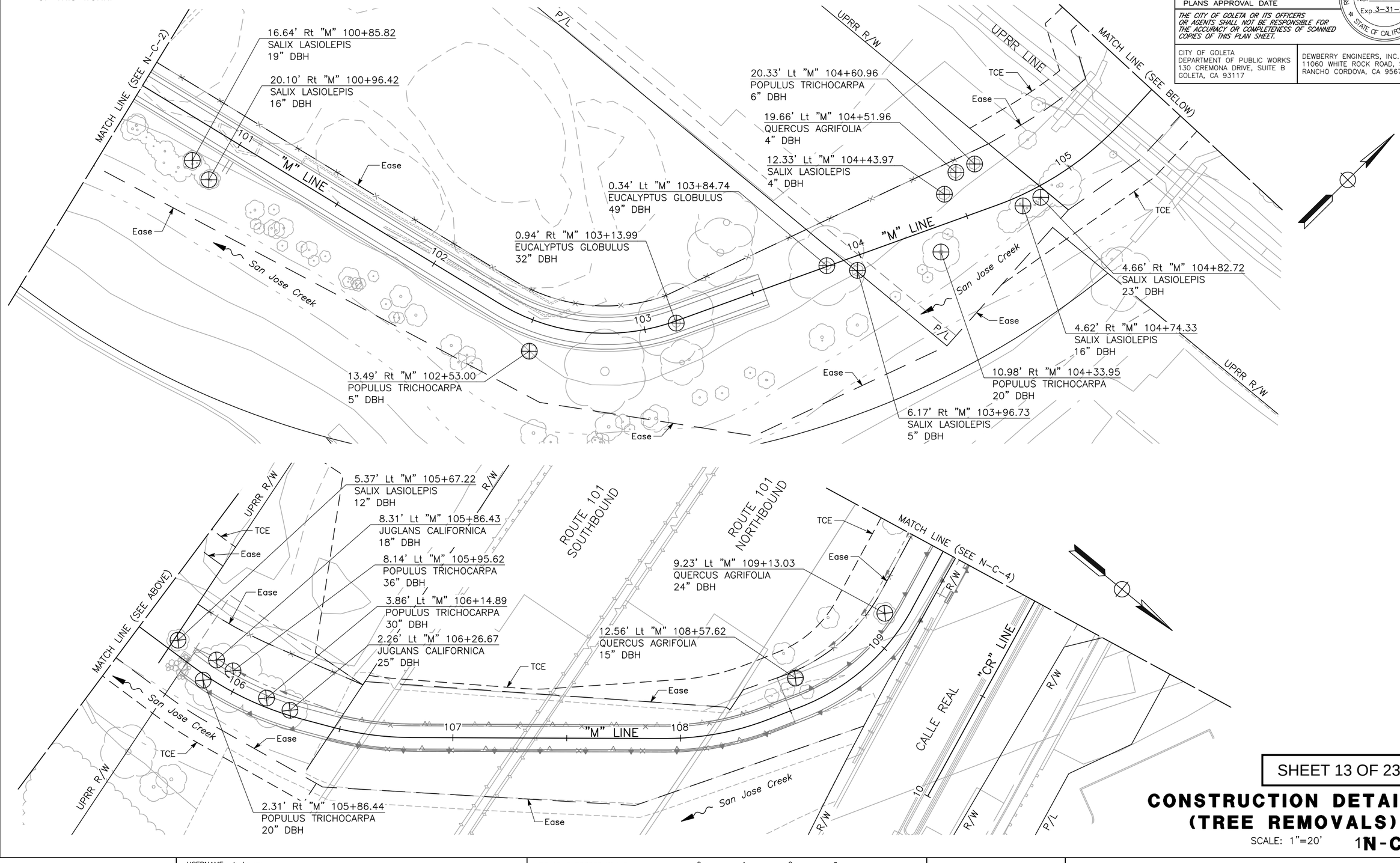
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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 13 OF 234

CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

1N-C-3

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:44 am

u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C2-C4.dwg, 1/29/2024 11:44 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	13	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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

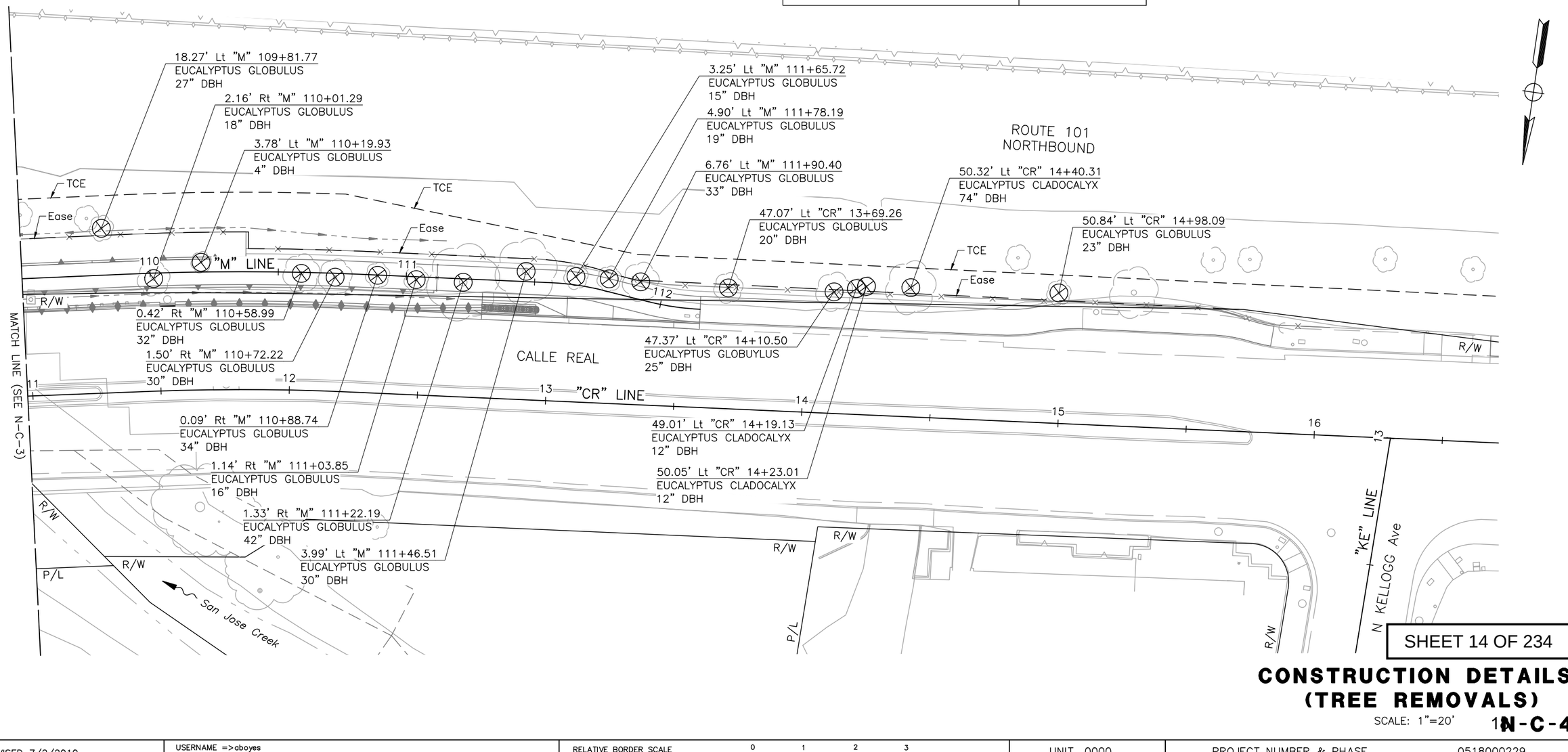
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

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

TREE REMOVAL QUANTITIES

SPECIES NAME	REMOVE TREE
	EA
EUCALYPTUS CLADOCALYX	3
EUCALYPTUS GLOBULUS	20
JUGLANS CALIFORNICA	2
PLATANUS RACEMOSA	6
POPULUS TRICHOCARPA	14
QUERCUS AGRIFOLIA	5
SALIX LASIOLEPIS	9
TOTAL	59



SHEET 14 OF 234

CONSTRUCTION DETAILS (TREE REMOVALS)

SCALE: 1"=20'

N-C-4

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:44 am

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

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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	75

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
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

Anthony J. Boyes
REGISTERED CIVIL ENGINEER — 1-15-24 DATE

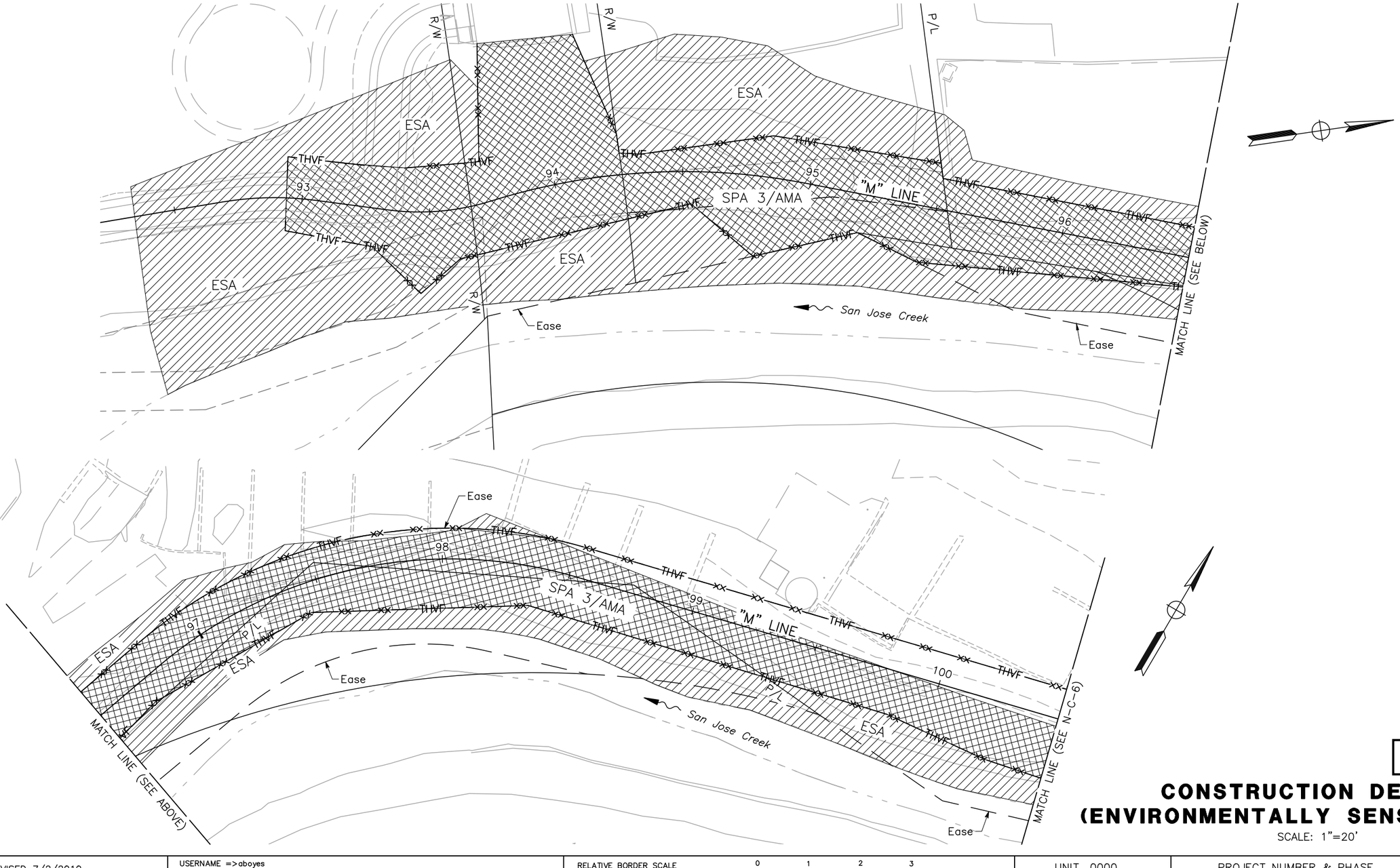
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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



SHEET 15 OF 234

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: A. BOYES
CHECKED BY: J. SILVA
REVISED BY
DATE REVISED

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C5-C7.dwg, 1/29/2024 11:44 AM

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:44 am
LAST REVISION 01-15-24

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 AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	15	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

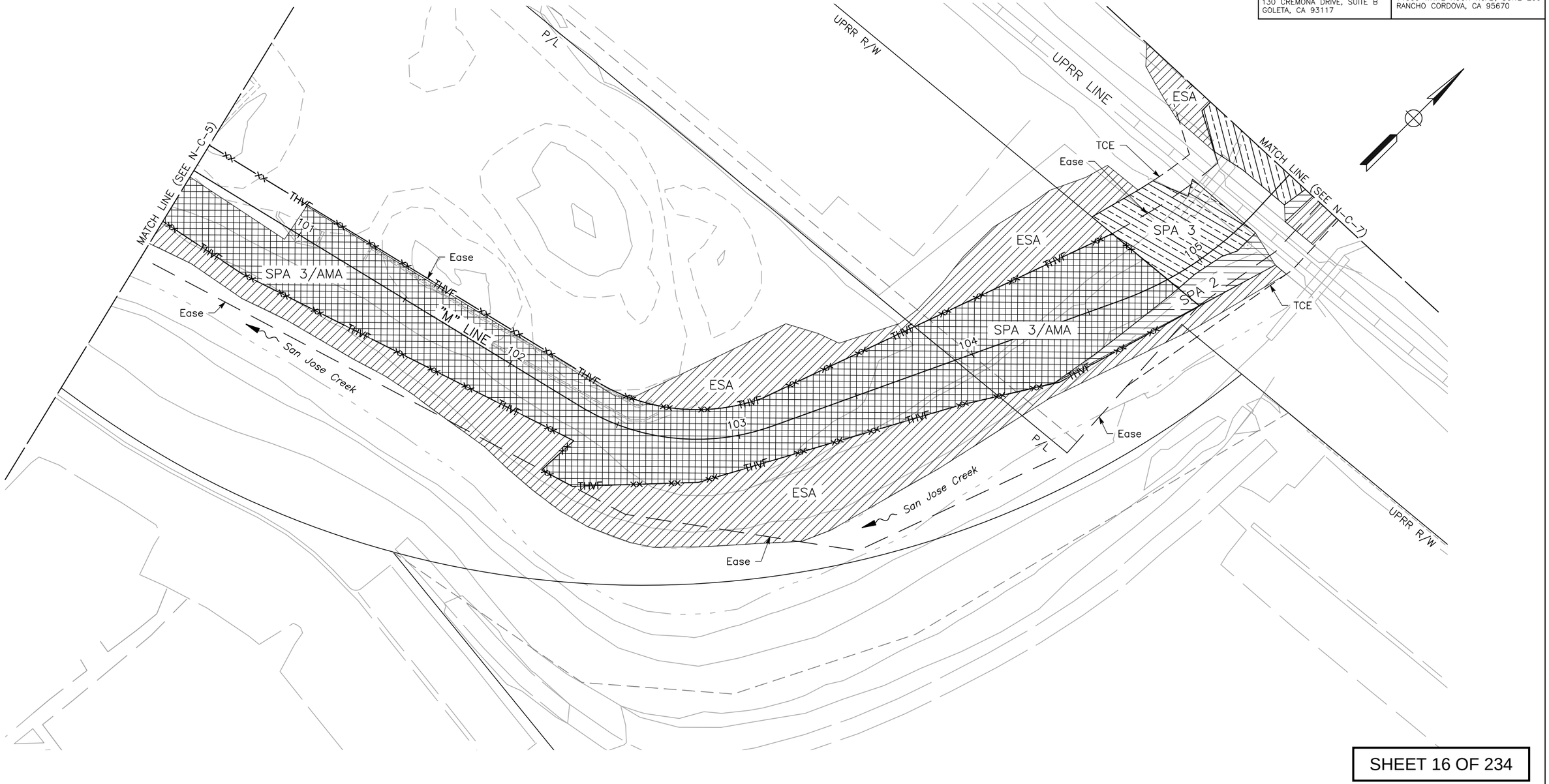
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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



SHEET 16 OF 234

CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

20N-C-6

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 01-15-24
DATE PLOTTED => Jan 29, 2024
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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	16	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

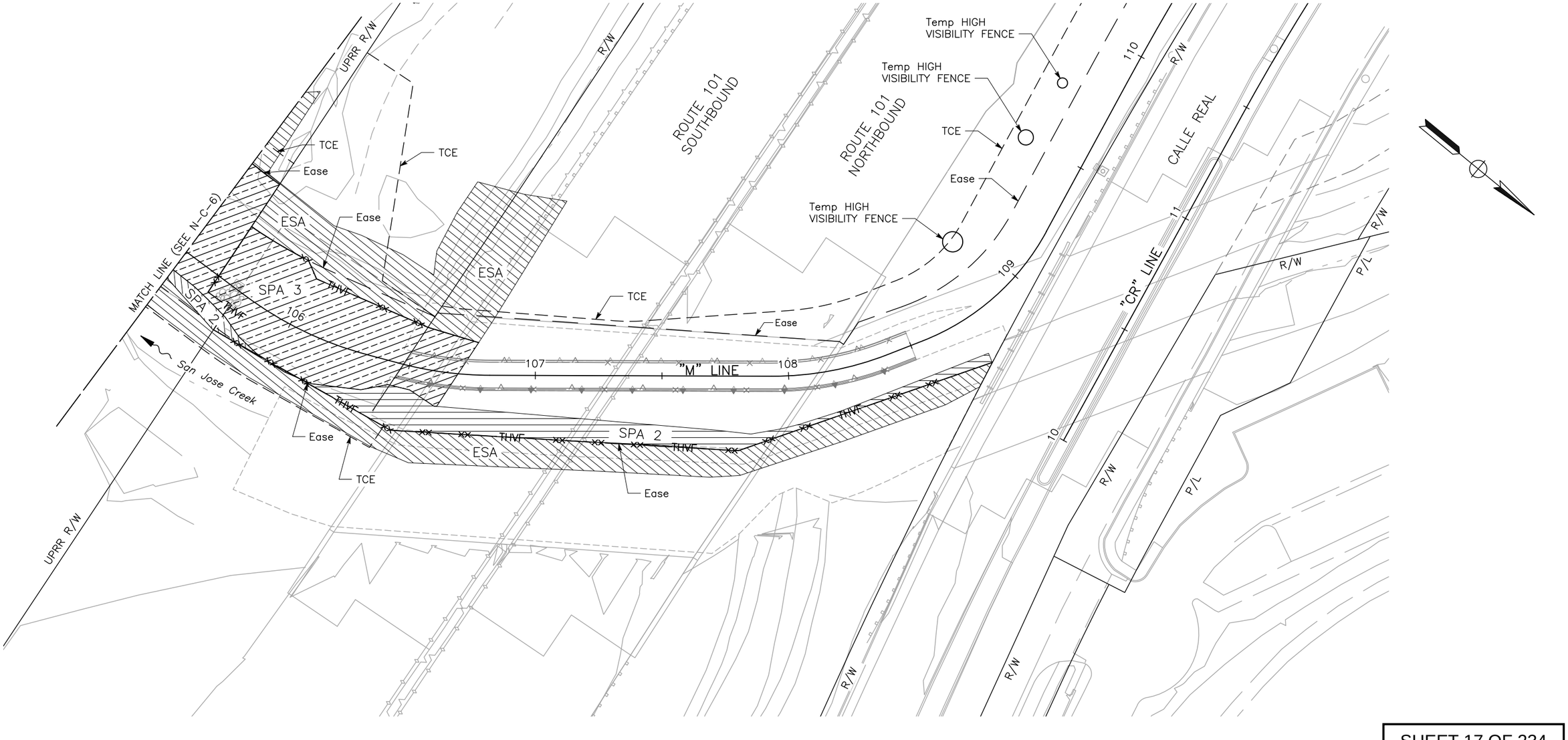
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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



SHEET 17 OF 234

CONSTRUCTION DETAILS (ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=20'

21N-C-7

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

	CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	A. BOYES	J. SILVA
JOSE SILVA	REVISED BY	DATE REVISED

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NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
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	17	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

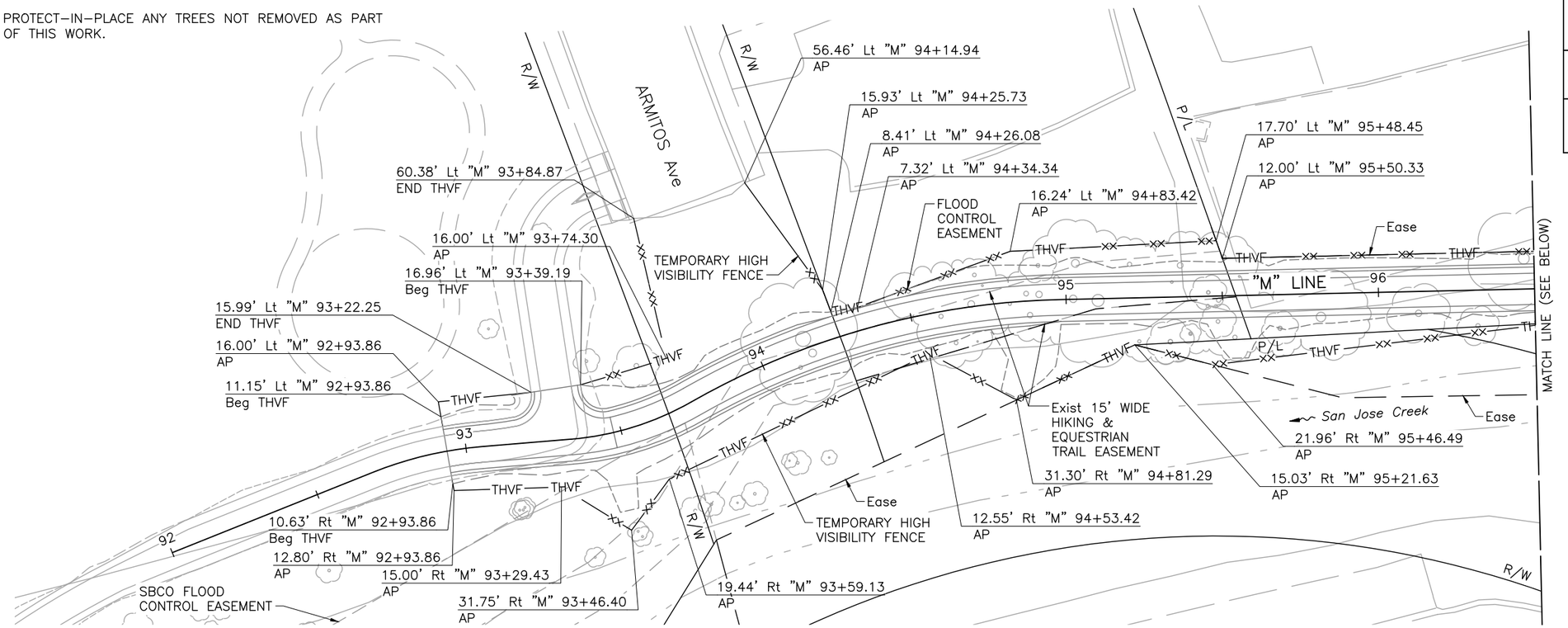
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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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



SHEET 18 OF 234

CONSTRUCTION DETAILS (TEMPORARY HIGH VISIBILITY FENCE)

SCALE: 1"=20'

21N-C-8

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:44 am

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NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
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	18	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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

MATCH LINE (SEE N-C-8)
UPRR R/W
UPRR LINE
P/L
MATCH LINE (SEE BELOW)
TCE
Ease
THVF
TEMPORARY HIGH VISIBILITY FENCE
26.45' Lt "M" 104+71.19
AP
12.00' Lt "M" 102+33.05
BC
18.36' Lt "M" 103+81.68
AP
12.00' Lt "M" 103+13.94
EC
24.84' Rt "M" 100+88.47
AP
San Jose Creek
"M" LINE
101
102
103
104
105
13.37' Rt "M" 102+37.56
AP
29.34' Rt "M" 102+33.44
AP
30.09' Rt "M" 102+43.86
AP
17.43' Rt "M" 102+83.31
AP
17.75' Rt "M" 103+88.16
AP
15.39' Rt "M" 104+90.13
END THVF
22.70' Rt "M" 104+29.37
AP
MATCH LINE (SEE ABOVE)
23.32' Lt "M" 105+64.68
Beg THVF
25.47' Lt "M" 105+93.31
AP
20.73' Lt "M" 106+00.83
AP
12.80' Lt "M" 106+77.15
END THVF
ROUTE 101 SOUTHBOUND
ROUTE 101 NORTHBOUND
R/W
THVF AROUND TREE, 2' FROM TRUNK
THVF AROUND TREE, 3' FROM TRUNK
THVF AROUND TREE, 4' FROM TRUNK
106
107
108
109
CALLE REAL
7.49' Rt "M" 105+76.36
AP
18.32' Rt "M" 105+76.94
AP
7.65' Rt "M" 105+66.35
AP
26.49' Rt "M" 106+48.81
AP
29.47' Rt "M" 107+80.13
AP
20.17' Rt "M" 108+73.63
END THVF

SHEET 19 OF 234

CONSTRUCTION DETAILS (TEMPORARY HIGH VISIBILITY FENCE)

SCALE: 1"=20'

21 N-C-9

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 01-15-24
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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

NOTE:

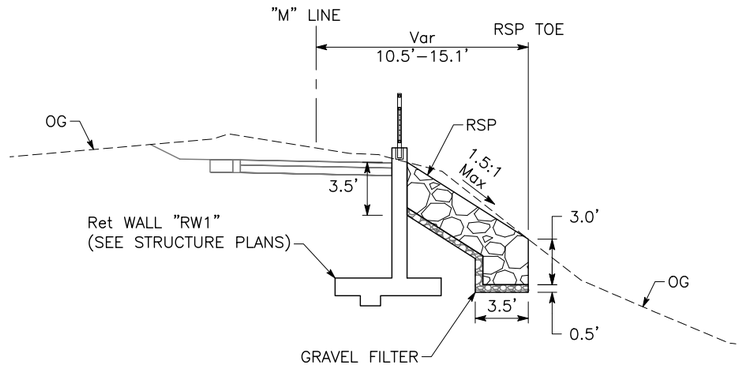
FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.

LEGEND:

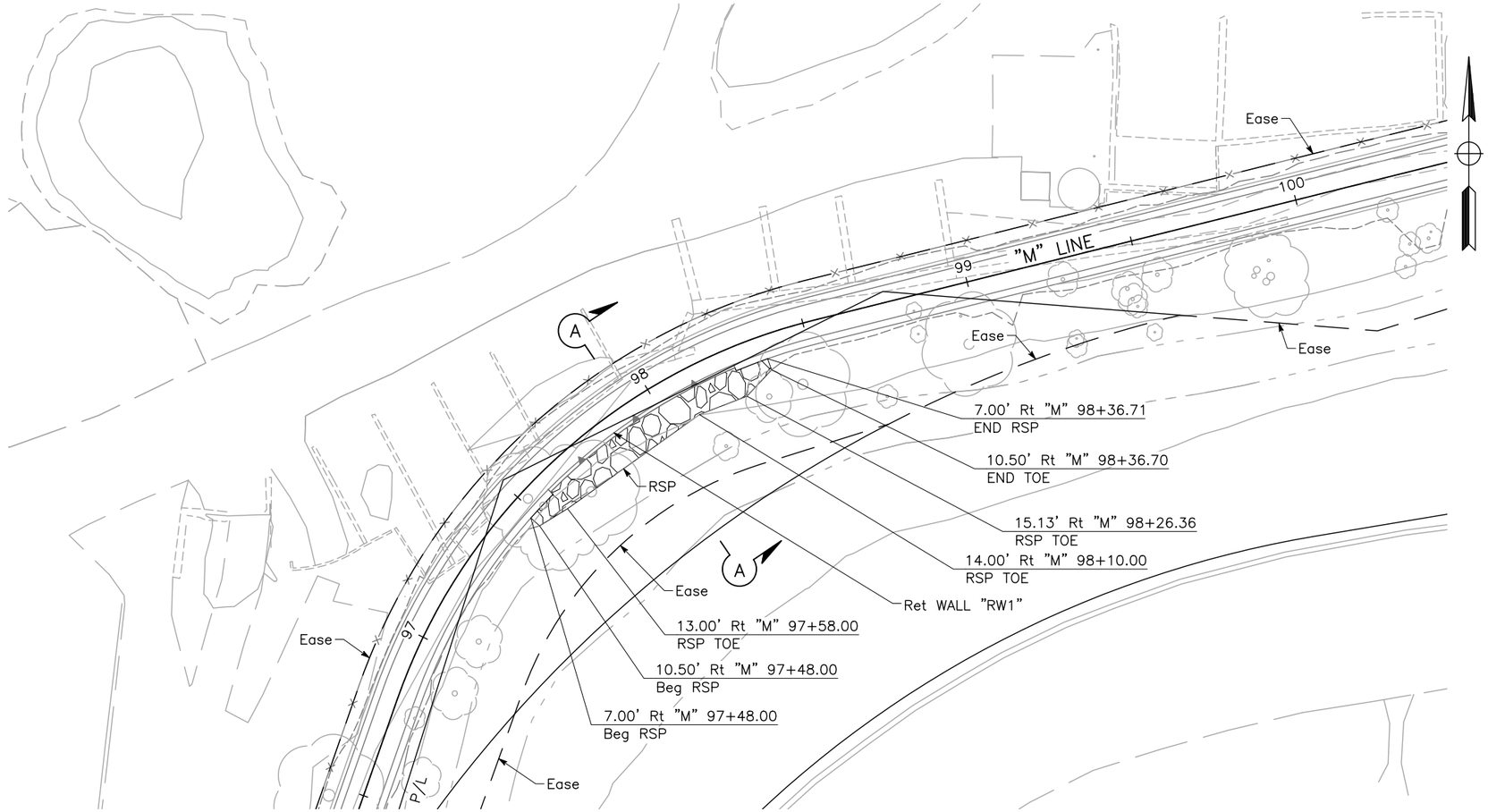
RSP (1/2T, CLASS VII, METHOD A)

CONCRETED RSP (60 LB, CLASS II, METHOD B)

Exist CALTRANS RSP



SECTION A-A
NO SCALE



RSP DETAIL 1
SCALE: 1"=20'

SHEET 20 OF 234

CONSTRUCTION DETAILS (ROCK SLOPE PROTECTION)

SCALE AS SHOWN

N4-C-10

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 01-15-24
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

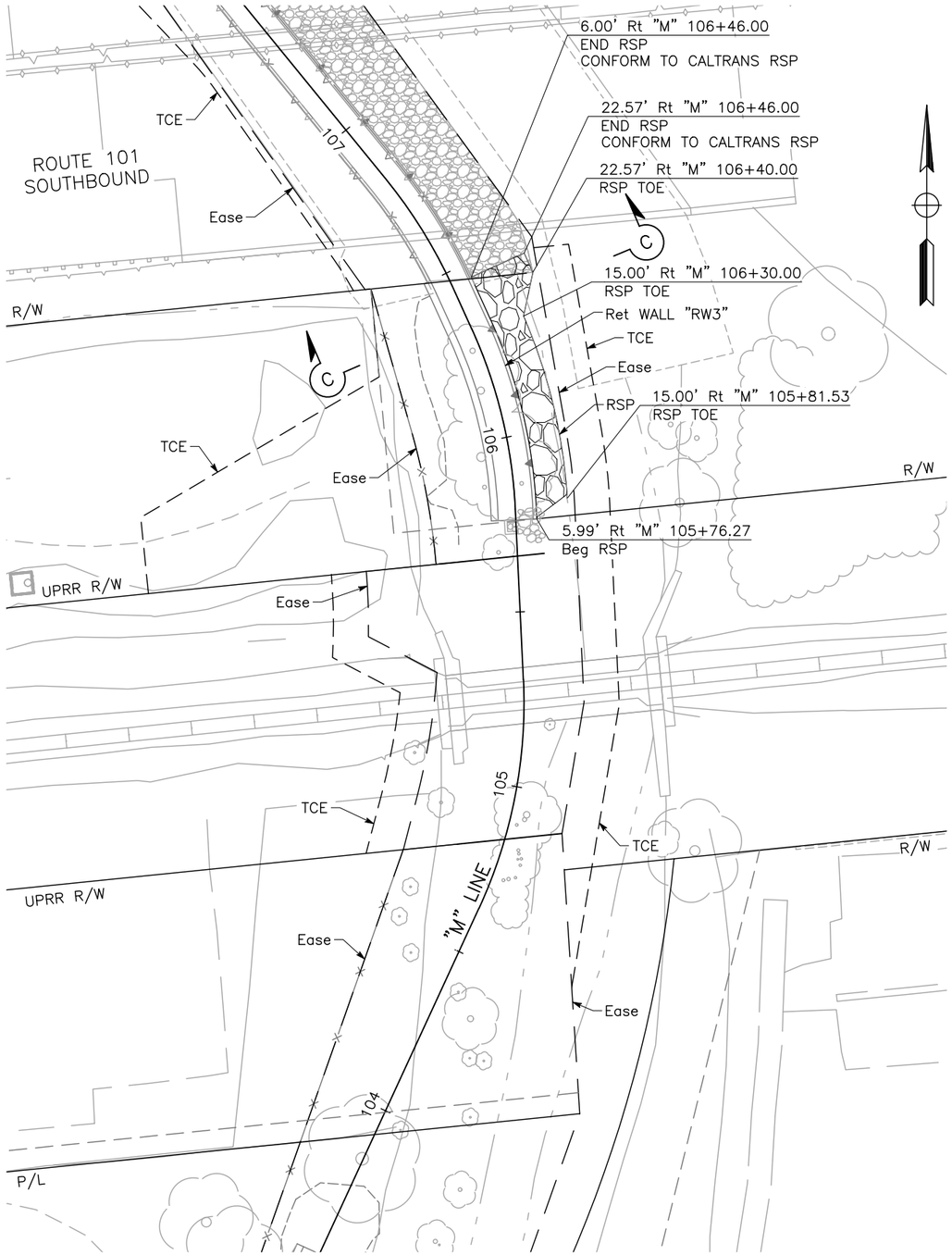
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

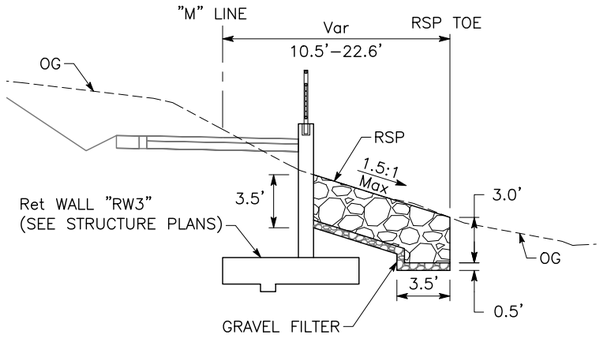
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTE:

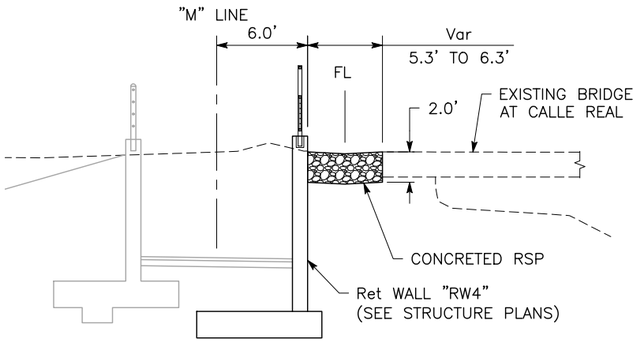
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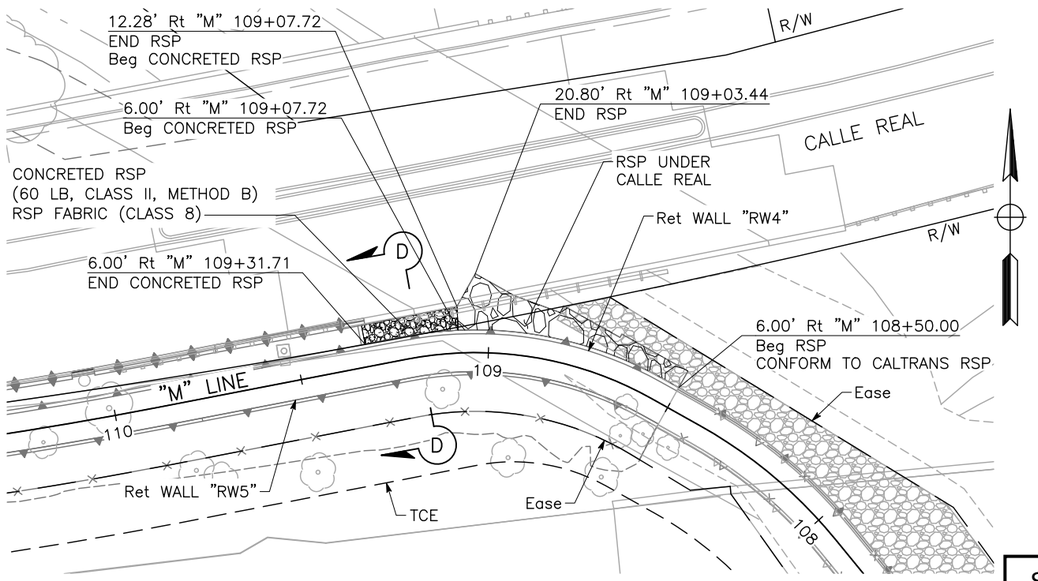
RSP DETAIL 2
SCALE: 1"=20'



SECTION C-C
NO SCALE



SECTION D-D
NO SCALE



RSP DETAIL 3
SCALE: 1"=20'

SHEET 21 OF 234

CONSTRUCTION DETAILS (ROCK SLOPE PROTECTION)

SCALE AS SHOWN

N-C-11

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 01-15-24
DATE PLOTTED => Jan 29, 2024
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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
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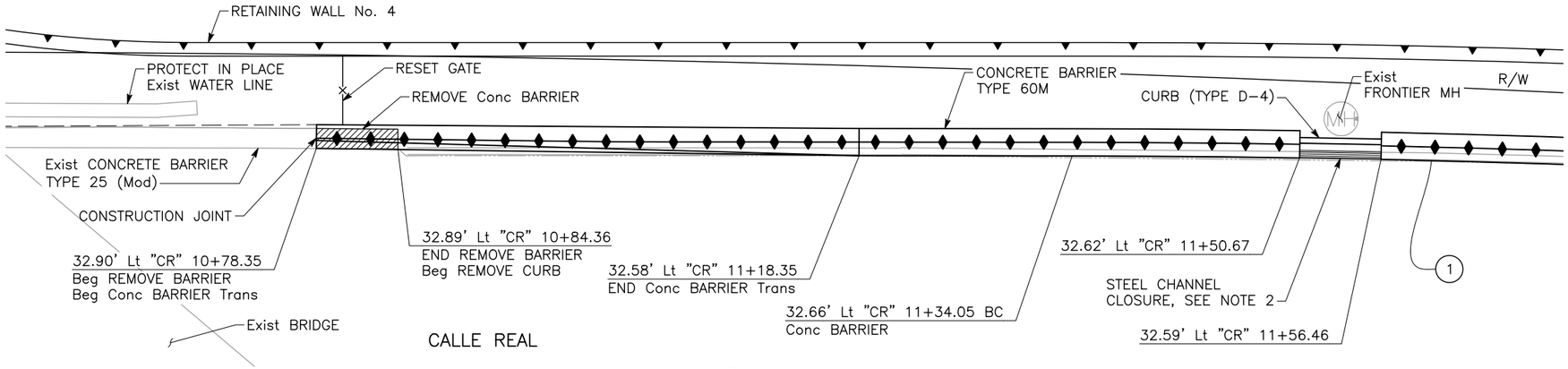
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

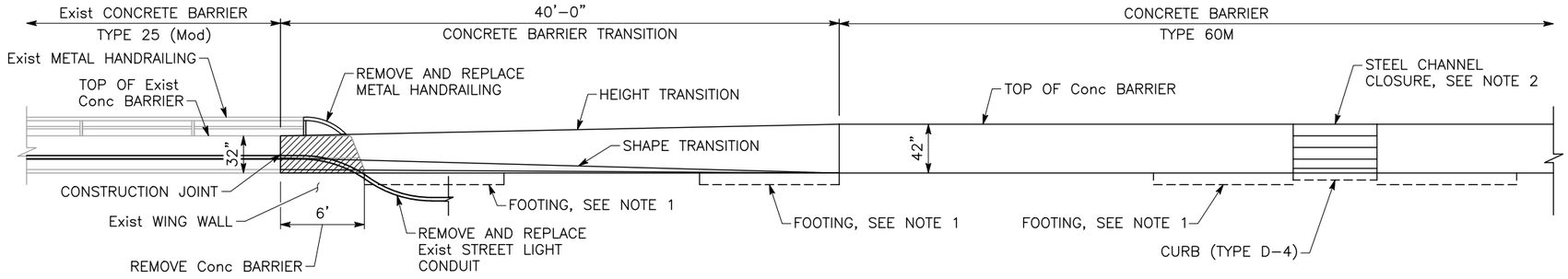
NOTES:

1. SEE CALTRANS STANDARD PLAN A76AB AND A76AC FOR CONCRETE BARRIER TYPE 60M DETAILS.
2. SEE N-C-14 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'

SHEET 22 OF 234

CONSTRUCTION DETAILS

SCALE AS SHOWN

NB-C-12

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:45 am

u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C12-C14.dwg, 1/29/2024 11:45 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C12-C14.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	22	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

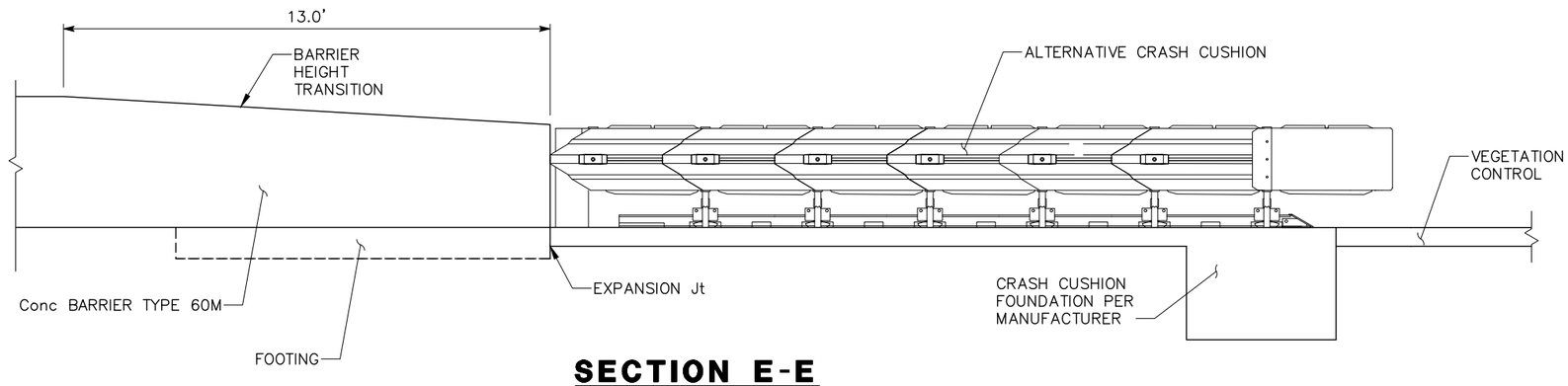
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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

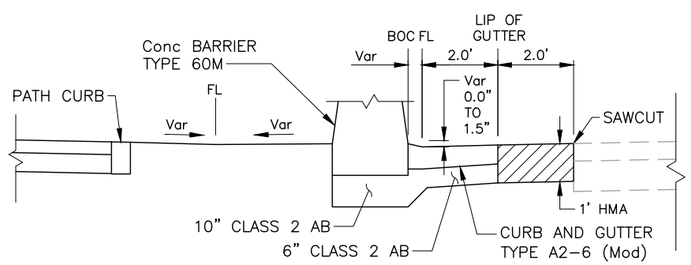
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



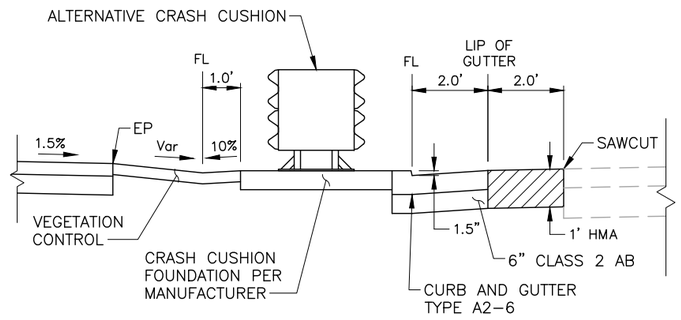
SECTION E-E
NO SCALE

NOTES:

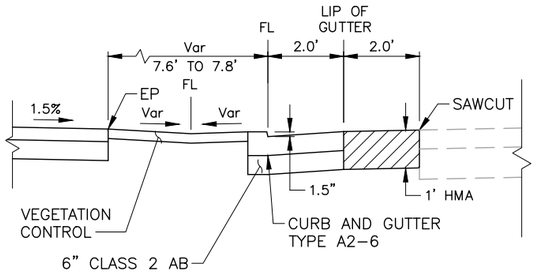
1. SEE CALTRANS STANDARD PLAN A76H FOR CONCRETE BARRIER TRANSITION TO CRASH CUSHION.
2. SEE SHEET N-C-17 FOR METAL GATE DETAILS.



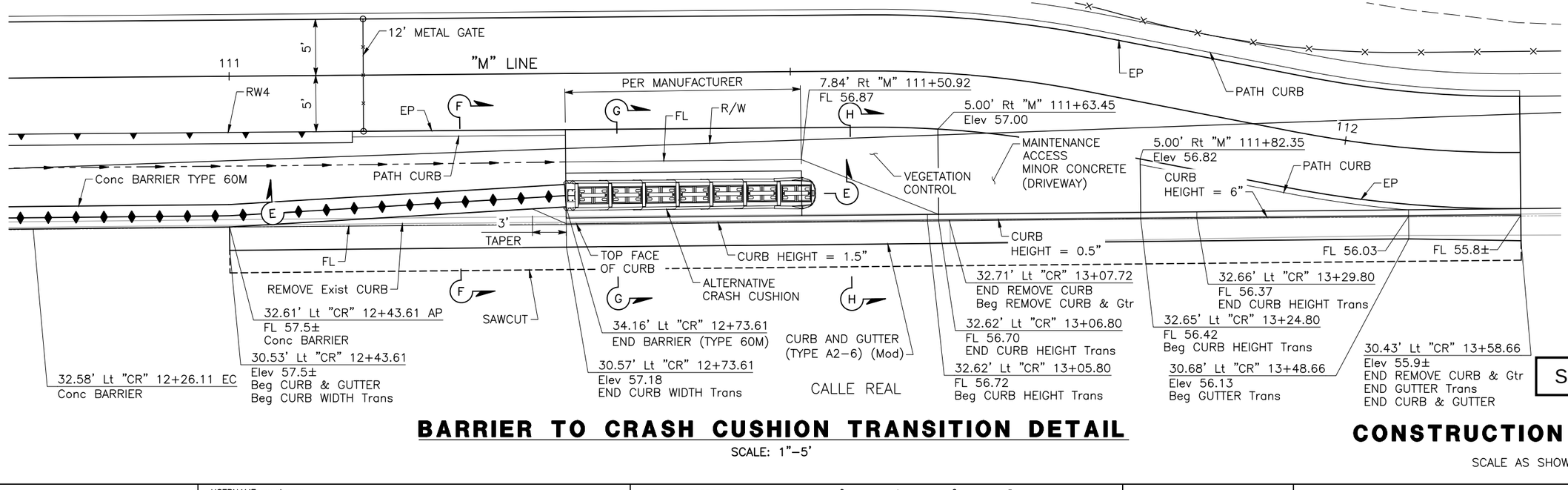
SECTION F-F
NO SCALE



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-13

SHEET 23 OF 234

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\NE-R-C12-C14.dwg, 1/29/2024 11:45 AM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:45 am

BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-C12-C14.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	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

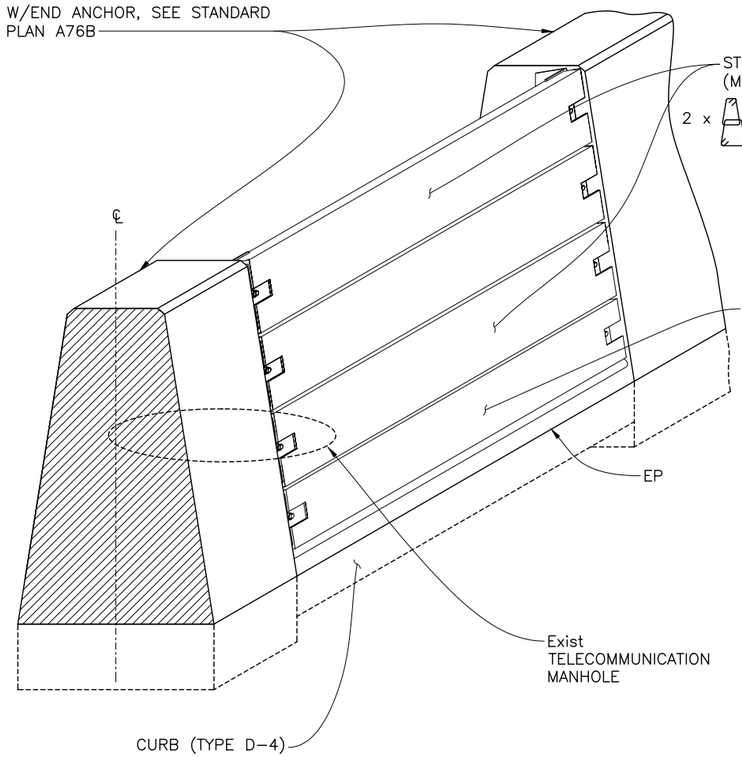
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

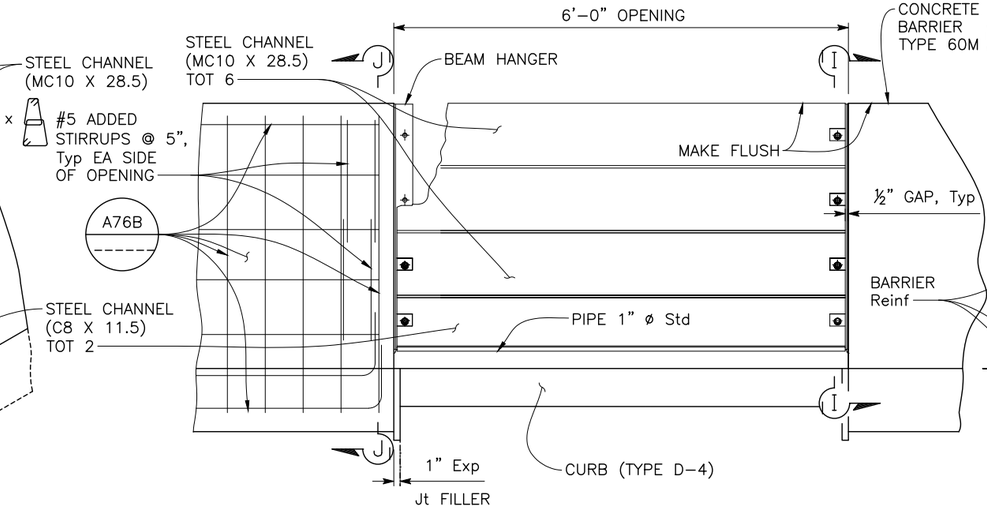
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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



PICTORIAL VIEW
NO SCALE



SECTION J-J
1" = 1'-0"

ELEVATION
1" = 1'-0"

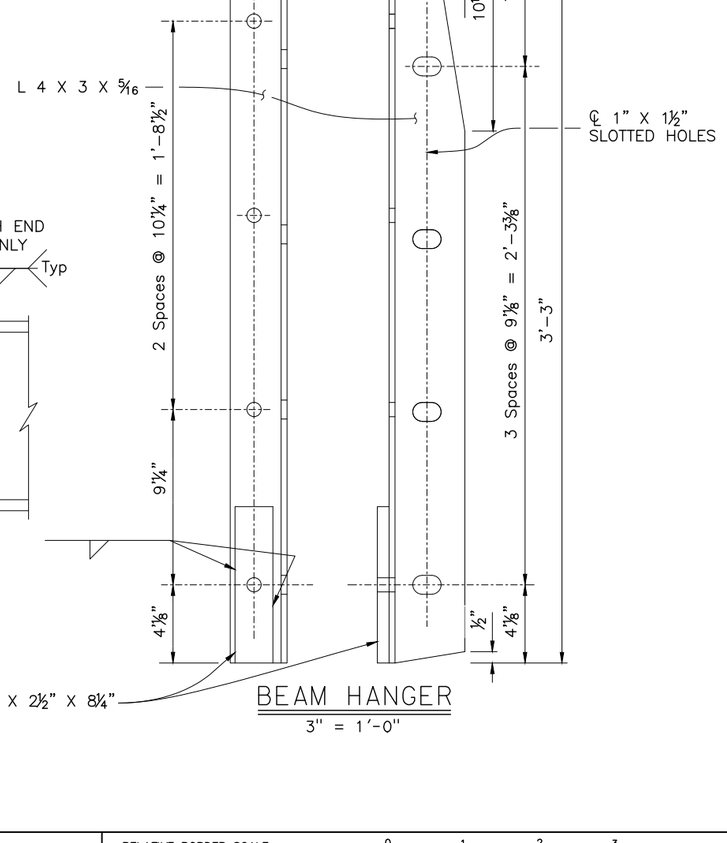
NOTES:
1. For details not shown see Standard Plan A76A and A76B

GENERAL NOTED LOAD AND RESISTANCE FACTOR DESIGN

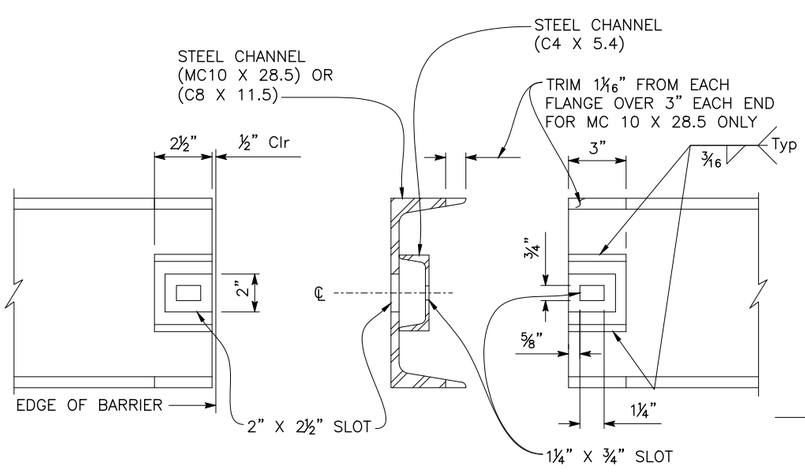
DESIGN:
AASHTO LRFD Bridge Design Specifications, 8th Edition 2017 with California Amendments April 2019

CONCRETE:
f_y = 50ksi f'_c = 2.5 ksi

STRUCTURAL STEEL:
f_y = 50ksi

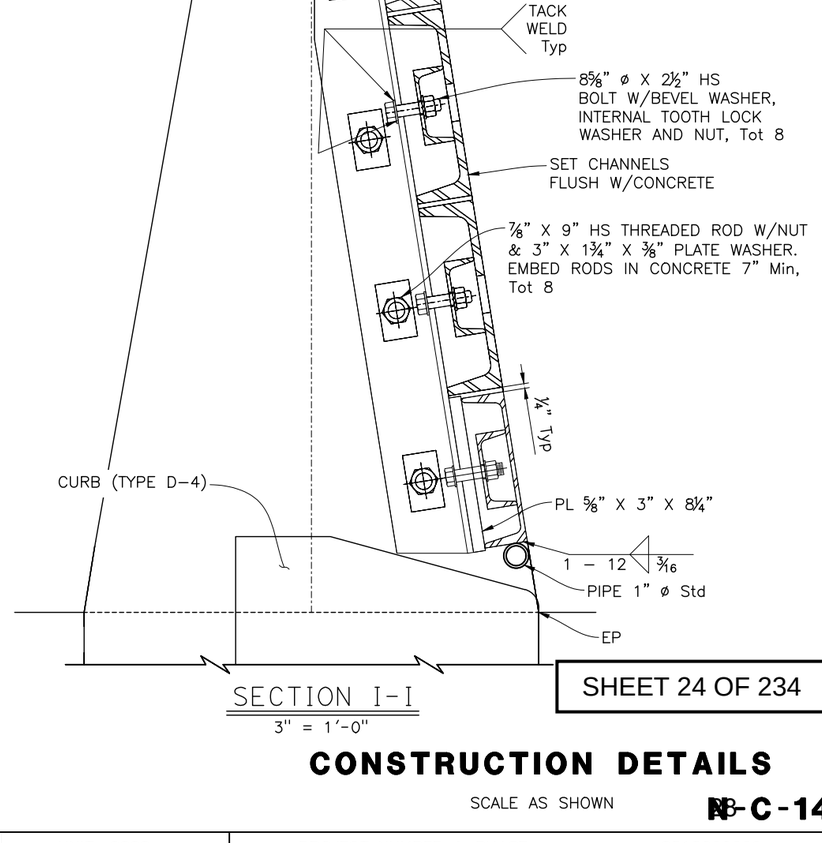


BEAM HANGER
3" = 1'-0"



OUTER VIEW — SECTION — INNER VIEW

SLOT DETAIL
3" = 1'-0"



SECTION I-I
3" = 1'-0"

SHEET 24 OF 234

CONSTRUCTION DETAILS

SCALE AS SHOWN

NB C-14

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:45 am

u:\18059 - sj creek bike path middle extent 2018-115 - ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C12-C14.dwg, 1/29/2024 11:45 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE-R-C12-C14.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	24	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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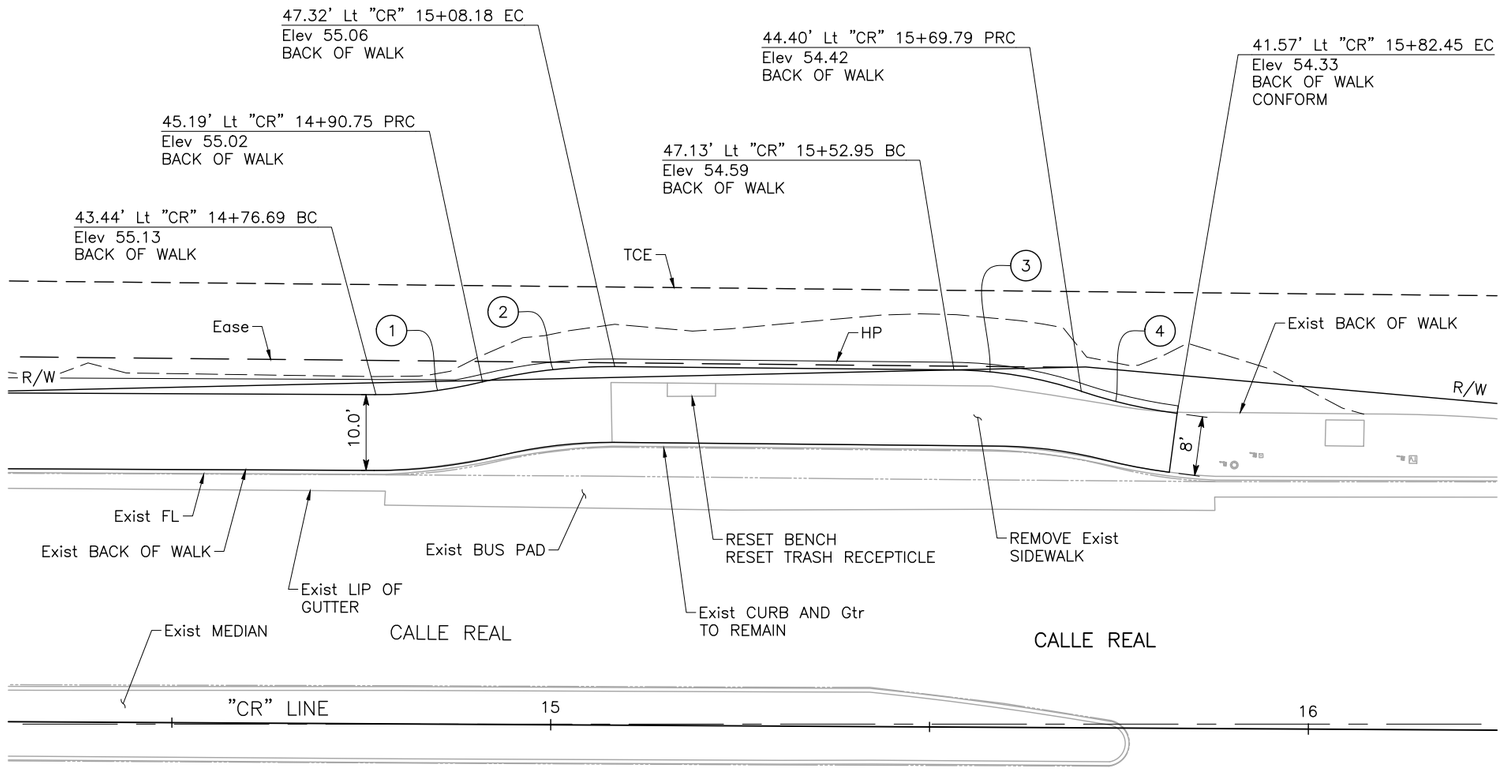
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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 AND CALTRANS OFFICES.
2. SEE TYPICAL SECTIONS FOR SIDEWALK STRUCTURAL SECTION INFORMATION.
3. SEE PLAN AND PROFILE SHEETS FOR SIDEWALK REMOVAL LOCATION.

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	55'	17°51'42"	8.64'	17.15'
4	68'	10°56'40"	6.51'	12.99'



SIDEWALK DETAIL

SCALE: 1"=10'

SHEET 25 OF 234

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-15

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		

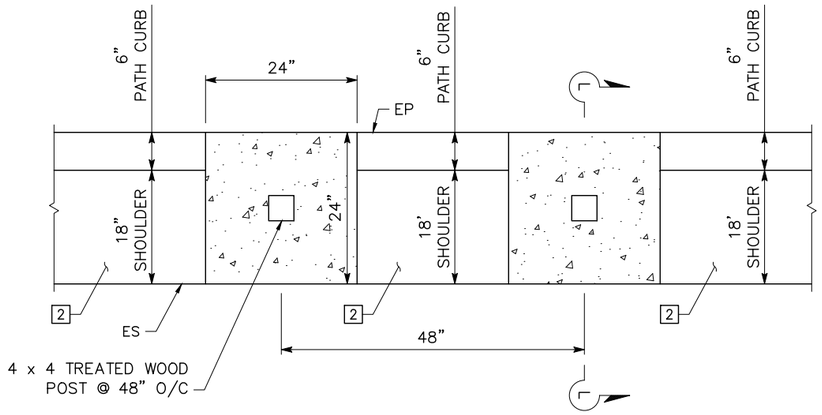
u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-C15-C17.dwg, 1/29/2024 11:46 AM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
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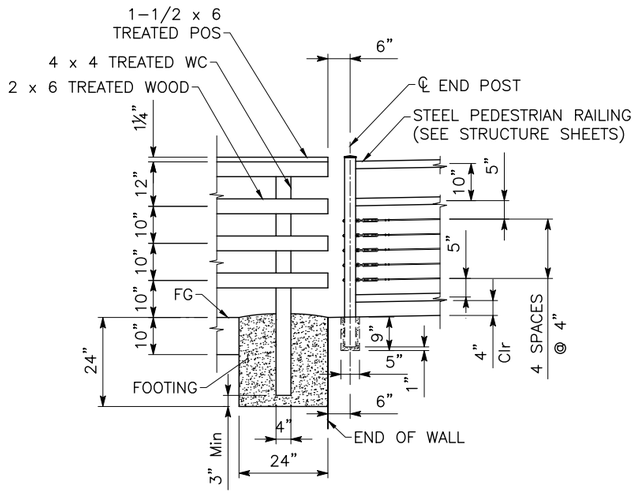
BORDER LAST REVISED 7/2/2010 | USERNAME =>aboyes | DGN FILE => NE-R-C15-C17.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

LEGEND:

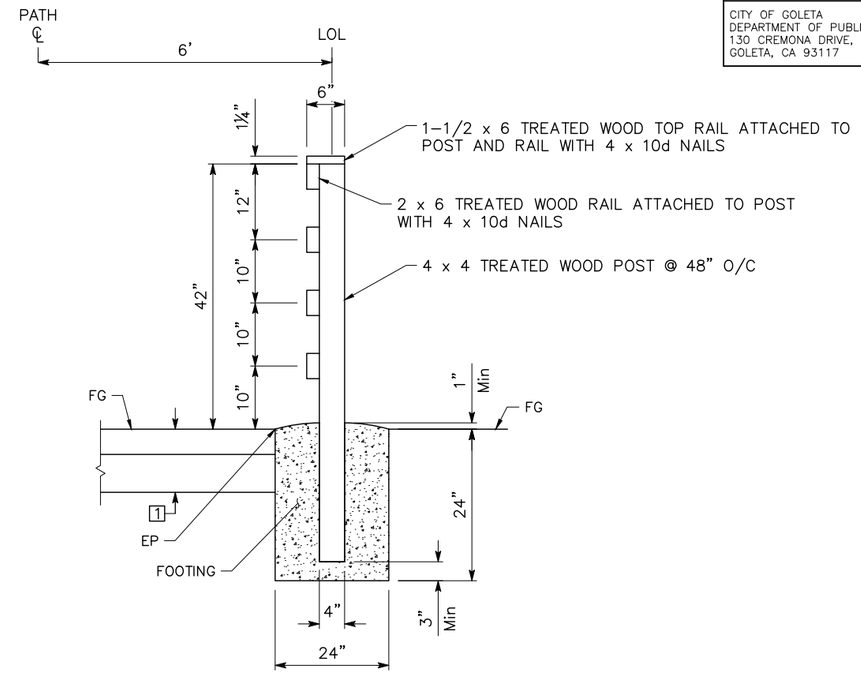
[X] PAVEMENT STRUCTURAL SECTION
SEE SHEET (N–X–1)



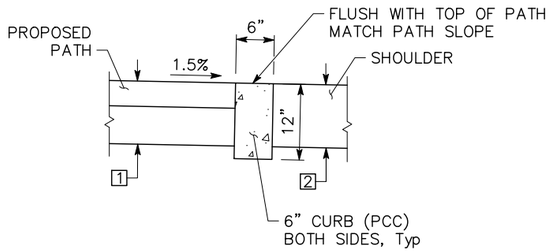
WOOD RAIL FENCE
NO SCALE



WOOD RAIL FENCE TO STEEL PEDESTRIAN RAILING TRANSITION
NO SCALE



SECTION L-L
NO SCALE



PATH CURB
NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	25	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1–15–24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3–31–24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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

SHEET 26 OF 234

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-16

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

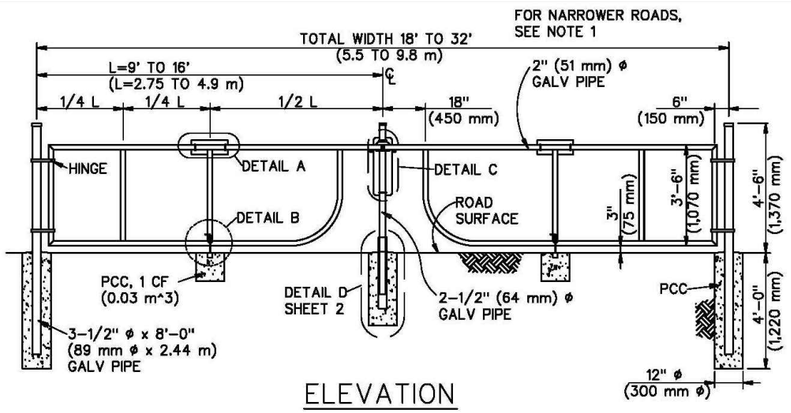
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

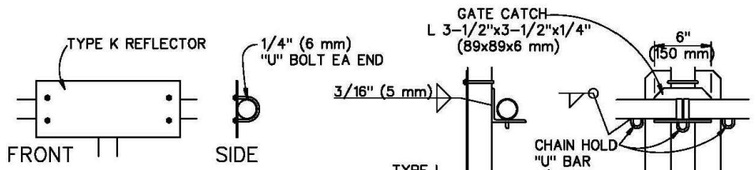
LAST REVISION 01–15–24
DATE PLOTTED => Jan 29, 2024
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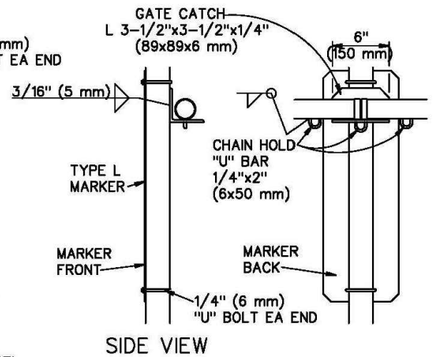
BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | DGN FILE => NE–R–C15–C17.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229



ELEVATION

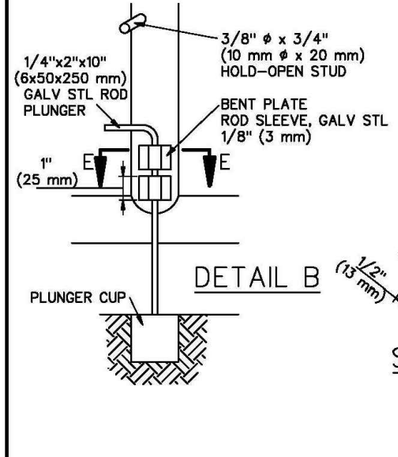


DETAIL A

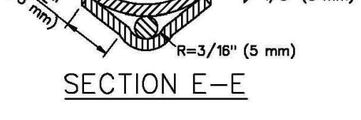


SIDE VIEW

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

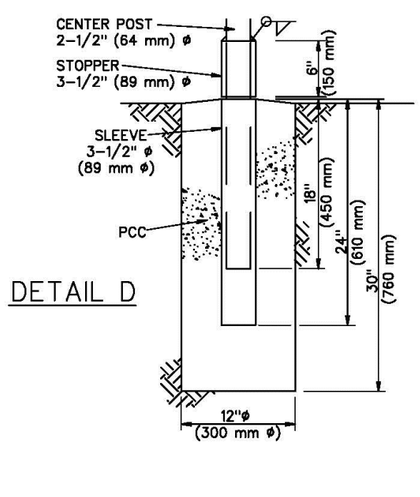
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN 602-4 SHEET 1 OF 2

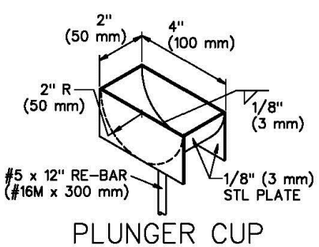
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NOTES:

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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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	26	75

Anthony J. Boyes — 1-15-24
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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

SHEET 27 OF 234

CONSTRUCTION DETAILS

SCALE AS SHOWN

N-C-17

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\NE-R-C15-C17.dwg, 1/29/2024 11:46 AM

LAST REVISION 01-15-24
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5	SB	101	21.6	27	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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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
	EA	LS	EA	LF	SQYD	LF
TOTAL	2	1	2	3700	4000	1460

SHEET 28 OF 234

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

N-WPCQ-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					

LAST REVISION 01-15-24
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5	SB	101	21.6	28	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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:

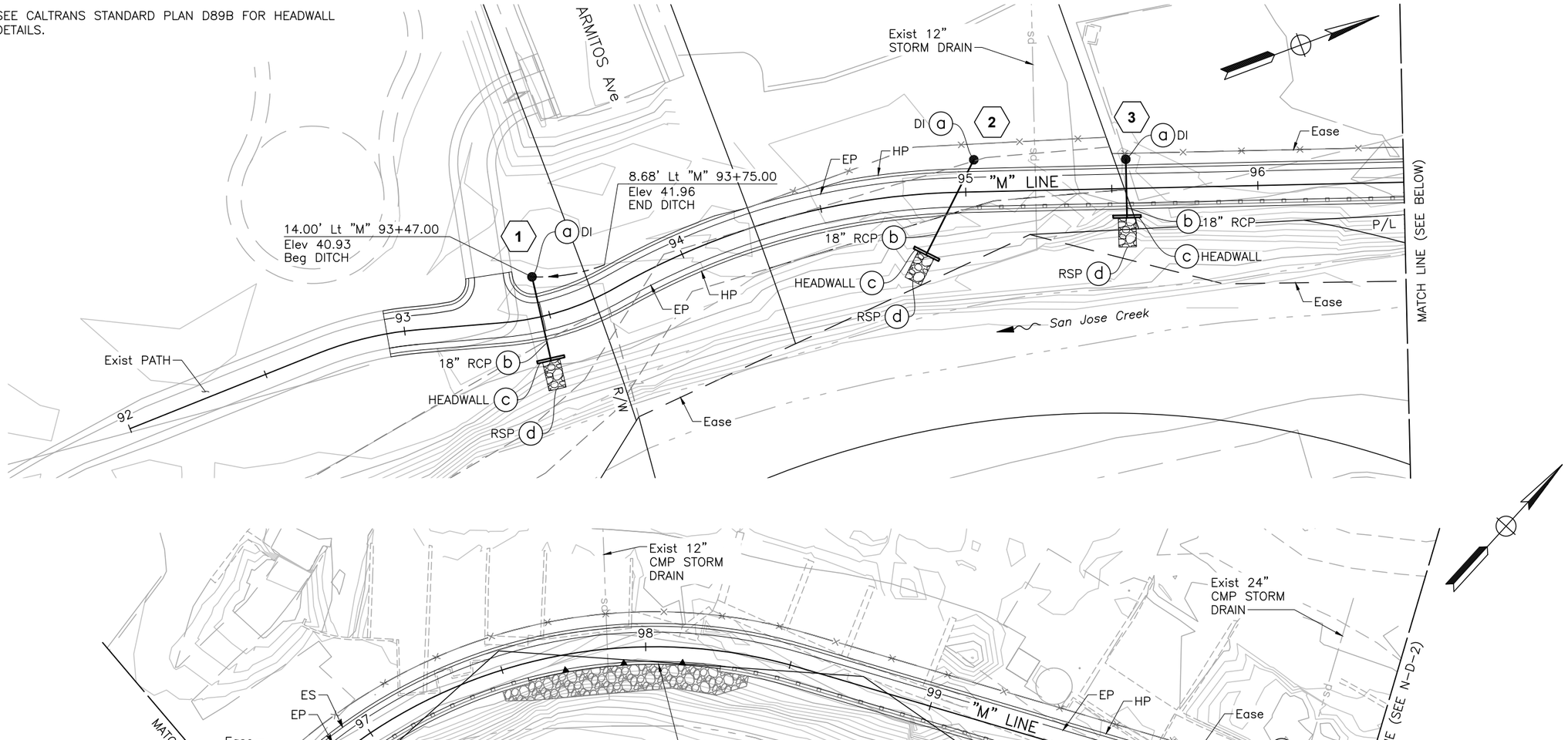
1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICE.
2. SEE UTILITY PLAN FOR UTILITY INFORMATION. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. SEE DRAINAGE PROFILES FOR DRAINAGE ITEM STATION AND OFFSET.
4. PROTECT 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



APPROVED FOR DRAINAGE WORK ONLY

SHEET 29 OF 234

DRAINAGE PLAN

SCALE: 1"=20'

33N-D-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

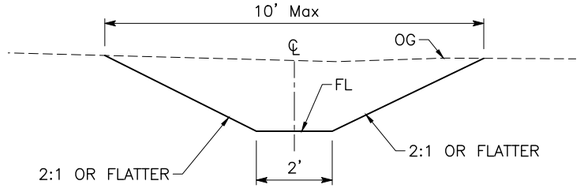
u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-D1-D3.dwg, 1/29/2024 11:46 AM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:46 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:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.



SECTION A-A
NO SCALE
"M" LINE 101+00.56

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	29	75

Anthony J. Boyes
REGISTERED CIVIL ENGINEER — 1-15-24 DATE

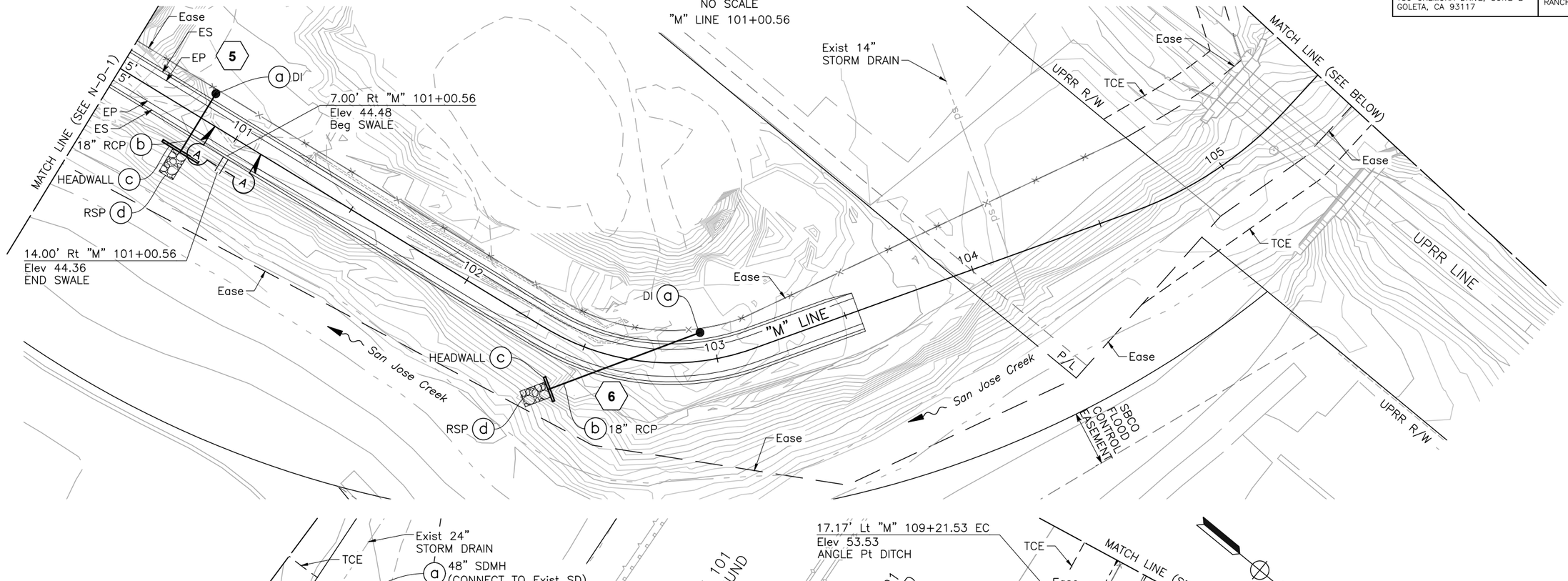
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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 30 OF 234

DRAINAGE PLAN

SCALE: 1"=20'

N-D-2

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:47 am

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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:

FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	30	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1–15–24 DATE

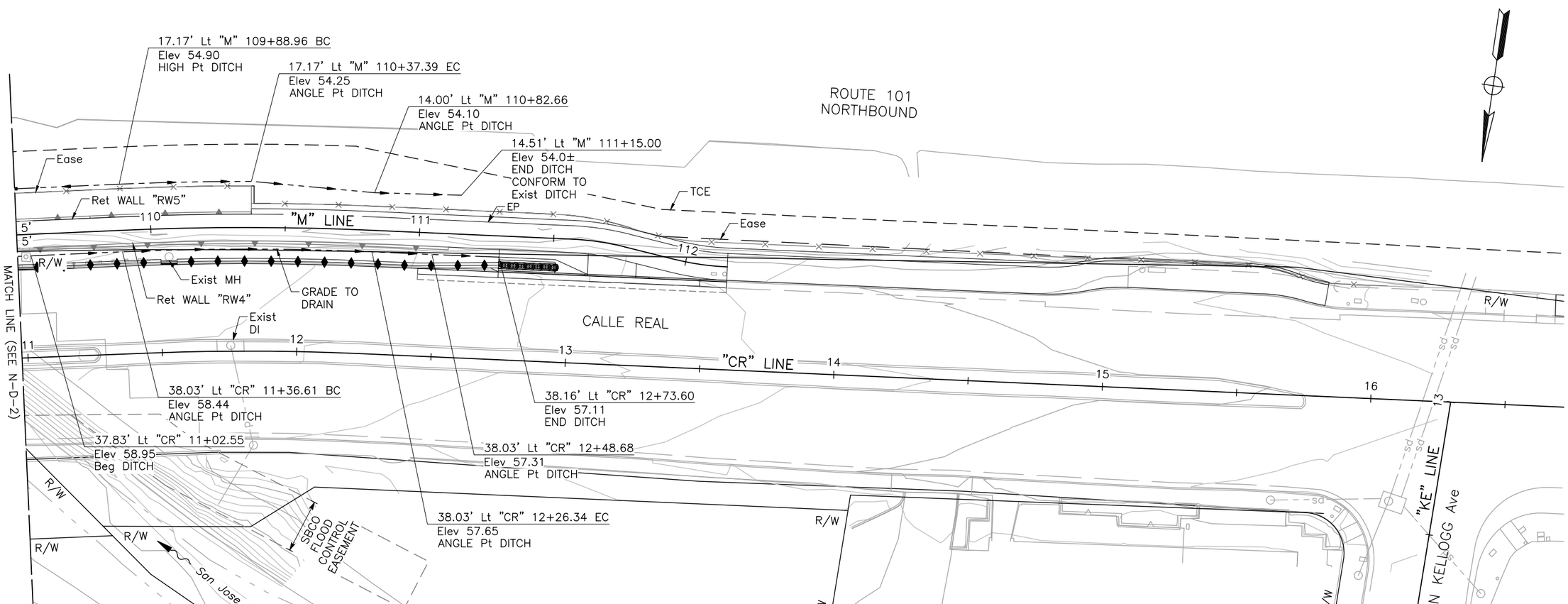
ANTHONY J. BOYES No. 82027 Exp. 3–31–24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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



SHEET 31 OF 234

DRAINAGE PLAN

SCALE: 1"=20'

3N-D-3

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 01–15–24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:47 am

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, 1/29/2024 11:47 AM

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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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	31	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

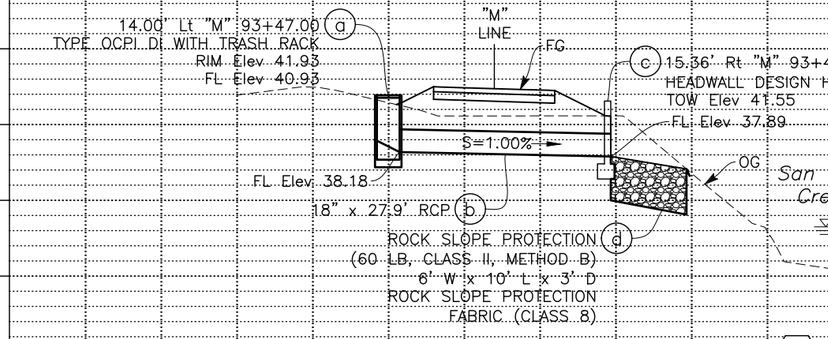
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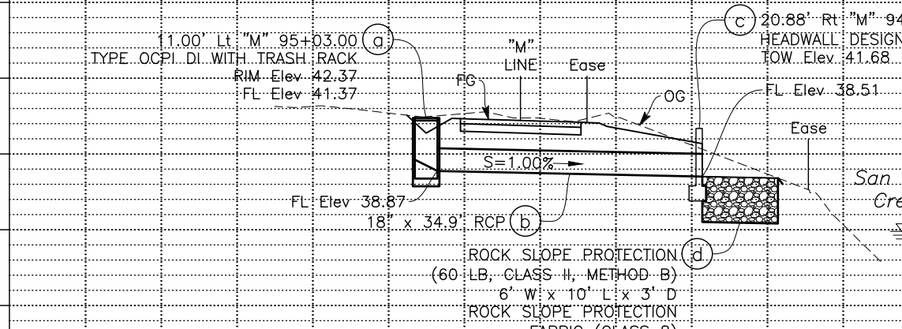
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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

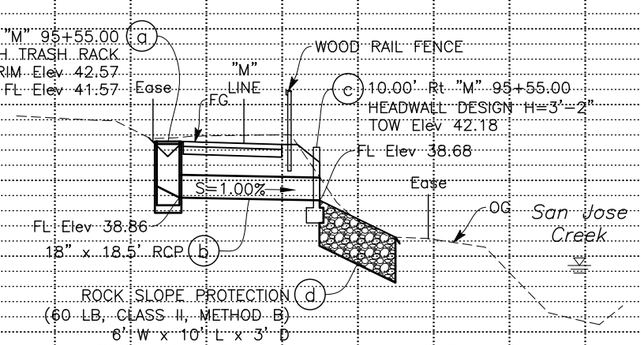
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



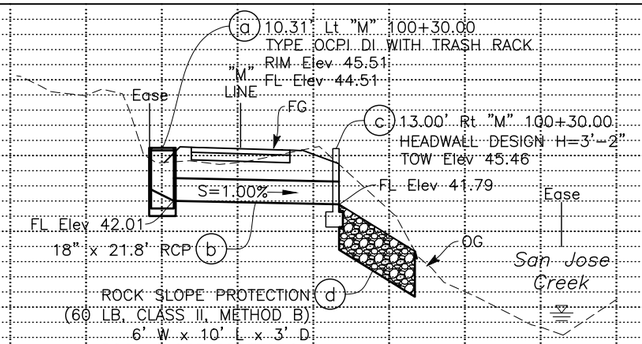
DRAINAGE SYSTEM NO. 1



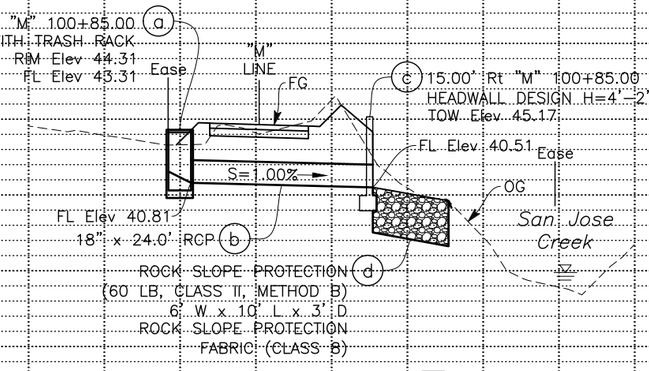
DRAINAGE SYSTEM NO. 2



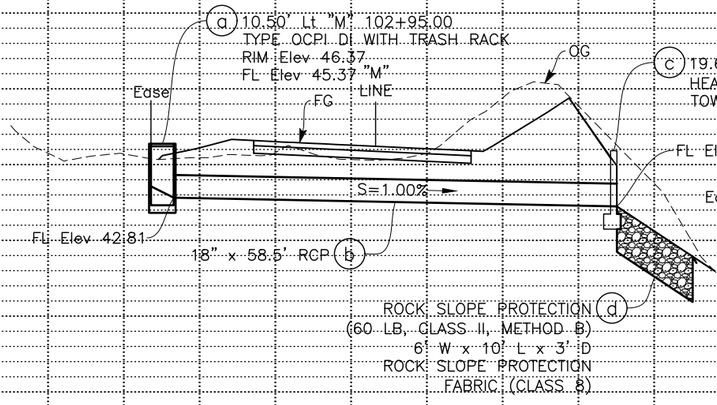
DRAINAGE SYSTEM NO. 3



DRAINAGE SYSTEM NO. 4



DRAINAGE SYSTEM NO. 5



DRAINAGE SYSTEM NO. 6

DRAINAGE PROFILES

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

SHEET 32 OF 234

N-DP-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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:47 am

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BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-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	101	21.6	32	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

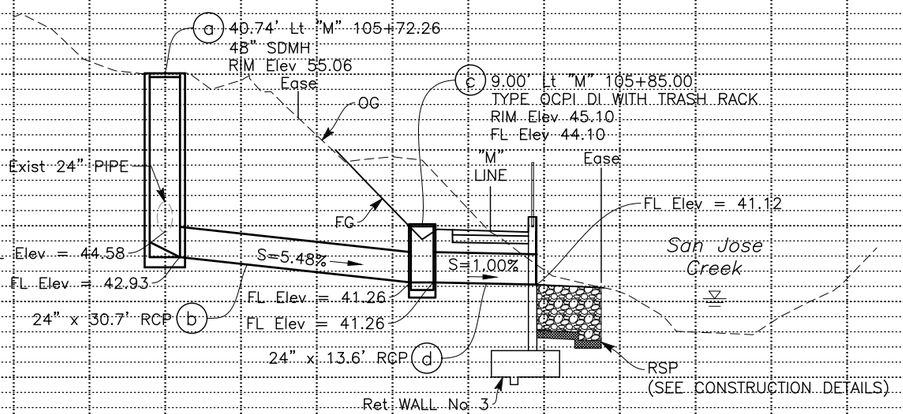
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

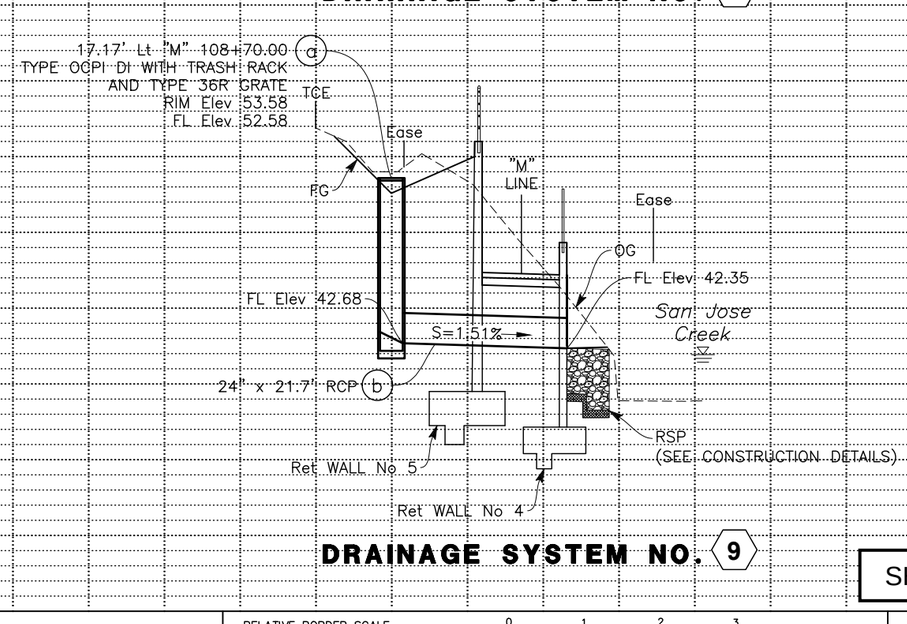
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



DRAINAGE SYSTEM NO. 8



DRAINAGE SYSTEM NO. 9

DRAINAGE PROFILES

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

N-DP7-2

SHEET 33 OF 234

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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USERNAME => aboyes
DGN FILE => NE-R-DP.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVE HEADWALL	REMOVE PIPE	48" SDMH	36" PRECAST CONCRETE PIPE INLET (TYPE OCPI DI)	18" RCP	24" RCP	STRUCTURAL CONCRETE (HEADWALL)	ROCK SLOPE PROTECTION (60 LB, CLASS II, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)
			EA	LF	LF	LF	LF	LF	CY	CY	SQYD
D-1	1	a				4.5					
		b					27.9				
		c							2.0		
		d								6.7	17.3
	2	a				4.3					
		b					34.9				
		c							2.0		
		d								6.7	17.3
	3	a				4.5					
		b					18.5				
		c							2.0		
		d								6.7	17.3
	4	a				4.3					
		b					21.8				
		c							2.0		
		d								6.7	17.3
D-2	5	a				4.3					
		b					24.0				
		c							4.5		
		d								6.7	17.3
	6	a				4.3					
		b					58.5				
		c							2.0		
		d								6.7	17.3
	8	a			12.9						
		b						30.7			
		c				4.6					
		d						13.6			
		e	1								
		f		38.3							
	9	a				11.7					
		b						21.7			
TOTAL			1	38.3	12.9	42.5	185.6	66.0	14.5	40.2	104.0

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	33	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES — REGISTERED PROFESSIONAL ENGINEER — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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

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

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-DQ.dwg, 1/29/2024 11:47 AM

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:47 am
LAST REVISION 01-15-24

SHEET 34 OF 234

DRAINAGE QUANTITIES

NE-DQ-1

BORDER LAST REVISED 7/2/2010 | USERNAME => aboyes | 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	34	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. EXISTING UTILITIES TO BE FIELD VERIFIED.
3. SEE DRAINAGE PLAN FOR ADDITIONAL STORM DRAIN INFORMATION.
4. UTILITY OWNERSHIP:

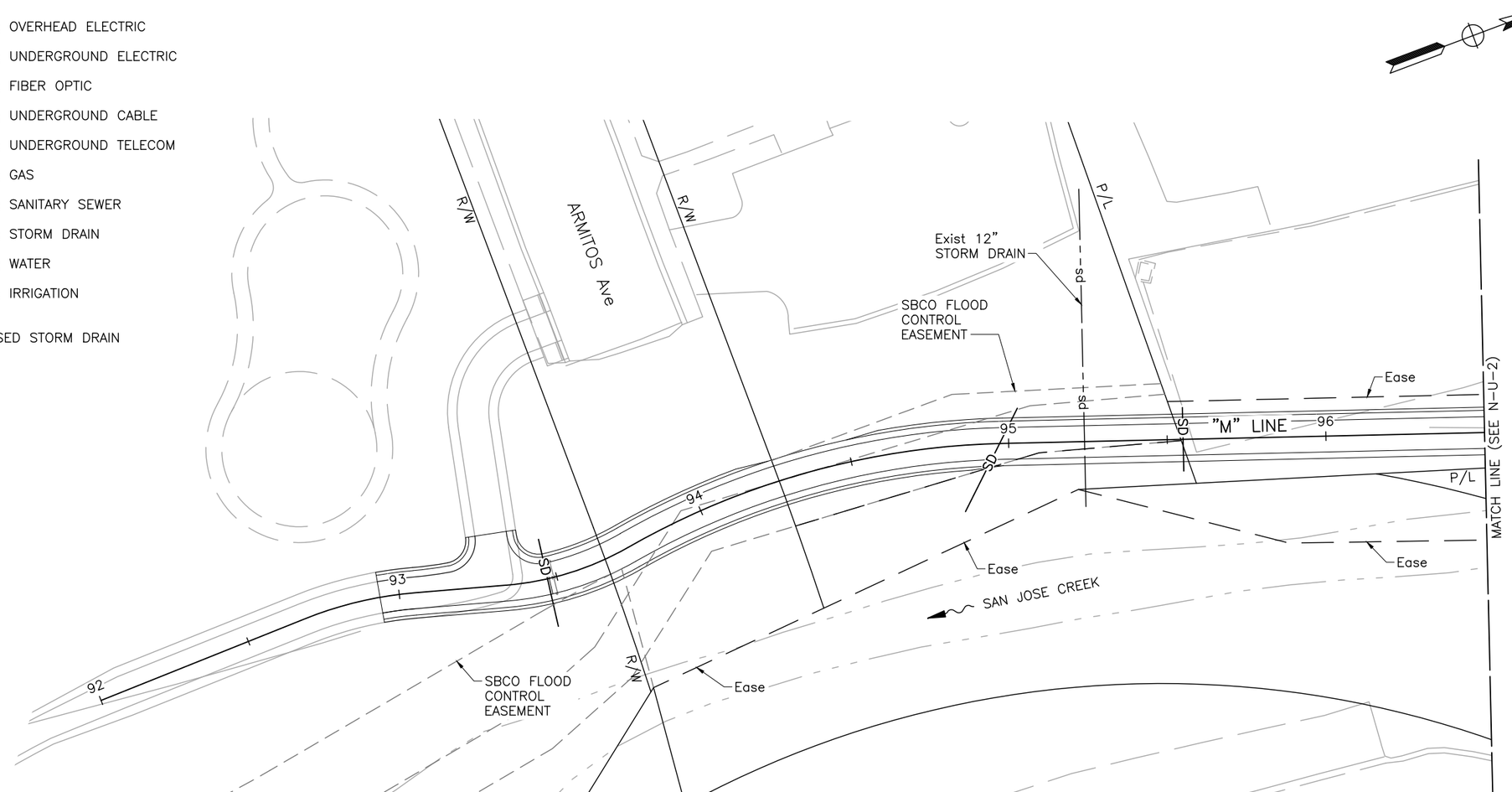
   ELECTRICAL: SOUTHERN CALIFORNIA EDISON (SCE)
   FIBER OPTIC: COX COMMUNICATIONS, FRONTIER COMMUNICATIONS
   TELECOM: FRONTIER COMMUNICATIONS
   GAS: SOUTHERN CALIFORNIA GAS (SCG)
   SANITARY SEWER: CITY OF GOLETA (CITY)
   STORM DRAIN: CALTRANS (CT), CITY OF GOLETA (CITY)
   WATER: CITY OF GOLETA (CITY)
   IRRIGATION: CALTRANS (CT)

UTILITY CONTACT INFORMATION

SOUTHERN CALIFORNIA ELECTRIC	GEORGE PEREZ	(720) 888-3813	GEORGE.PEREZ@SCE.COM
COX - CABLE/FIBER OPTIC	JOSEPH ANGEL	(805) 896-9014	JOSEPH.ANGEL@COX.COM
FRONTIER - TELECOM/FIBER OPTIC	LAD KUZELA	(916) 390-7937	LADISLAV.J.KUZELA@FTR.COM
SOUTHERN CALIFORNIA GAS	KARL MONTELEONE	(805) 681-7945	KMONTELEONE@SOCALGAS.COM
GOLETA SANITARY - SEWER	LUIS ASTORGA	(805) 967-4519	LASTORGA@GOLETASANITARY.ORG
GOLETA WATER	BENJAMIN SCHMIDT	(805) 879-4623	BSCHNIDT@GOLETAWATER.COM

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



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 35 OF 234

UTILITY PLAN

SCALE: 1"=20'

39 N-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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
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NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	35	75

Anthony J. Boyes — 1-15-24
REGISTERED CIVIL ENGINEER — DATE

ANTHONY J. BOYES
No. 82027
Exp. 3-31-24
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

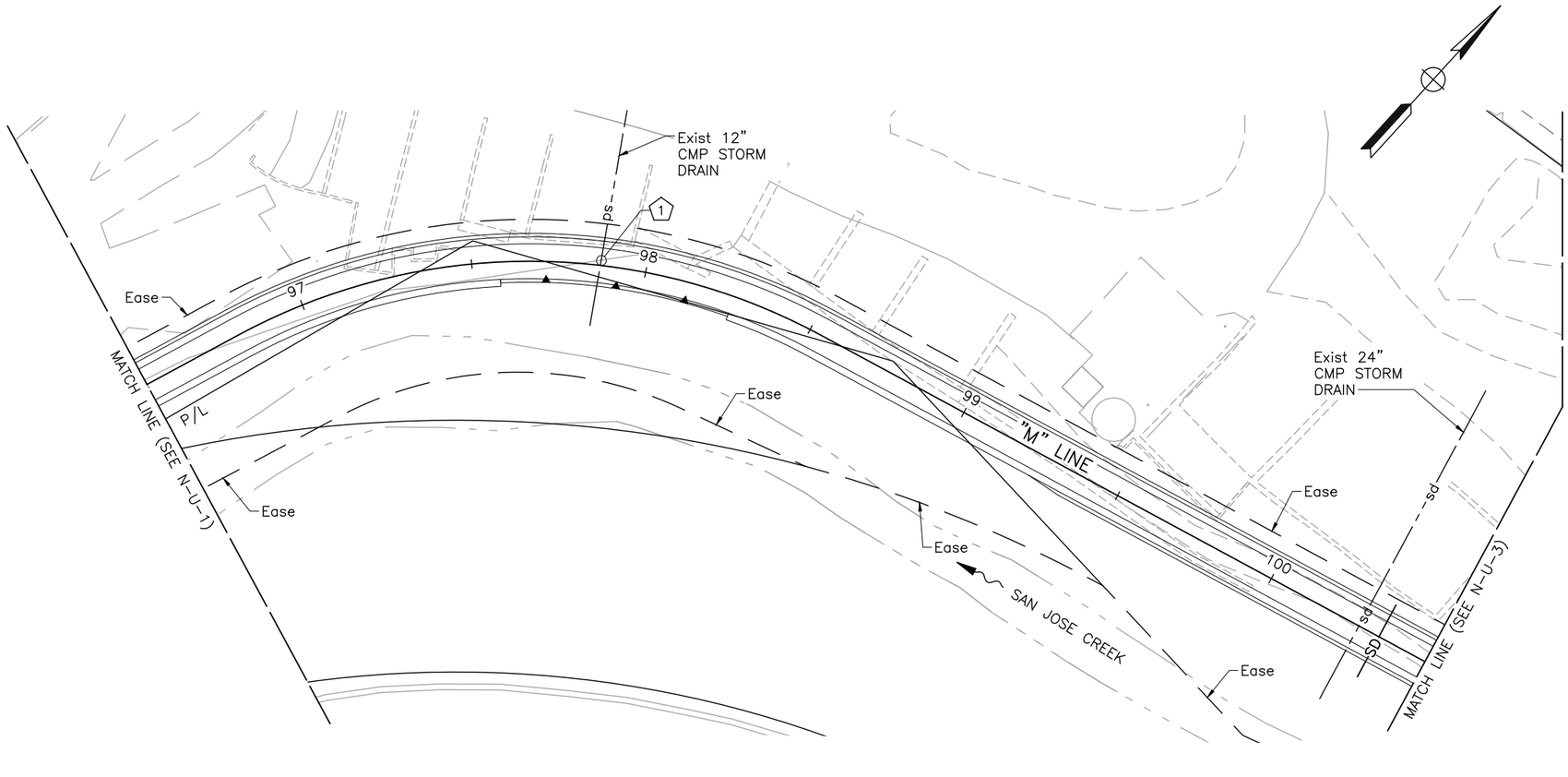
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

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 36 OF 234

UTILITY PLAN

SCALE: 1"=20'

40 N-U-2

REVISED BY	DATE REVISED

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

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

LAST REVISION 01-15-24
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NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	36	75

Anthony J. Boyes — 1-15-24
REGISTERED CIVIL ENGINEER — DATE

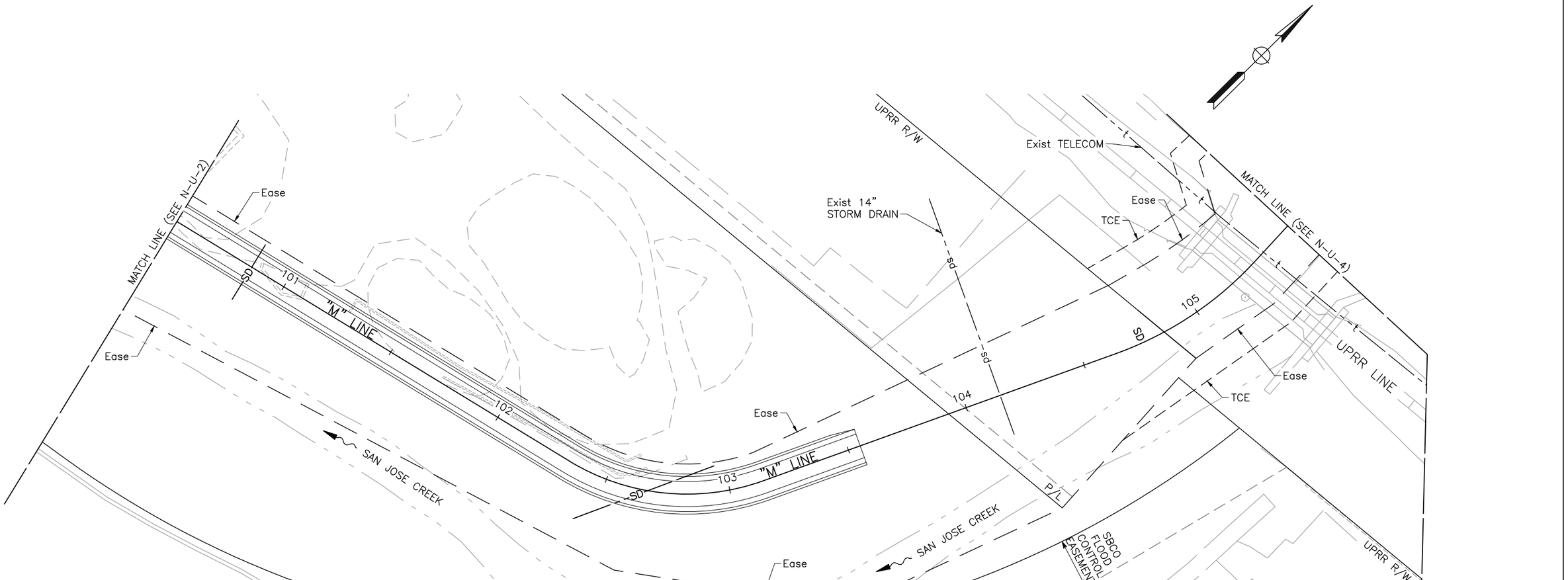
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

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



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 37 OF 234

UTILITY PLAN

SCALE: 1"=20'

4N-U-3

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED–DESIGNED BY	REVISED BY	LAST REVISION	DATE PLOTTED => Jan 29, 2024
	JOSE SILVA	CHECKED BY	DATE REVISED	01–15–24	TIME PLOTTED => 11:47 am
		A. BOYES			
		J. SILVA			

u:\18059 – sj creek bike path middle extent 2018–115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE–R–U1–U5.dwg, 1/29/2024 11:47 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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. SEE ELECTRICAL PLAN FOR STREET LIGHT AND PULL BOX MODIFICATIONS.

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
2	CITY OF GOLETA	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	CITY OF GOLETA	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	37	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

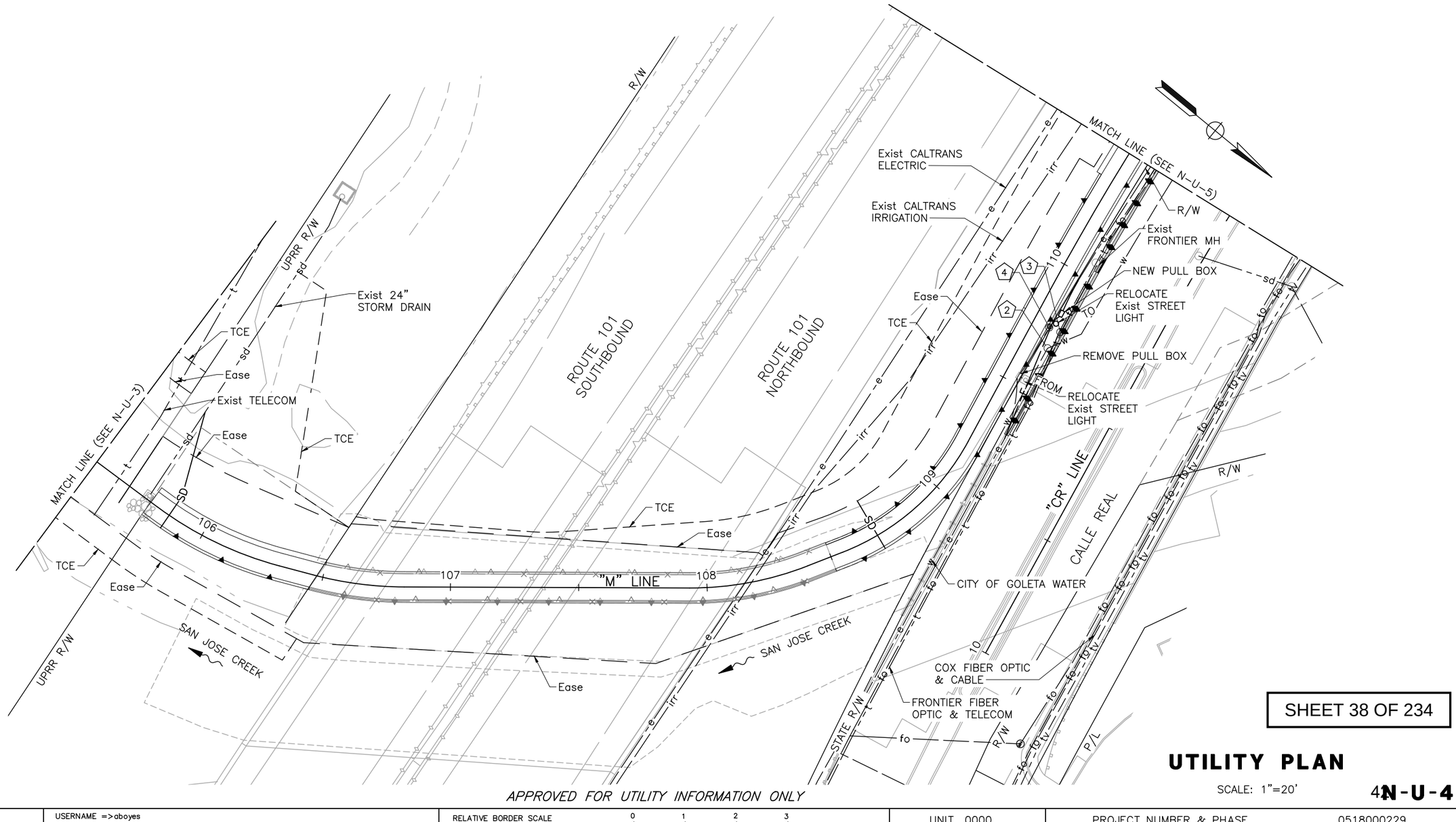
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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 38 OF 234

UTILITY PLAN

SCALE: 1"=20'

4N-U-4

APPROVED FOR UTILITY INFORMATION 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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:48 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-U1-U5.dwg, 1/29/2024 11:48 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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	38	75

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. SEE ELECTRICAL PLAN FOR STREET LIGHT AND PULL BOX MODIFICATIONS.

POSITIVE LOCATION INFORMATION

No. ⬠	OWNER	UTILITY	DEPTH	METHOD	REMARKS
5	CITY OF GOLETA	(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	CITY OF GOLETA	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	CITY OF GOLETA	2" CONDUIT ELECTRIC	2.36'	TEST HOLE	3.4' NORTH OF FACE OF CURB, 12.8' WEST OF WATER VALVE

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1–15–24 DATE

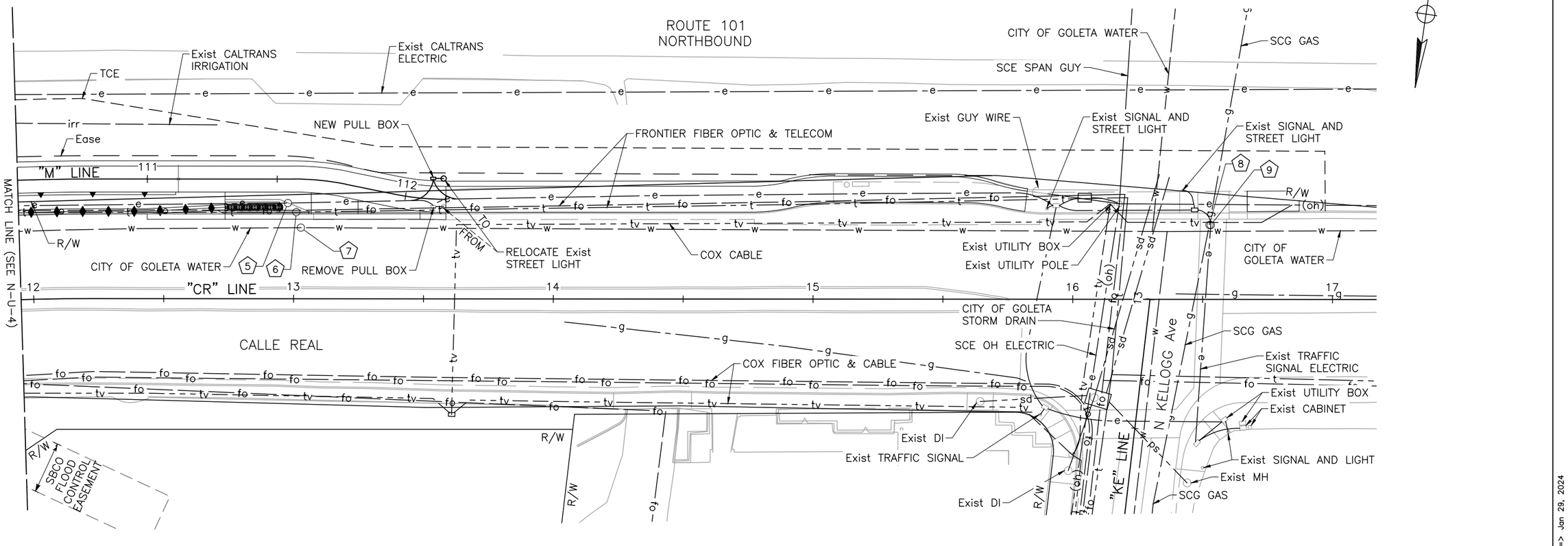
REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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



SHEET 39 OF 234

UTILITY PLAN

SCALE: 1"=20'

43 N-U-5

APPROVED FOR UTILITY INFORMATION ONLY

u:\18059 – sj creek bike path middle extent 2018–115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE–R–U1–U5.dwg, 1/29/2024 11:48 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 01–15–24 | DATE PLOTTED => Jan 29, 2024 | TIME PLOTTED => 11:48 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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	39	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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

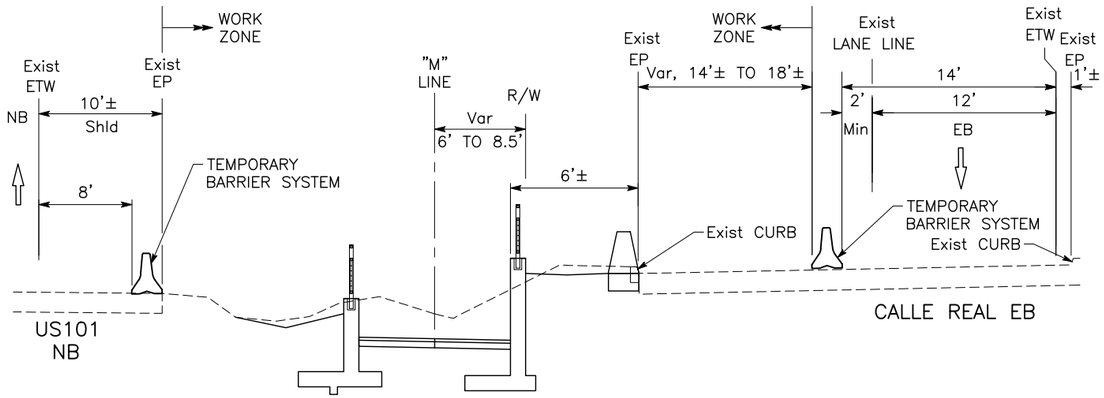
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE COUNTY AND CALTRANS OFFICES.
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.

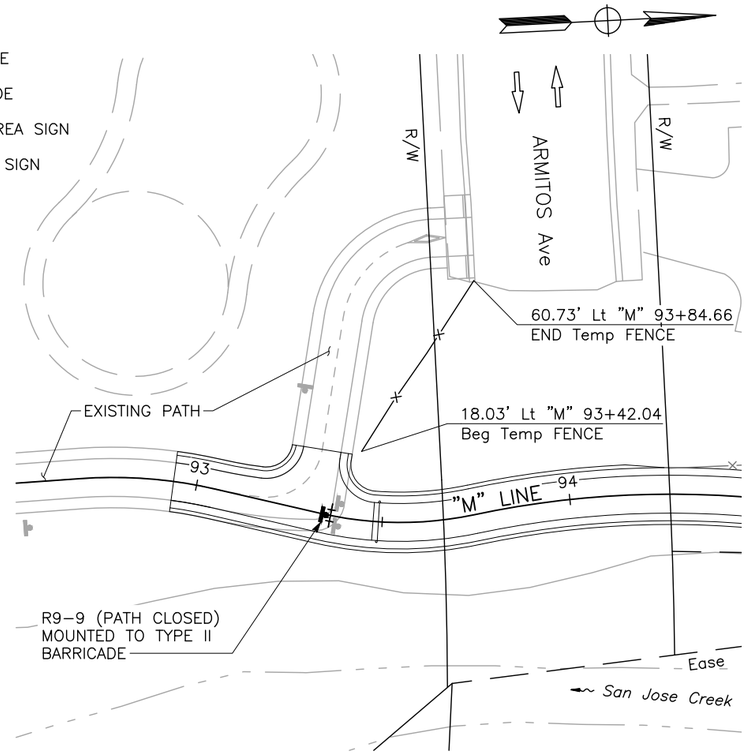
LEGEND:

- DIRECTION OF TRAFFIC FLOW
- TEMPORARY FENCE (TYPE CL-6)
- TEMPORARY BARRIER SYSTEM
- I — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- • • • CHANNELIZER (SURFACE MOUNTED)
- TEMPORARY CRASH CUSHION
- ‡ TYPE II BARRICADE
- ‡ TYPE III BARRICADE
- CONSTRUCTION AREA SIGN
- FLASHING ARROW SIGN



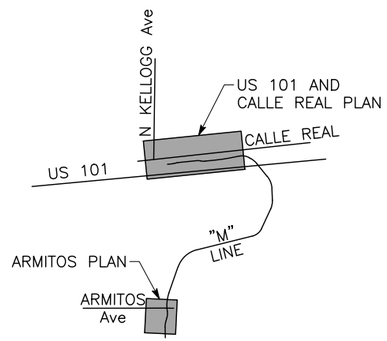
SECTION A-A

NO SCALE

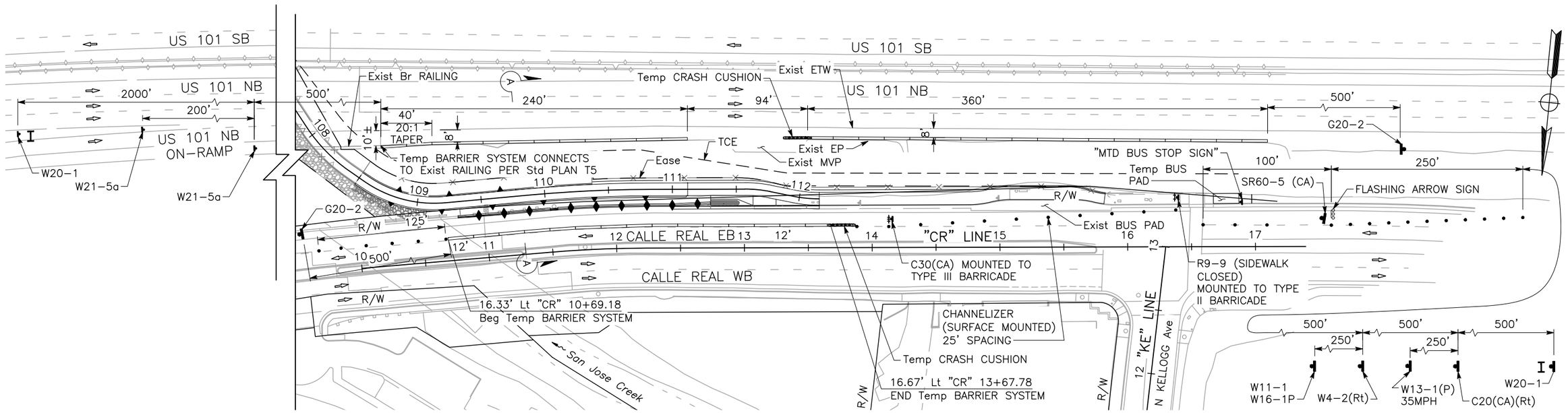


ARMITOS AVENUE

SCALE: 1"= 20'



KEYMAP
NO SCALE



US 101 AND CALLE REAL

SCALE: 1"= 40'

APPROVED FOR TRAFFIC HANDLING WORK ONLY

SHEET 40 OF 234

TRAFFIC HANDLING PLAN

SCALE AS SHOWN

N-TH-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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:48 am

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BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-TH.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	40	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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 BARRIER SYSTEM

SHEET NO.	LOCATION	LF
N-TH-1	ALONG CALLE REAL EB	300
	ALONG US 101 NB	600
	TOTAL	900

TEMPORARY CRASH CUSHION

SHEET NO.	EA
N-TH-1	2
TOTAL	2

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	2	1	1	55	31
TOTAL	2	1	1	55	31

TEMPORARY SIGN QUANTITIES

SHEET No.	CODE	SIGN PANEL SIZE INCHES	No. OF SIGNS	No. OF POSTS AND SIZE	SIGN MESSAGE	MEMO
N-TH-1	C20(CA)(Rt)	36x36	1	1 - 6" x 6"	Rt LANE CLOSED AHEAD	
	C30(CA)	36x36	1	MOUNTED ON TYPE III BARRICADE	LANE CLOSED	
	W20-1	36x36	1	1 - 6" x 6"	ROAD WORK AHEAD	ALONG CALLE REAL
		48x48	1	1 - 6" x 6"		ALONG US 101
	G20-2	36x18	1	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	1	MOUNTED ON TYPE II BARRICADE	SIDEWALK CLOSED	
			1		PATH CLOSED	
	W4-2(Rt)	36x36	1	1 - 6" x 6"	LANE DROP	
	W11-1	30x30	1	1 - 6" x 6"	BICYCLE	
	W16-1P	24x18	1	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			

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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TRAFFIC HANDLING QUANTITIES
N-TH-1

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	41	75

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, SEE RIGHT–OF–WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.
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 STRIPING AND 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.

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
- DRAINAGE INLET MARKER
- OBJECT MARKER (TYPE P)
- (XX-XX) ROADSIDE SIGN NUMBER
- NEW ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE ROADSIDE SIGN

REGISTERED CIVIL ENGINEER — 1–15–24 DATE

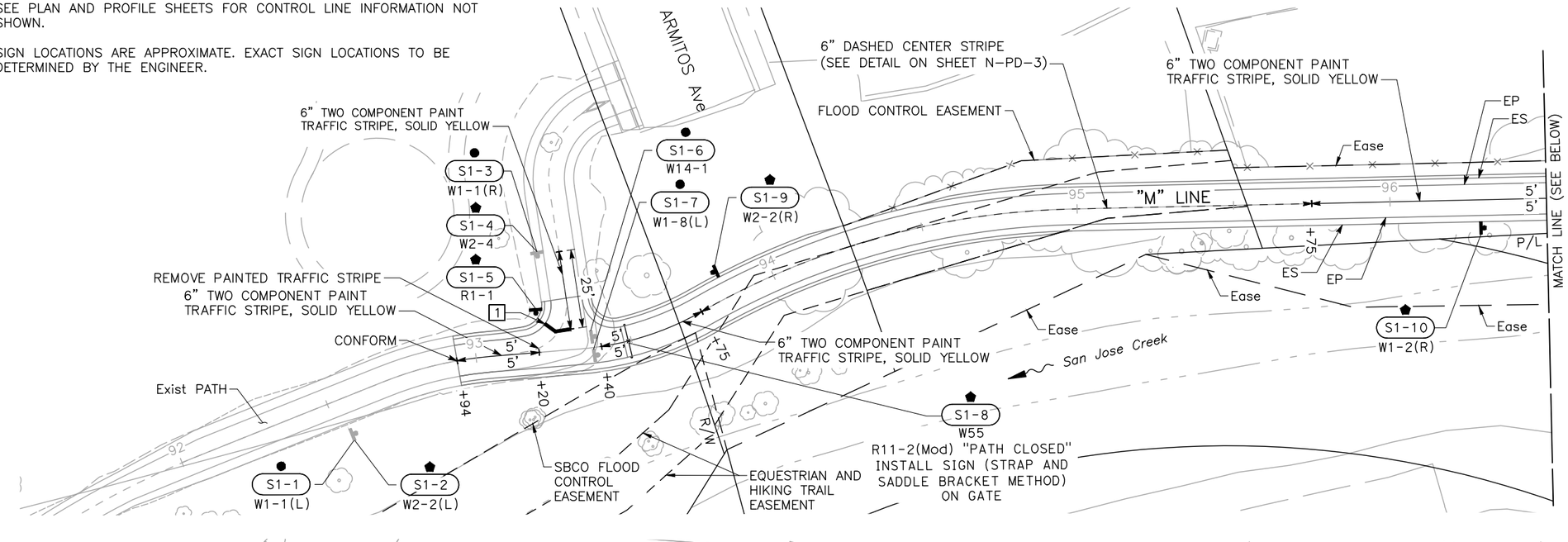
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3–31–24 — 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



R11–2(Mod)

PATH CLOSED

SIGN DETAIL
NO SCALE

PAVEMENT DELINEATION AND SIGN PLAN
SCALE: 1"=20'

SHEET 42 OF 234

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

N–PD–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

LAST REVISION 01–15–24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:49 am

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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	42	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

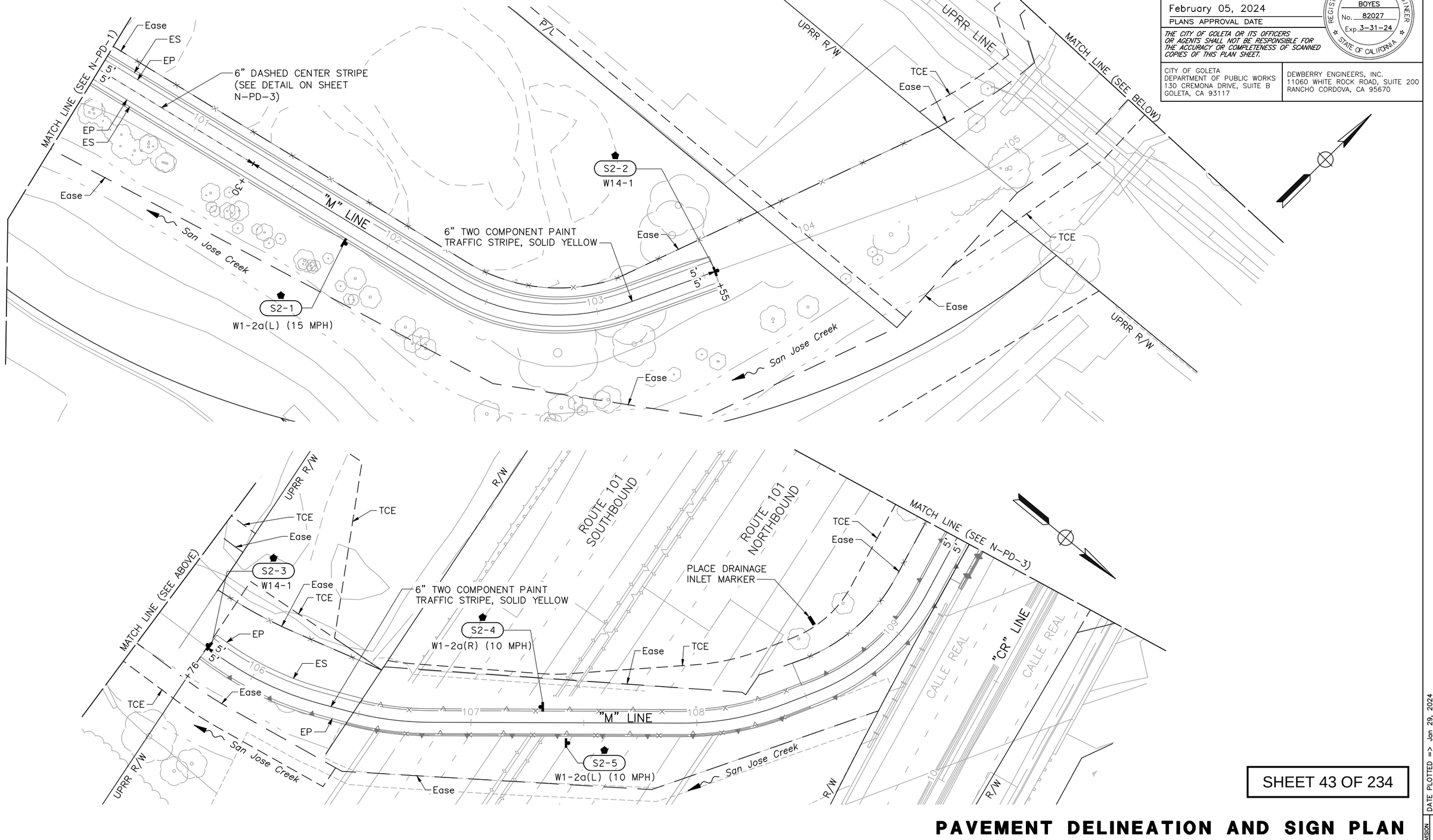
ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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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



SHEET 43 OF 234

PAVEMENT DELINEATION AND SIGN PLAN

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

SCALE: 1"=20'

N-PD-2

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

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-PD1-PD3.dwg, 1/29/2024 11:49 AM

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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, SEE RIGHT-OF-WAY RECORD MAPS AT THE CITY AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	43	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

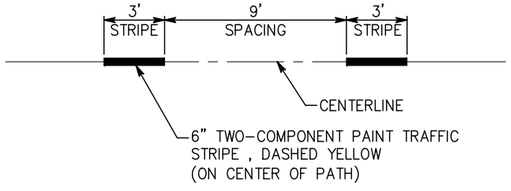
February 05, 2024
PLANS APPROVAL DATE

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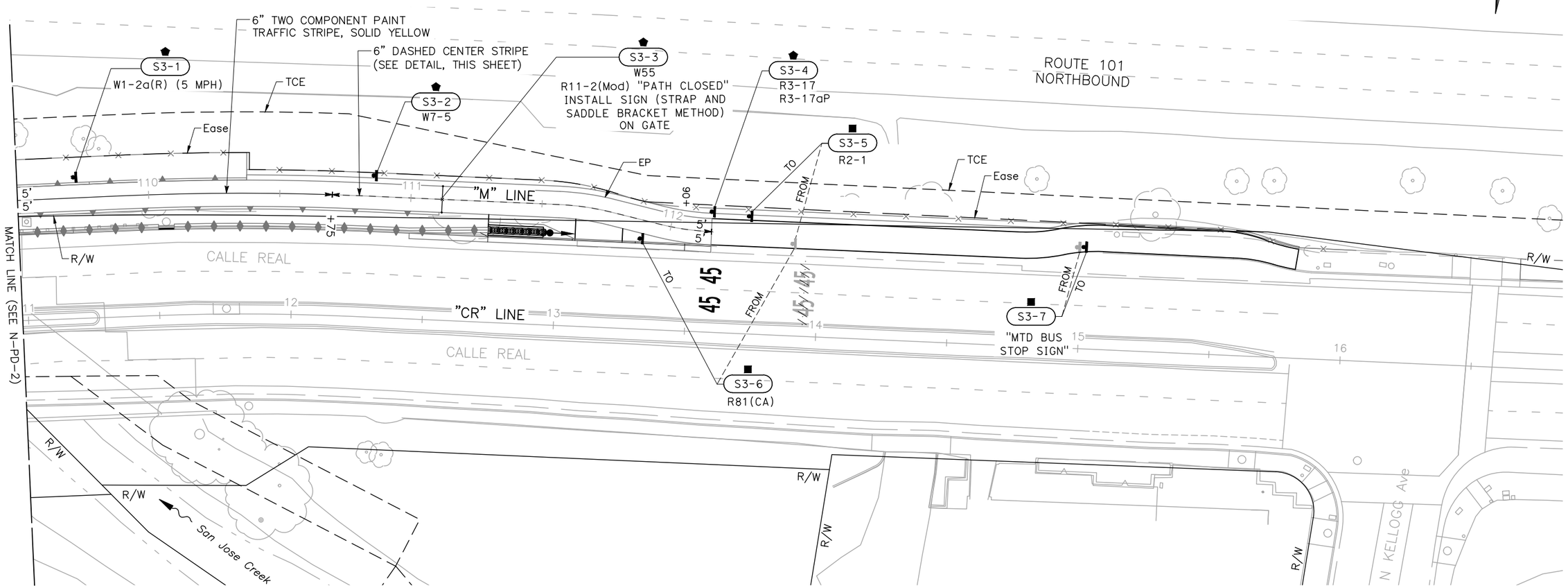
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PATH CENTER STRIPE DETAIL
NO SCALE



SHEET 44 OF 234

PAVEMENT DELINEATION AND SIGN PLAN

SCALE: 1"=20'

N&PD-3

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

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 01-15-24
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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	44	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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

PAVEMENT DELINEATION QUANTITIES

SHEET No.	6" TWO-COMPONENT PAINT TRAFFIC STRIPE, YELLOW	REMOVE PAINTED TRAFFIC STRIPE	THERMOPLASTIC PAVEMENT MARKING, WHITE	REMOVE THERMOPLASTIC PAVEMENT MARKING	DESCRIPTION/COMMENTS
	LF	LF	SQFT	SQFT	
N-PD-1	761	61	–	–	–
N-PD-1	–	–	10	–	1' LIMIT LINE AT "TEE" INTERSECTION
N-PD-2	679	–	–	–	–
N-PD-3	266	–	–	–	–
N-PD-3	–	–	44	44	(2) 45 MPH MARKINGS ON CALLE REAL
TOTAL	1706	61	54	44	–

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	–	–	SIGN REPLACED BY S1-2
	S1-2	W2-2(L)	18" X 18"	–	–	1	–	–	–	–	T INTERSECTION (LEFT TURN)
	S1-3	W1-1(R)	18" X 18"	–	–	–	–	1	–	–	SIGN REPLACED BY S1-4
	S1-4	W2-4	18" X 18"	–	–	1	–	–	–	–	T INTERSECTION
	S1-5	R1-1	18" X 18"	–	–	–	–	–	–	–	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	W1-2(R)	18" X 18"	1	–	1	–	–	–	–	RIGHT CURVE
	S1-11	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	R3-17	18" X 24"	1	–	1	–	–	–	–	BIKE LANE
		R3-17aP	8" X 24"	–	–	–	–	–	–	–	AHEAD (MOUNTED WITH R3-17)
	S3-5	R2-1	18" X 18"	–	–	–	–	–	1	–	–
	S3-6	R81 (CA)	18" X 18"	–	–	–	–	–	1	–	Exist BUS SIGN
	S3-7	"MTD BUS STOP SIGN"	18" X 12"	–	–	–	–	–	1	–	"MTD BUS STOP SIGN"
					TOTAL	13	4	4	3	150	–

SHEET 45 OF 234

PAVEMENT DELINEATION AND SIGN QUANTITIES

N-PDQ-1

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:49 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-PDQ1-PDQ2.dwg, 1/29/2024 11:49 AM

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	45	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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

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
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	W1-2(R)	RIGHT CURVE	18" X 18"	2.25	YELLOW	BLACK	2.25	–	2.25
	S1-11	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	R3-17	BIKE LANE	18" X 24"	3.00	YELLOW	BLACK	3.00	–	3.00
		R3-17aP	AHEAD	8" X 24"	1.33	WHITE	BLACK	1.33	–	1.33
	S3-5	R2-1	–	18" X 18"	–	–	–	–	–	–
	S3-6	R81 (CA)	Exist BUS SIGN	18" X 18"	–	–	–	–	–	–
	S3-7	"MTD BUS STOP SIGN"	"MTD BUS STOP SIGN"	18" X 12"	–	–	–	–	–	–
							TOTAL	69.58	–	69.58

SHEET 46 OF 234

PAVEMENT DELINEATION AND SIGN QUANTITIES

N-5PDQ-2

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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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	46	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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 STRUCTURE QUANTITIES

STATION	SHEET No.	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE	3/4" CRUSHED ROCK	PERVIOUS CONCRETE PAVEMENT	DESCRIPTION/COMMENTS
		TON	CY	CY	CY	
"M" 92+93.86 TO 93+25.24	N-PP-1		2.3			SHOULDER
"M" 92+93.86 TO 93+47.57	N-PP-1		3.3			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			SHOULDER
"M" 93+47.57 TO 106+50.00	N-PP-1 TO N-PP-4		49.7			SHOULDER
"M" 93+47.57 TO 94+98.21	N-PP-1		6.9			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				201.3	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			SHOULDER
"M" 110+37.39 TO 112+15.61	N-PP-4 TO N-PP-5		12.8			SHOULDER
"M" 111+63.45 TO 111+83.30	N-PP-5		2.1			MAINTENANCE RAMP
"CR" 10+84.34 TO 10+94.36	N-PP-4		0.6			UNDER BARRIER
"CR" 10+94.36 TO 11+08.34	N-PP-4	2.0				UNDER BARRIER
"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	11.9				UNDER BARRIER
"CR" 12+43.61 TO 12+73.61	N-PP-5		4.5			UNDER BARRIER/CURB
"CR" 12+43.62 TO 13+58.67	N-PP-5	17.2				SAWCUT AREA
"CR" 12+73.61 TO 13+58.66	N-PP-5		4.1			C&G
"CR" 13+58.66 TO 15+82.45	N-PP-5		40.8			SIDEWALK
"CR" 16+67.13 TO 16+87.17	N-PP-5		2.9			BUS STOP
TOTAL		52.0	174.3	304.9	201.3	

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)
	CY	CY	CY
"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		9.0
"M" 108+50.00 TO 109+31.71		10.3	
TOTAL	224.8	10.3	36.8

FENCE QUANTITIES

STATION	SHEET No.	REMOVE CHAIN LINK FENCE	CHAIN LINK FENCE (TYPE CL-6)	12' METAL GATE	RESET GATE	TEMPORARY HIGH-VISIBILITY FENCE	WOOD RAIL FENCE
		LF	LF	EA	EA	LF	LF
"M" 92+00 TO "M" 96+50	N-PP-1		232	1		775	
"M" 94+98.00 TO "M" 97+58.00	N-PP-1/N-PP-2						260
"M" 96+50 TO "M" 100+50	N-PP-2		412			799	
"M" 98+26.35 TO "M" 99+25.00	N-PP-2						99
"M" 100+50 TO "M" 105+50	N-PP-3		426			943	
"M" 105+50 TO "M" 110+50	N-PP-4	234	299			569	
"M" 110+50 TO "CR" 17+40	N-PP-5	411	412	1			
"CR" 10+81.21	N-PP-4				1		
TOTAL		645	1781	2	1	3086	359

EARTHWORK QUANTITIES

SHEET No.	LINE	STATION RANGE		ROADWAY EXCAVATION
		BEGIN	END	CY
N-PP-1	"M"	92+96	96+50	281
N-PP-2	"M"	96+50	100+50	368
N-PP-3	"M"	100+50	105+50	254
N-PP-4	"M"	105+50	110+50	669
N-PP-5	"M"/"CR"	110+50	16+87.17	124
TOTAL				1696

MISCELLANEOUS QUANTITIES

SHEET No.	RESET BENCH	RESET TRASH RECEPTACLE	RECONSTRUCT DEAD END BARRICADE	DEAD END BARRICADE
	EA	EA	LF	LF
N-PP-1			40	
N-PP-3				14
N-PP-4				12
N-PP-5	1	1		
TOTAL	1	1	40	28

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\NE-R-Q.dwg, 1/29/2024 11:49 AM

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LAST REVISION 01-15-24

SHEET 47 OF 234

SUMMARY OF QUANTITIES

5N-Q-1

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	47	75

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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

REMOVE CONCRETE QUANTITIES

STATION	SHEET No.	REMOVE CONCRETE (CURB)	REMOVE CONCRETE (CURB AND GUTTER)	REMOVE CONCRETE SIDEWALK	REMOVE ASPHALT CONCRETE PAVEMENT	DESCRIPTION/COMMENTS
		LF	LF	SQYD	SQFT	
"M" 92+93.86 TO 93+36.24	N-PP-1				527	
"CR" 10+84.36 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+07.77 TO 15+82.45	N-PP-5			65		
TOTAL		226	51	65	527	

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-12	6				
"CR" 10+84.36 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+07.72	N-PP-5				20	
TOTAL		6	199	62	20	1

MINOR CONCRETE QUANTITIES

STATION	SHEET No.	CURB	CURB AND GUTTER (TYPE A2-6 (Mod))	SIDEWALK	DRIVEWAY	DESCRIPTION/COMMENTS
		LF	CY	CY	CY	
"M" 93+47.57 TO 106+50.00	N-PP-1 TO N-PP-4	1080.7				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+82.45	N-PP-5			26.9		CALLE REAL (LEFT)
TOTAL		2072.3	6.8	26.9	2.9	

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	121				54		5779		72		"RW3" TYPE 1A (CASE 2)
"M" 108+50.00 TO 108+90.00	N-PP-4			219	129	45	45		42		5104		40		"RW4" TYPE 1A (CASE 2)
"M" 108+90.00 TO 110+42.00	N-PP-4			674	187				172	1366	18633	1583	152		"RW4" TYPE 7B (Mod)
"M" 110+42.00 TO 111+10.94	N-PP-4/N-PP-5							364		280		364	72		"RW4" TYPE 6A (CASE 1)
"M" 108+50.00 TO 108+98.00	N-PP-4			406	186	74	71		86	493	10229	599		48	"RW5" TYPE 1 (CASE 2)
"M" 108+98.00 TO 110+37.39	N-PP-4			378	194				83	844	13075	1018		136	"RW5" TYPE 1A (CASE 1)
TOTAL		525	525	2071	939	119	116	364	480	2983	59814	3564	402	184	

SHEET 48 OF 234

SUMMARY OF QUANTITIES

5N-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	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
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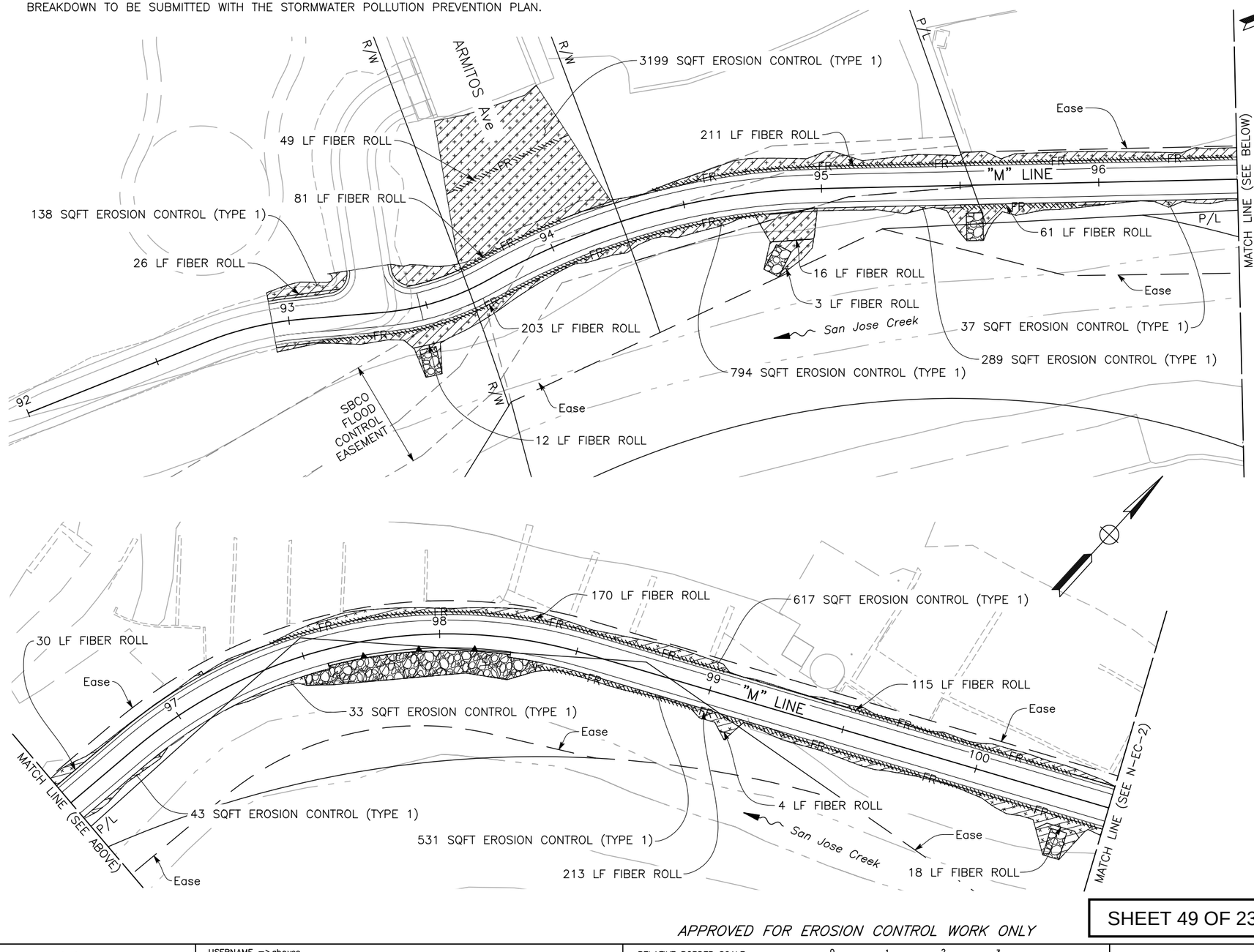
BORDER LAST REVISED 7/2/2010
USERNAME => aboyes
DGN FILE => NE-R-Q.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	48	75

ANTHONY J. BOYES — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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 49 OF 234

EROSION CONTROL PLAN

SCALE: 1"=20'

NB-EC-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

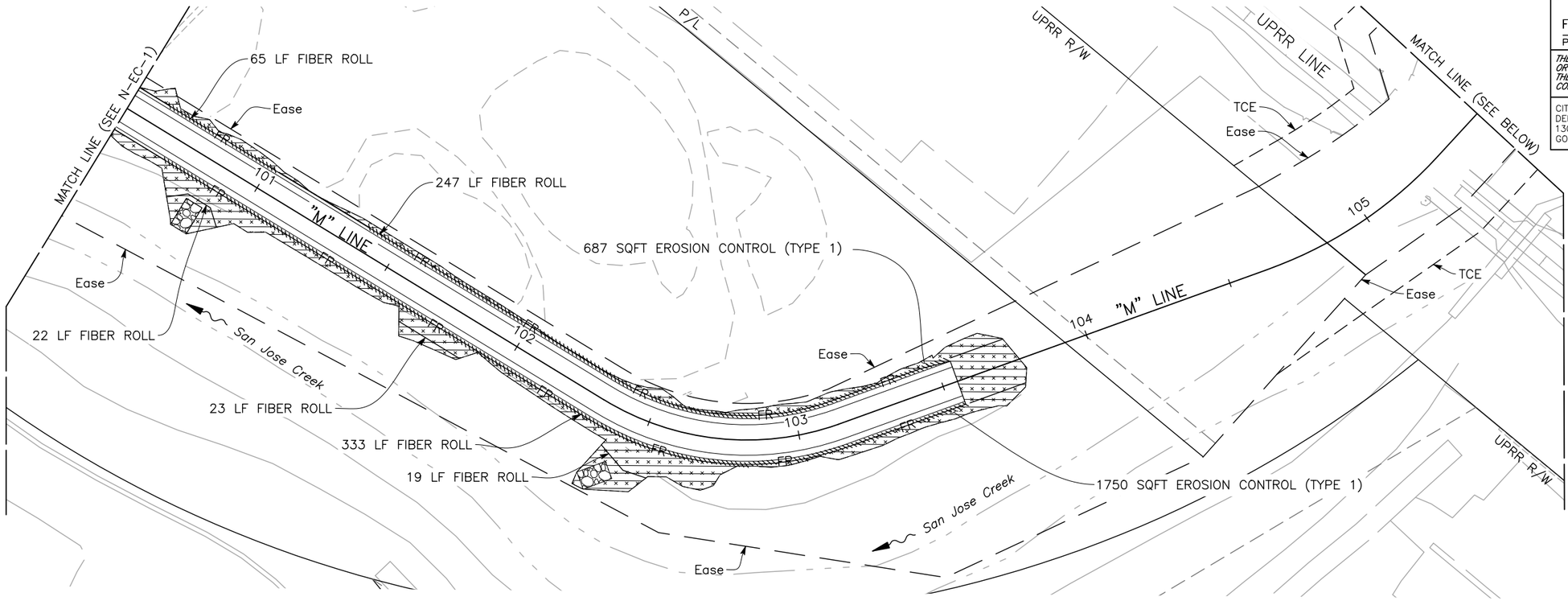
LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:50 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-EC1-EC3.dwg, 1/29/2024 11:50 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 AND CALTRANS OFFICES.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	49	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

February 05, 2024
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GOLETA, CA 93117

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

APPROVED FOR EROSION CONTROL WORK ONLY

SHEET 50 OF 234

EROSION CONTROL PLAN

SCALE: 1"=20'

N-EC-2

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:50 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-EC1-EC3.dwg, 1/29/2024 11:50 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 AND CALTRANS OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	50	75

Anthony J. Boyes — 1-15-24
REGISTERED CIVIL ENGINEER — DATE

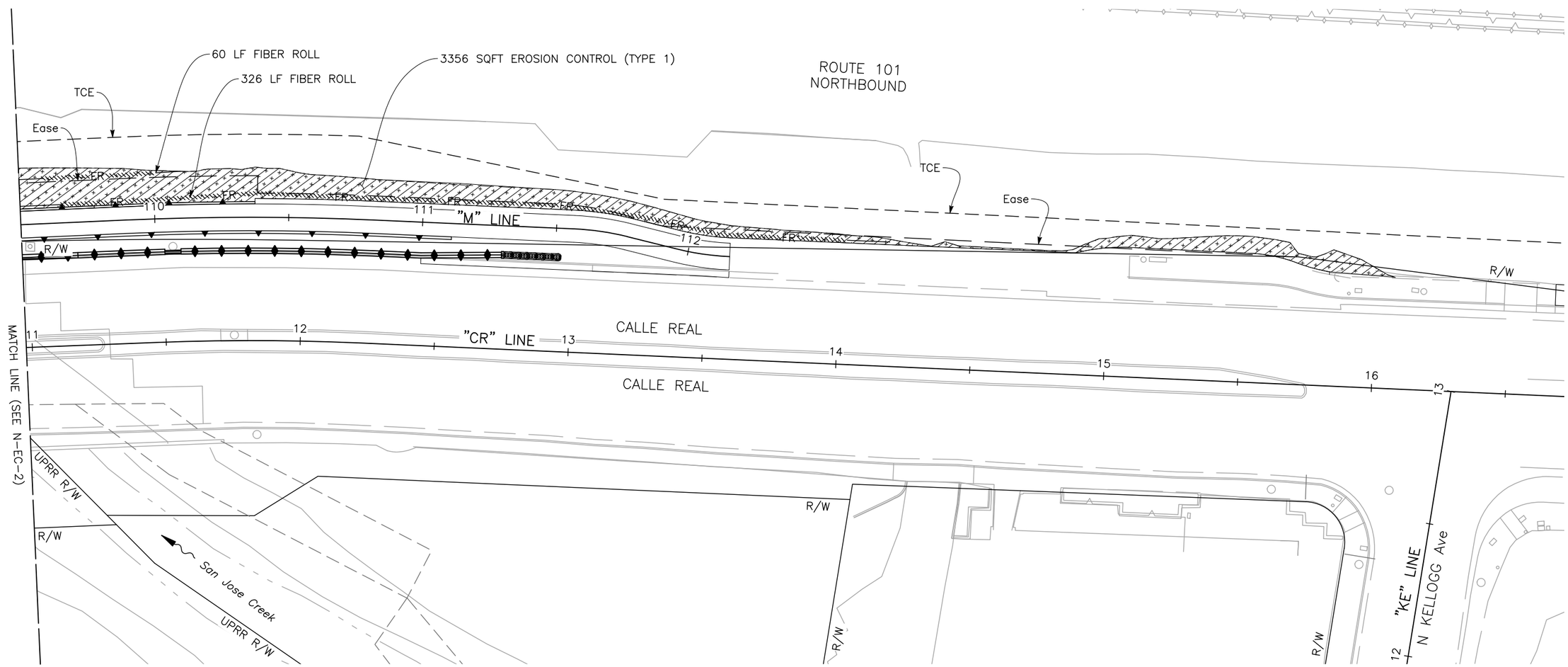
ANTHONY J. BOYES
No. 82027
Exp. 3-31-24
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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 EROSION CONTROL WORK ONLY

SHEET 51 OF 234

EROSION CONTROL PLAN

SCALE: 1"=20'

N EC-3

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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:50 am

u:\18059 – sj creek bike path middle extent 2018-115 – ci goleta\400 project design files\420 roadway & civil\Plans\NE-R-EC1-EC3.dwg, 1/29/2024 11:50 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	51	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3-31-24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
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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.	FIBER ROLL	EROSION CONTROL (TYPE 1)	
					DRY SEED	ROLLED EROSION CONTROL PRODUCT (NETTING)
				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	4678	4678
N-EC-3	"M"/"CR"	109+50.00	16+07.09	386	3356	3356
TOTAL				2567	13715	13715

EROSION CONTROL QUANTITIES
N-ECQ-1

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:50 am

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

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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

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):

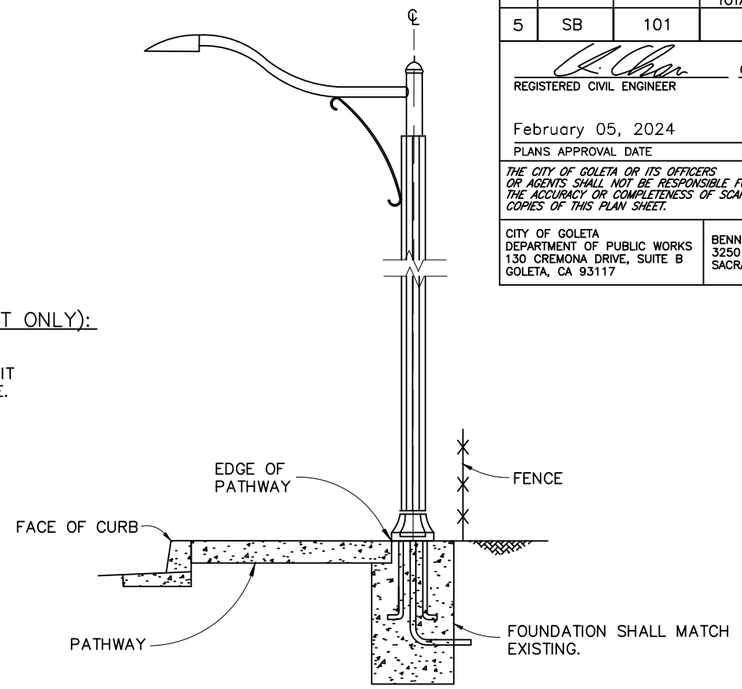
1 SEE DETAIL A ON THIS SHEET FOR POLE LOCATION.

2 EXISTING STREET LIGHT TO REMAIN.

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	52	75

REGISTERED CIVIL ENGINEER — 01/12/24 DATE

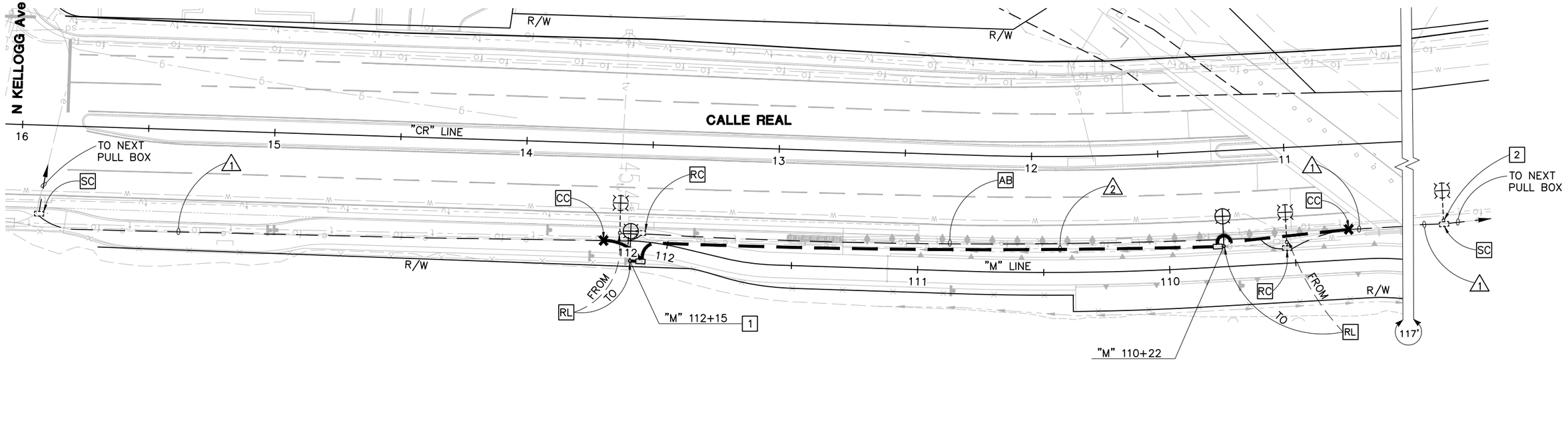
PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA

February 05, 2024
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



MODIFYING LIGHTING SYSTEM

SCALE: 1"=20'

SHEET 53 OF 234

57 **N-E-1**

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

0:\Project\2019\109119 San Jose Creek Bike Path\Northern Segment\E-1 Relocating Light.dwg, 1/12/2024 5:51 PM

LAST REVISION 01-12-24
DATE PLOTTED => Jan 12, 2024
TIME PLOTTED => 5:51 pm

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	53	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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.

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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

SAN JOSE CREEK AT JONNY D. WALLIS PARK
MITIGATION PLANTING NOTES PER BIO MITIGATION PLAN

1. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED THE BY CITY–APPROVED RESTORATION BIOLOGIST.

2. 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 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 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.

2. 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.

3. 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. IRRIGATION

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.

SHEET 54 OF 234

MITIGATION PLANTING PLAN
NE-MP-1

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 01-15-24 | DATE PLOTTED => Jan 29, 2024 | TIME PLOTTED => 11:50 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–MP1–MP6.dwg, 1/29/2024 11:50 AM

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.

LEGEND:

RIPARIAN RE–ESTABLISHMENT (0.07 ACRES)

RIPARIAN ENHANCEMENT (0.22 ACRES)

○ PROPOSED MITIGATION TREES

□ PREVIOUSLY INSTALLED TREES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	54	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1–15–24 DATE

ANTHONY J. BOYES No. 82027 Exp. 3–31–24 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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

SHEET 55 OF 234

MITIGATION PLANTING PLAN

MP-2

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–MP1–MP6.dwg, 1/29/2024 11:50 AM

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TIME PLOTTED => 11:50 am

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	55	75

Anthony J. Boyes
REGISTERED CIVIL ENGINEER

1-15-24
DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. BOYES
No. 82027
Exp. 3-31-24
STATE OF CALIFORNIA

February 05, 2024
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JONNY D. WALLIS PARK LOCATION

SHEET 56 OF 234

MITIGATION PLANTING PLAN

SCALE: 1"=50'

NO. MP-3

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:50 am

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

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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	56	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
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SAN JOSE CREEK ALONG THE NORTHERN SECMENT OF PATHWAY
MITIGATION PLANTING NOTES PER BIO MITIGATION PLAN

1. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED BY THE CITY–APPROVED RESTORATION BIOLOGIST. FOR THE TREES TO BE INSTALLED ALONG CALLE REAL, THE ACTUAL PLANT INSTALLATION LOCATIONS WILL BE DETERMINED IN COORDINATION WITH THE CALTRANS LANDSCAPE ARCHITECT.

2. 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 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.

3. 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.

4. 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.

5. IRRIGATION

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. 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.

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.

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

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SHEET 57 OF 234

MITIGATION PLANTING PLAN
NE-MP-4

LAST REVISION 01-15-24 — DATE PLOTTED => Jan 29, 2024 — TIME PLOTTED => 11:51 am

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	57	75

Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — 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

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.

LEGEND:

RIPARIAN RE-ESTABLISHMENT (0.37 ACRES)

RIPARIAN ENHANCEMENT (0.25 ACRES)

PROPOSED MITIGATION TREES

SHEET 58 OF 234

MITIGATION PLANTING PLAN

N2-MP-5

REVISED BY	DATE REVISED
A. BOYES	J. SILVA

CALCULATED-DESIGNED BY | CHECKED BY

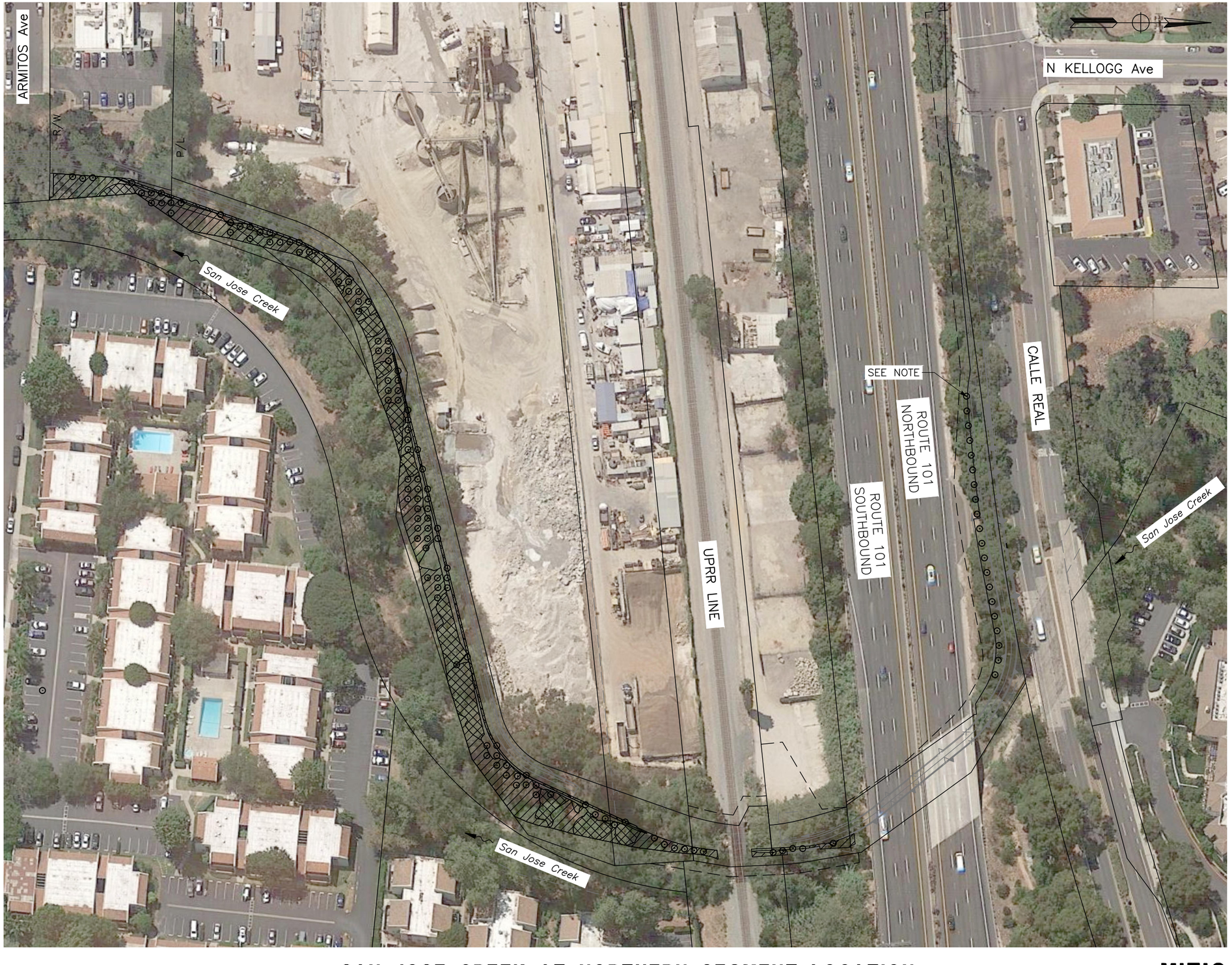
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR

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Anthony J. Boyes — REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
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REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. BOYES — No. 82027 — Exp. 3-31-24 — STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670

NOTE:

COAST LIVE OAK (Typ), CONTAINER SIZE PER "RESTORATION CONTRACTOR SCOPE OF WORK FOR MITIGATION" DOCUMENT

SAN JOSE CREEK AT NORTHERN SEGMENT LOCATION

SHEET 59 OF 234

MITIGATION PLANTING PLAN

SCALE: 1"=50'

N3-MP-6

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

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5	SB	101	21.6	59	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 3E372
Exp 06/30/24
STATE OF CALIFORNIA

February 05, 2024
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DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

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, ϕ_b = 0.55 (ksf)	Extreme Event Gross Nominal Bearing Resistance ϕ_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	1.7	10.4	14.6
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.

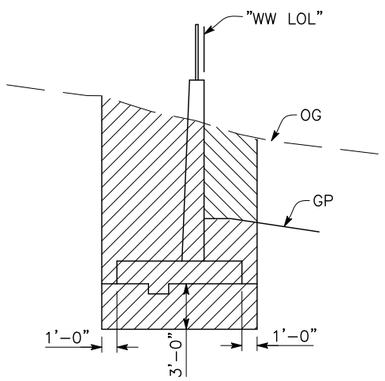
CALTRANS STANDARD PLANS DATED 2023

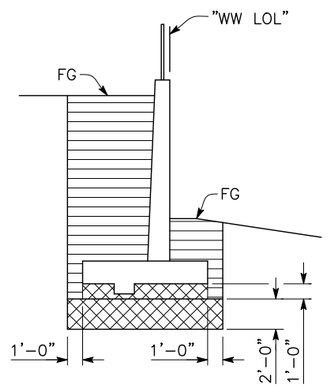
STANDARD PLAN SHEET No.

DETAIL No.

GENERAL NOTES:

SHEET PILE: ASTM A572–GR55
Fy = 55 ksi
Minimum Section Modulus per foot of wall
S min = 12.3 in³





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

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.

SHEET 60 OF 234

RETAINING WALL-GENERAL NOTES

SCALE AS SHOWN

N64 RW-1

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS

CALCULATED–DESIGNED BY
CHECKED BY

JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR

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UNIT 0000

PROJECT NUMBER & PHASE 00000000000

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Anthony T. Dubovik 1/15/24
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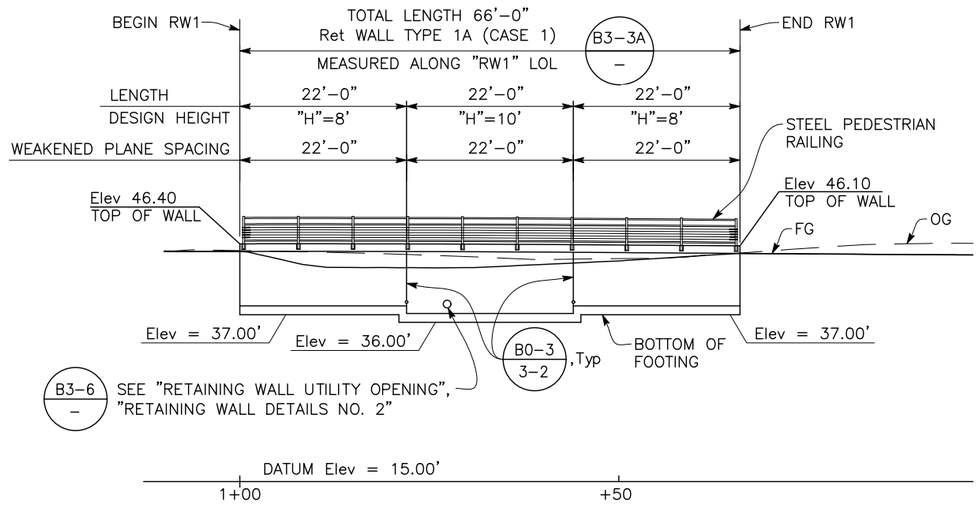
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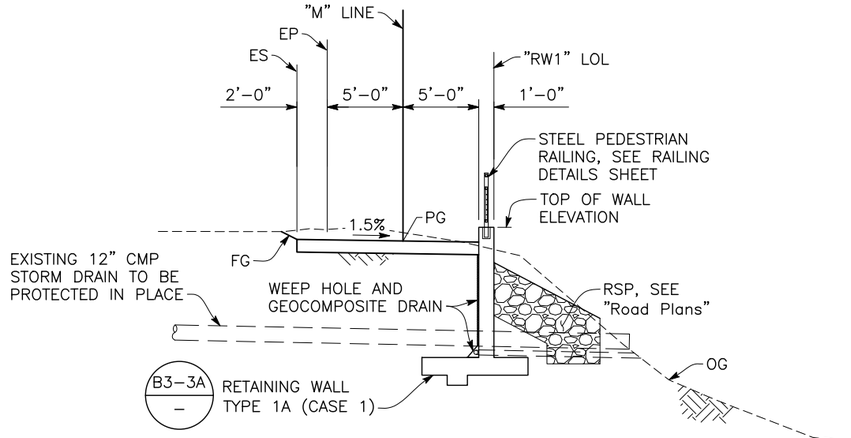
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



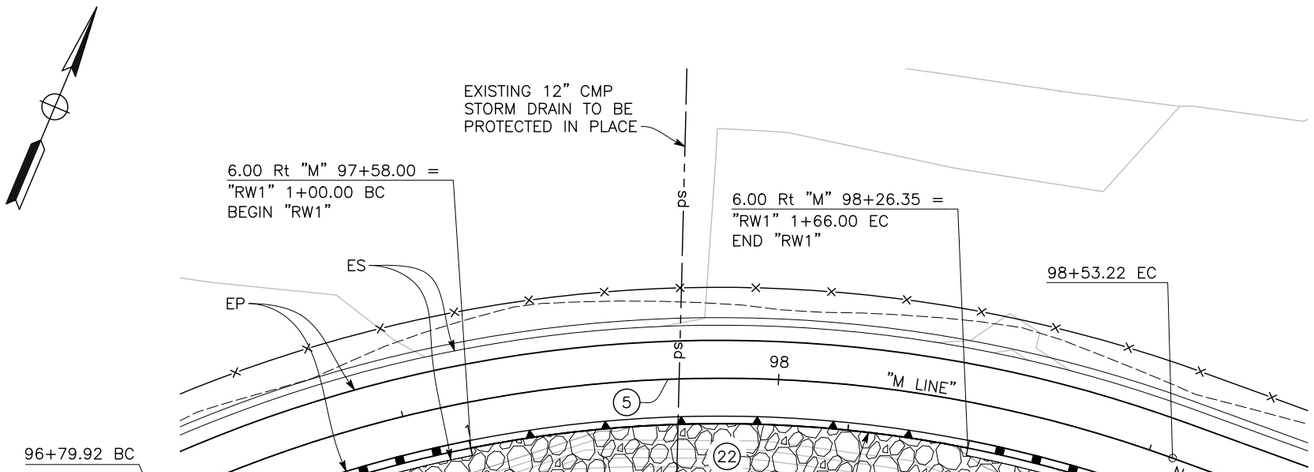
DEVELOPED ELEVATION

1" = 10'



TYPICAL SECTION

1" = 5'



PLAN

1" = 10'

NOTE:

Caltrans Standard Retaining Wall, Type 1A (Case 1) B3–3A / –

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'

SHEET 61 OF 234

RETAINING WALL NO. 1

SCALE AS SHOWN

N65RW-2

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, 1/29/2024 11:51 AM

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 11–17–23
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:51 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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	61	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

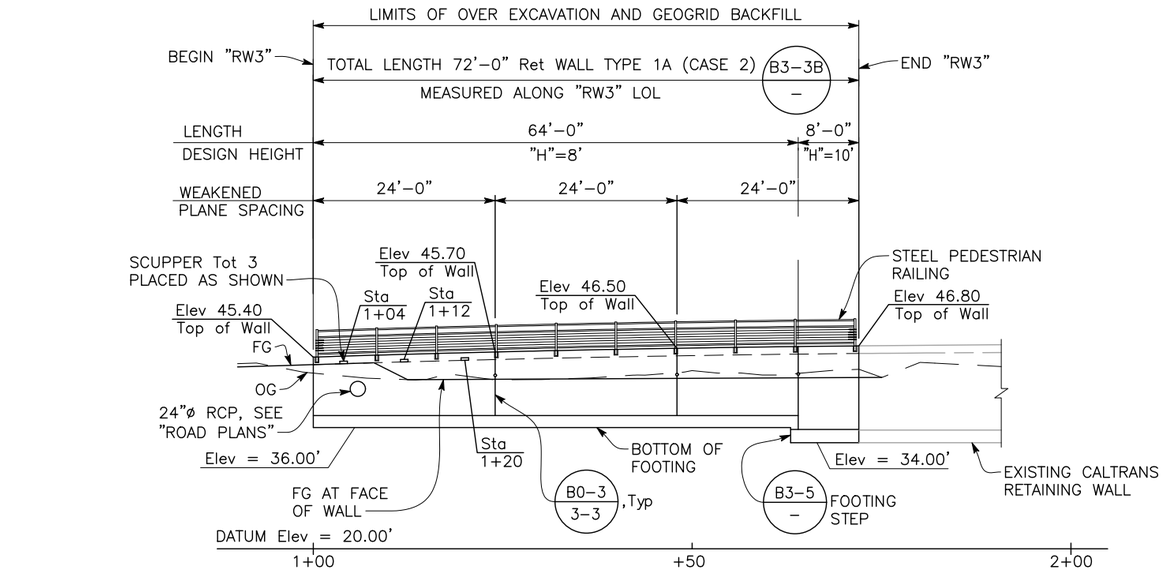
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 38372 — Exp. 06/30/24 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

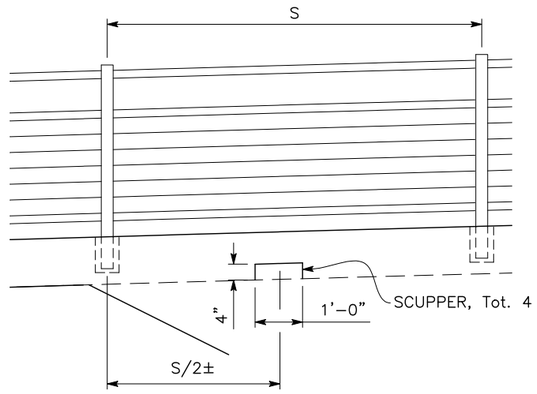
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

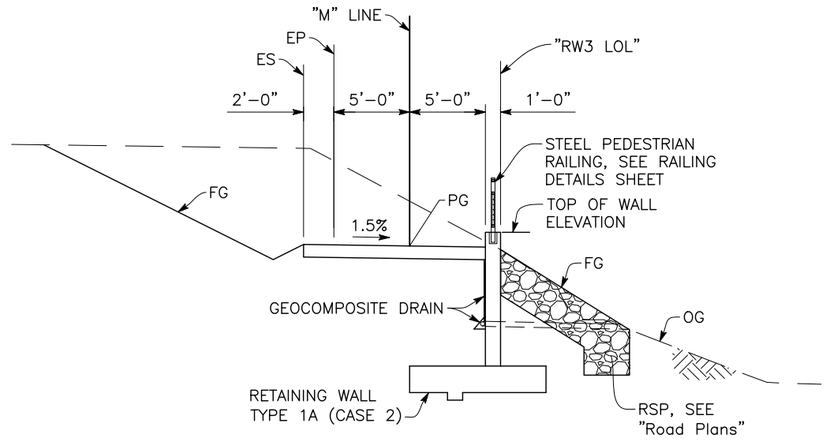
DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



ELEVATION
1" = 10'



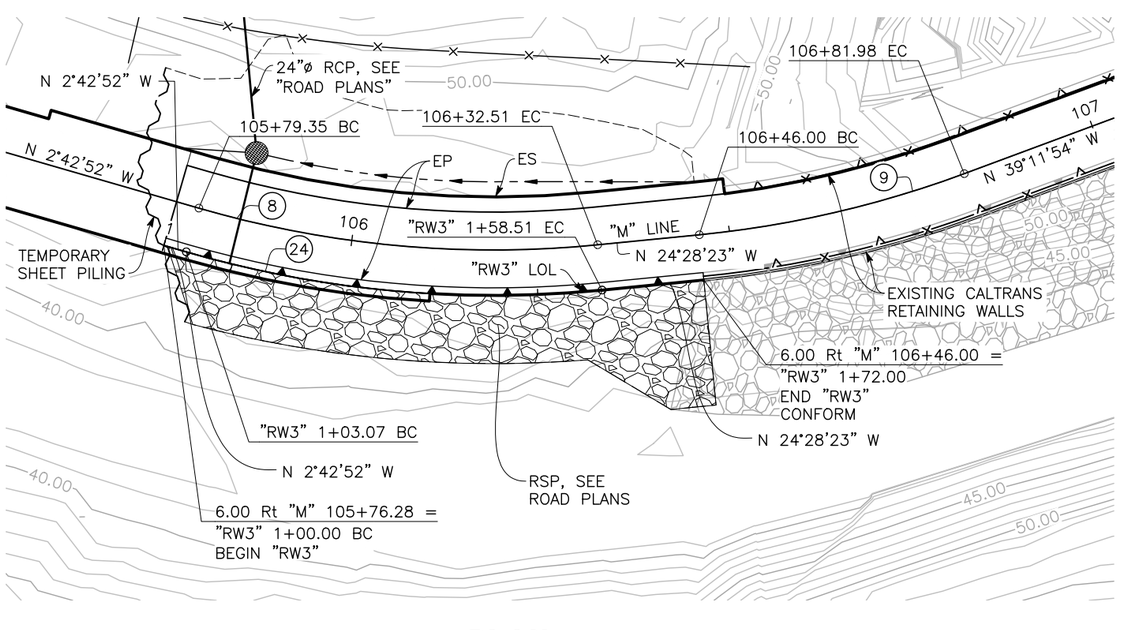
SCUPPER DETAIL
1" = 10'



TYPICAL SECTION
1" = 5'

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.



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'

RETAINING WALL NO. 3
SCALE AS SHOWN

N66RW-3

SHEET 62 OF 234

u:\18059 – sj creek bike path middle extent 2018–115 – ci goleta\400 project design files\430 Bridges & Structures\Plans\SJCN–S–RW3–GP.dwg, 1/29/2024 11:51 AM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	ANTHONY T. DUBOVIK	SANDRA CUEVAS		

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:51 am
LAST REVISION 11–17–23

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.
3. For "OVER EXCAVATION AND GEOGRID BACKFILL" Detail, see "RETAINING WALL–GENERAL NOTES" 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	62	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

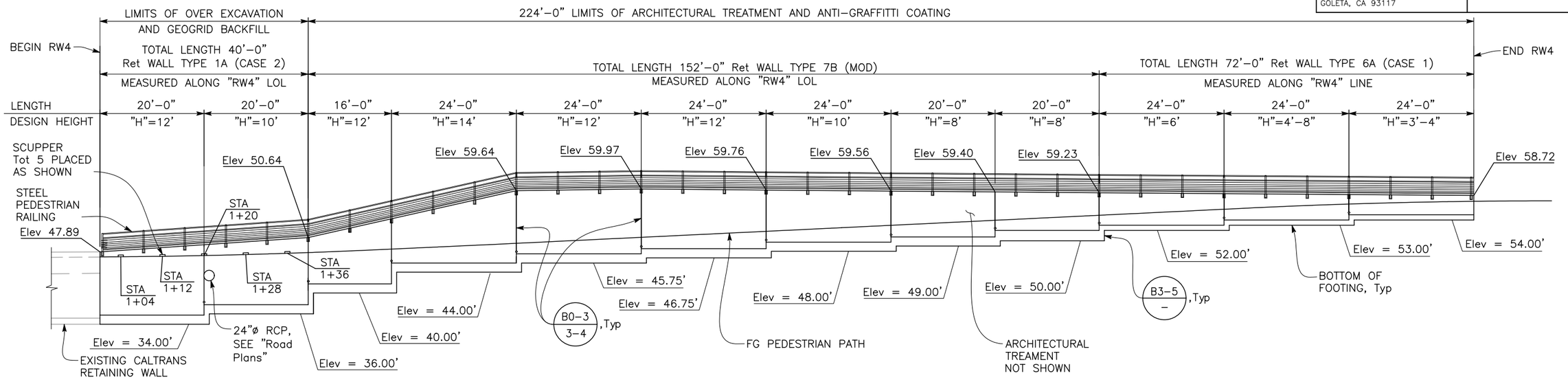
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 3E372 — Exp 06/30/24 — STATE OF CALIFORNIA

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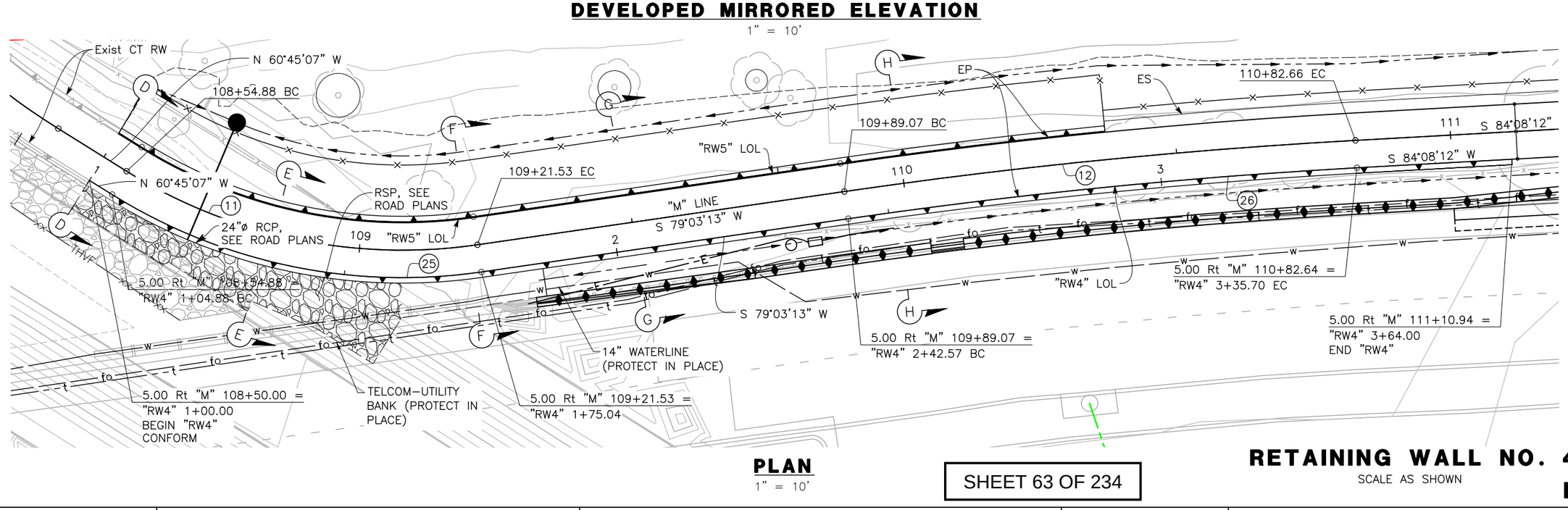
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



DEVELOPED MIRRORED ELEVATION

1" = 10'



PLAN

1" = 10'

SHEET 63 OF 234

RETAINING WALL NO. 4

SCALE AS SHOWN

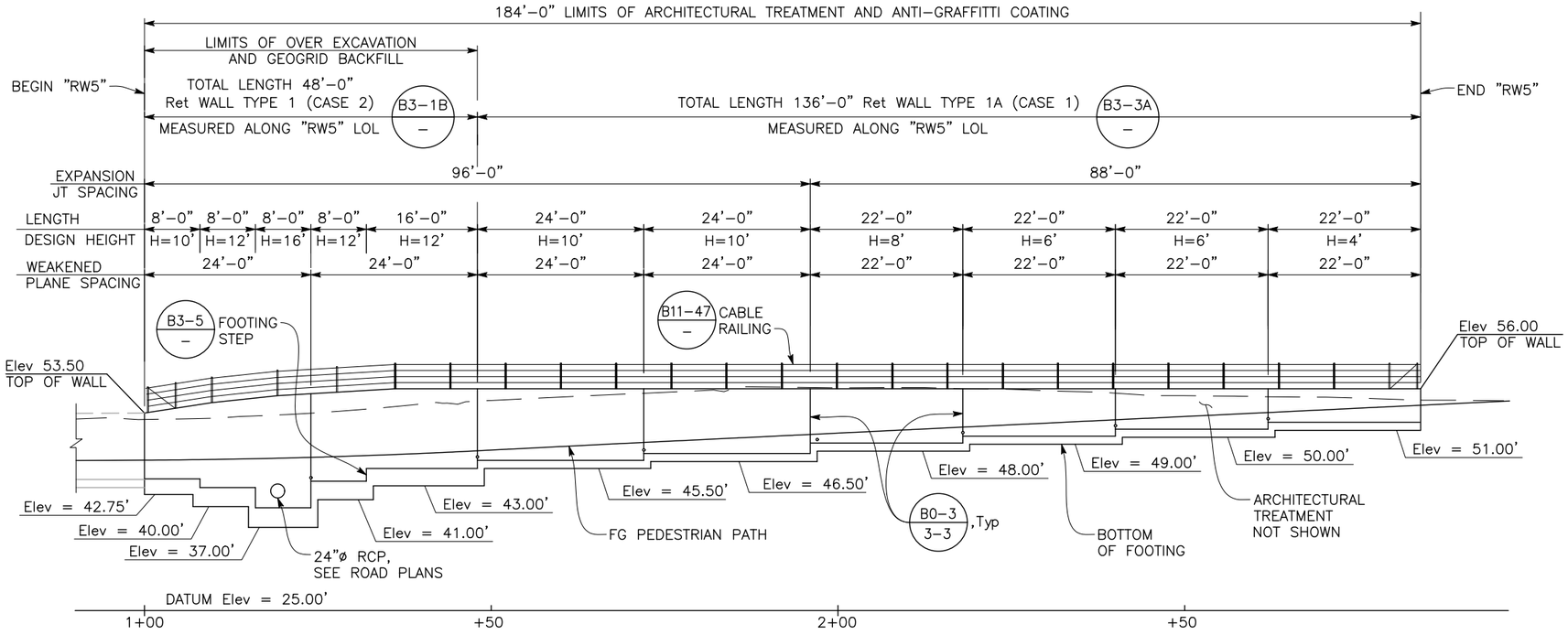
N67RW-4

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CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: ANTHONY T. DUBOVIK
CHECKED BY: SANDRA CUEVAS
REVISED BY
DATE REVISED

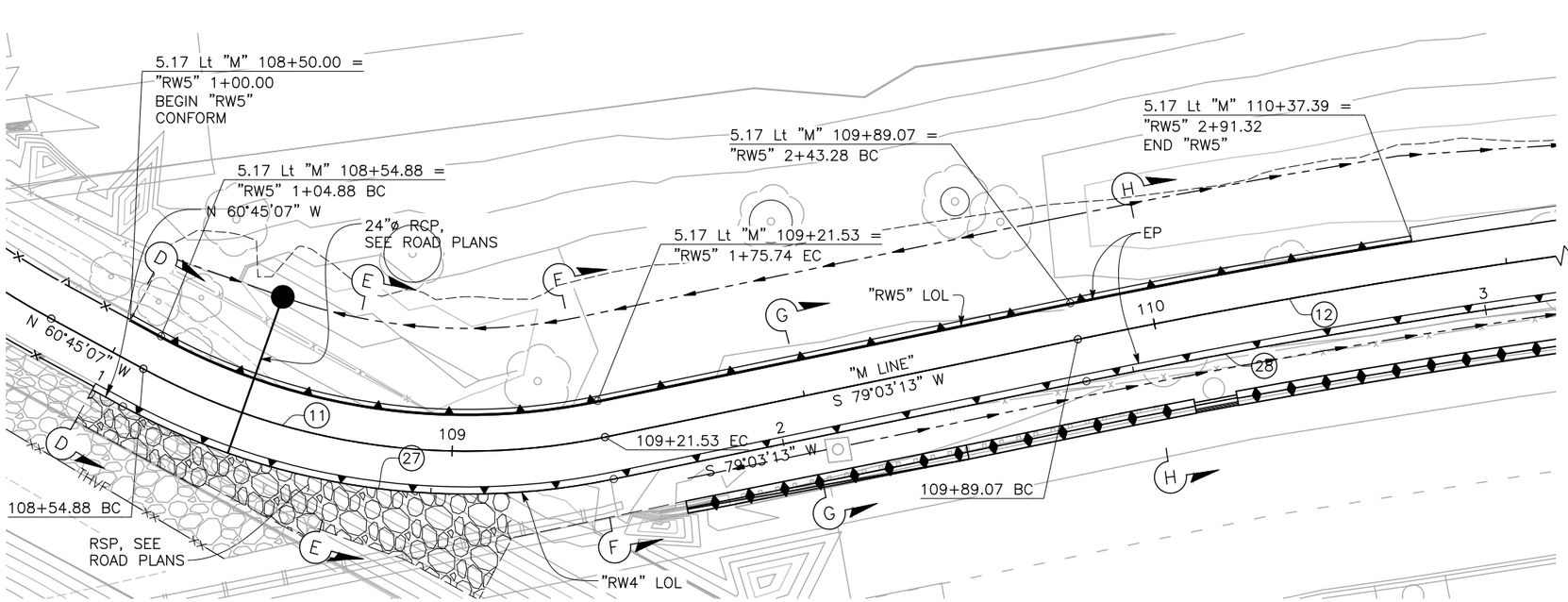
LAST REVISION 11–17–23
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:52 am

USERNAME =>aboyes
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'

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

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)	101.00'	40°11'40"	36.96'	70.85'
(28)	1049.00'	3°19'00"	30.37'	60.72'

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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	63	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK — No. 36372 — Exp. 06/30/24 — STATE OF CALIFORNIA

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

RETAINING WALL NO. 5

SCALE AS SHOWN

N68RW-5

SHEET 64 OF 234

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS
CALCULATED–DESIGNED BY	CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

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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	64	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

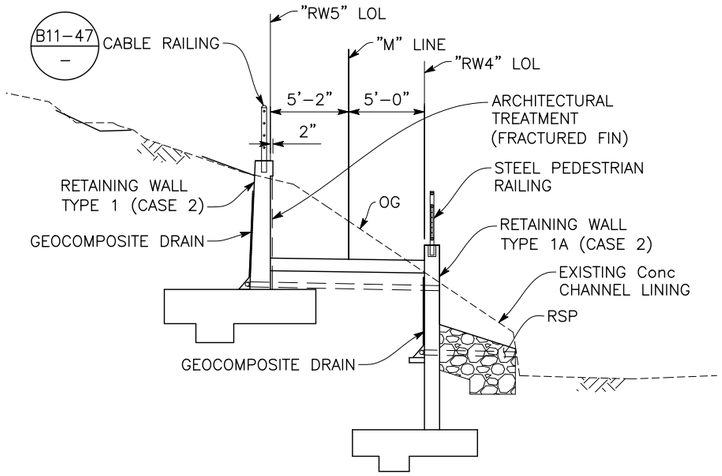
February 05, 2024
PLANS APPROVAL DATE

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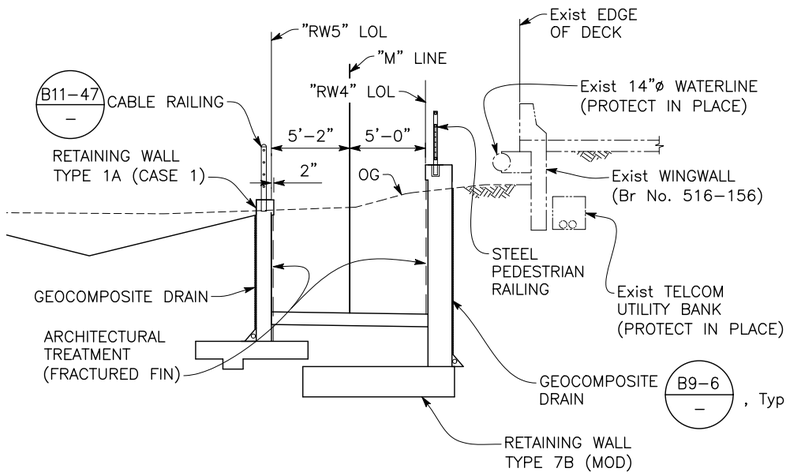
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GOLETA, CA 93117

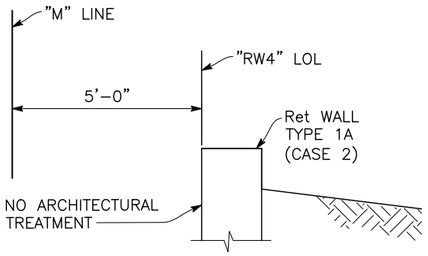
DEWBERRY
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670



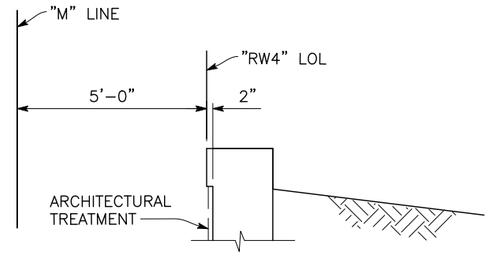
SECTION D-D
1" = 5'



SECTION F-F
1" = 5'

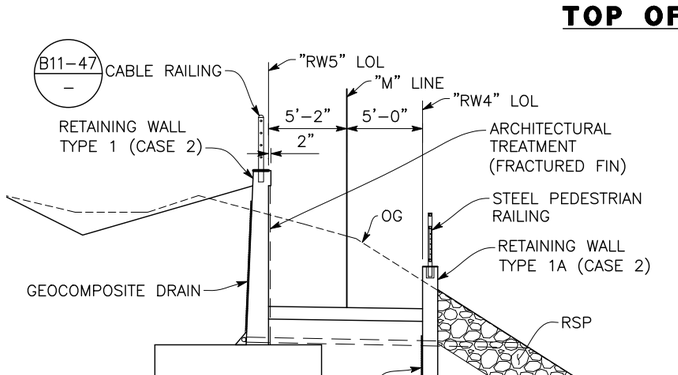


STA 1+00.00 TO 1+48.00

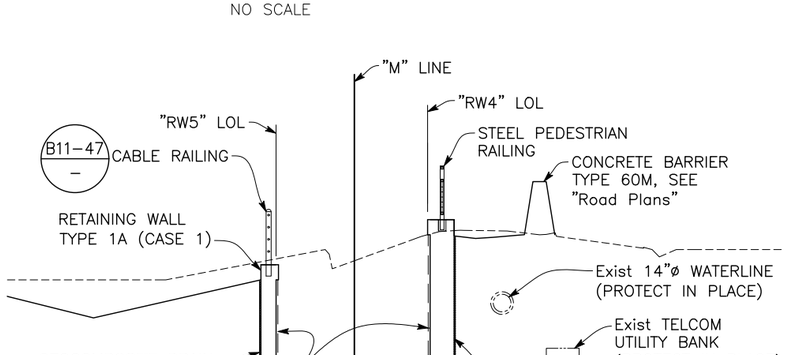


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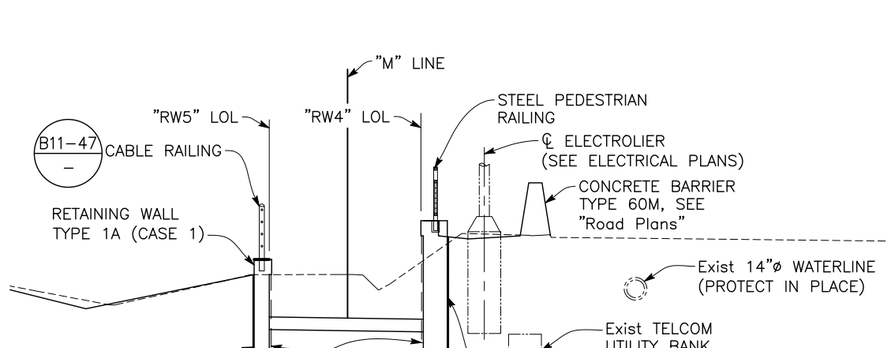
TOP OF WALL DETAILS AT RETAINING WALL 4
NO SCALE



SECTION E-E
1" = 5'



SECTION G-G
1" = 5'



SECTION H-H
1" = 5'

RETAINING WALL DETAILS NO. 1
SCALE AS SHOWN

SHEET 65 OF 234

N69RW-6

	REVISED BY	DATE REVISED
CALCULATED–DESIGNED BY	ANTHONY T. DUBOVIK	
CHECKED BY	SANDRA CUEVAS	
SUPERVISOR	JOSE SILVA	
CONSULTANT FUNCTIONAL		

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:52 am
LAST REVISION 11–17–23

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	65	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

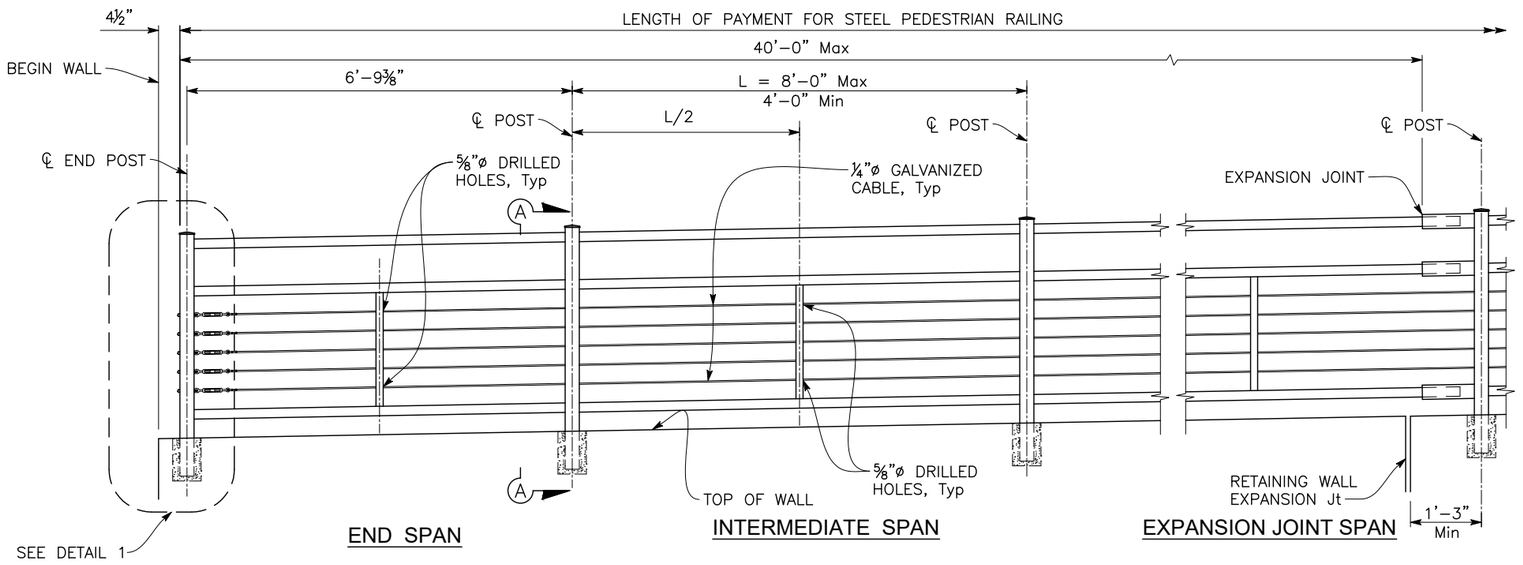
February 05, 2024
PLANS APPROVAL DATE

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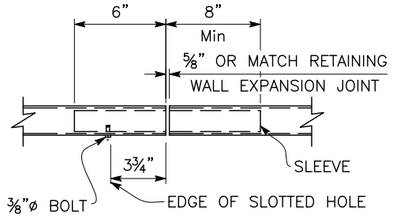
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

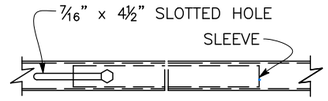


STEEL PEDESTRIAN RAILING PART ELEVATION

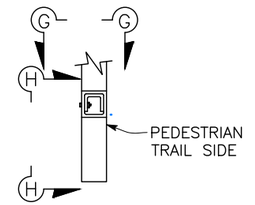
SCALE: ¾"=1'–0"



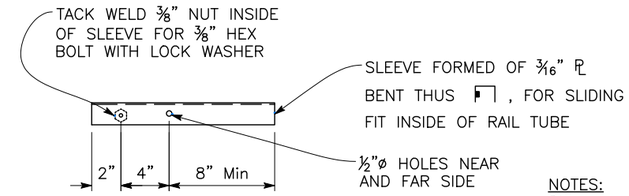
VIEW G-G



VIEW H-H



SECTION

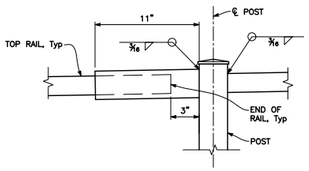


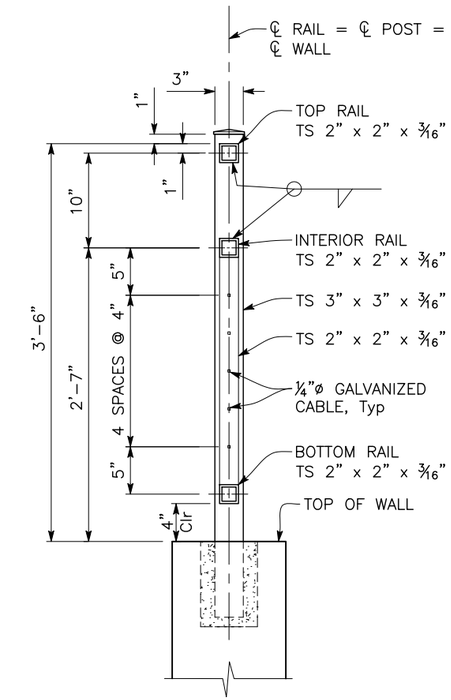
SLEEVE

NOTES:
⅜" NUT TACK WELDED TO SLEEVE MAY BE REPLACED BY DRILLED AND TAPPED HOLE IN SLEEVE.

TUBE SPLICE DETAILS

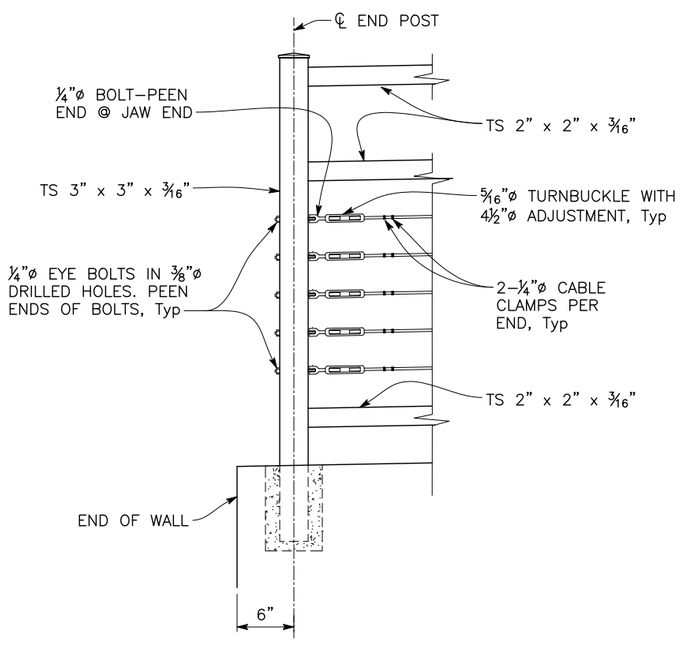
NO SCALE





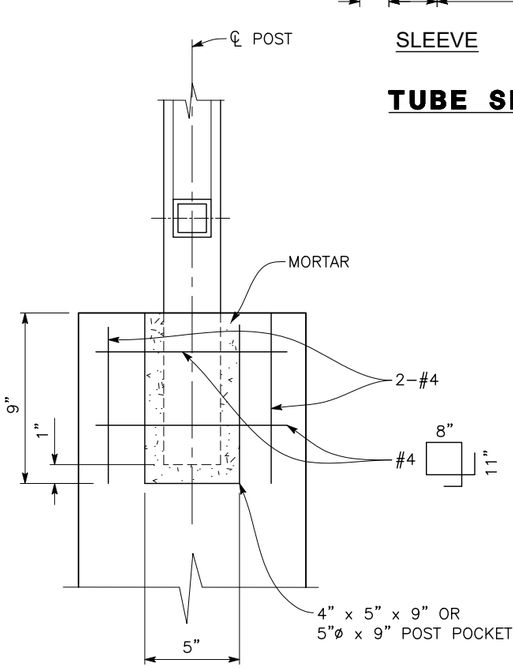
DETAIL 1

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.

SHEET 66 OF 234

RETAINING WALL DETAILS NO. 2

SCALE AS SHOWN

NORW-7

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 11–17–23
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:52 am

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USERNAME => aboyes
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
5	SB	101	21.6	66	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER DATE

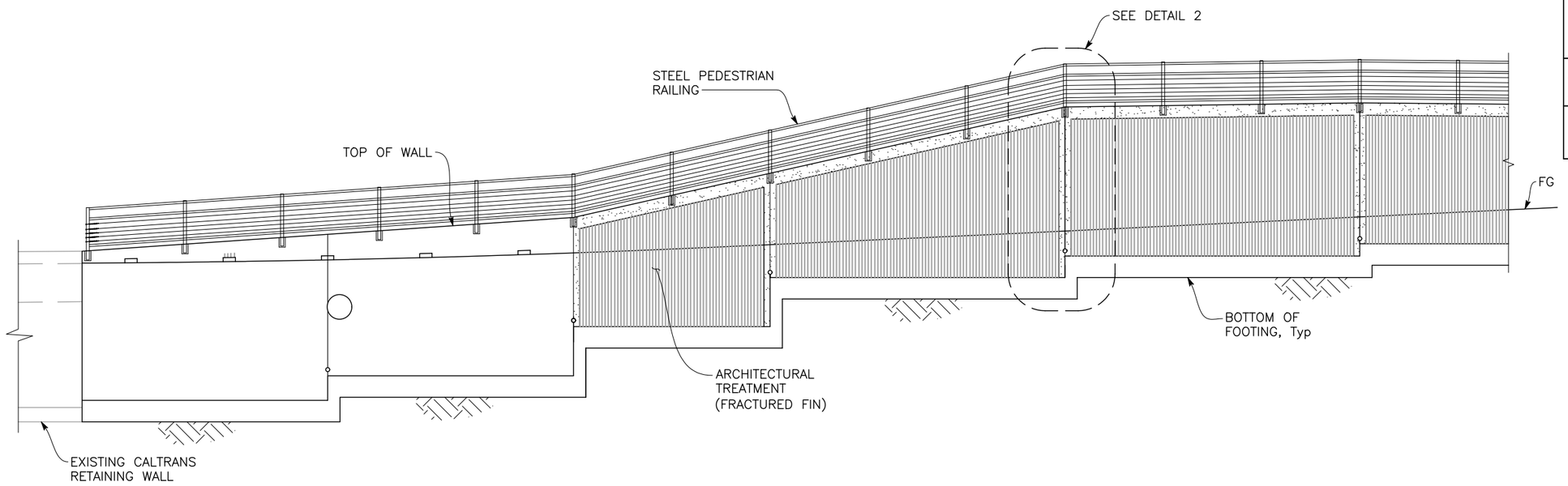
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp. 06/30/24
STATE OF CALIFORNIA

February 05, 2024
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.

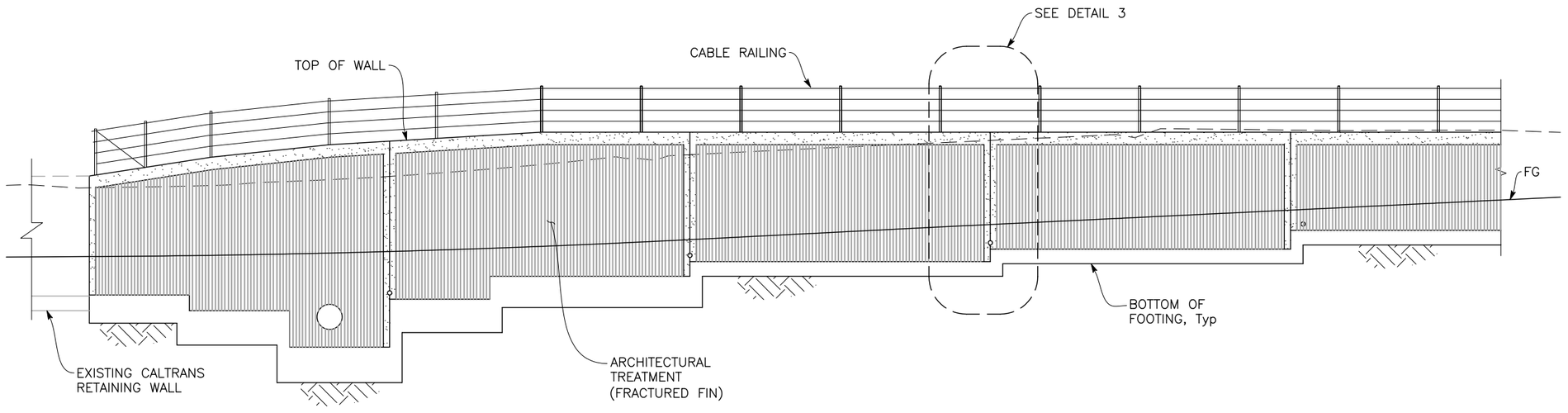
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



RETAINING WALL NO. 4 TYPICAL PART DEVELOPED MIRRORED ELEVATION

1" = 5'



RETAINING WALL NO. 5 TYPICAL PART DEVELOPED ELEVATION

1" = 5'

NOTES:

1. For DETAIL 2 and DETAIL 3, see "AESTHETIC DETAILS NO. 2" sheet.

AESTHETIC DETAILS NO. 1

SCALE AS SHOWN

N4RW-8

REVISED BY	DATE REVISED
ANTHONY T. DUBOVIK	SANDRA CUEVAS

CALCULATED–DESIGNED BY | CHECKED BY

JOSE SILVA
CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

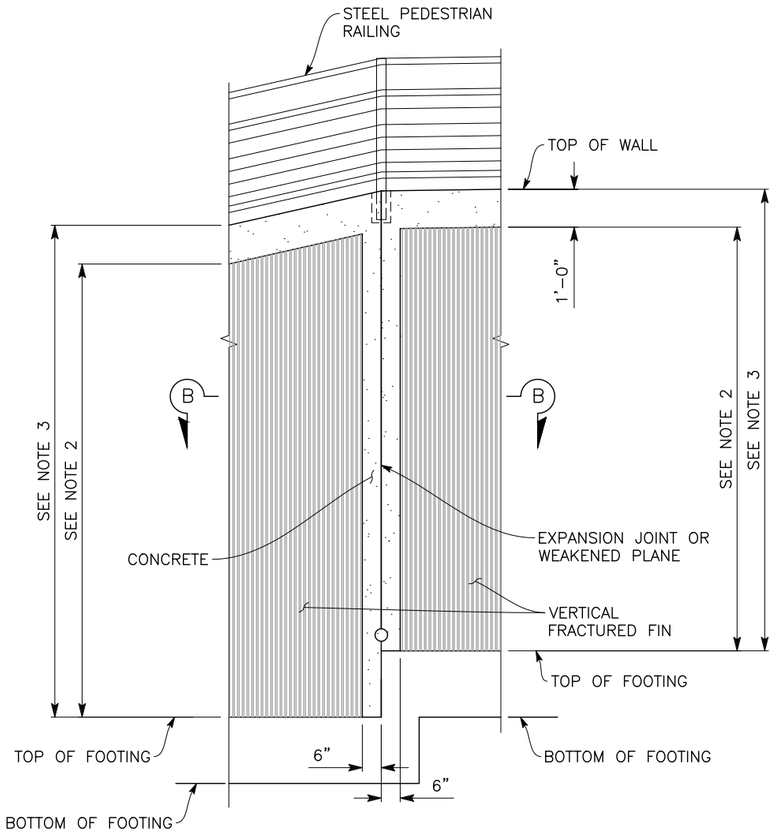
u:\18059 – sj creek bike path middle extent 2018–115 – ci goleta\400 project design files\430 Bridges & Structures\Plans\SJCN–S–RW4–5–AD.dwg, 1/29/2024 11:53 AM

LAST REVISION 11–17–23
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:53 am

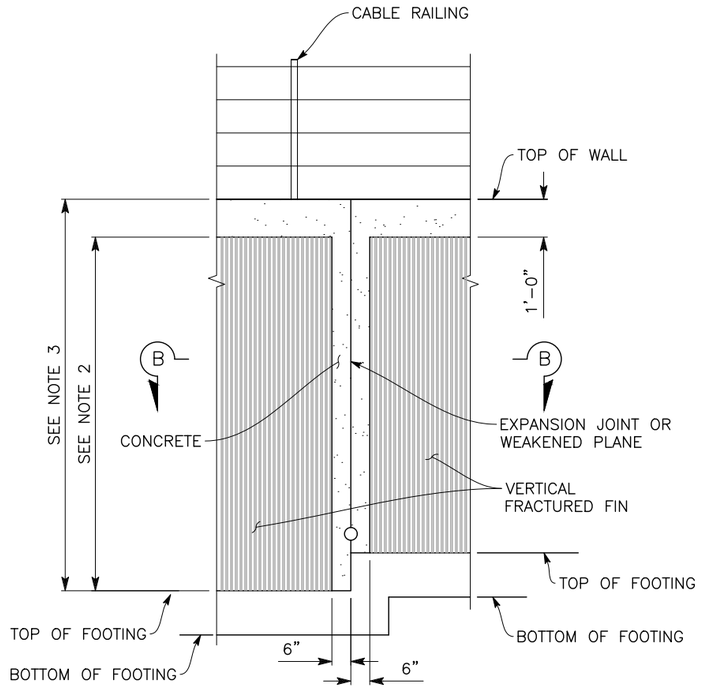
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DGN FILE => SJCN–S–RW4–5–AD.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

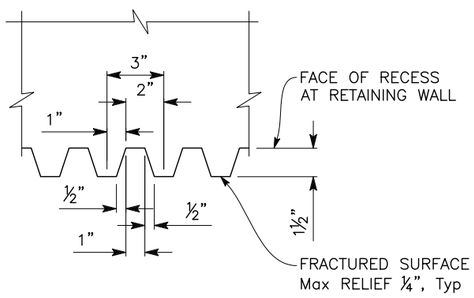
UNIT 0000 | PROJECT NUMBER & PHASE 00000000000



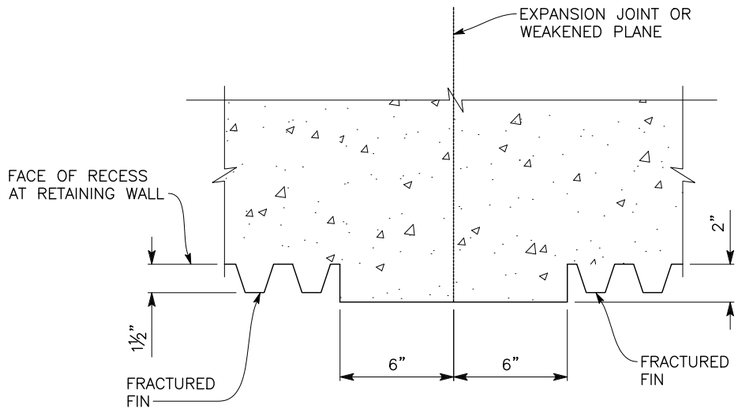
DETAIL 2
½" = 1'-0"



DETAIL 3
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.

AESTHETIC DETAILS NO. 2

SCALE AS SHOWN

N2RW-9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	101	21.6	67	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK
No. 38372
Exp. 06/30/24
STATE OF CALIFORNIA

February 05, 2024
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
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670

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 11-17-23
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 11:53 am

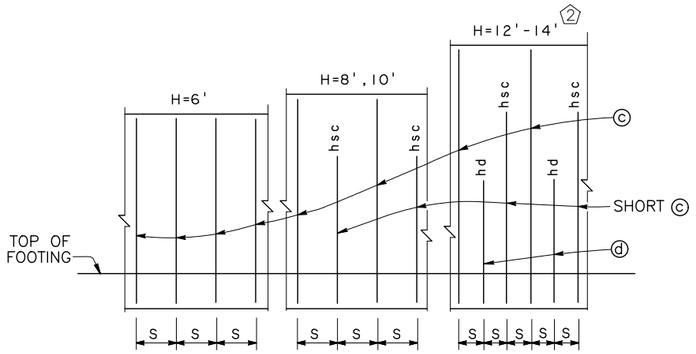
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USERNAME => aboyes
DGN FILE => SJCN-S-RW4-5-AD.dwg

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 00000000000

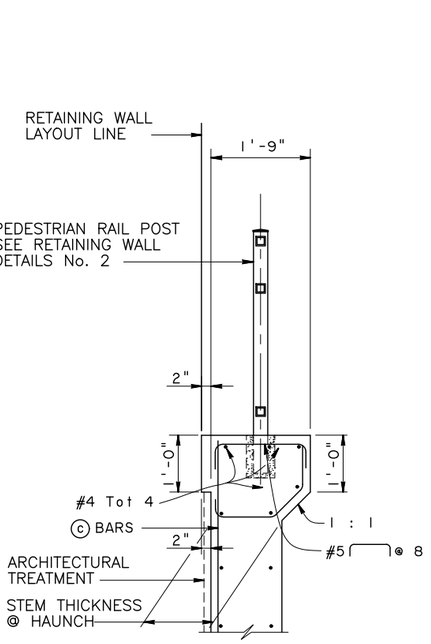


ELEVATION

NO SCALE

NOTE:

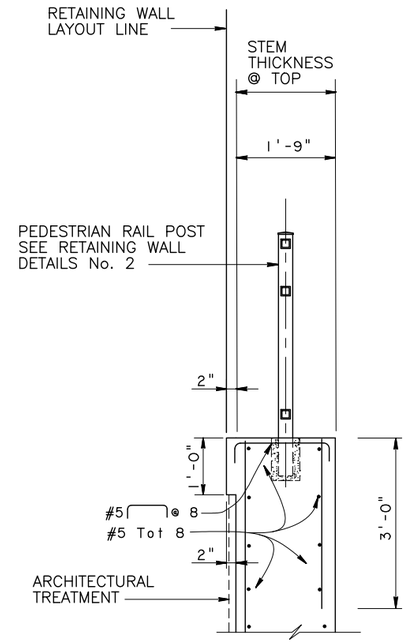
"hb", "hsc", "hc", "hd" and "he" above bars indicate distance from top of footing to upper end of the bars, see table.



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)

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

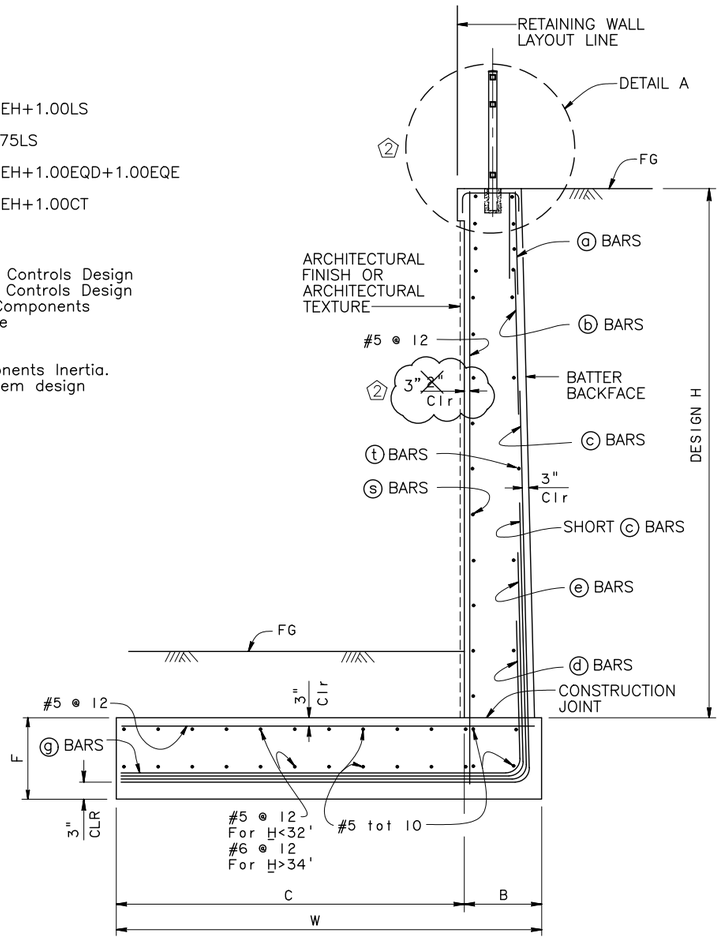
Load Combinations and Limit States

Service I	Q=1.00DC+1.00EV+1.00EH+1.00LS
Strength I	Q=aDC+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
- a: 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

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.



SPREAD FOOTING SECTION ②

NO SCALE

FOOTING FOR H=14 SHOWN, OTHERS SIMILAR.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	68	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/24 — 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.

SHEET 69 OF 234

N-RW-10

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 ② REVISED DETAIL ③ REVISED NOTE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

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 => 11:53 am DATE PLOTTED => Jan 29, 2024

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	8-8-14	8-28-15	7-14-16	68	75

12

ui\18950 — si creek blvd path middle extent 2018-115 — d:\plots\400 project design files\439 Bridges & Structures\Plans\xs14-375-1.dwg

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	69	75

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK III
No. 36372
Exp. 06/30/24
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.

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				1'-7"	1'-7"	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"													
BATTER	0	0	0	0	0	0	0	0	¼:12	¼:12	½:12	½:12	½:12	½:12	½:12	½:12
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 ϑ	#5 ϑ	#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
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), q_o(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

NOTE:

ⓗ 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)
ϑ: 2 bar bundle
To: Anchor Lockoff Load
Tp: Anchor Factored Test Load

SHEET 70 OF 234

N-RW-11

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 INFORMATION ADDED
2 REVISED DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO. XXX-XXXX
POST MILE 2.1

RETAINING WALL NO. 4

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 => aboyes TIME PLOTTED => 11:53 am DATE PLOTTED => Jan 29, 2024

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		69	75

LAYOUT: 69 - si sheet 1 plan path: middle extent: 2018-115 - d: plots\1400 project design files\1430 Bridges & Structures\Plans\xs14-375-2.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	70	75

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

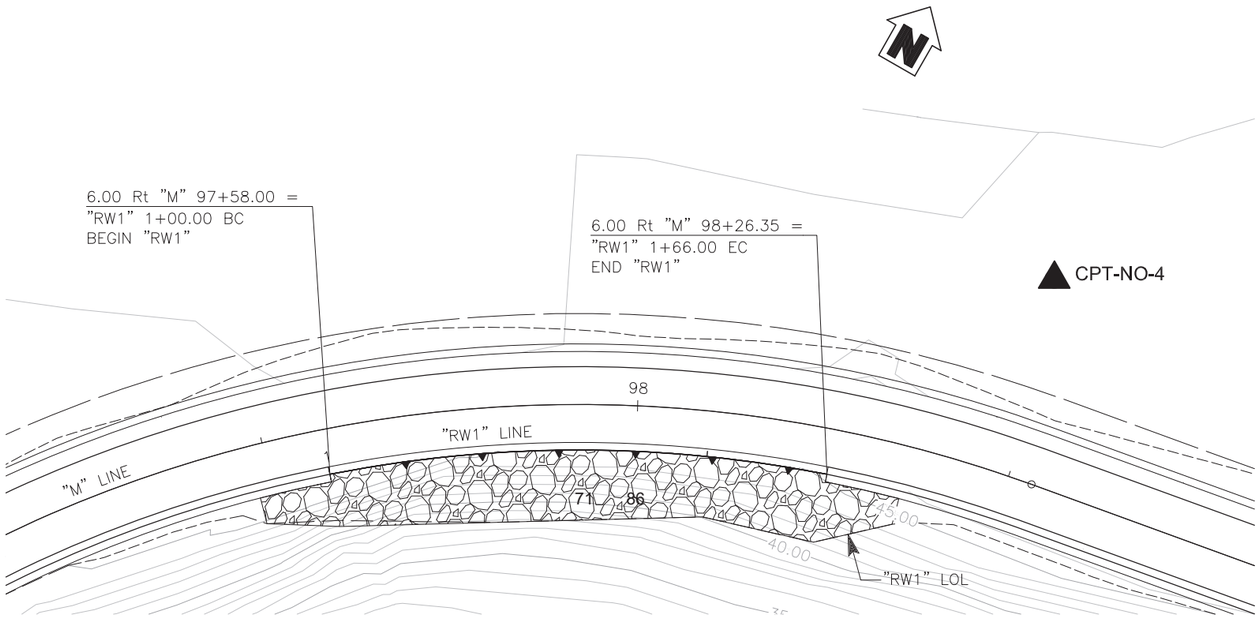
REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — STATE OF CALIFORNIA

February 05, 2024
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-**12**

SHEET 71 OF 234

RETAINING WALL No. 1

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	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

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
				70	75

75

FILE => $REQUEST

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TIME PLOTTED => $TIME
DATE PLOTTED => $DATE
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-4	"M" Line	98+48 27' Lt.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	71	75

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

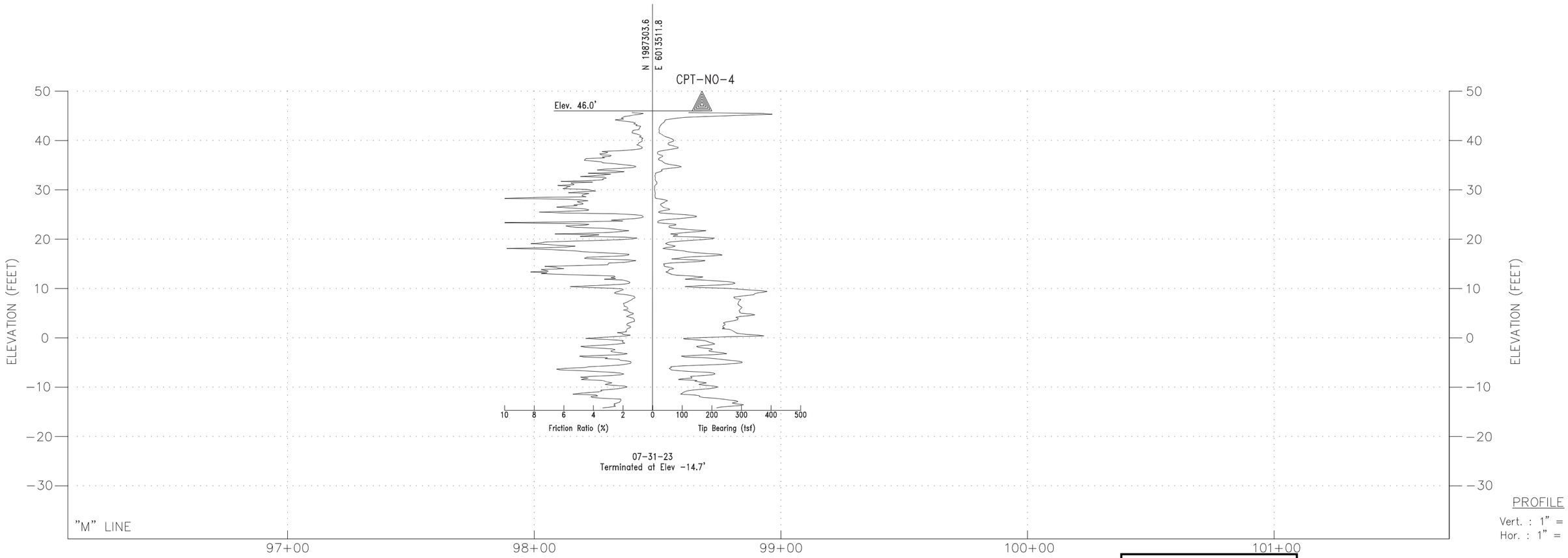
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/23 — GEOTECHNICAL — 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.

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 72 OF 234 — N-RW-13 — RETAINING WALL No. 1

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	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

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
				71	75

FILE => $REQUEST

S:\ACAD\2019-106\LOTB\RW1-z-lotb02.dwg, 11/17/2023 4:31 PM

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	72	75

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

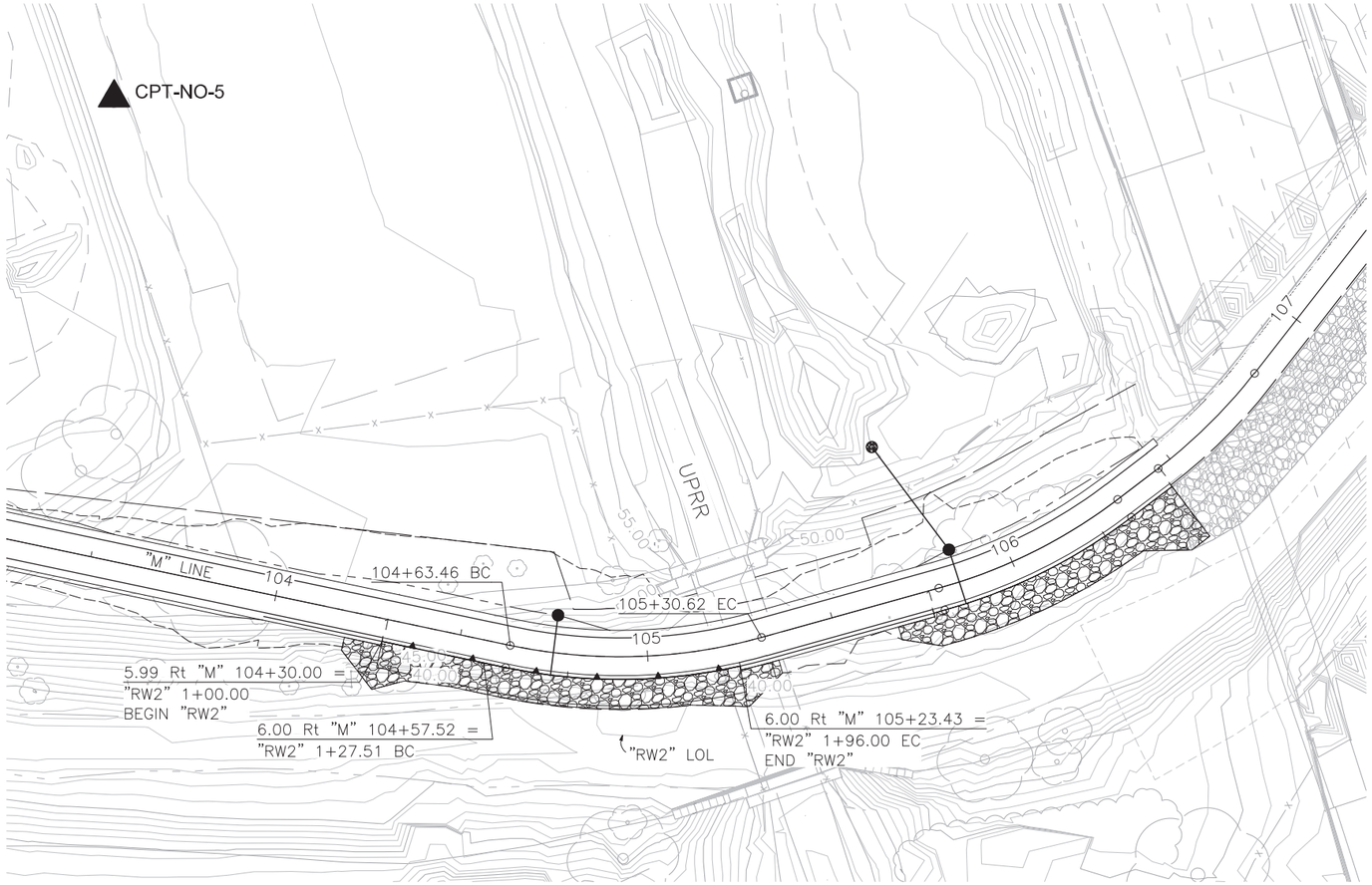
REGISTERED PROFESSIONAL ENGINEER
GARY PARIKH
No. G.E. 666
EXP. 12/31/23
GEOTECHNICAL
STATE OF CALIFORNIA

February 05, 2024
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" = 20'

SHEET 73 OF 234

N-RW-14

RETAINING WALL No. 3

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	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

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
				72	75

FILE => $REQUEST

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TIME PLOTTED => $TIME
DATE PLOTTED => $DATE
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	73	75

Gary Parikh
GEOTECHNICAL PROFESSIONAL

11-17-23
DATE

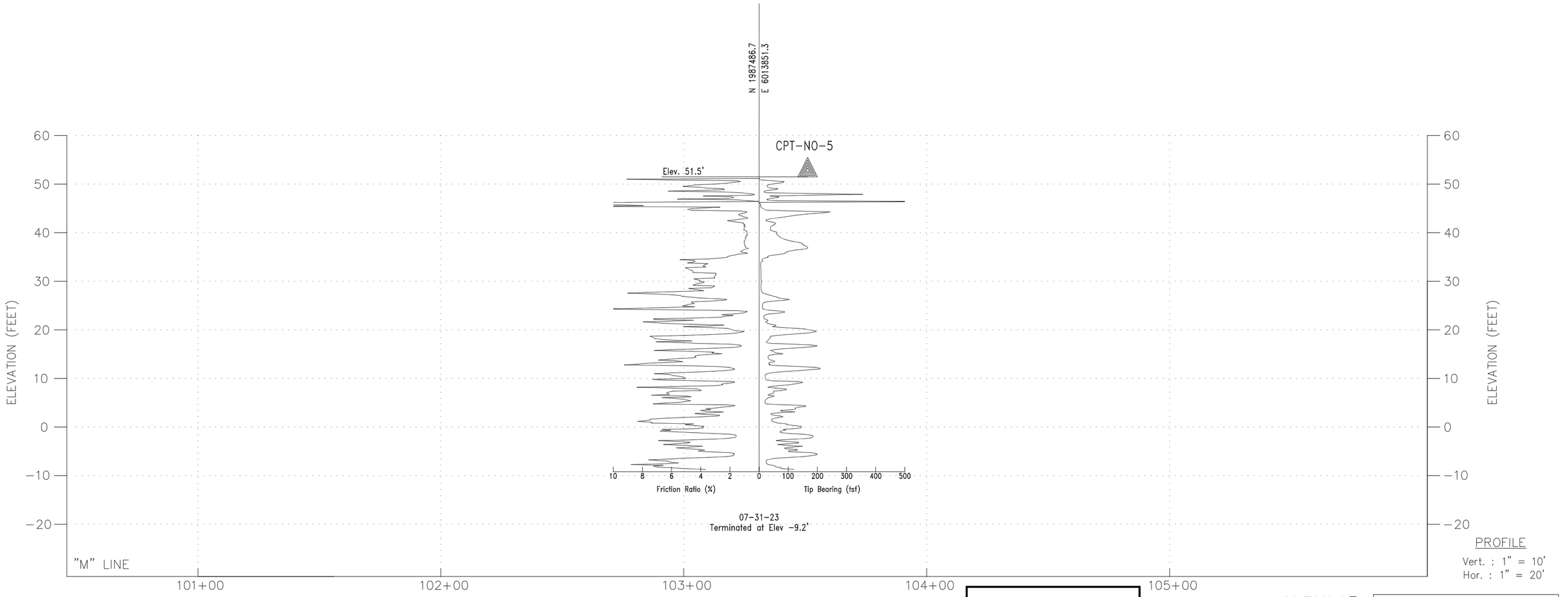
February 05, 2024
PLANS APPROVAL DATE

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 74 OF 234

N-RW-15 RETAINING WALL No.3

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	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

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
				73	75

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78

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
5	SB	101	21.6	74	75

GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

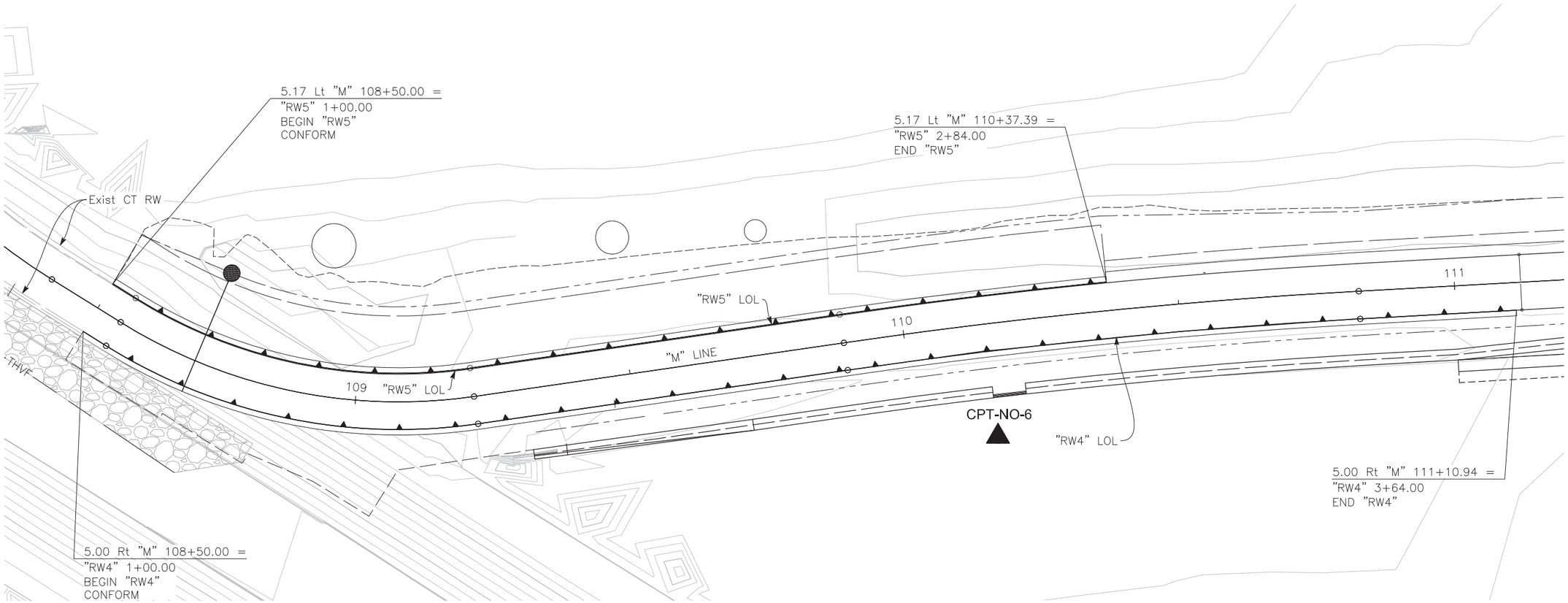
REGISTERED PROFESSIONAL ENGINEER
GARY PARIKH
No. G.E. 666
12/31/23
EXP. GEOTECHNICAL
STATE OF CALIFORNIA

February 05, 2024
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'

SHEET 75 OF 234 — N-RW-16 — RETAINING WALL No. 4 AND 5

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	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

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
				74	75

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	75	75

Gary Parikh
GEOTECHNICAL PROFESSIONAL — 11-17-23 DATE

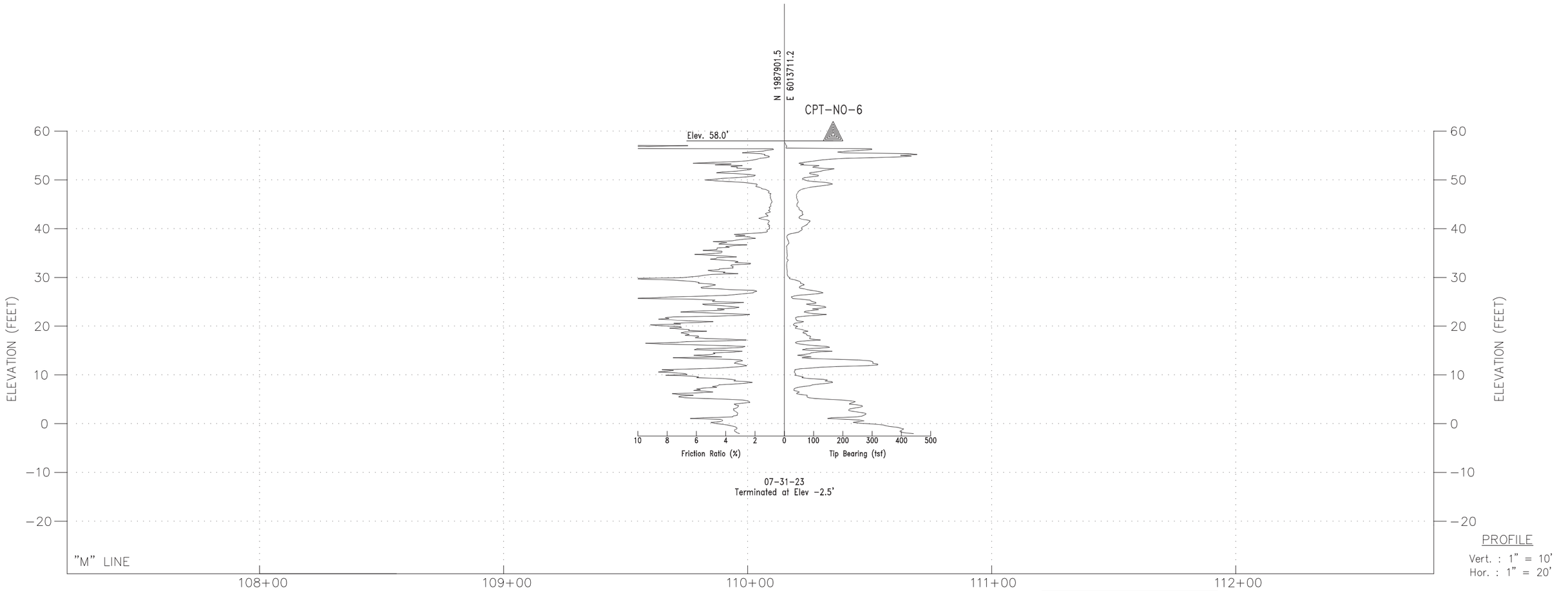
February 05, 2024
PLANS APPROVAL DATE

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 76 OF 234 N-RW-17 RETAINING WALL No. 4 AND 5

DESIGN OVERSIGHT	DRAWN BY	KIM OUYANG	C. LANGBEIN FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	EMRE ORTAKCI PROJECT ENGINEER
SIGN OFF DATE	CHECKED BY	EMRE ORTAKCI	DATE: JULY 2023		POST MILES

BRIDGE NO.

SAN JOSE CREEK MULTI-PURPOSE BIKE PATH (NORTHERN EXTENT)

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:
PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
				75	75

80

FILE => $REQUEST

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	1	158

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY AND CITY STREET SOUTHERN SEGMENT

IN SANTA BARBARA COUNTY IN AND NEAR THE CITY OF GOLETA ON ROUTE 217 FROM POSTMILE 1.0 TO POSTMILE 2.4 AND ALONG KELLOGG AVENUE NEAR EKWILL STREET

TO BE SUPPLEMENTED BY CALTRANS 2023 STANDARD PLANS
AND COUNTY OF SANTA BARBARA STANDARD DETAILS DATED SEPTEMBER 2011

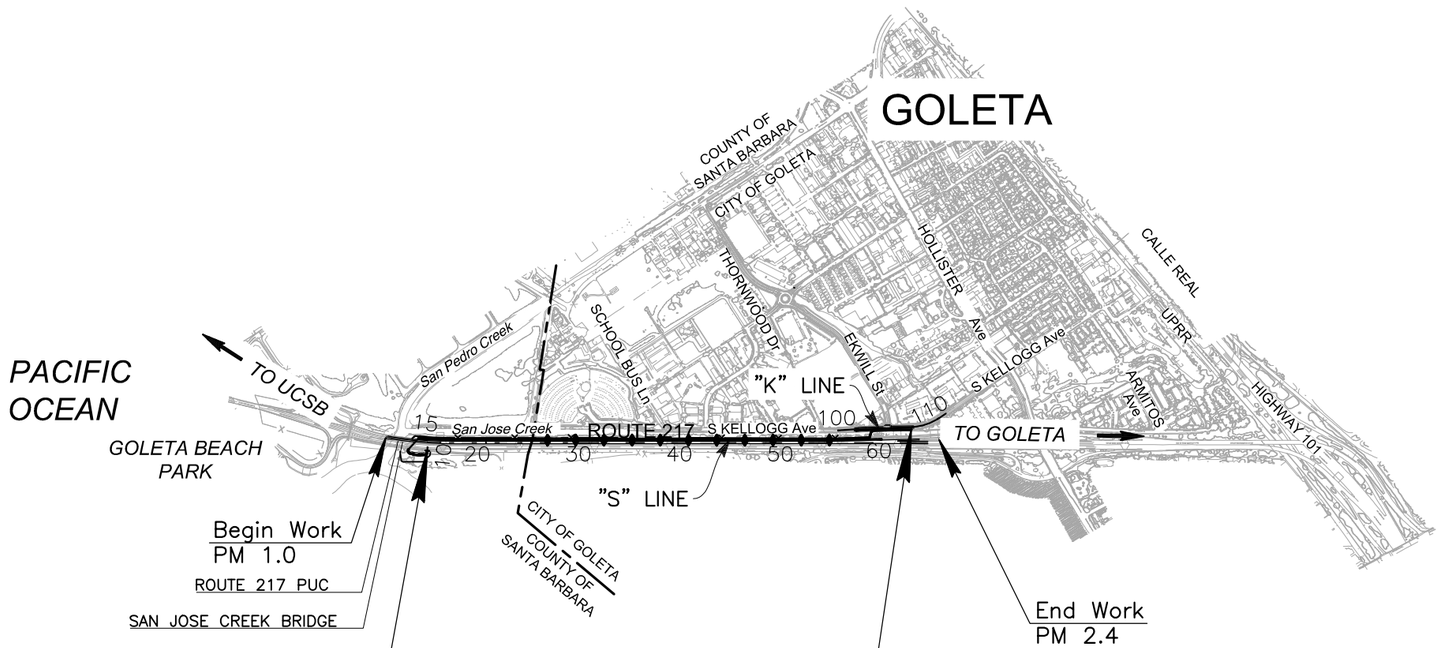


INDEX OF PLANS

SHEET	DRAWING	TITLE
1	S-T-1	TITLE SHEET
2-5	S-X-1 TO S-X-4	TYPICAL CROSS SECTIONS
6-16	S-PP-1 TO S-PP-11	PLAN AND PROFILE
17-33	S-C-1 TO S-C-17	CONSTRUCTION DETAILS
34-38	S-WPC-1 TO S-WPC-5	TEMPORARY WATER POLLUTION PLAN
39	S-WPCQ-1	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
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
111-127	S-ST-1 TO S-ST-17	RETAINING WALL
128-158	S-ST-1 TO S-ST-31	PEDESTRIAN OVERCROSSING



RECEIVED BY:
DocuSigned by:
Charles W. Ebeling 1/30/2024
CITY ENGINEER E31E293C325E400... DATE
ORIGINAL SIGNED DATE 1/30/2024
PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

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

01-15-24
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 6-30-25
STATE OF CALIFORNIA

02-05-24
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"

CONSULTANT DESIGN ENGINEER: JOSE SILVA — LICENSE Exp DATE: 12/31/25
CALTRANS DESIGN OVERSIGHT APPROVAL: KYLE BIRCH Kyle Birch — DATE SIGNED: 2/5/24
REGISTRATION No.: 74994

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

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-T-1.dwg, 1/26/2024 12:51 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

CONTRACT No. 05-1K6304
PROJECT ID 0518000229

LAST REVISION 01-15-24 — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME

SHEET 77 OF 234

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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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.

LIST OF ABBREVIATIONS

BOC = BACK OF CURB
BOW = BACK OF SIDEWALK

ROUTE 217 DESIGN DESIGNATION

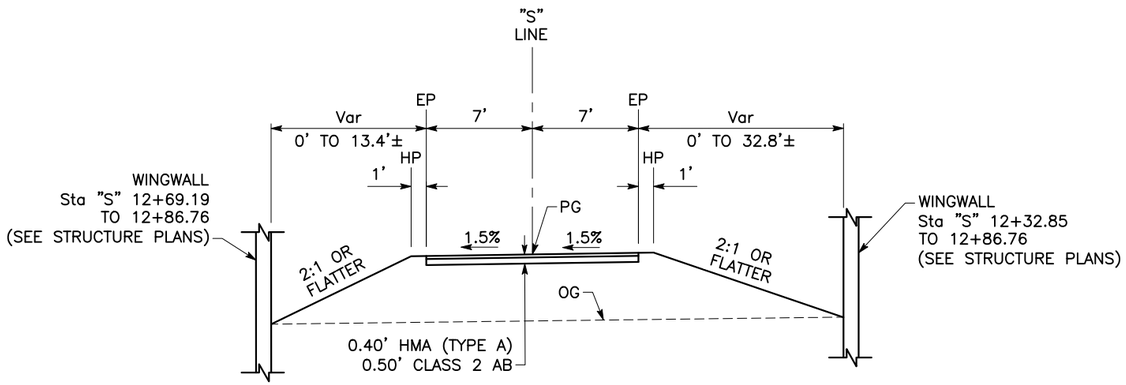
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ADT (2045)	12,155	T	8.0%
DHV	1,053	V	65 MPH
ESAL	2,400,000	TI_{20}	10.0

SOUTH KELLOGG AVENUE DESIGN DESIGNATION

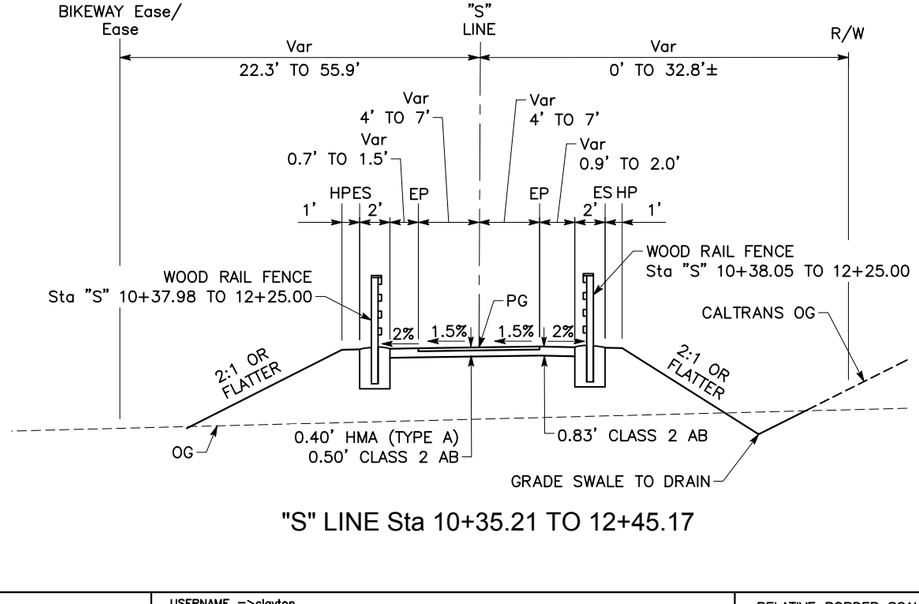
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V=45 MPH

MULTI PURPOSE TRAIL DESIGN DESIGNATION

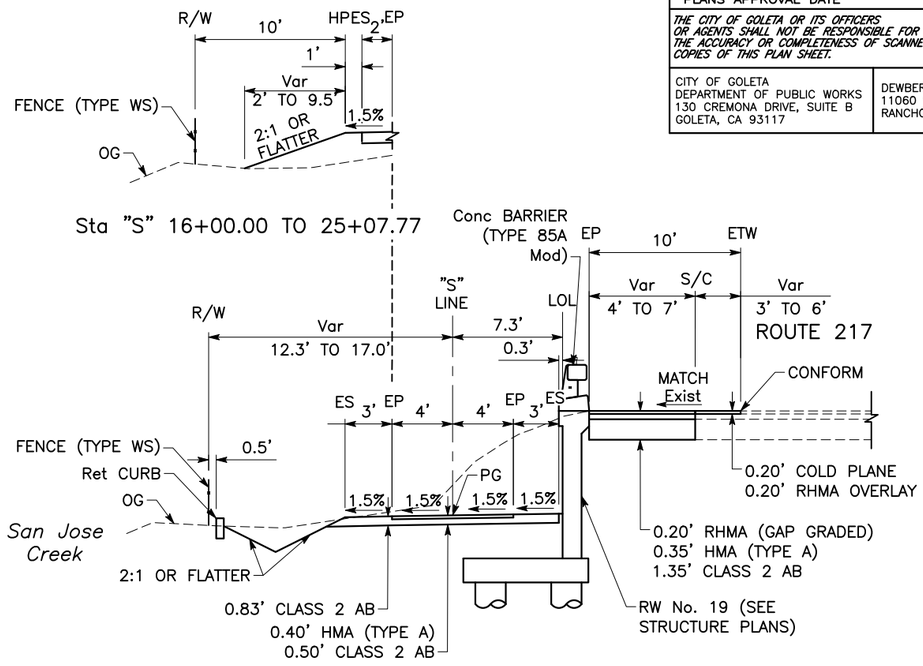
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V=20 MPH



"S" LINE Sta 12+45.17 TO 12+86.76 (BEGIN CULVERT)

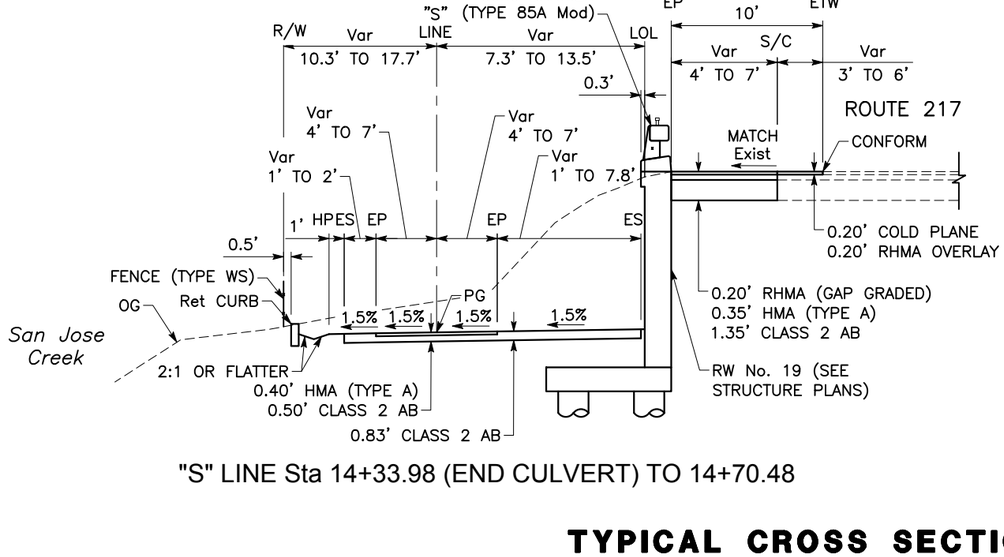


"S" LINE Sta 10+35.21 TO 12+45.17



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

SHEET 78 OF 234

82S-X-1

REVISED BY	DATE REVISED
BRYAN STONE	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, 1/30/2024 4:34 PM

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:34 pm
LAST REVISION 01-15-24

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	3	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

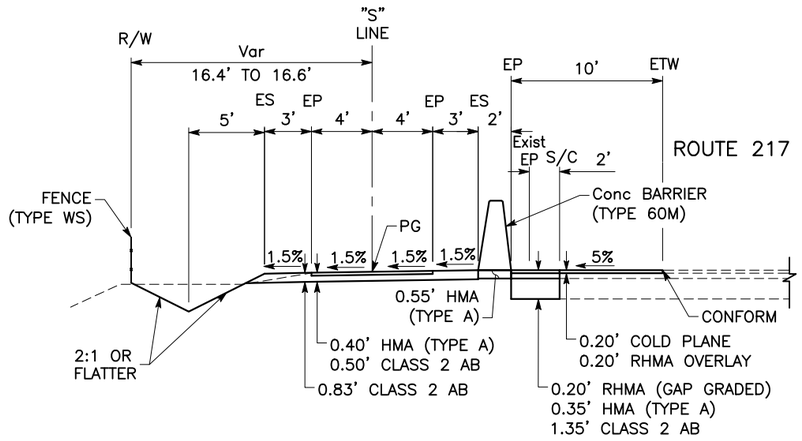
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

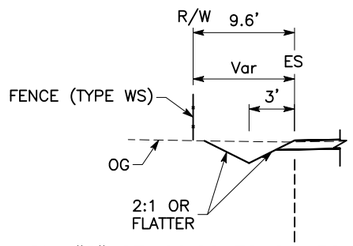
THE CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

DEWBERRY ENGINEERS, INC.
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RANCHO CORDOVA, CA 95670

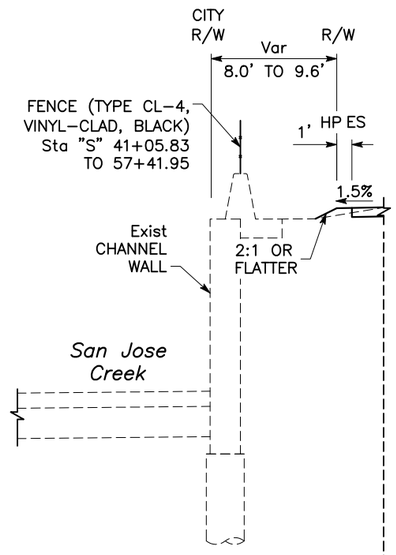


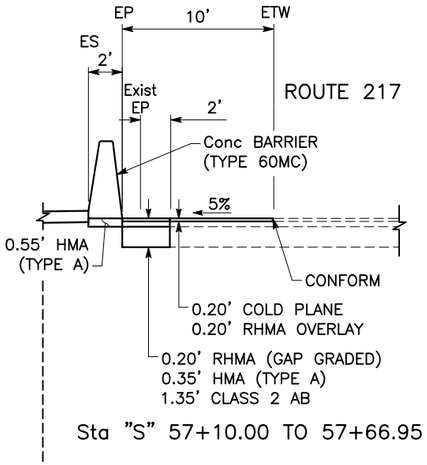
"S" LINE Sta 28+50.00 TO 34+09.30



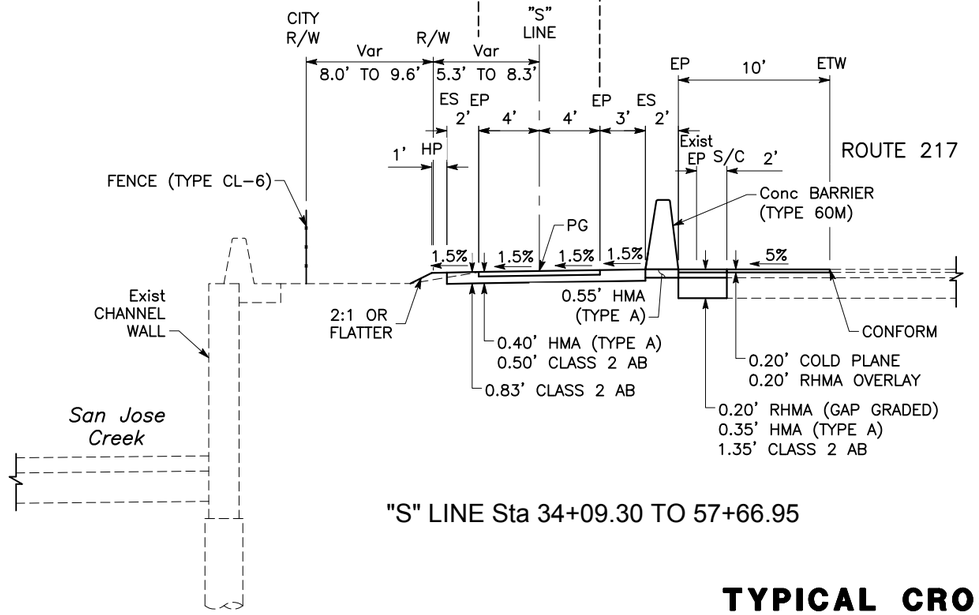
Sta "S" 27+00.00 TO 28+50.00

"S" LINE Sta 25+07.88 TO 28+50.00





Sta "S" 57+10.00 TO 57+66.95



"S" LINE Sta 34+09.30 TO 57+66.95

TYPICAL CROSS SECTIONS

NO SCALE

SHEET 79 OF 234

83 S-X-2

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:34 pm

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BORDER LAST REVISED 7/2/2010
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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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

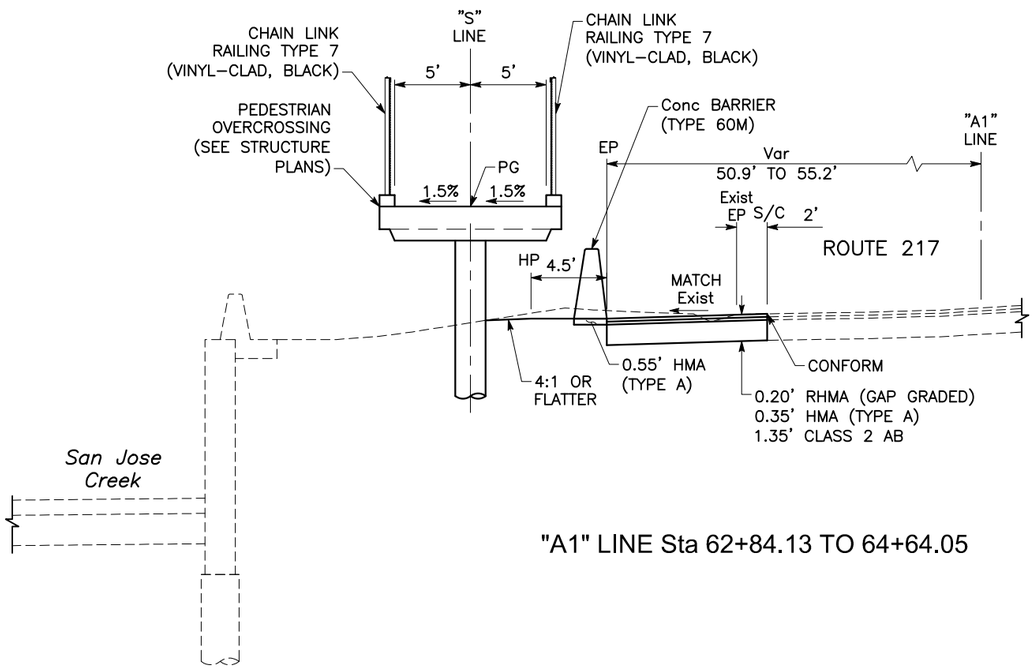
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

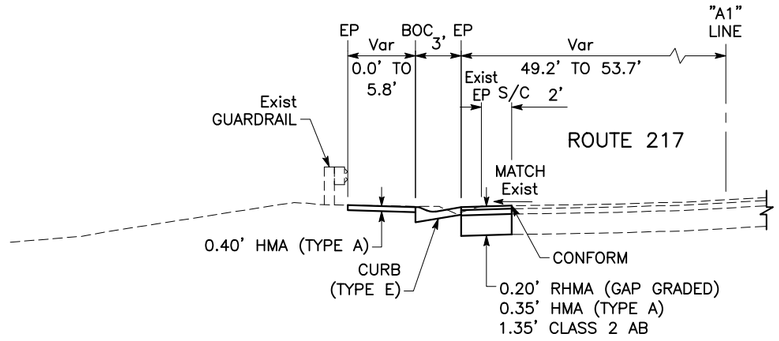
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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

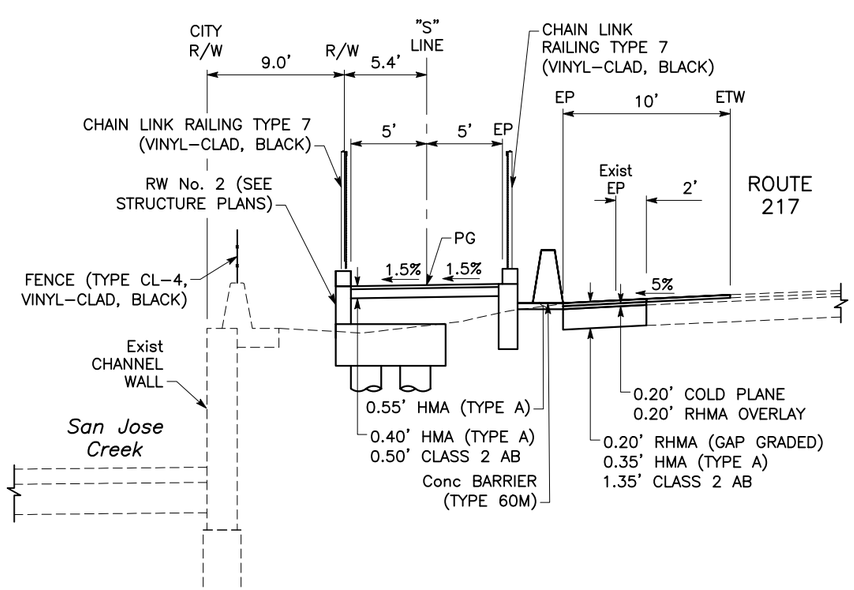
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



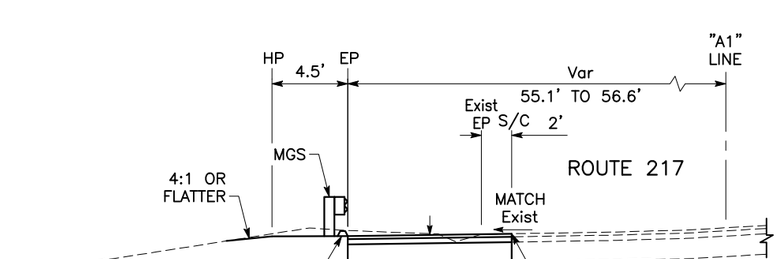
"A1" LINE Sta 62+84.13 TO 64+64.05



"A1" LINE Sta 65+13.67 TO 65+63.54



"S" LINE Sta 57+66.95 TO 57+91.95



"A1" LINE Sta 64+64.05 TO 65+13.67

TYPICAL CROSS SECTIONS

NO SCALE

SHEET 80 OF 234

8S-X-3

REVISED BY	DATE REVISED
BRYAN STONE	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-X1-X3.dwg, 1/30/2024 5:29 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 5:29 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	5	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

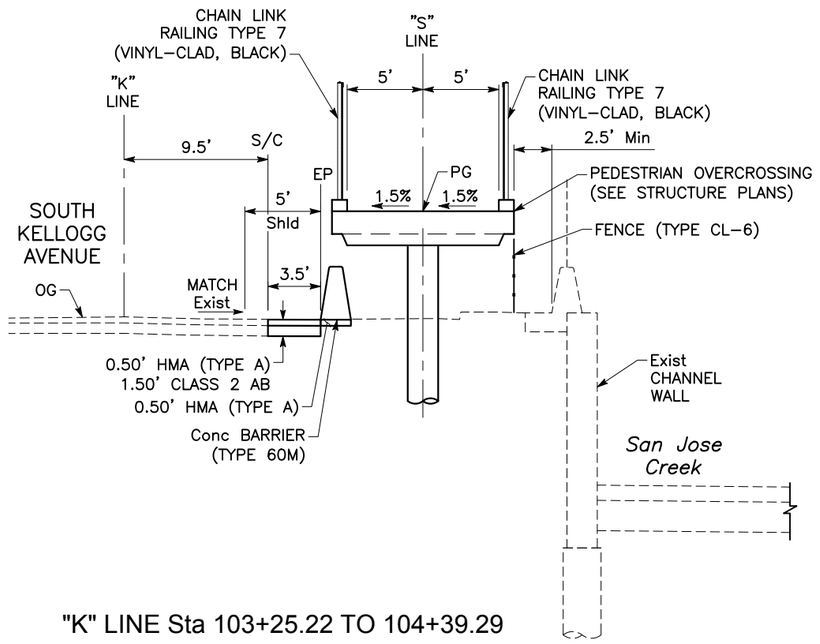
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

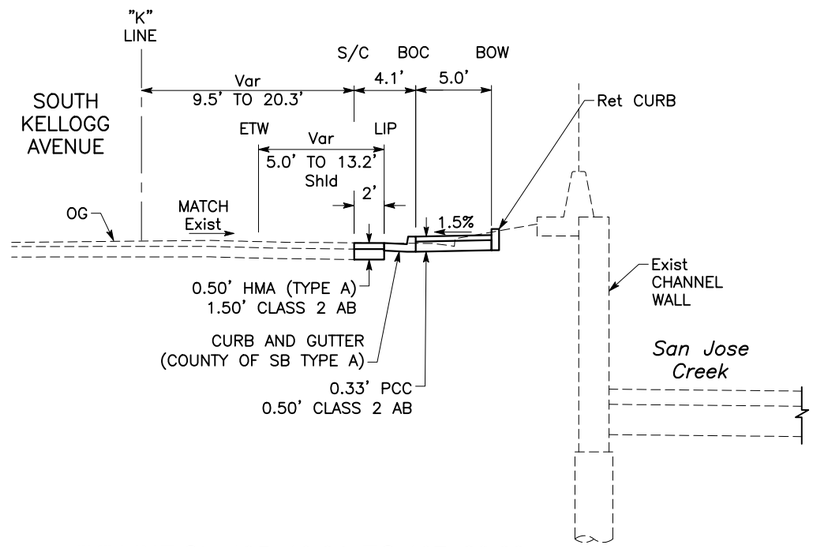
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

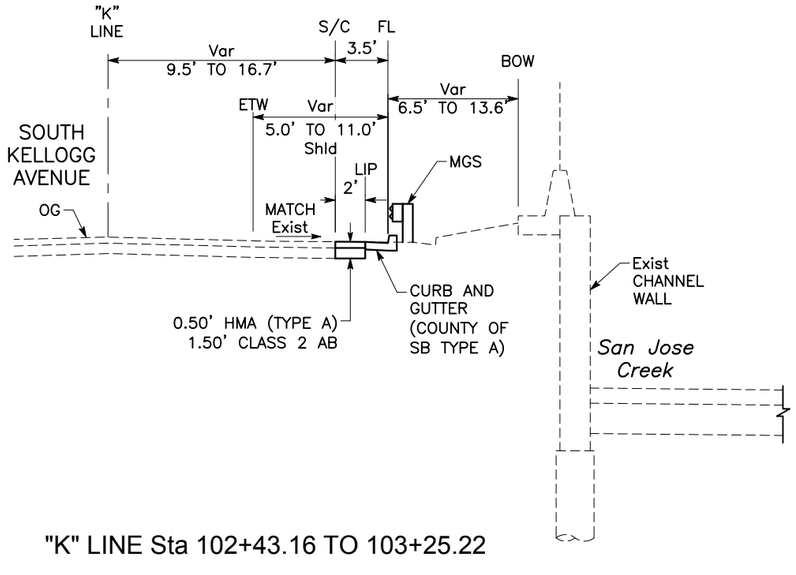
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



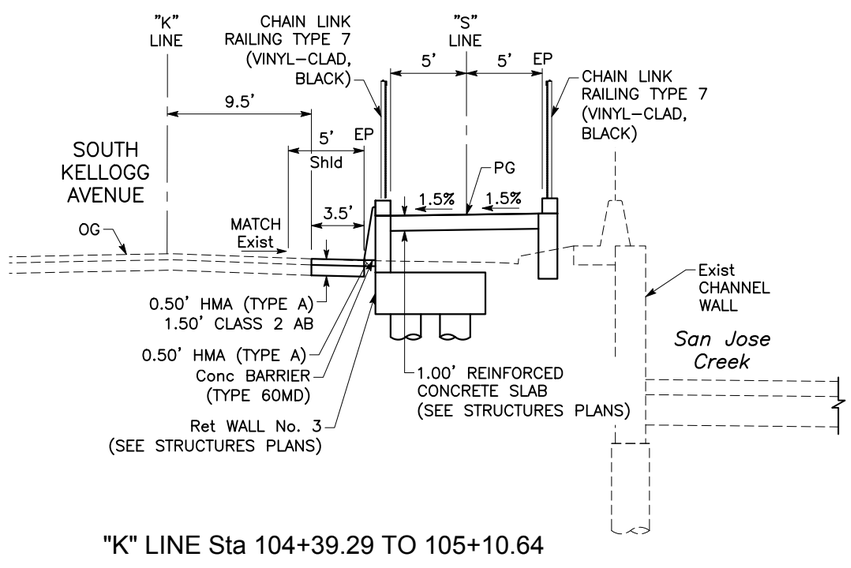
"K" LINE Sta 103+25.22 TO 104+39.29



"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

SHEET 81 OF 234

8S-X-4

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, 1/30/2024 4:34 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
DRAWN BY

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:34 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

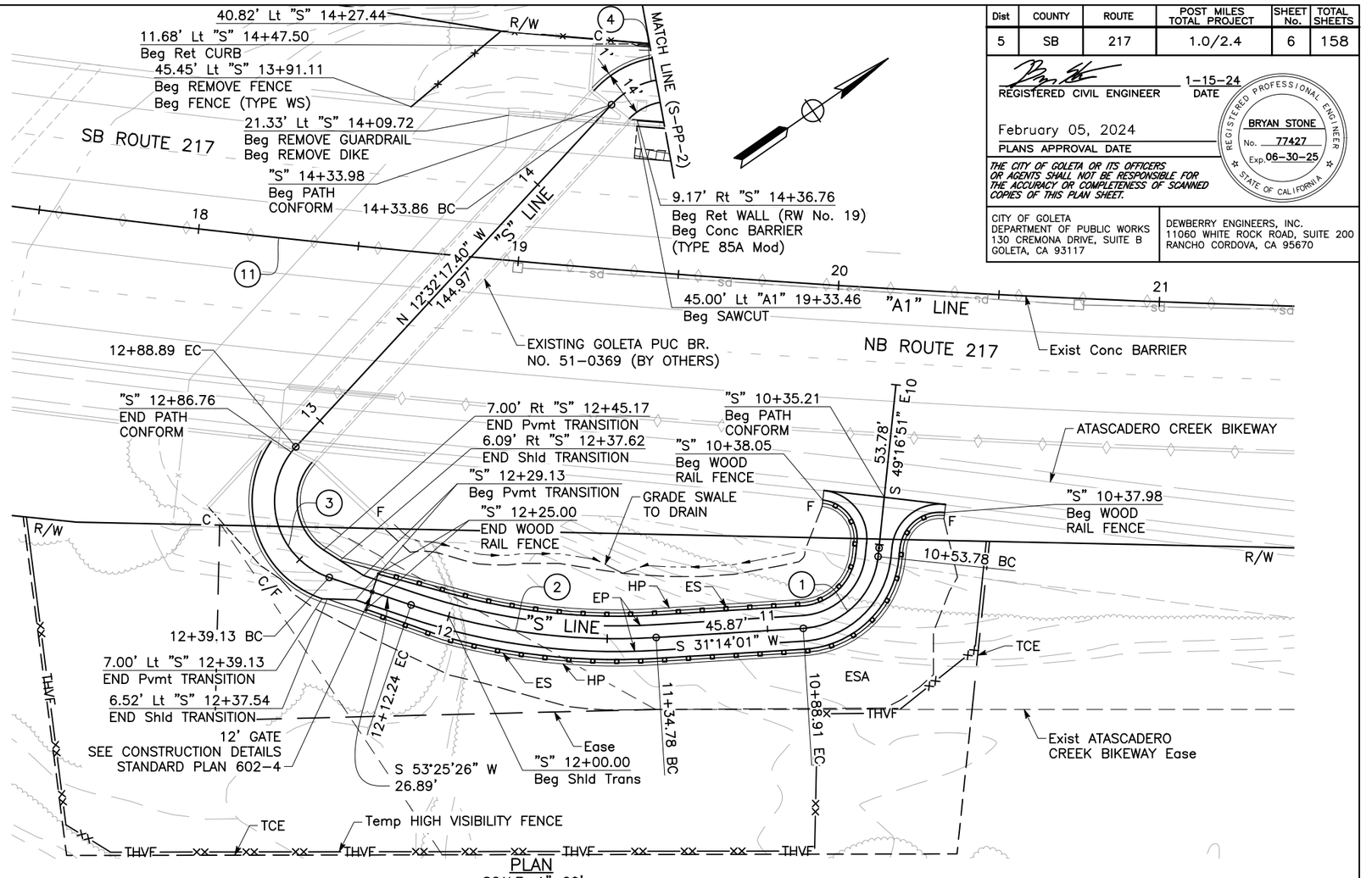
NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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).

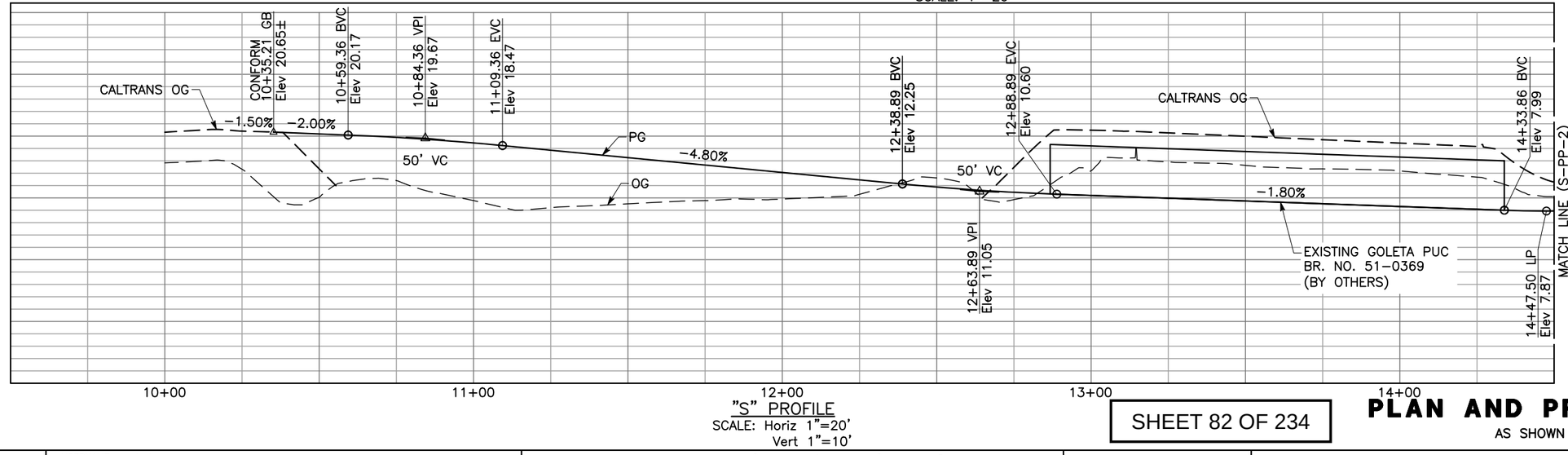
CURVE DATA				
No.	R	Δ	T	L
1	25'	80°30'51"	21.17'	35.13'
2	200'	22°11'26"	39.22'	77.46'
3	25'	114°02'16"	38.52'	49.76'
4	25'	60°47'53"	14.67'	26.53'
11	4000'	13°48'52"	484.56'	964.43'

ABBREVIATION:

GB GRADE BREAK



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	6	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — 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

REVISED BY	DATE REVISED

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

SHEET 82 OF 234

PLAN AND PROFILE

AS SHOWN

S-PP-1

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:12 pm

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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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	7	158

NOTES:

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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'	10°16'21"	39.55'	78.89'
6	3946'	3°14'08"	111.45'	222.83'

1-15-24
REGISTERED CIVIL ENGINEER — DATE

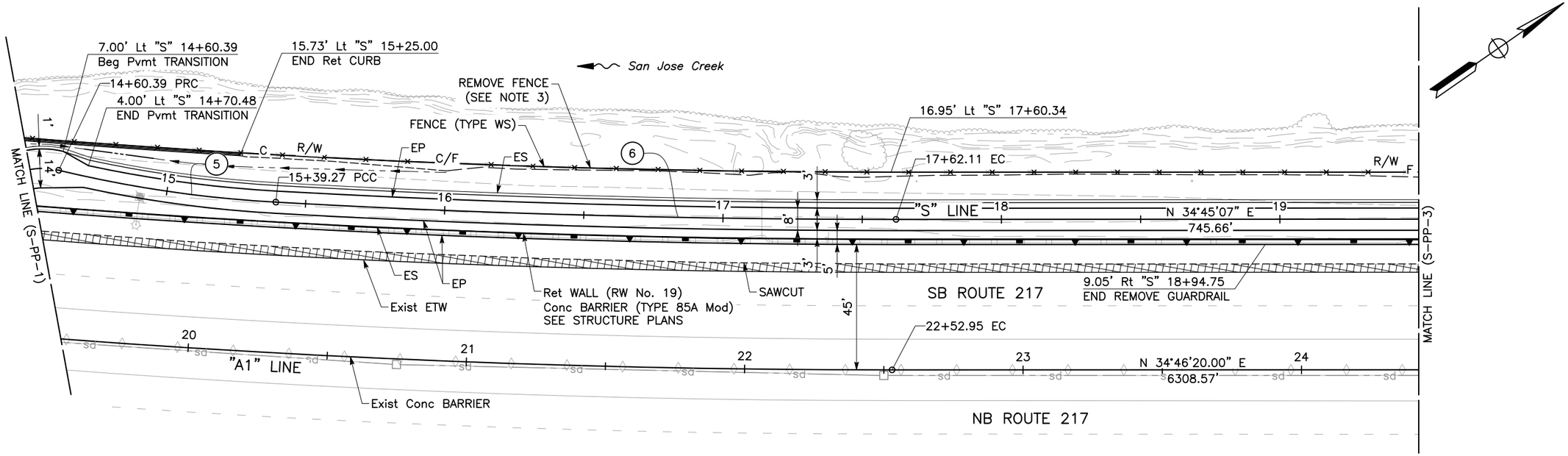
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

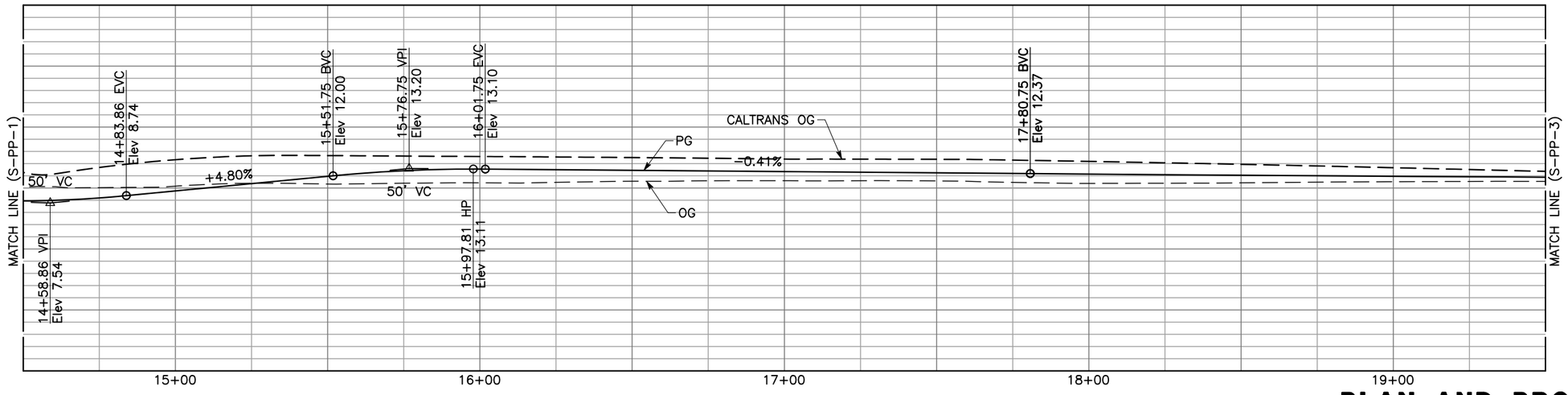
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 83 OF 234

PLAN AND PROFILE
AS SHOWN

S7-PP-2

REVISED BY	DATE REVISED

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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:12 pm

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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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	8	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

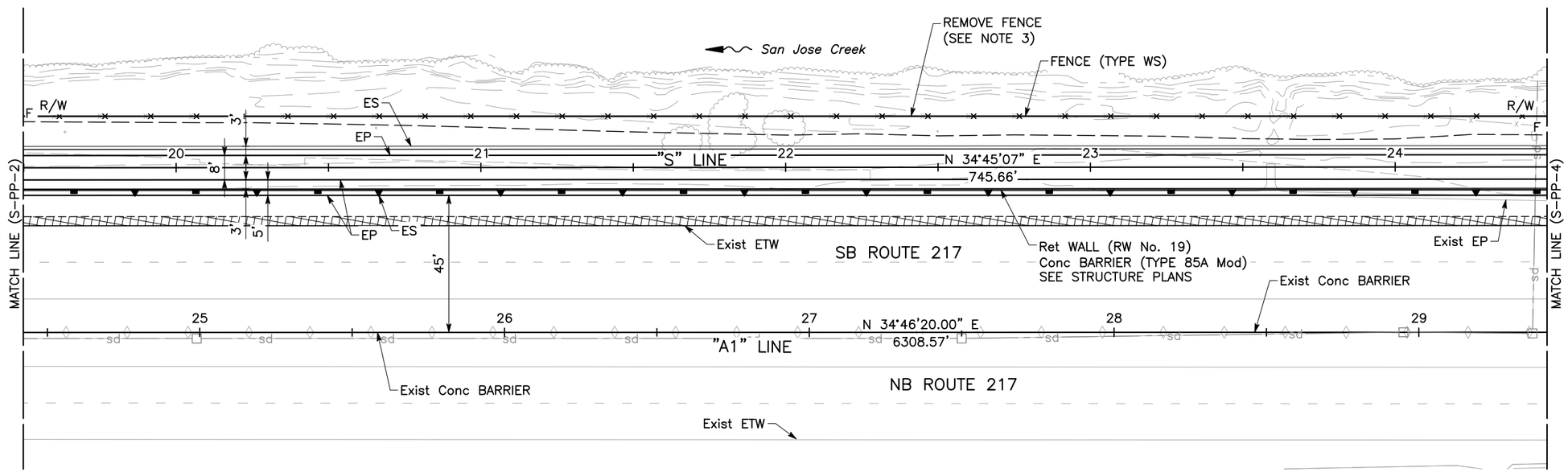
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

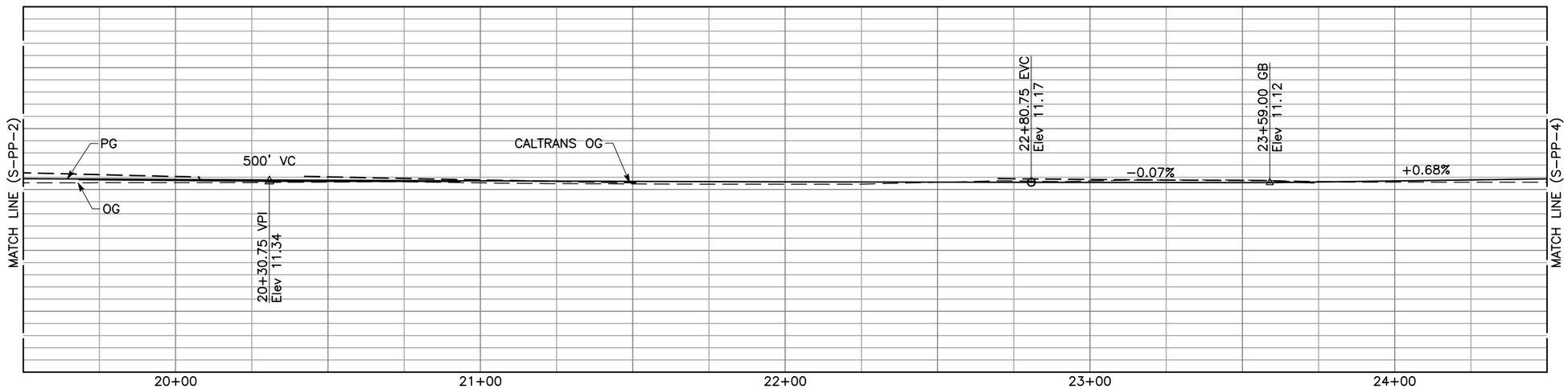
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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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 84 OF 234

PLAN AND PROFILE
AS SHOWN

S&PP-3

REVISED BY	DATE REVISED

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

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:13 pm
LAST REVISION 01-15-24

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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:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	9	158

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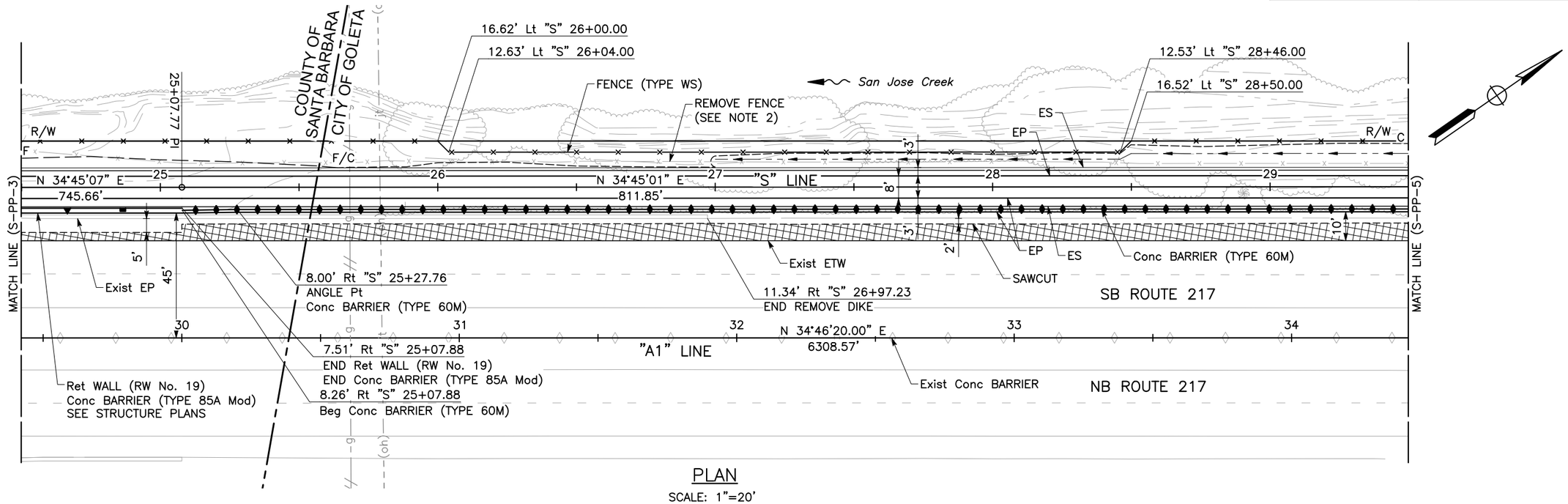
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

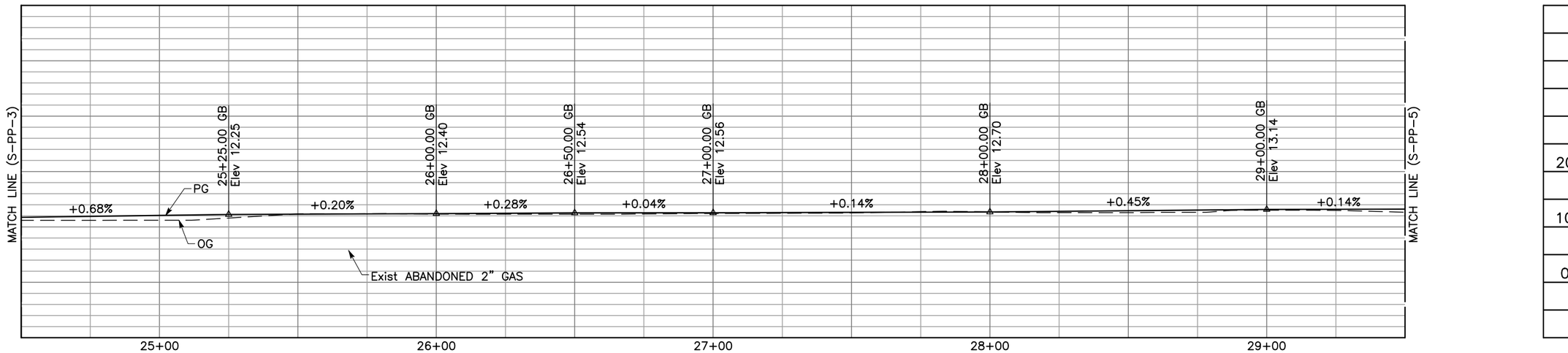
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 85 OF 234

PLAN AND PROFILE
AS SHOWN

S9-PP-4

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 1/30/2024 3:13 PM

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:13 pm

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
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

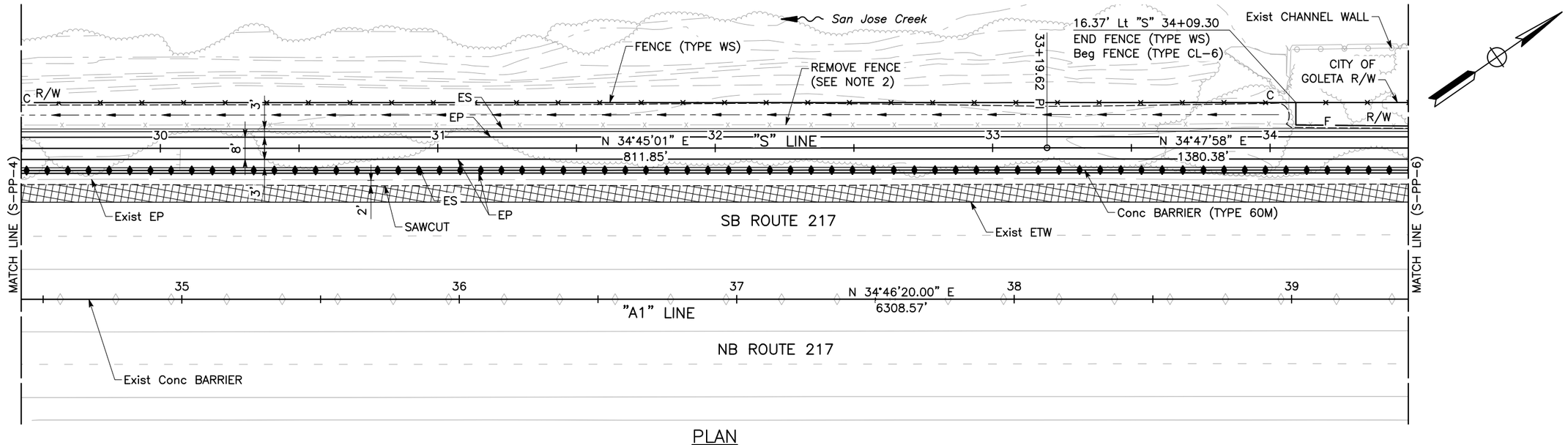
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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

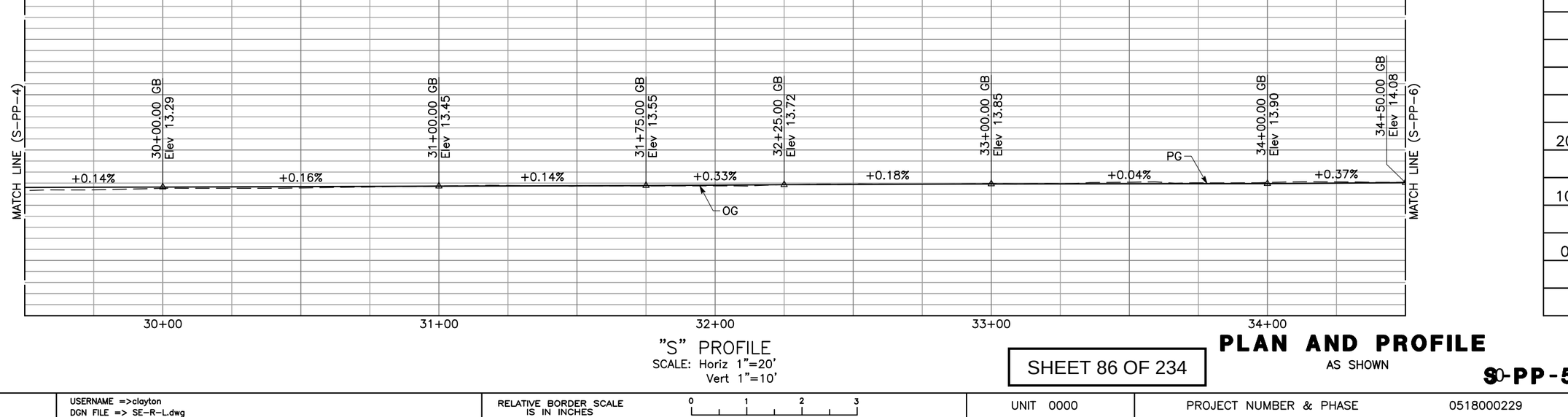
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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'

SHEET 86 OF 234

PLAN AND PROFILE
AS SHOWN

S0-PP-5

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 1/30/2024 3:13 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:13 pm

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:

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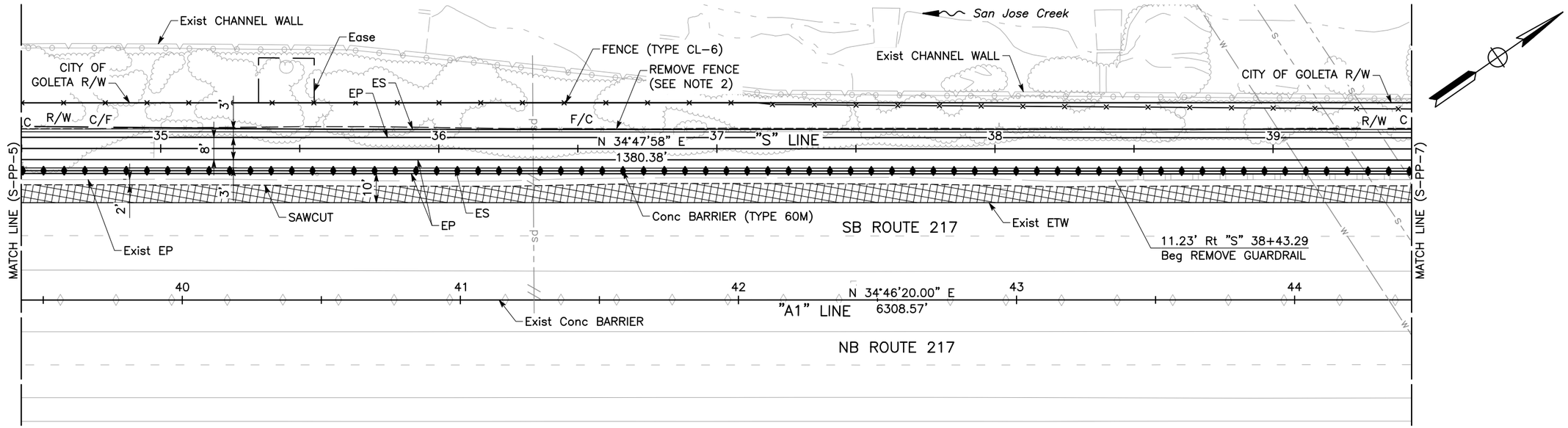
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

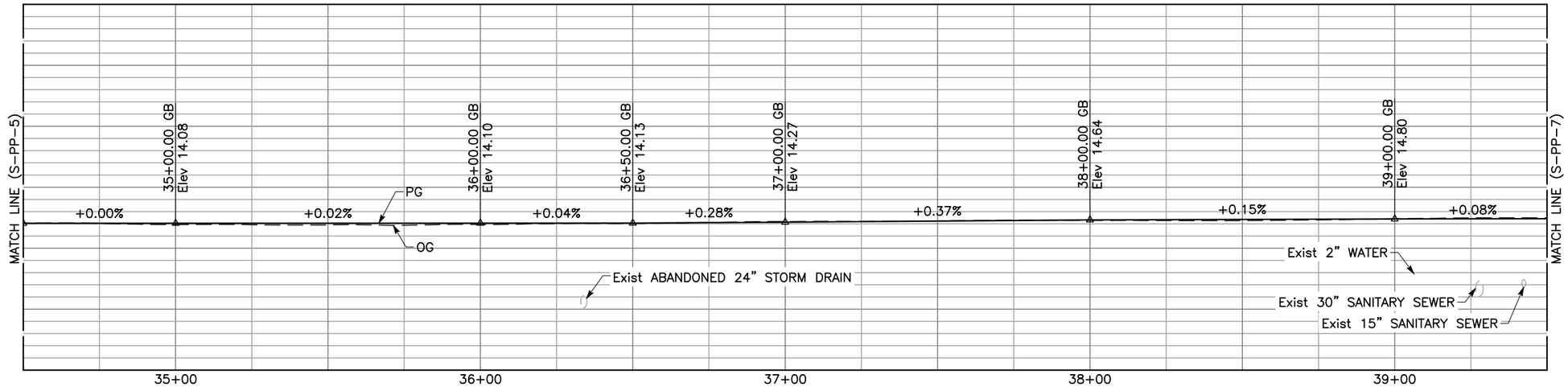
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

SHEET 87 OF 234

PLAN AND PROFILE
AS SHOWN

S1-PP-6

REVISED BY | DATE REVISED
BRYAN STONE | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:14 pm
LAST REVISION 01-15-24

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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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	12	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

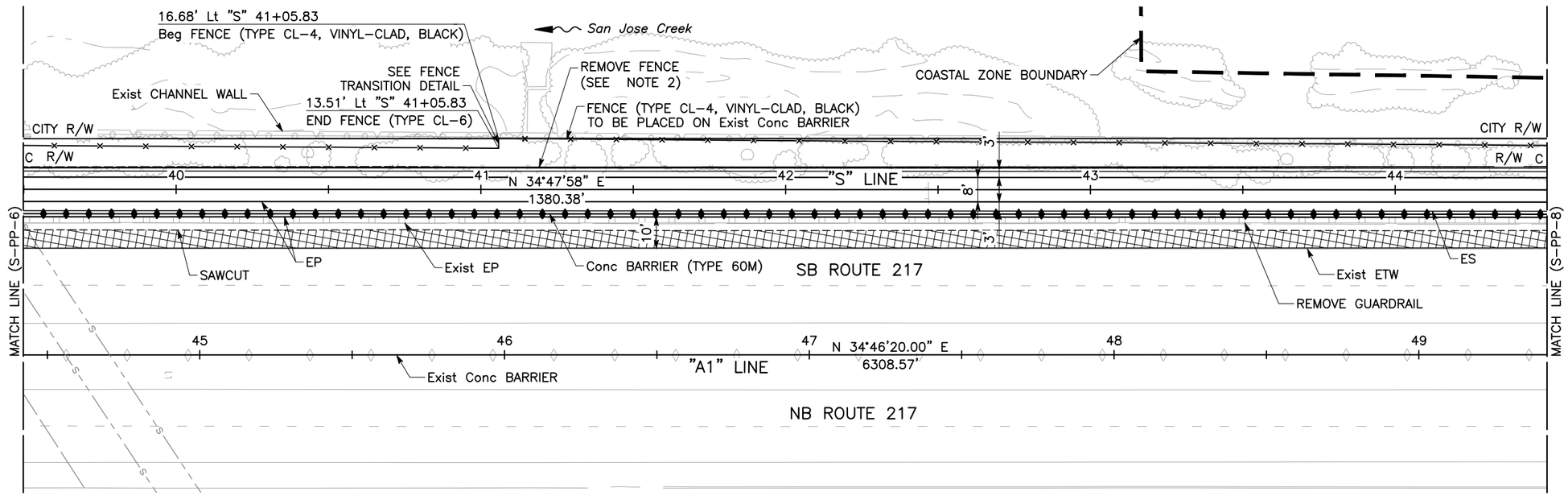
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

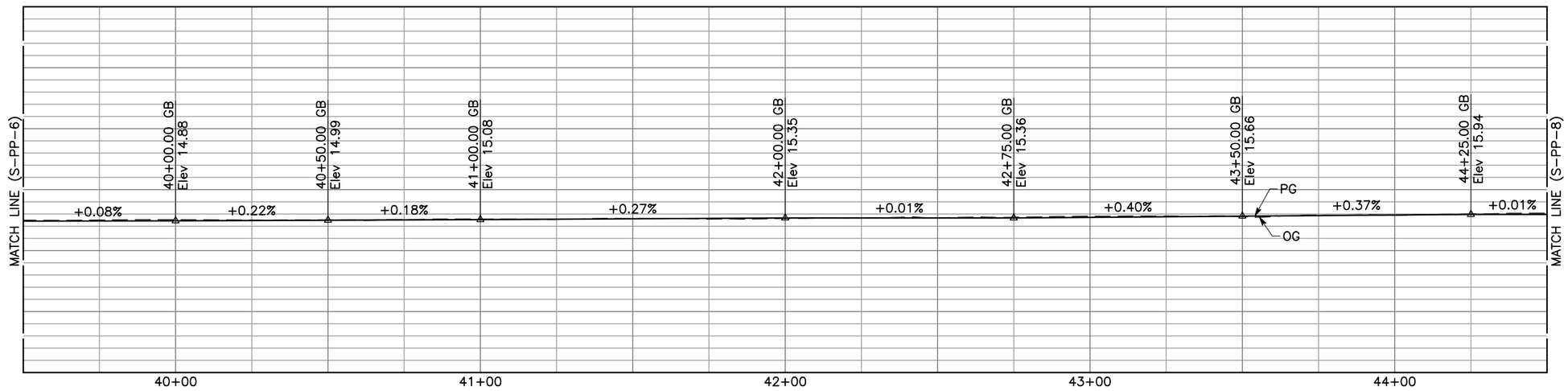
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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 88 OF 234

PLAN AND PROFILE
AS SHOWN

S2-PP-7

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 1/30/2024 3:14 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: JOSE SILVA
CHECKED BY: BRYAN STONE
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:14 pm

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	13	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

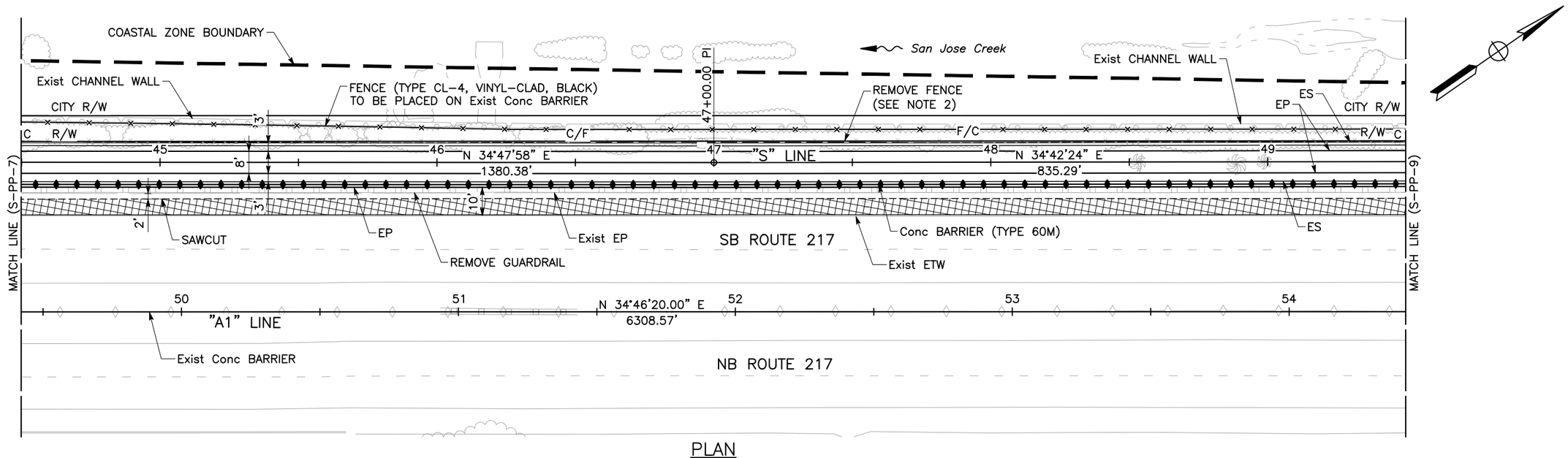
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

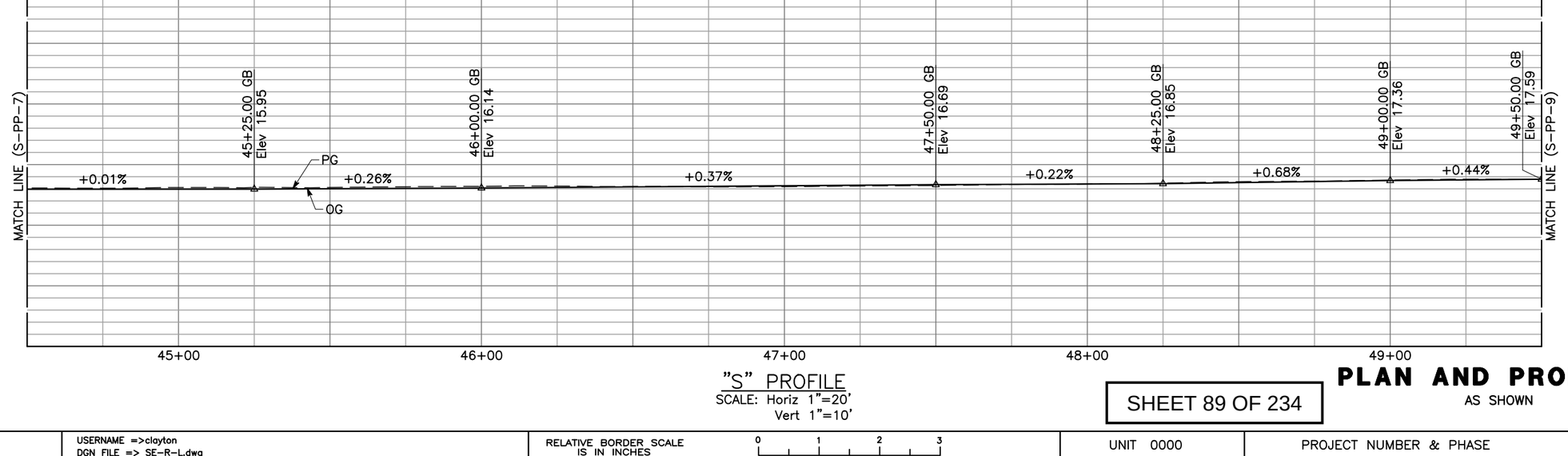
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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'

SHEET 89 OF 234

PLAN AND PROFILE
AS SHOWN

S3-PP-8

REVISED BY	DATE REVISED
BRYAN STONE	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, 1/30/2024 3:15 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:15 pm

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:

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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	14	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

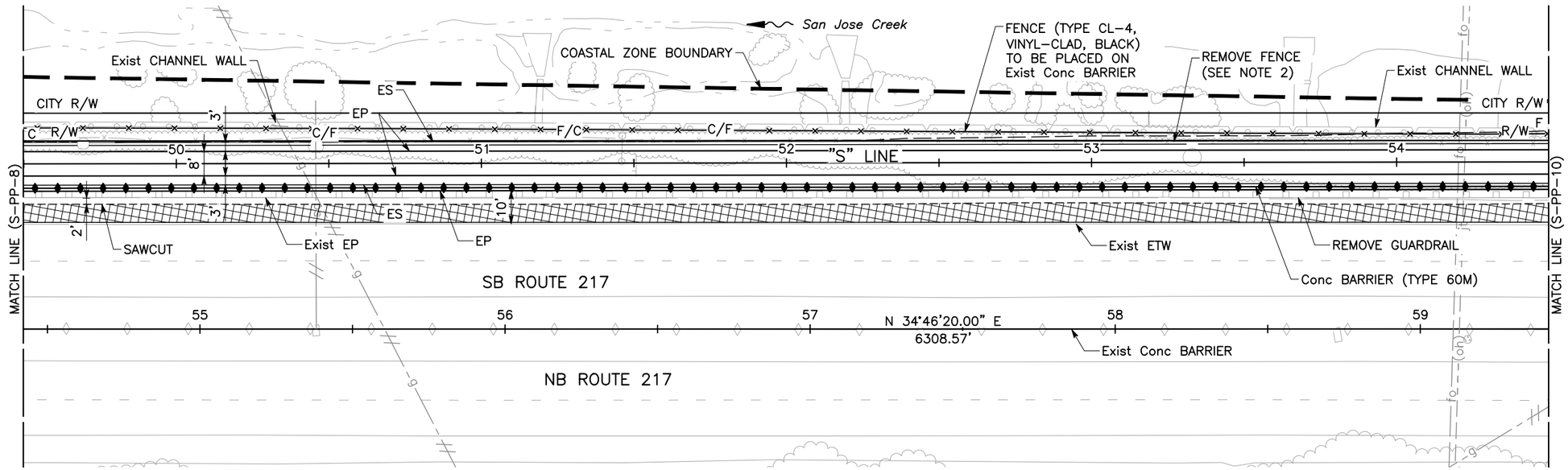
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

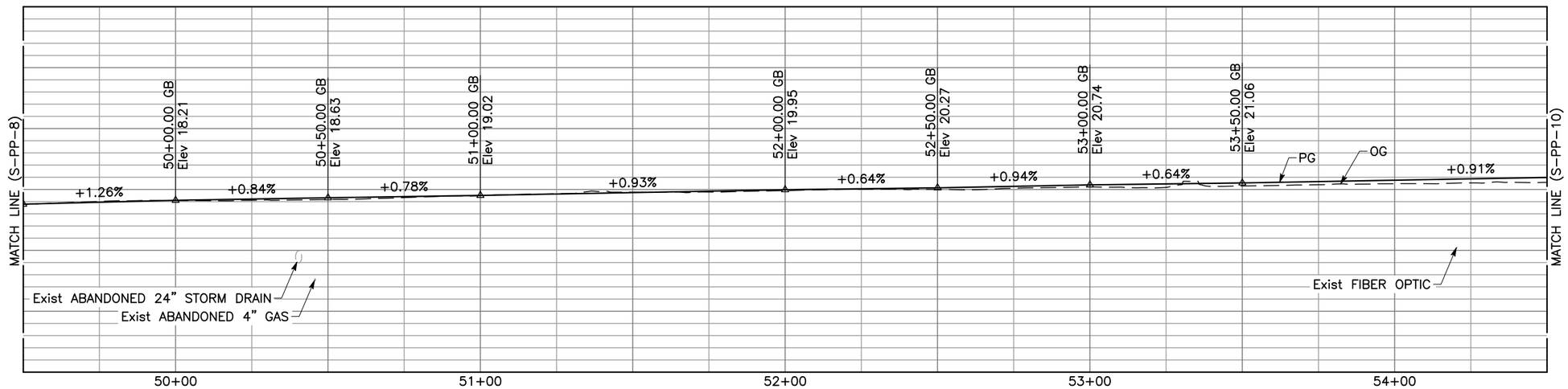
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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 90 OF 234

PLAN AND PROFILE
AS SHOWN

S4-PP-9

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 1/30/2024 3:15 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY / DATE REVISED

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:15 pm
LAST REVISION 01-15-24

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:

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CURVE DATA				
No.	R	Δ	T	L
7	4000'	1°17'29"	45.08'	90.16'
8	25'	72°36'42"	18.37'	31.68'
10	2000'	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	15	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

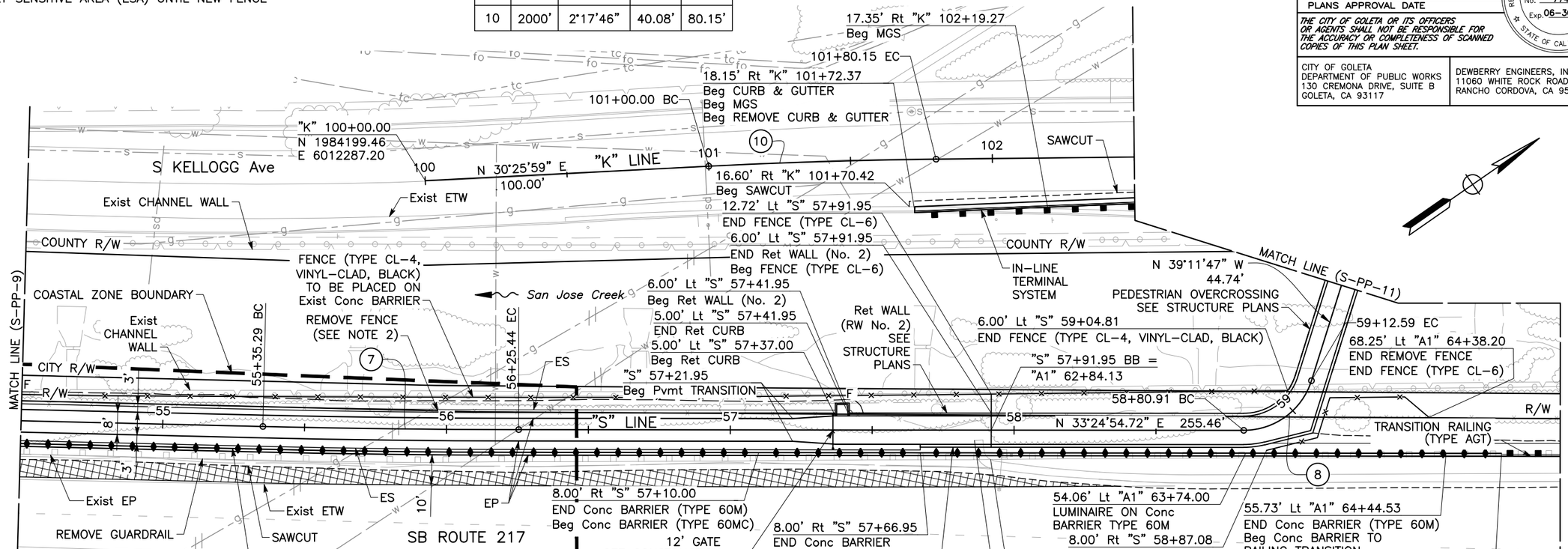
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

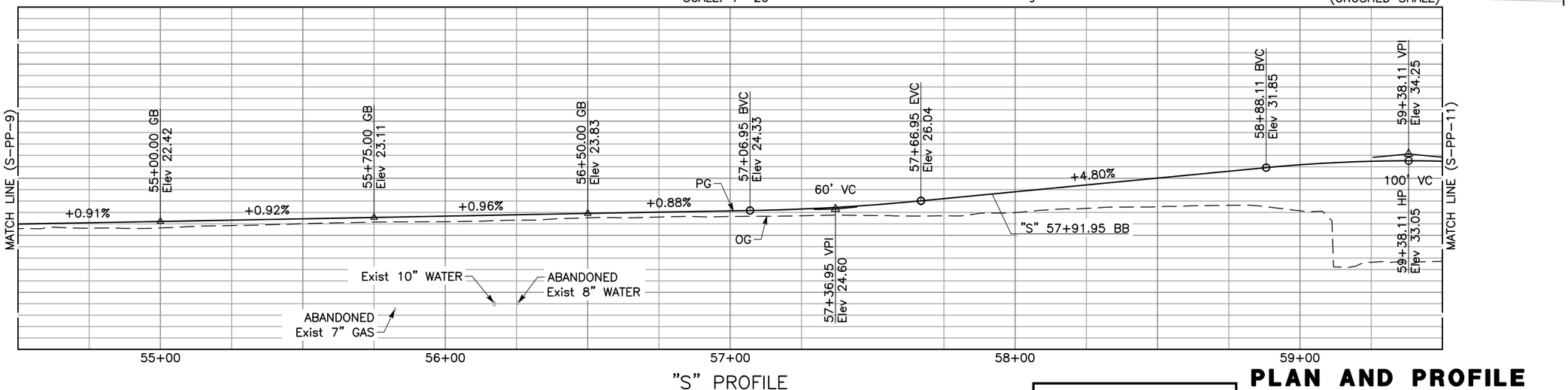
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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 91 OF 234

PLAN AND PROFILE
AS SHOWN

S91PP-10

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-L.dwg, 1/30/2024 7:50 PM

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

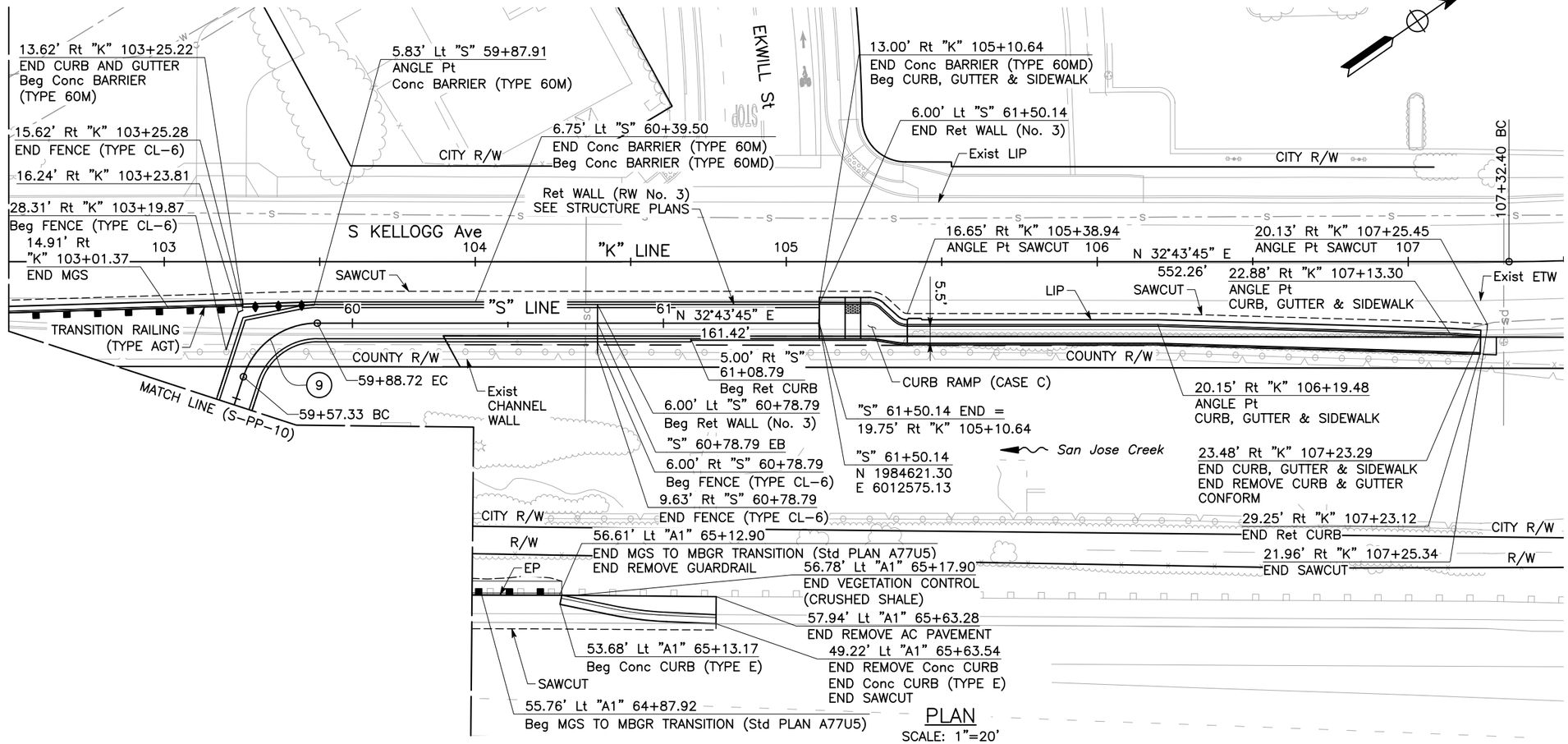
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 7:50 pm

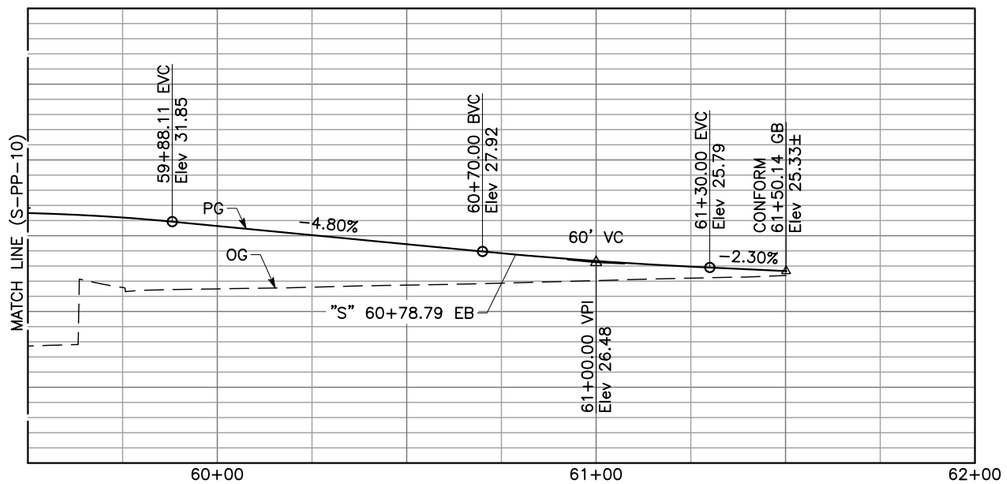
BORDER LAST REVISED 7/2/2010
USERNAME => clayton
DGN FILE => SE-R-L.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.



PLAN
SCALE: 1"=20'



"S" PROFILE
SCALE: Horiz 1"=20'
Vert 1"=10'

CURVE DATA				
No.	R	Δ	T	L
9	25'	71°55'33"	18.14'	31.38'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	16	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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
BRYAN STONE	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\SE-R-L.dwg, 1/30/2024 7:51 PM

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 7:51 pm

LAST REVISION 01-15-24

SHEET 92 OF 234

PLAN AND PROFILE

AS SHOWN

S96PP-11

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
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

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February 05, 2024
PLANS APPROVAL DATE

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

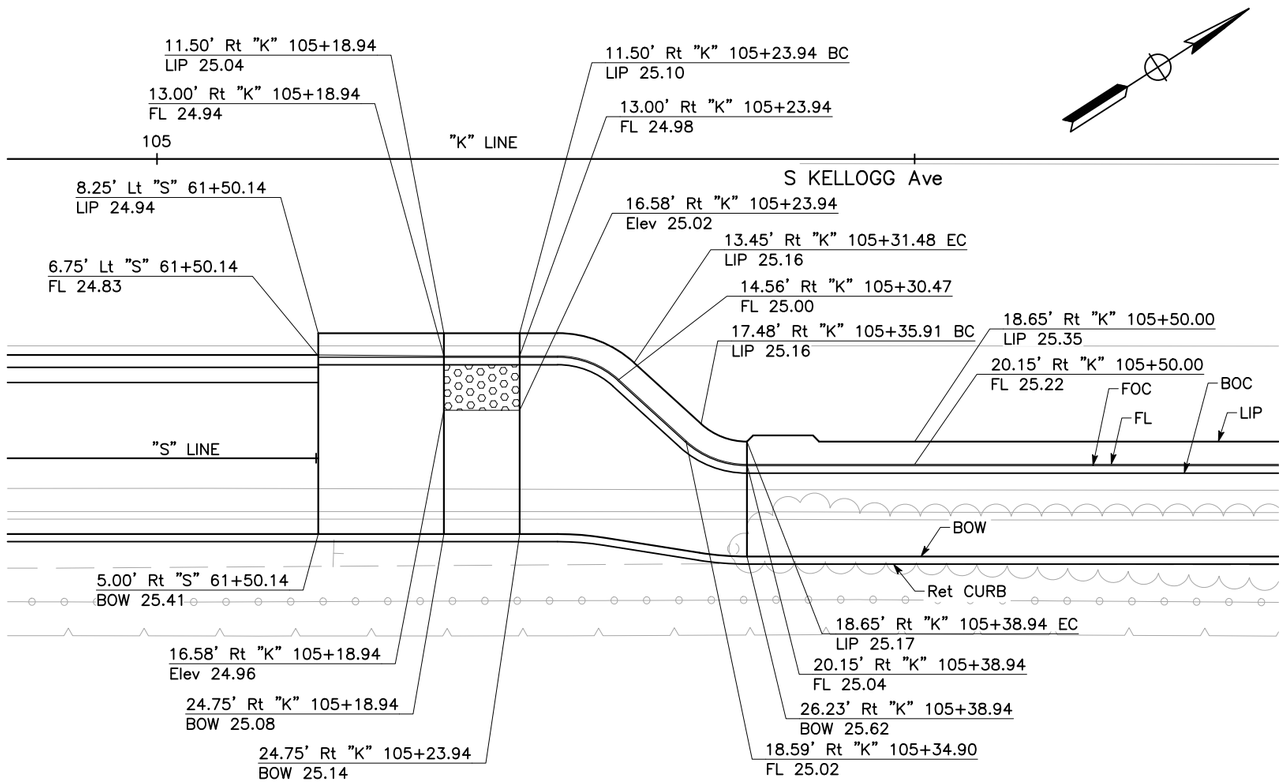
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

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.

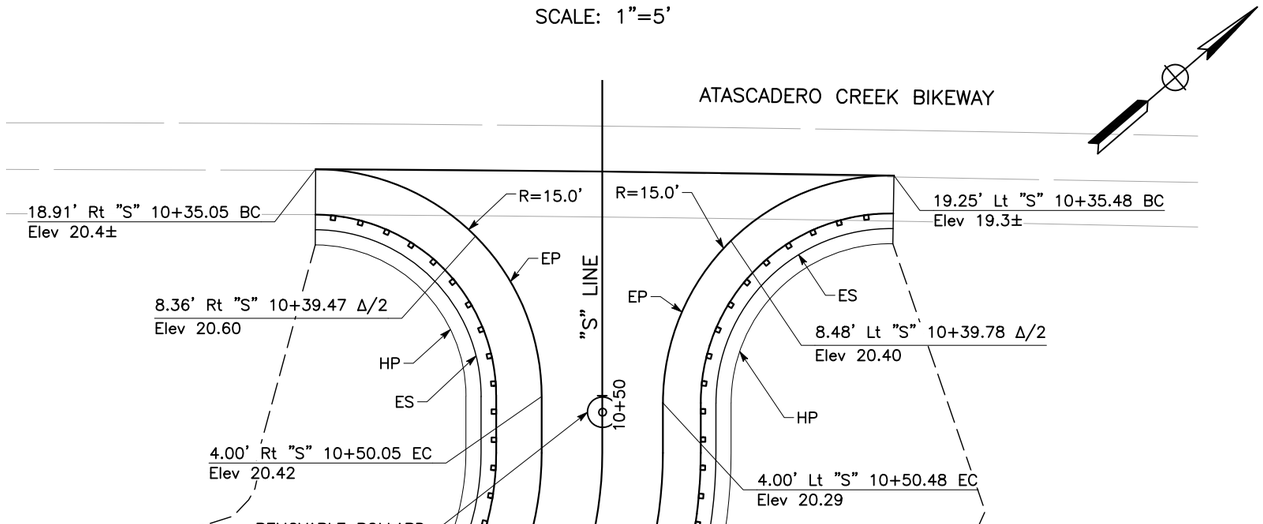
ABBREVIATIONS:

FOC	FACE OF CURB
BOC	BACK OF CURB
BOW	BACK OF WALK



CURB RAMP 1

SCALE: 1"=5'



PATH INTERSECTION

SCALE: 1"=5'

SHEET 93 OF 234

CONSTRUCTION DETAILS

AS SHOWN

97S-C-1

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:52 pm
LAST REVISION 01-15-24

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

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

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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	18	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

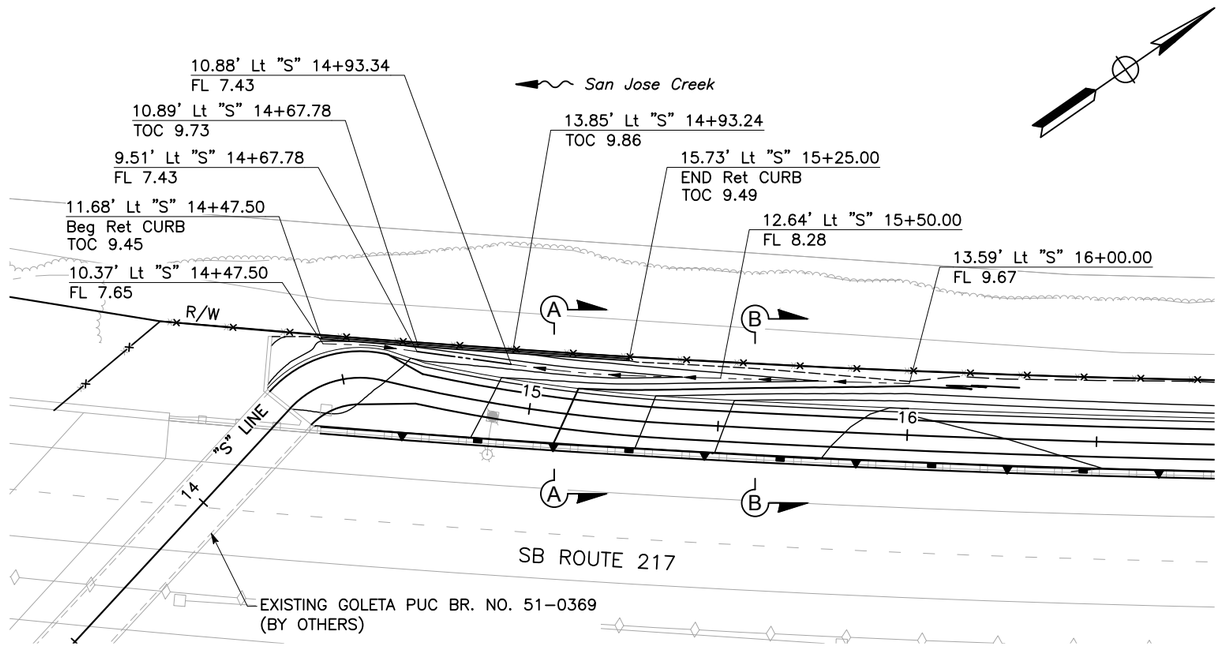
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

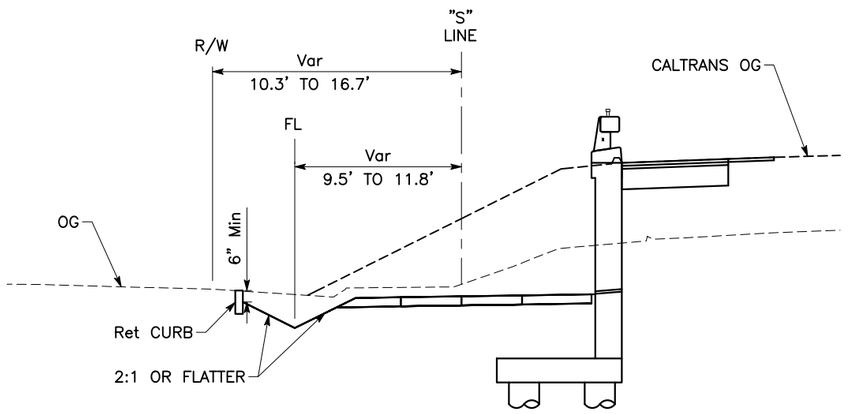
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

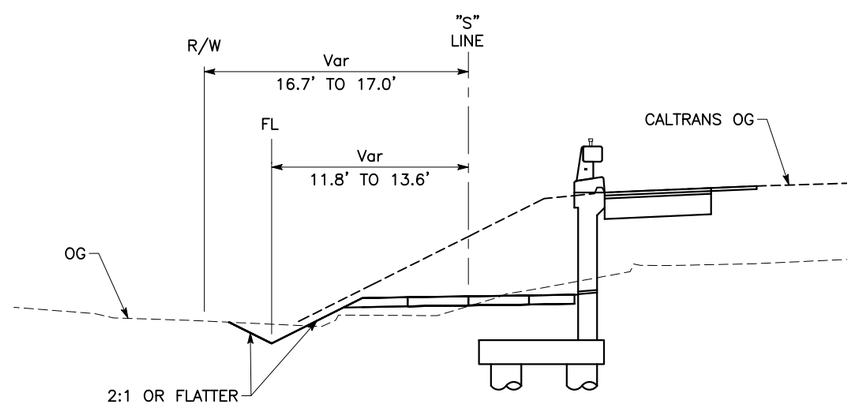
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SCALE: 1" = 20'



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

DITCH DETAILS

SCALE: AS SHOWN

SHEET 94 OF 234

CONSTRUCTION DETAILS

AS SHOWN

98 S-C-2

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:53 pm

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY / DATE REVISED

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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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

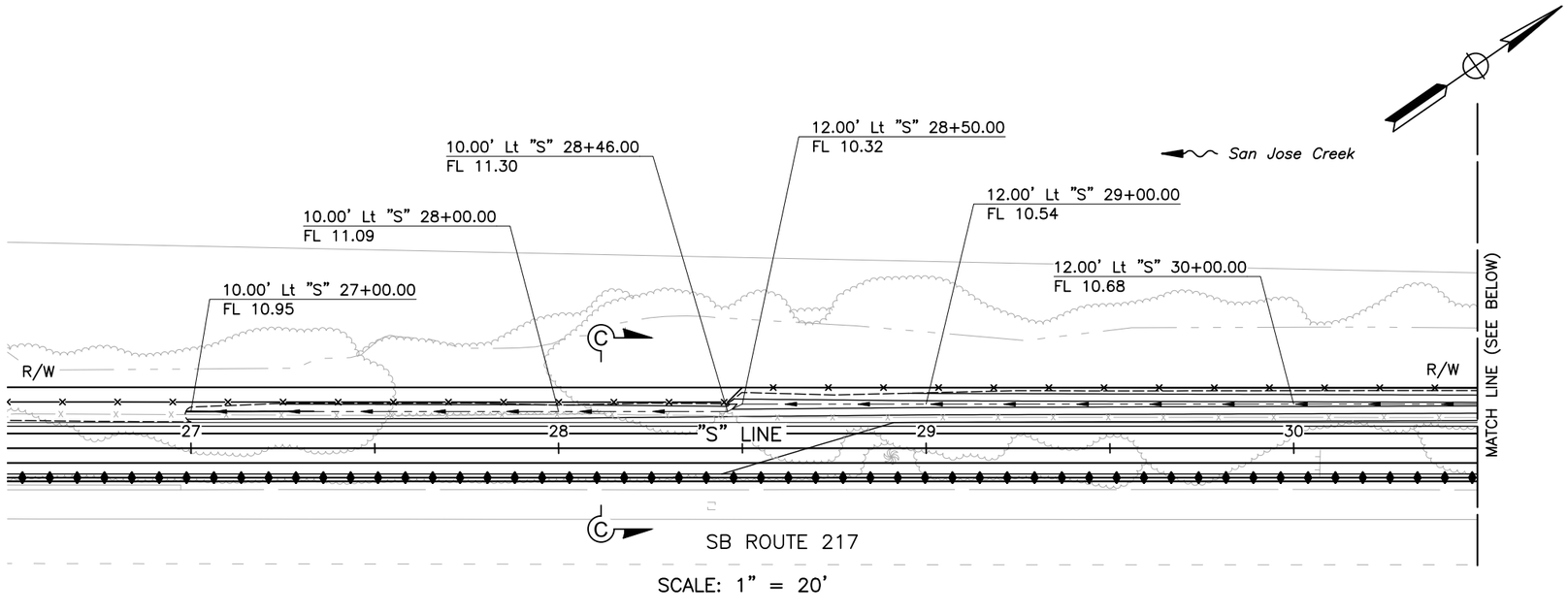
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

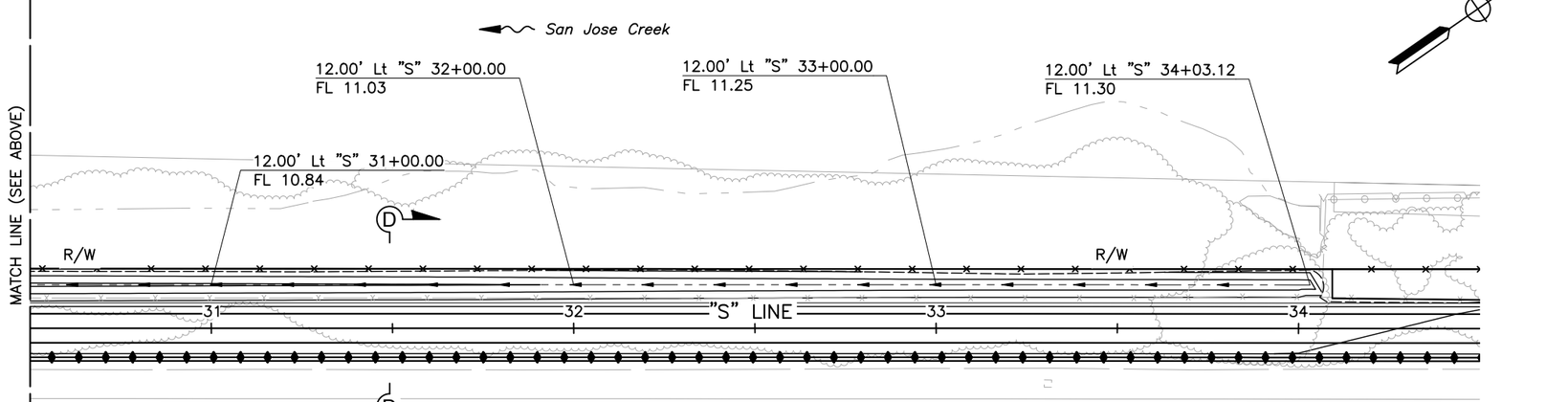
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

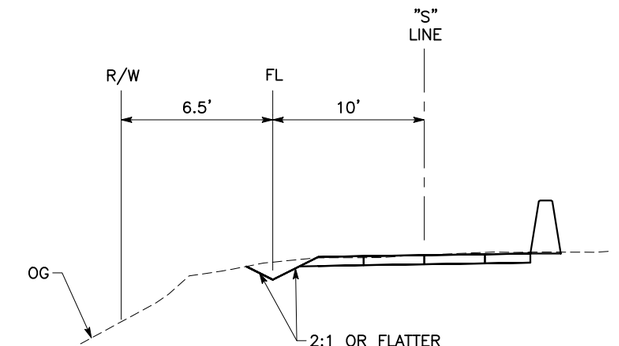
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



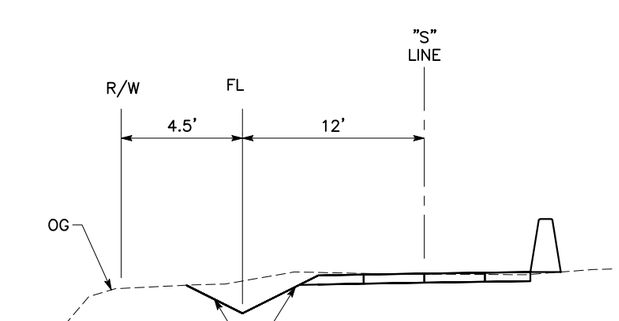
SCALE: 1" = 20'



SCALE: 1" = 20'



SECTION C-C
NO SCALE



SECTION D-D
NO SCALE

DITCH DETAILS
SCALE: AS SHOWN

SHEET 95 OF 234

CONSTRUCTION DETAILS
AS SHOWN

99-C-3

REVISED BY	DATE REVISED

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

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:53 pm
LAST REVISION 01-15-24

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
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REGISTERED CIVIL ENGINEER — DATE 1-15-24

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February 05, 2024
PLANS APPROVAL DATE

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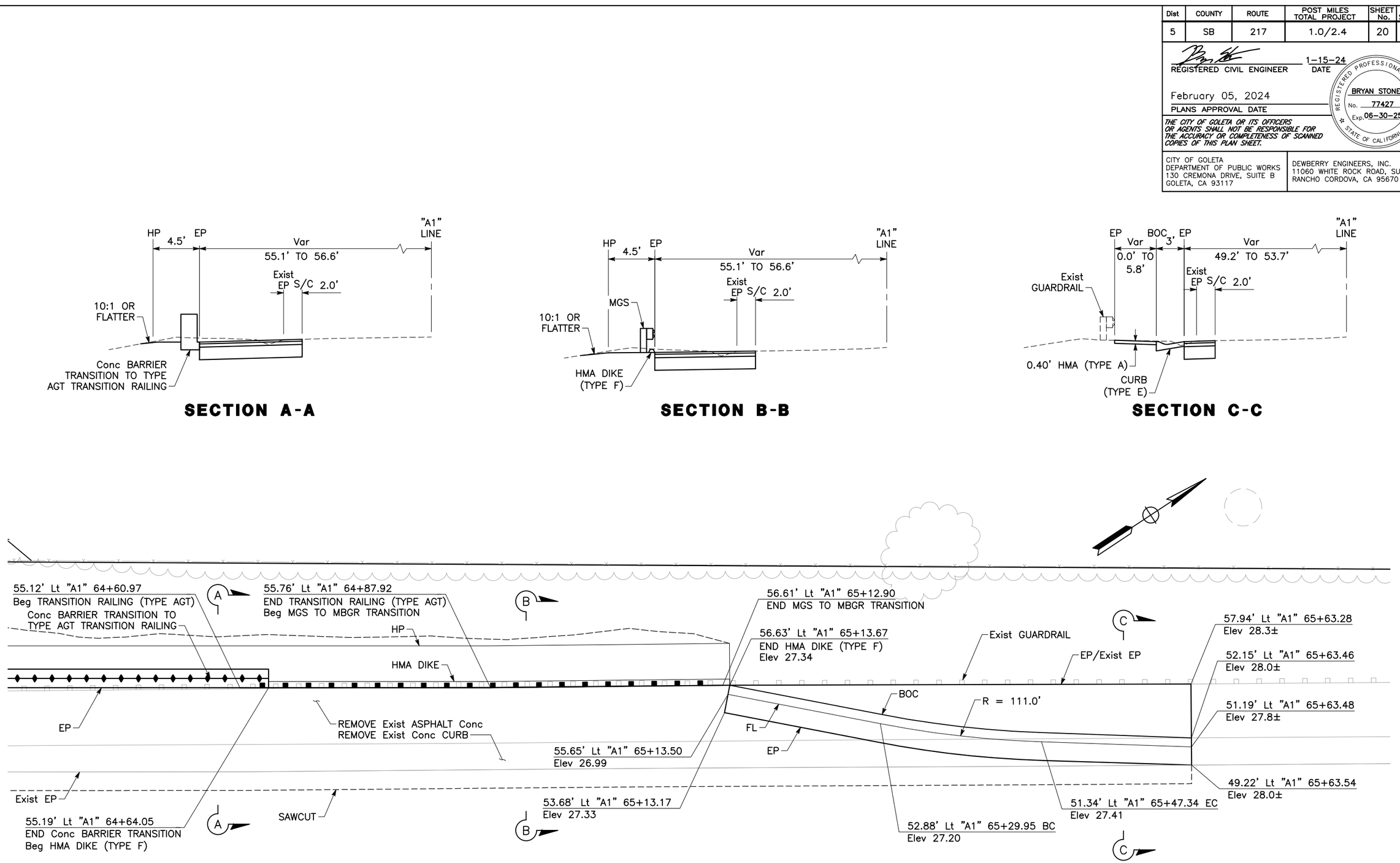
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

SECTION A-A

SECTION B-B

SECTION C-C



SR217 SHOULDER CONFORM DETAIL

SCALE: 1" = 5'

SHEET 96 OF 234

CONSTRUCTION DETAILS

AS SHOWN

10S-C-4

	REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	BRYAN STONE	
CHECKED BY	JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS		

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 7:23 pm

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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	21	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

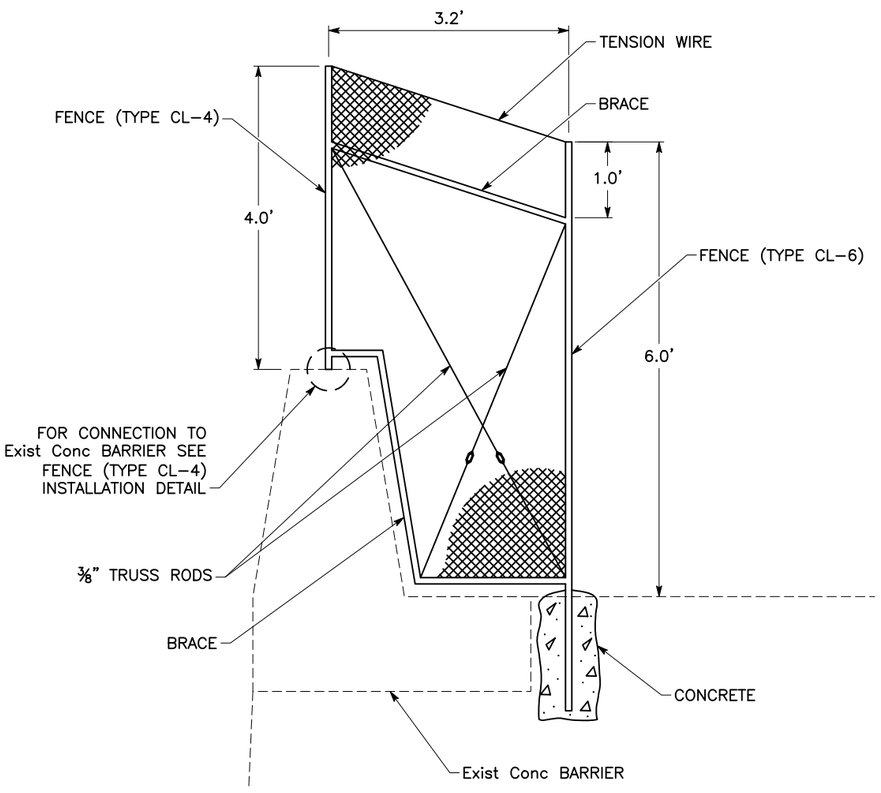
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

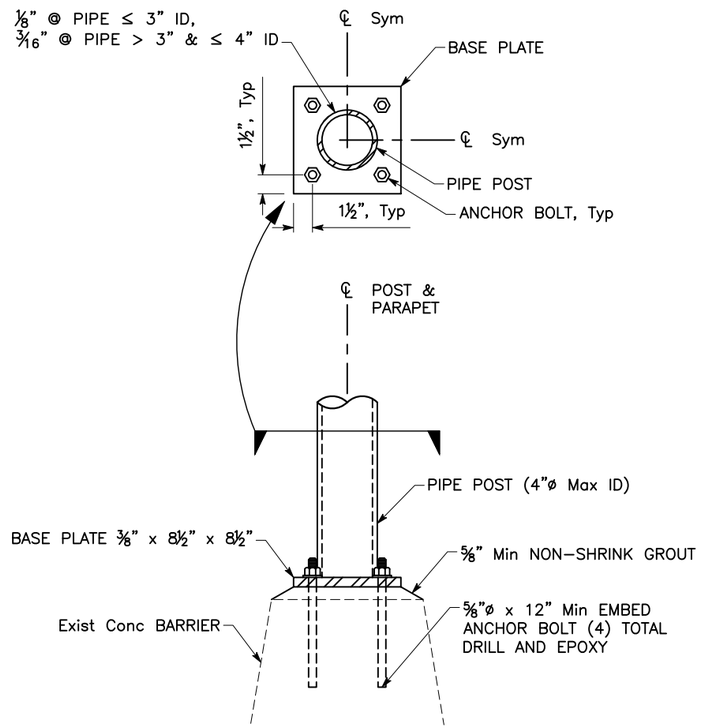
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



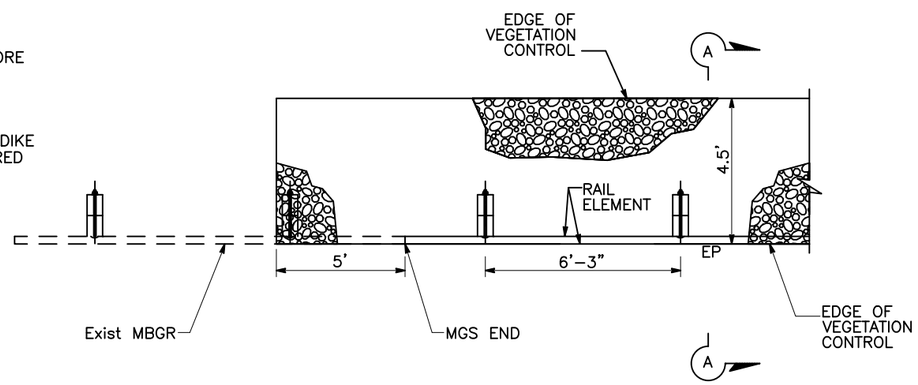
FENCE TRANSITION DETAIL
NO SCALE



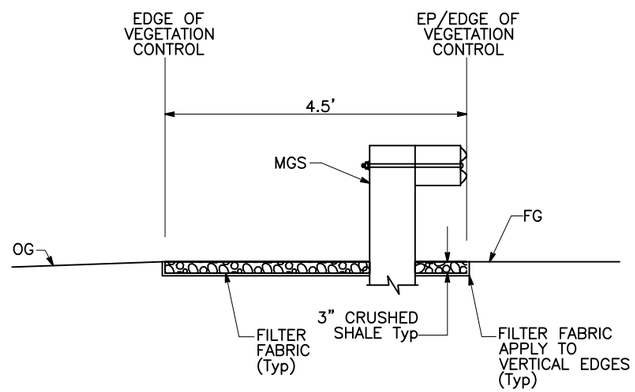
FENCE (TYPE CL-4) INSTALLATION DETAIL
NO SCALE

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 97 OF 234

CONSTRUCTION DETAILS
AS SHOWN

10S-C-5

CITY OF GOLETA — DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:55 pm

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

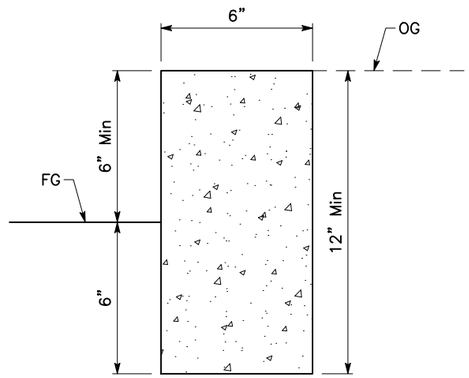
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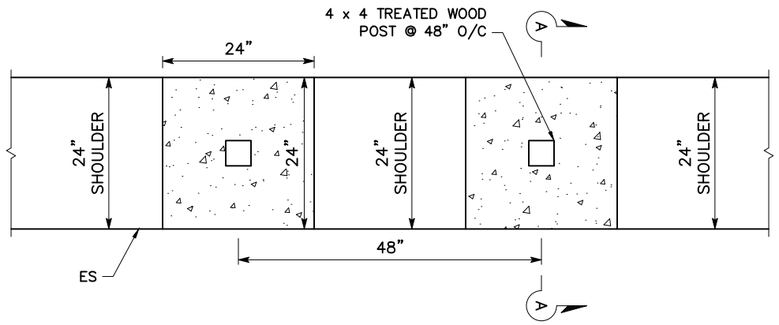
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



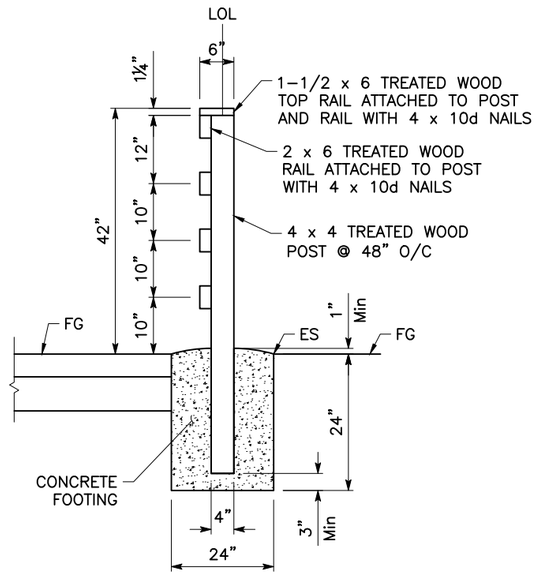
RETAINING CURB (MINOR Conc (CURB))

NO SCALE



WOOD RAIL FENCE

NO SCALE



SECTION A-A

NO SCALE

SHEET 98 OF 234

CONSTRUCTION DETAILS

AS SHOWN

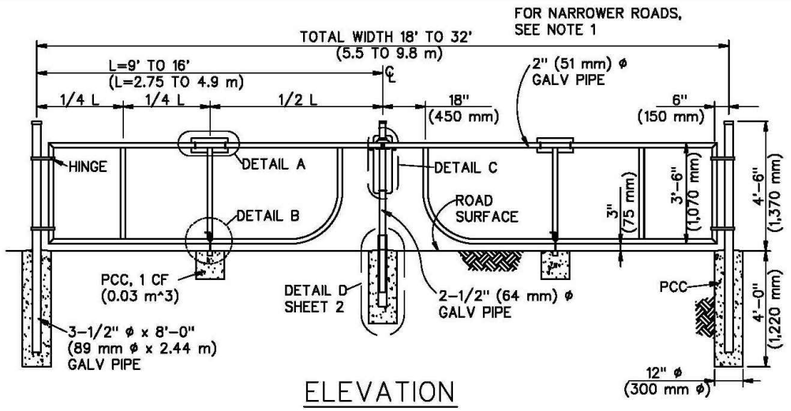
102 S-C-6

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:55 pm

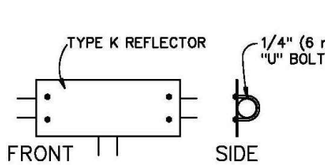
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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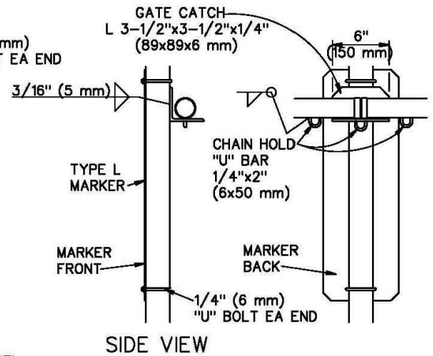
BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_C-4-8.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229



ELEVATION

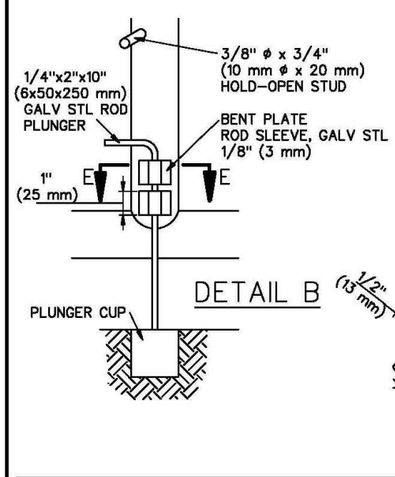


DETAIL A

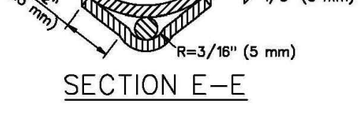


SIDE VIEW

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

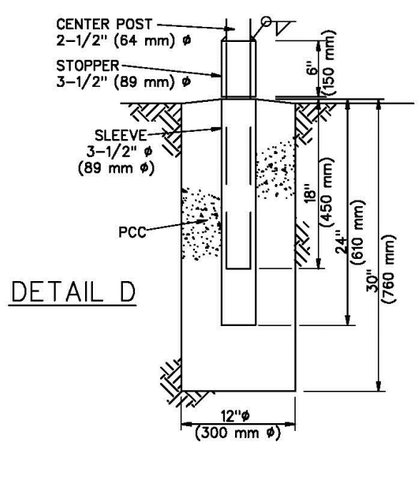
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN 602-4 SHEET 1 OF 2

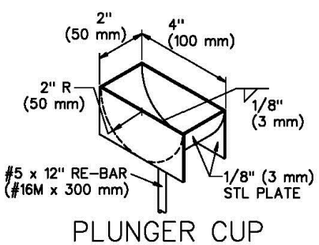
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NOTES:

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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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	23	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR JOSE SILVA

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:58 pm

LAST REVISION 01-15-24

SHEET 99 OF 234

CONSTRUCTION DETAILS

AS SHOWN

103 **S-C-7**

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	24	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

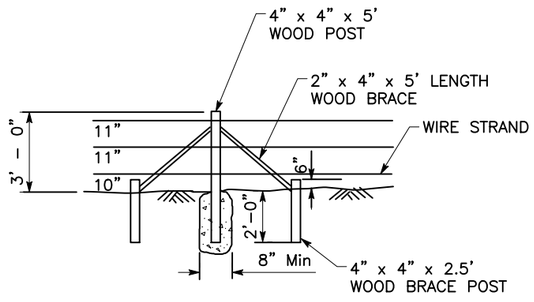
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

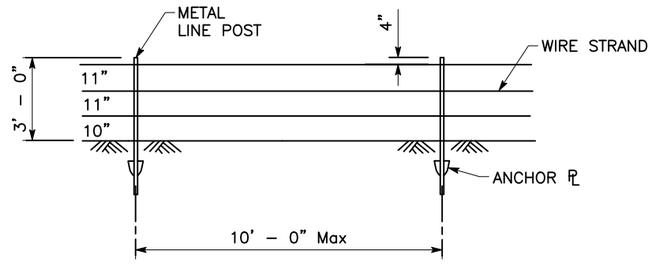
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

ABBREVIATIONS:

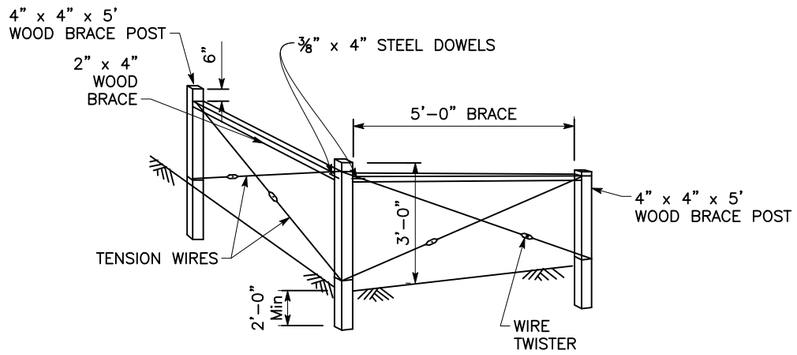
WS WIRE STRAND



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 100 OF 234

CONSTRUCTION DETAILS
AS SHOWN

104**6**-C-8

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 3:58 pm

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	BRYAN STONE	JOSE SILVA		

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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

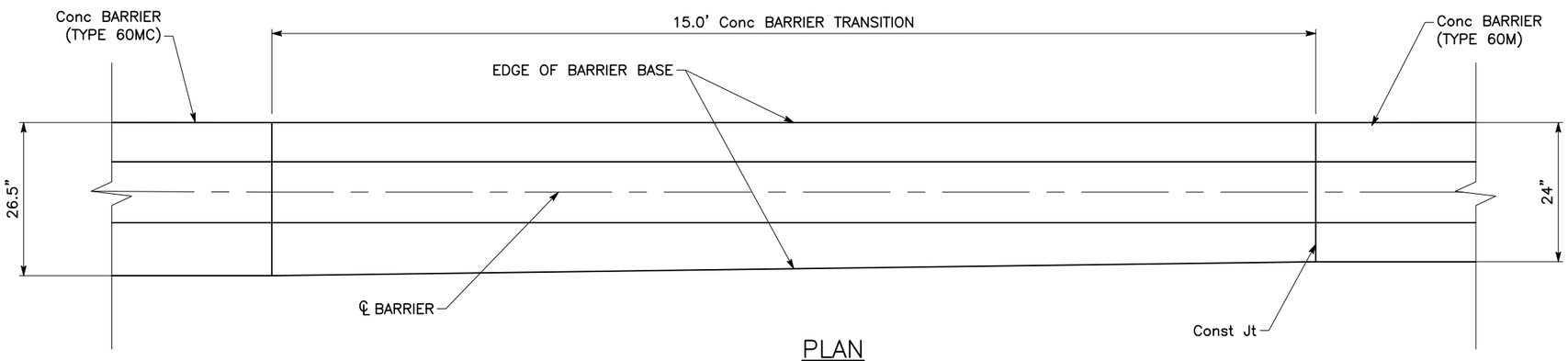
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February 05, 2024
PLANS APPROVAL DATE

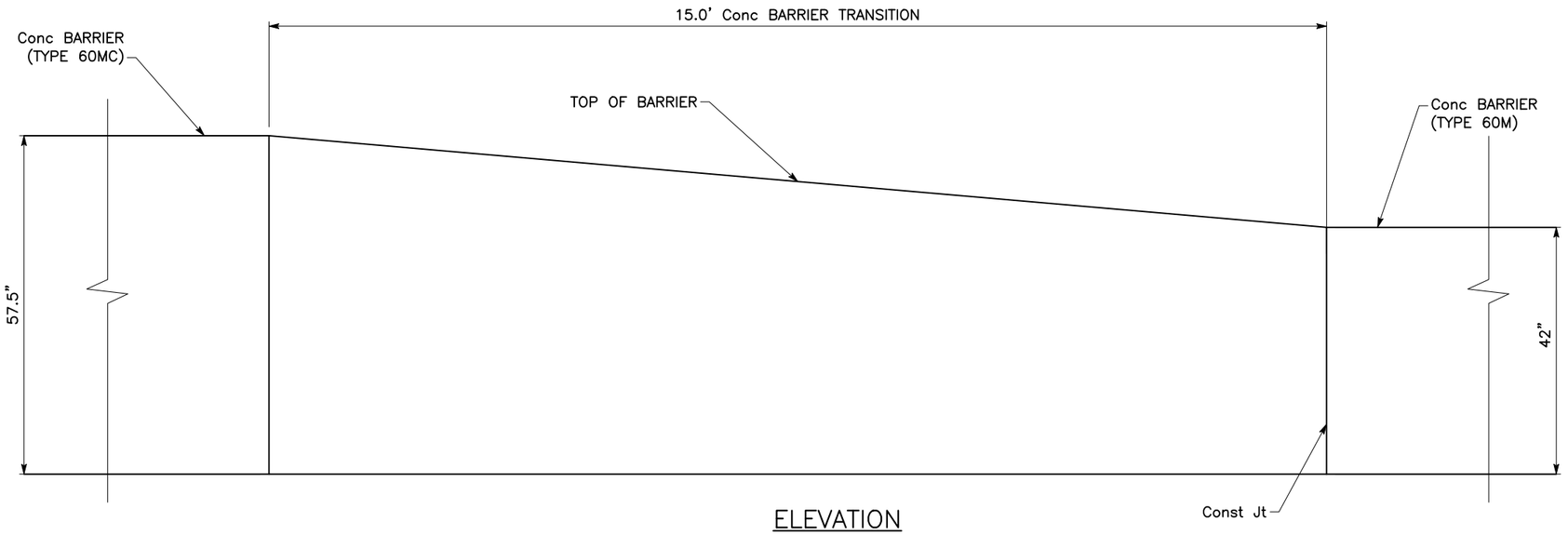
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GOLETA, CA 93117

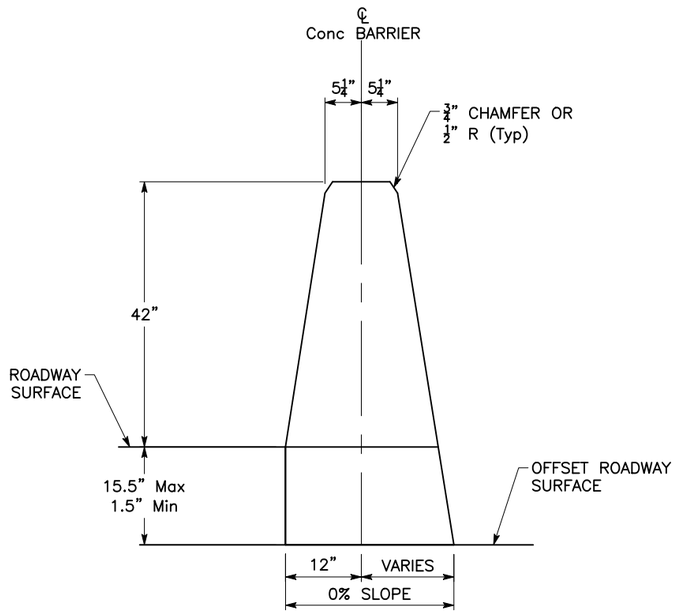
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN



ELEVATION



Conc BARRIER (TYPE 60MC)

TRANSITION CONCRETE BARRIER (TYPE 60MC) TO CONCRETE BARRIER (TYPE 60M)

SHEET 101 OF 234

CONSTRUCTION DETAILS

AS SHOWN

105 S-C-9

REVISED BY	DATE REVISED
BRYAN STONE	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 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:01 pm

BORDER LAST REVISED 7/2/2010
USERNAME =>clayton
DGN FILE => SR217_R_C_Type 60 Transition Details.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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

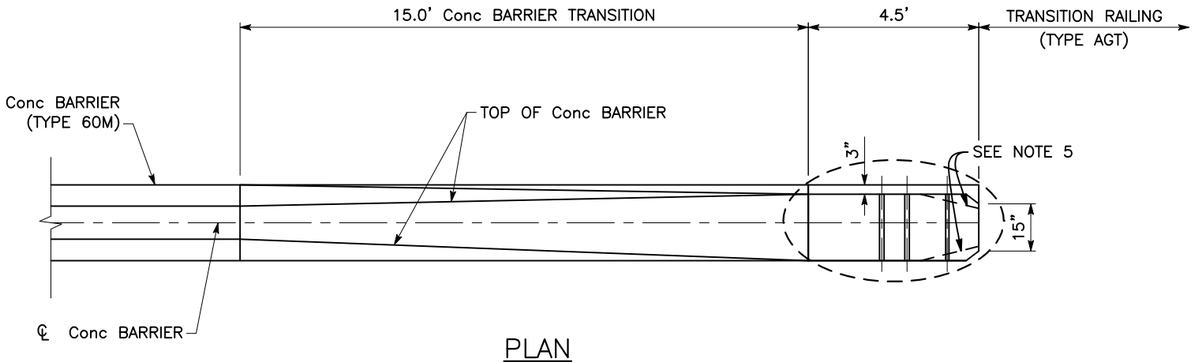
BRYAN STONE No. 77427 Exp. 06-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

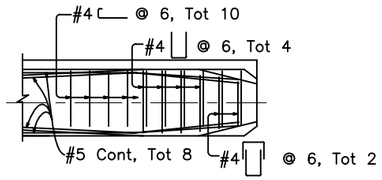
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130 CREMONA DRIVE, SUITE B
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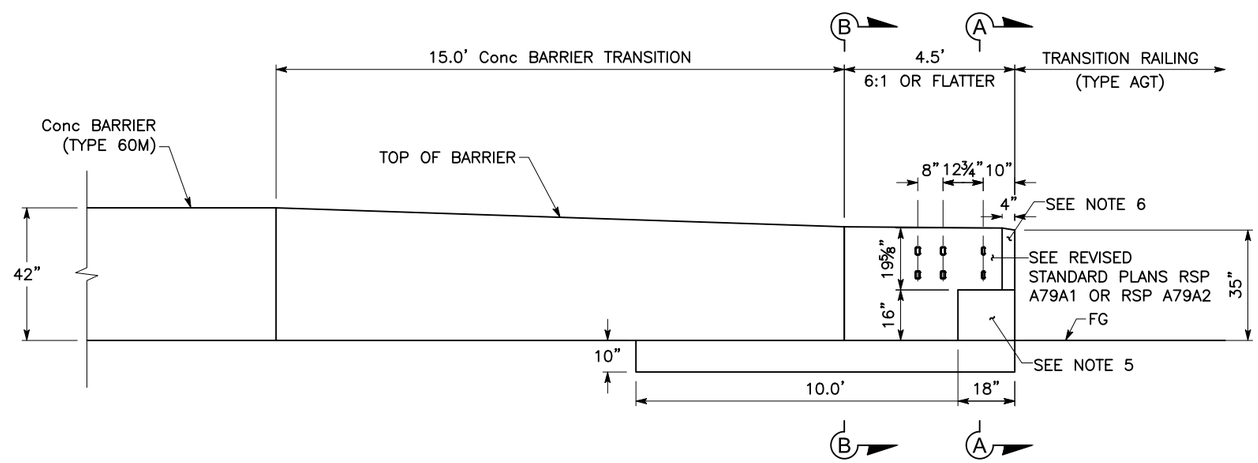


PLAN

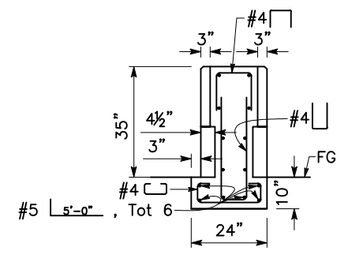


DETAIL A

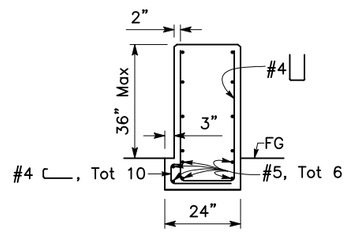
NOTES:
1. SEE STANDARD PLAN A76A FOR CONCRETE BARRIER TYPE 60MS.
2. FOOTING MONOLITHIC OR DOWELED WITH 2–#8 X 8" @ 2'–0". THE FOOTING IS REQUIRED AT CONCRETE BARRIER ENDS AND AT INTERRUPTIONS IN CONCRETE BARRIER. 10" CONCRETE BARRIER FOOTING EXTENDS 10'–0" BACK FROM END OF BARRIER.
3. 15'–0" TRANSITION 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.



ELEVATION



SECTION A-A



SECTION B-B

CONCRETE BARRIER (TYPE 60M) TO TRANSITION RAILING (TYPE AGT)

SHEET 102 OF 234

CONSTRUCTION DETAILS

AS SHOWN

186-C-10

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_C_Type 60 Transition Details.dwg, 1/30/2024 6:56 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 6:56 pm

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USERNAME =>clayton
DGN FILE => SR217_R_C_Type 60 Transition Details.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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	27	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

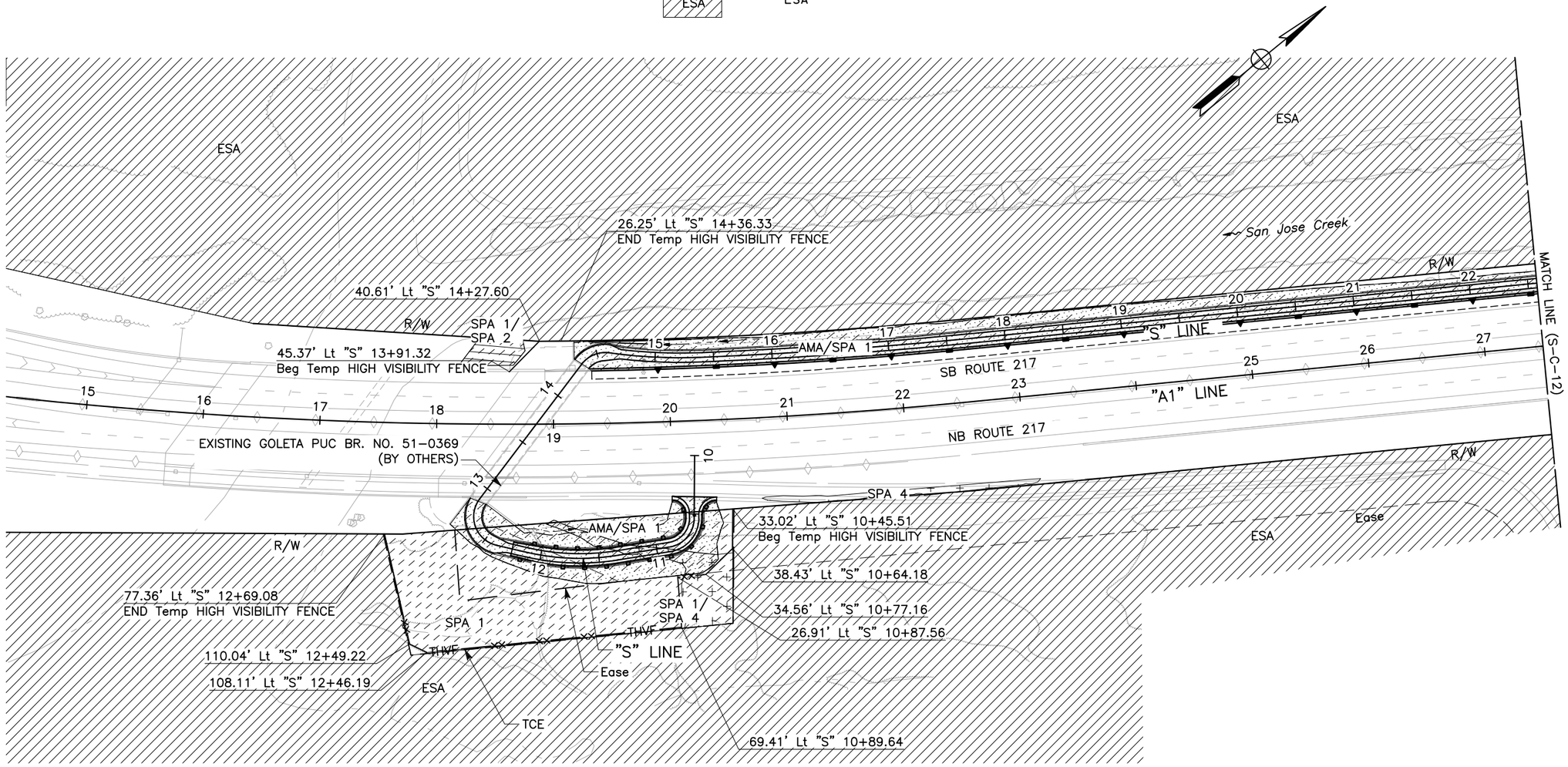
February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — 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



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

SHEET 103 OF 234

10 S-C-11

\\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, 1/30/2024 4:05 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:05 pm

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

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	28	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

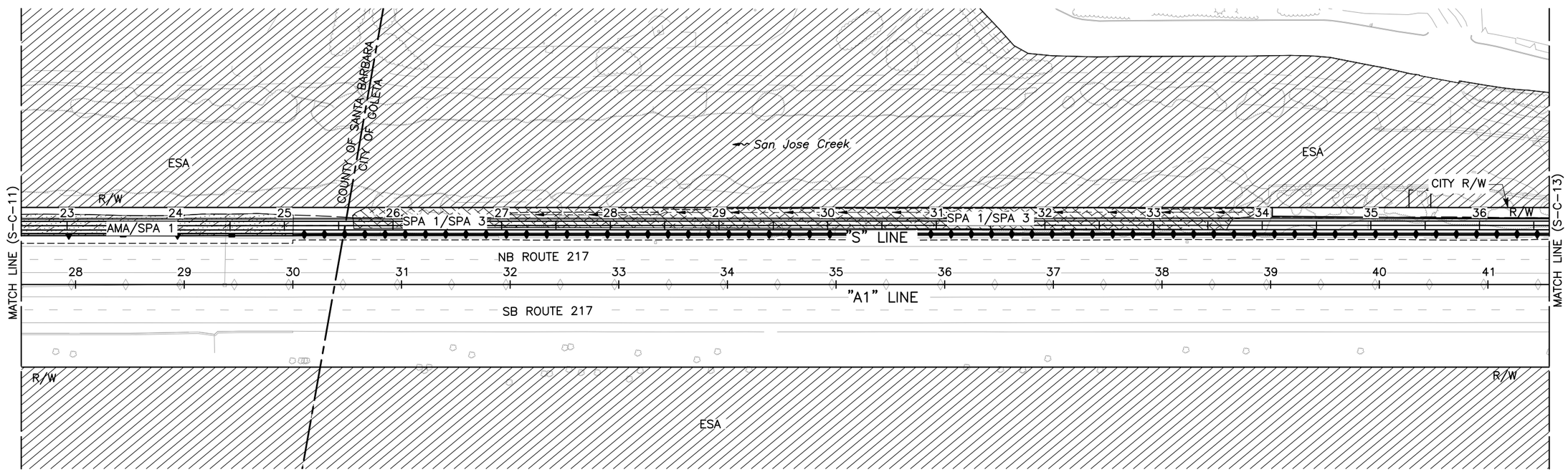
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BRYAN STONE
No. 77427
Exp. 06-30-25
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

SHEET 104 OF 234

18-C-12

BRYAN STONE	DESIGNED BY	CALCULATED-
JOSE SILVA	DRAWN BY	CHECKED BY
JOSE SILVA	CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS		

DATE REVISED	REVISED BY

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 4:05 pm

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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

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

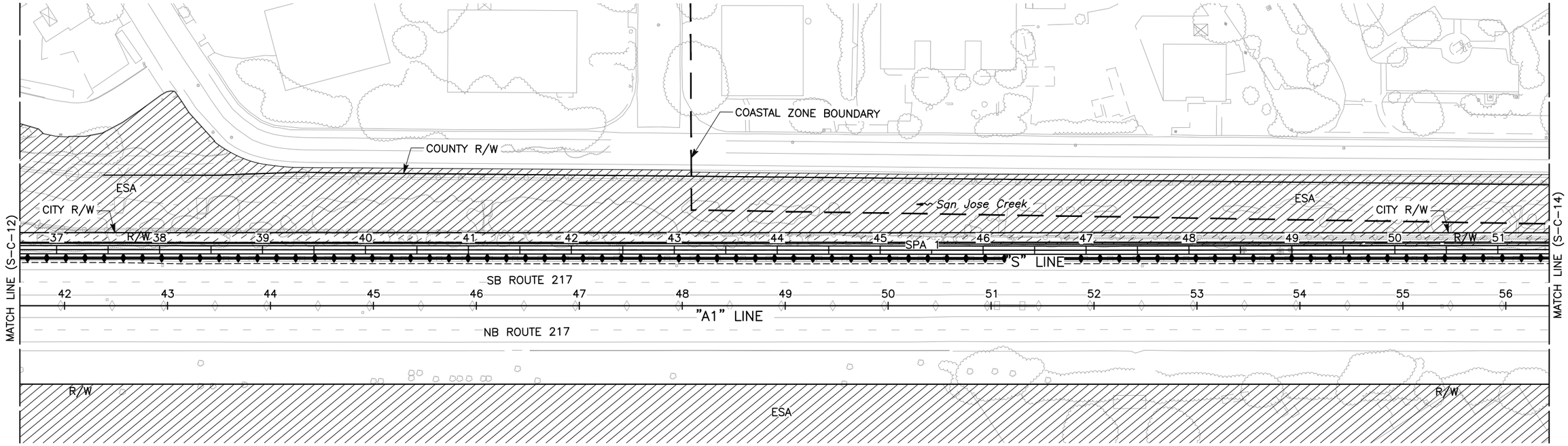
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

SHEET 105 OF 234

189-C-13

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: 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	30	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

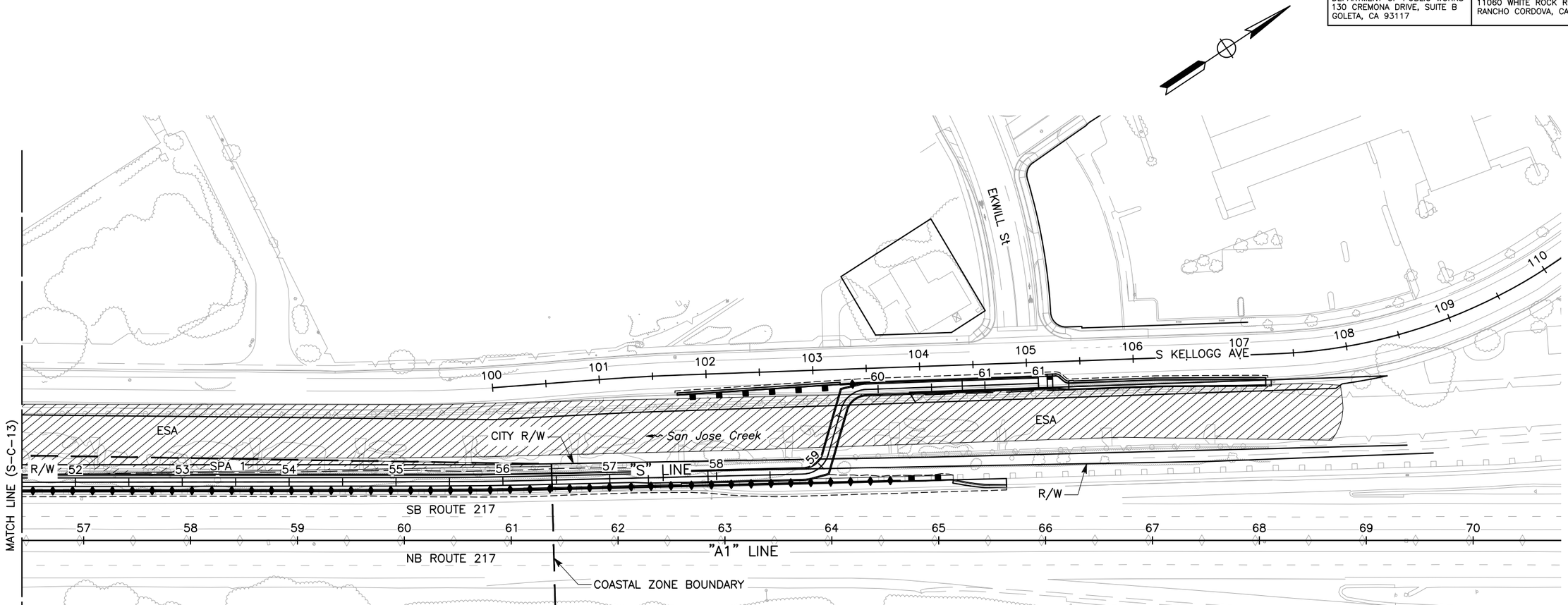
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
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February 05, 2024
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(ENVIRONMENTALLY SENSITIVE AREA)

SCALE: 1"=50'

SHEET 106 OF 234

150-C-14

CALCULATED-DESIGNED BY	BRYAN STONE	REVISED BY	
CHECKED BY	JOSE SILVA	DATE REVISED	

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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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	31	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

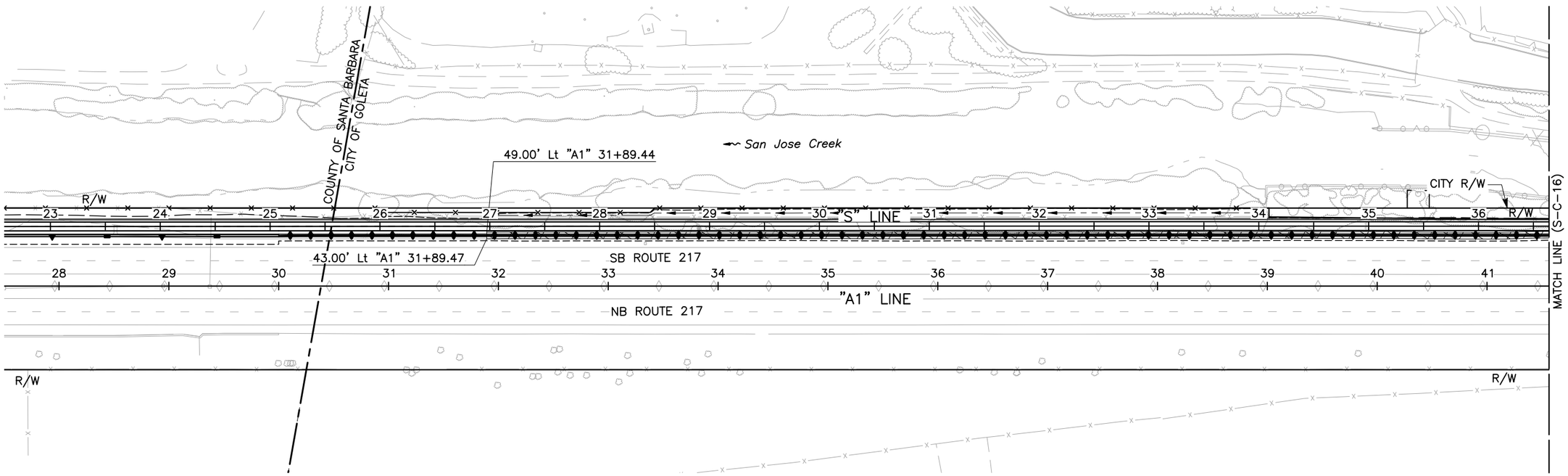
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)

SCALE: 1"=50'

1S-C-15

SHEET 107 OF 234

BRYAN STONE — REVISED BY
JOSE SILVA — DATE REVISED
CALCULATED-DESIGNED BY
CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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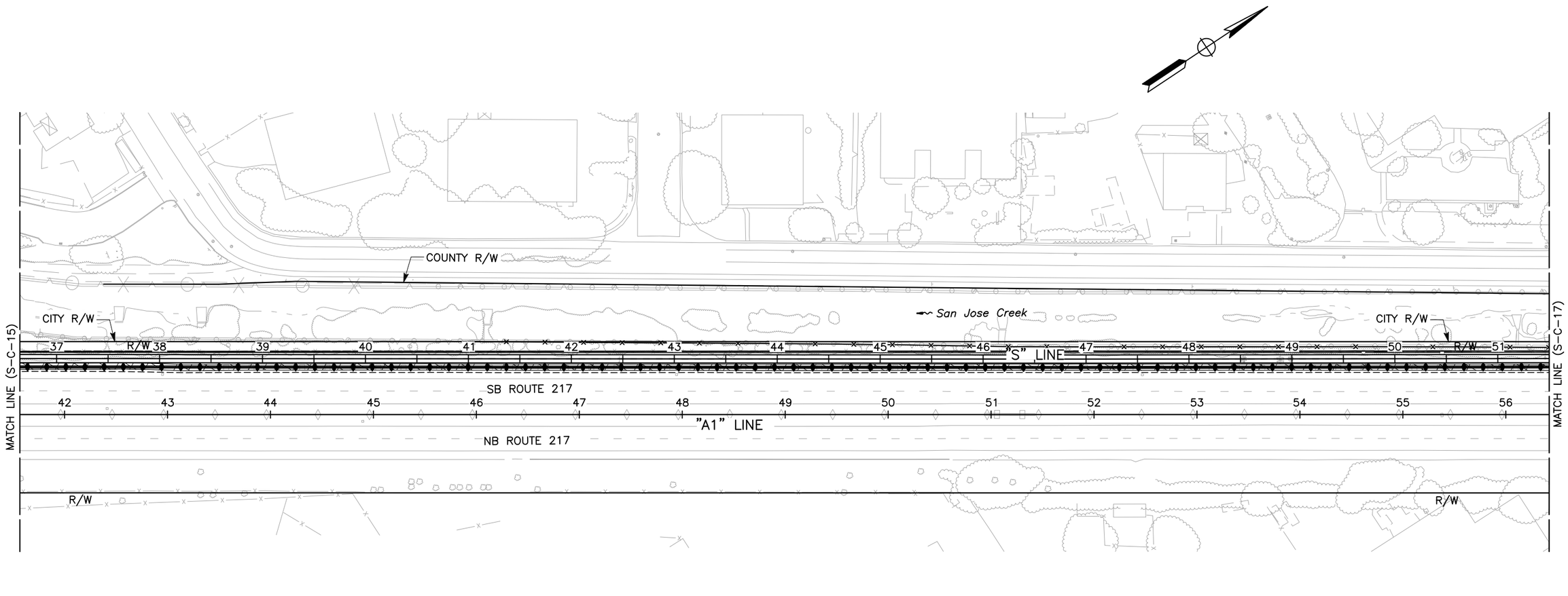
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)

SCALE: 1"=50'

18-C-16

SHEET 108 OF 234

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	BRYAN STONE	JOSE SILVA	
CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

REVISED BY	DATE REVISED

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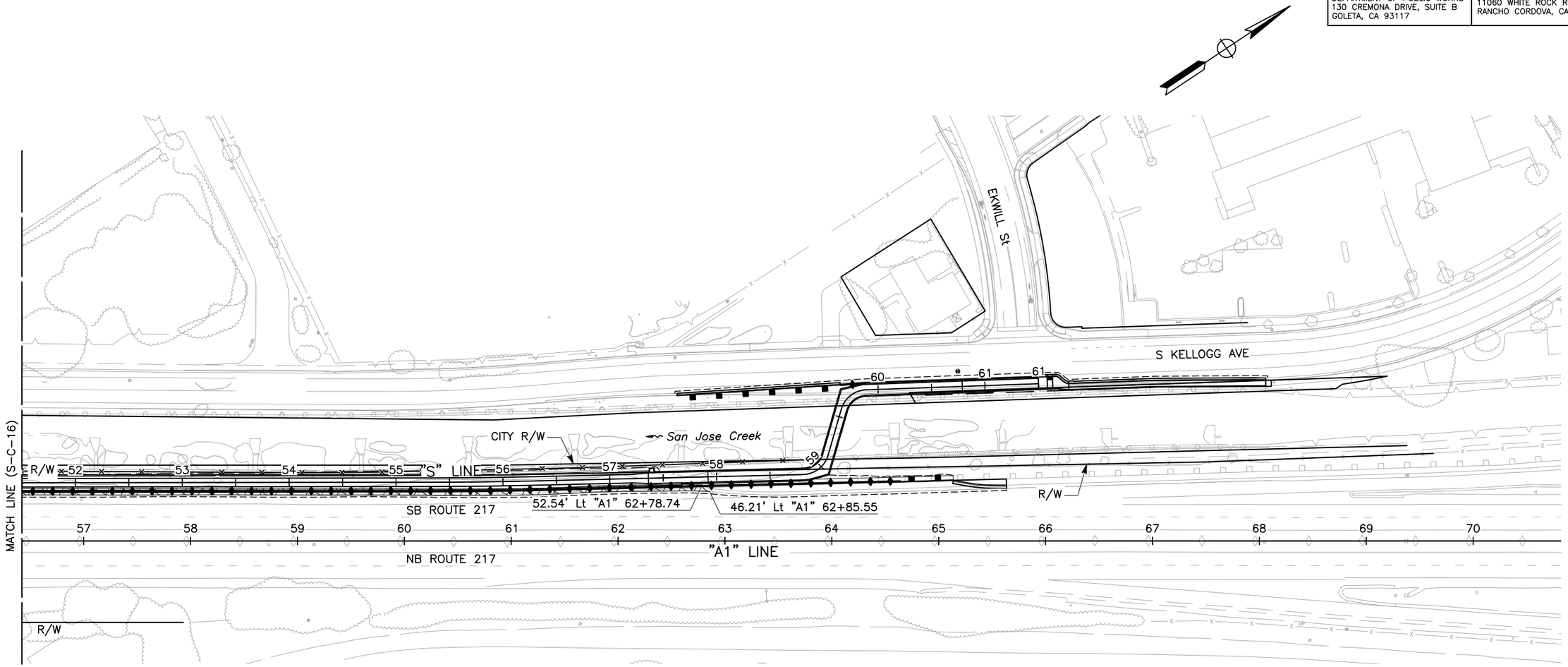
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RANCHO CORDOVA, CA 95670



CONSTRUCTION DETAILS
(TYPE Z-2 MATERIAL LOCATIONS)
SCALE: 1"=50'

18-C-17

SHEET 109 OF 234

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

DATE REVISED	REVISED BY

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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 EXECUTIVE DIRECTOR 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 EXECUTIVE DIRECTOR. NO CHANGES TO THE COASTAL COMMISSION APPROVED FINAL SITE/DEVELOPMENT PLANS SHALL OCCUR WITHOUT AN AMENDMENT TO THE COASTAL DEVELOPMENT PERMIT, UNLESS THE EXECUTIVE DIRECTOR DETERMINES THAT NO AMENDMENT IS REQUIRED.

TEMPORARY WATER POLLUTION CONTROL PLAN

SHEET 110 OF 234

S1-WPC-1

REVISED BY	DATE REVISED
BRYAN STONE	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-WPC.dwg, 1/29/2024 5:53 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 5:53 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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

LEGEND:

----------	CUT
– – – – – – – – – –	FILL
———TFR———	TEMPORARY FIBER ROLL (TYPE II)
—xx— THVF —xx—xx—	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	35	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

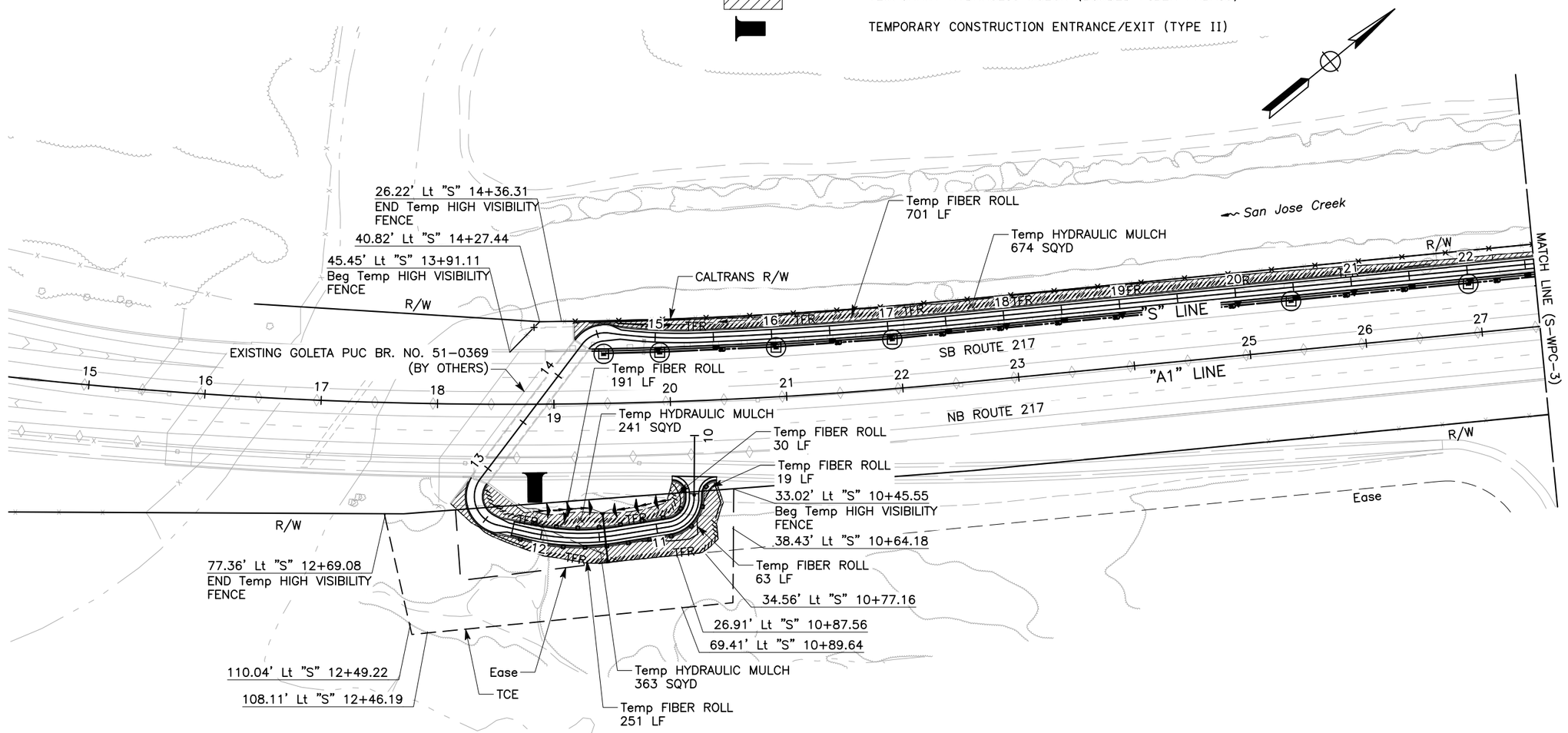
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

SHEET 111 OF 234

S-WPC-2

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 5:53 pm

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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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	36	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

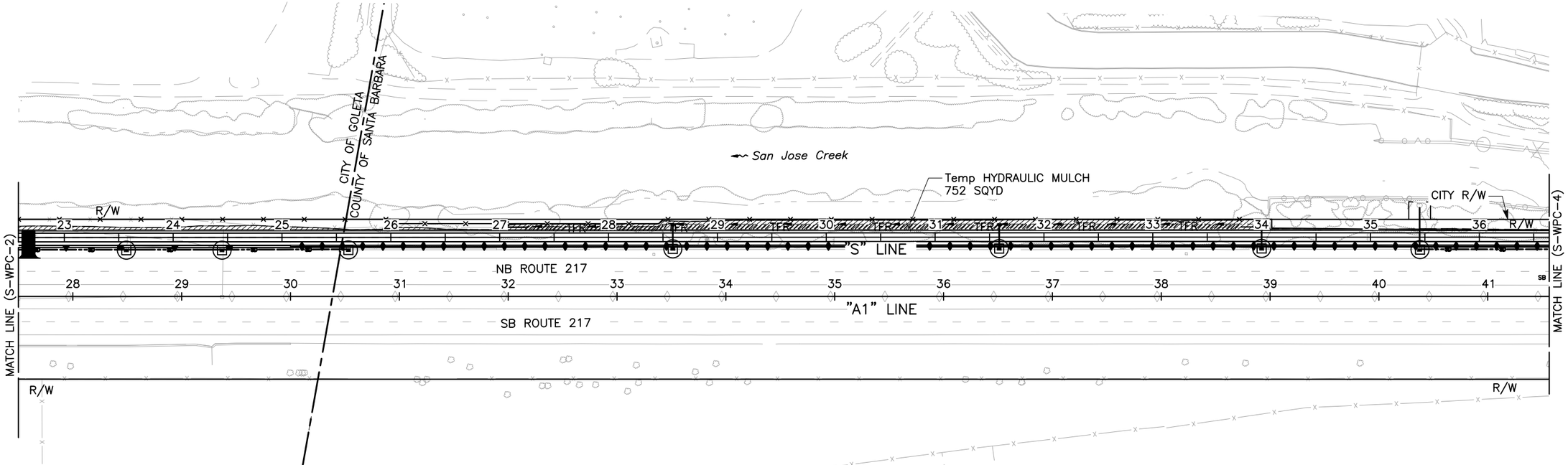
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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 PLAN

SCALE: 1"=50'

SHEET 112 OF 234

S-WPC-3

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 5:54 pm

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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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	37	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

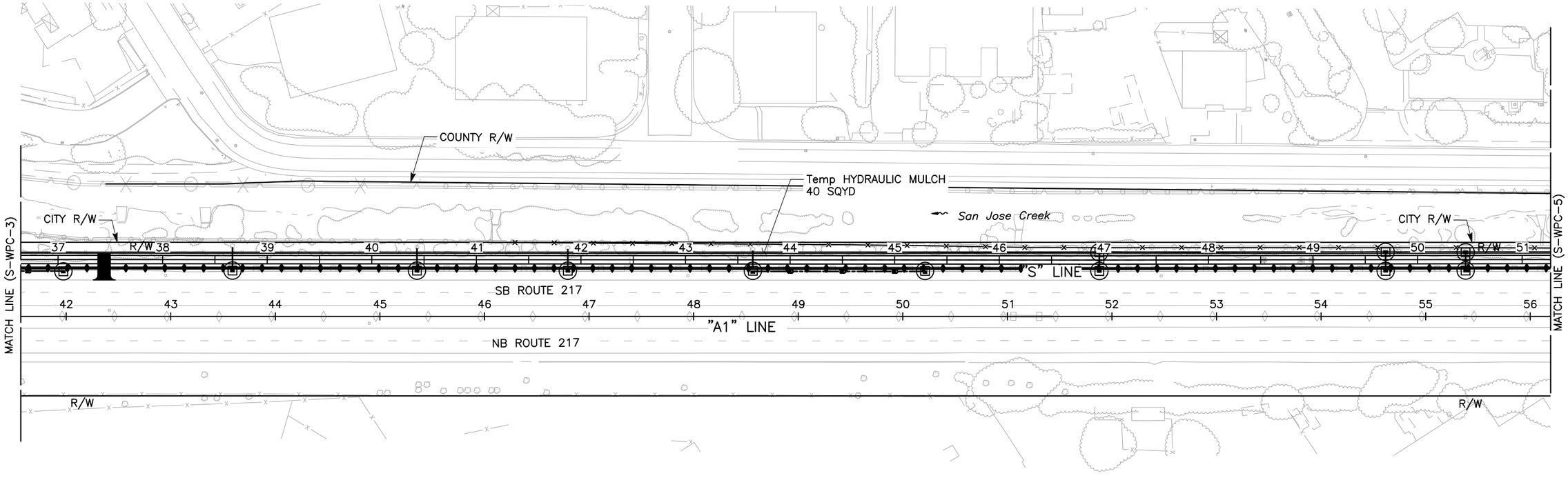
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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



TEMPORARY WATER POLLUTION CONTROL PLAN

SCALE: 1"=50'

SHEET 113 OF 234

S-WPC-4

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 5:54 pm

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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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

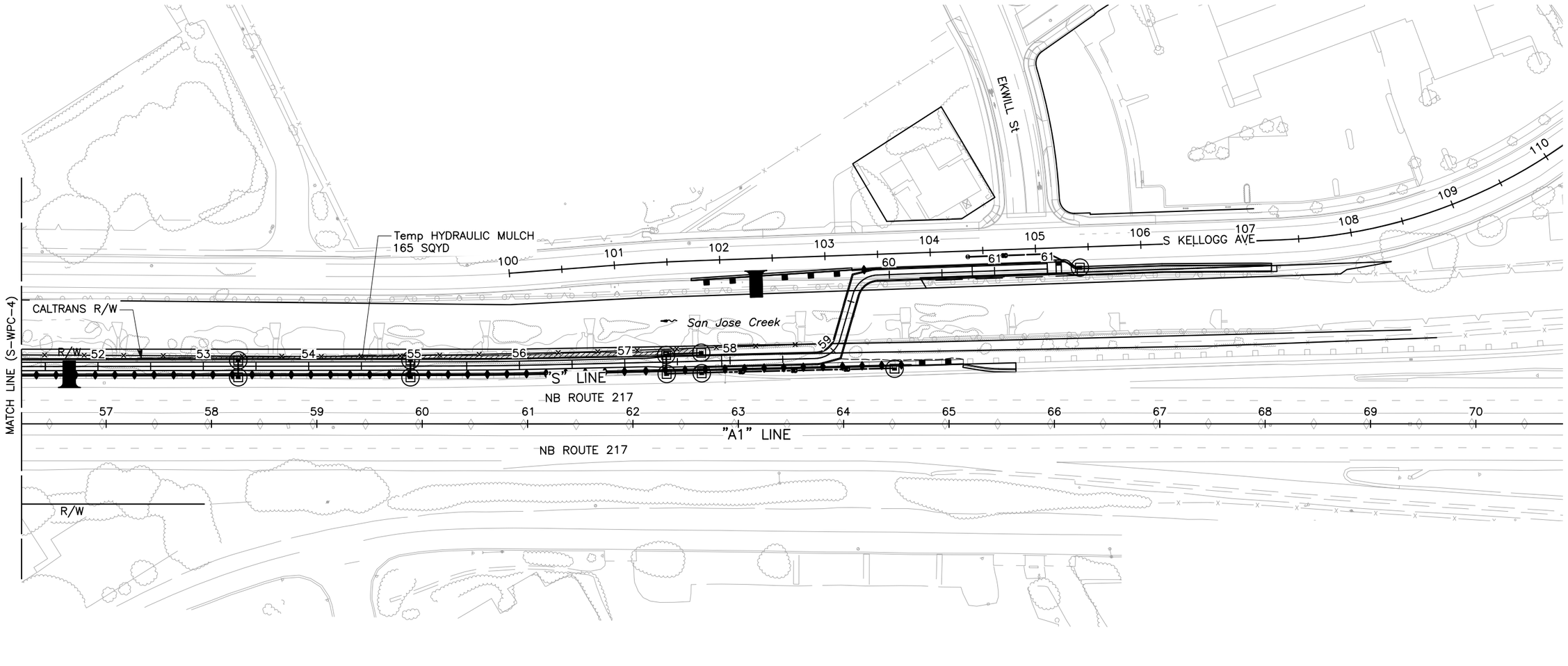
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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 PLAN

SCALE: 1"=50'

SHEET 114 OF 234

S-WPC-5

REVISED BY	DATE REVISED
BRYAN STONE	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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 5:54 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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	39	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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

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
EA	LF	SQYD	LF	EA	LF
5	3,930	4,480	970	35	520

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CALCULATED-DESIGNED BY	BRYAN STONE	REVISED BY	
	CHECKED BY	JOSE SILVA	DATE REVISED	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA			

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 1:30 pm

LAST REVISION 01-15-24

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

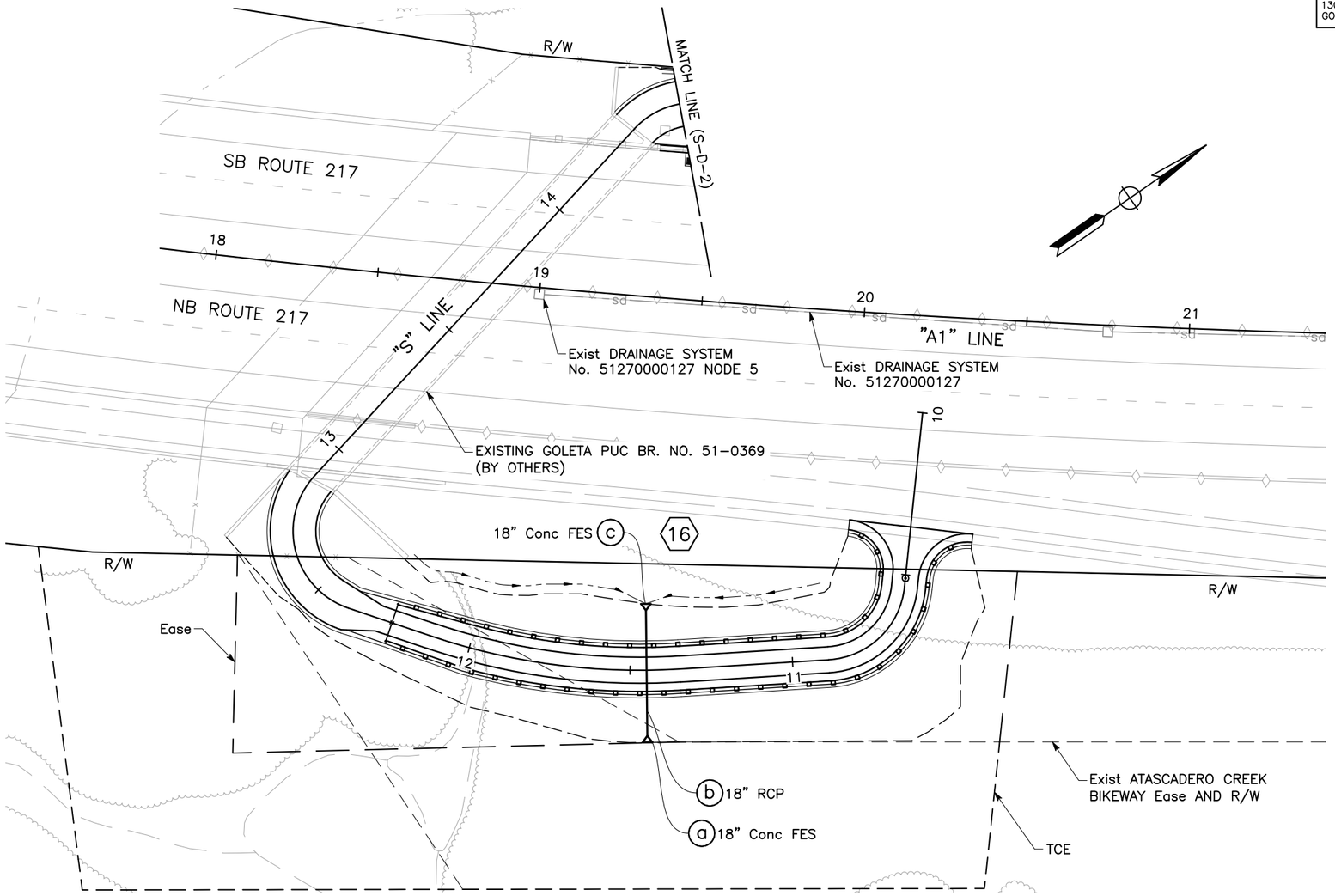
SHEET 115 OF 234

S-WPCQ-1

BORDER LAST REVISED 7/2/2010 | USERNAME => clayton | DGN FILE => SR217-R-WPCQ.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, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. UTILITIES SHOWN ARE APPROXIMATE. VERIFY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. SEE UTILITY PLANS.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	40	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

BRYAN STONE
No. 77427
Exp. 06-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
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
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

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APPROVED FOR DRAINAGE WORK ONLY

SHEET 116 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

120S-D-1

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:04 pm

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: 1-15-24

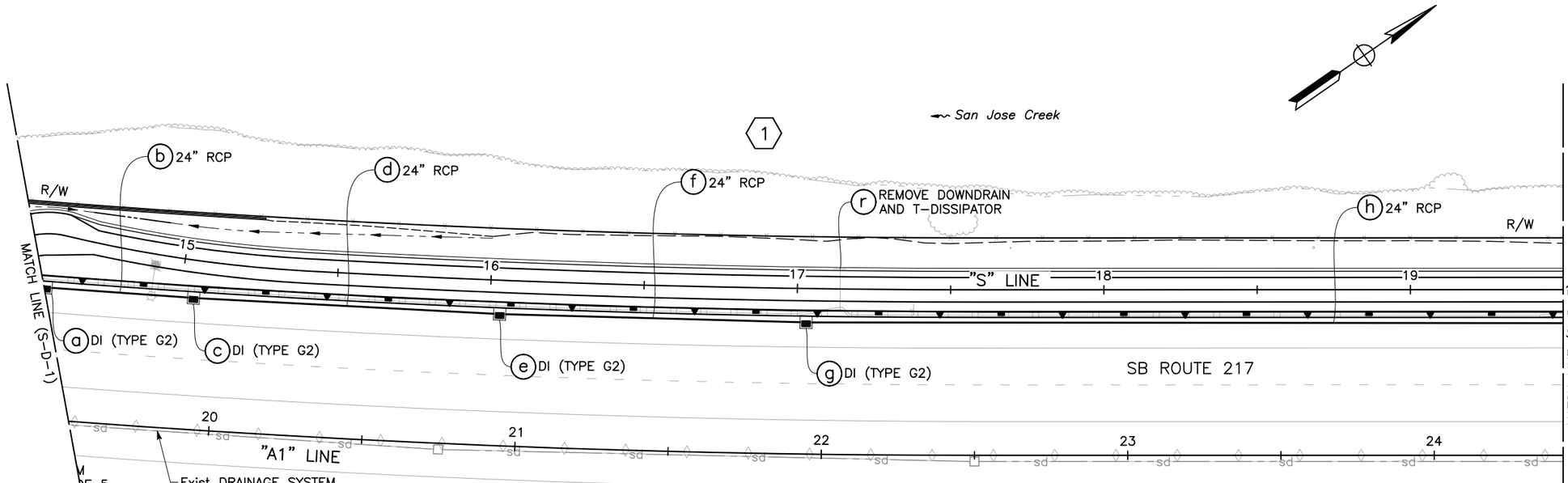
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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 DRAINAGE WORK ONLY

SHEET 117 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-2

REVISED BY	DATE REVISED

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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:05 pm

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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
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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

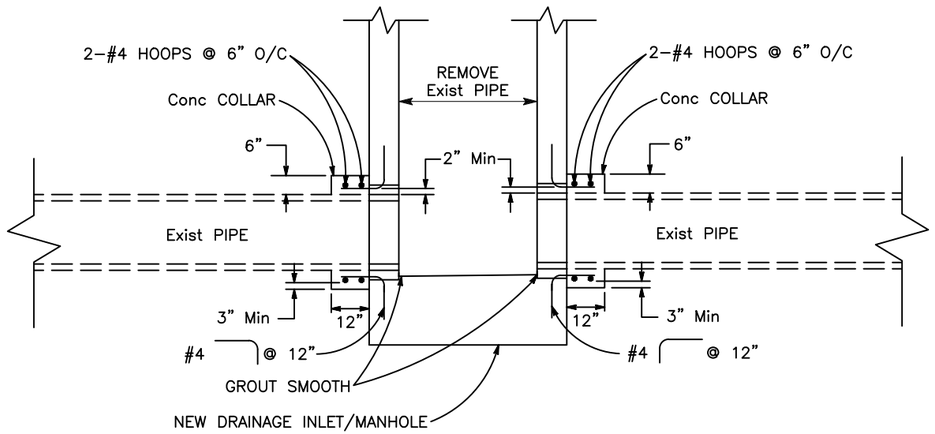
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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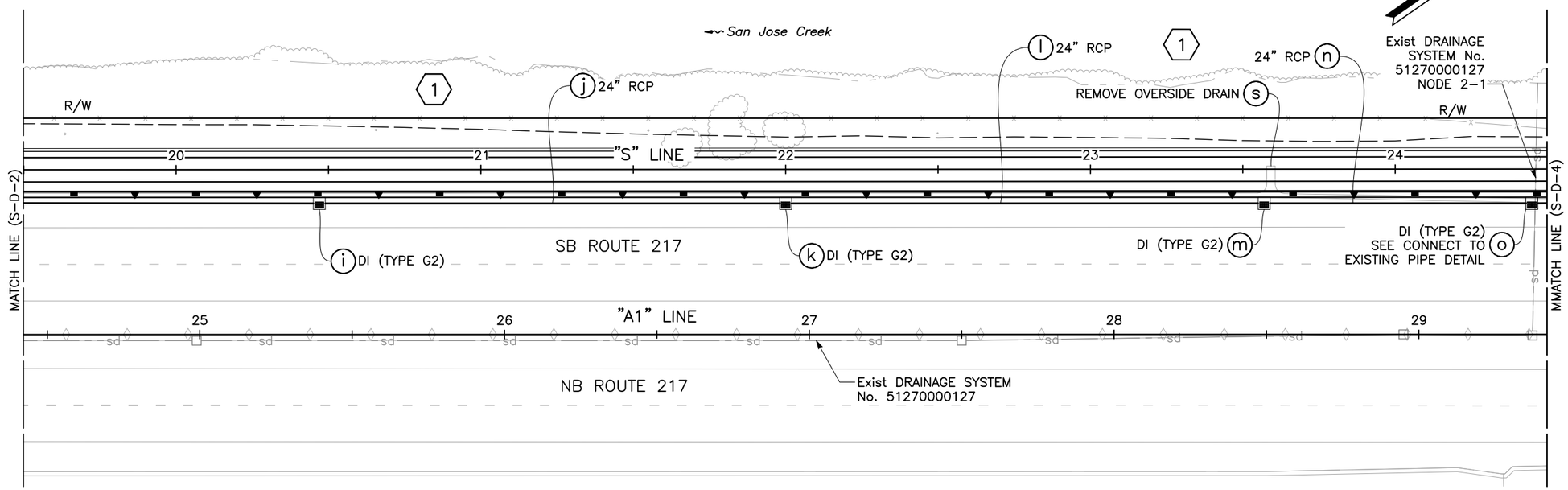
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



CONNECT TO EXISTING PIPE DETAIL

NO SCALE



APPROVED FOR DRAINAGE WORK ONLY

DRAINAGE PLAN

SCALE: 1" = 20'

SHEET 118 OF 234

S-D-3

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CALCULATED-DESIGNED BY: BRYAN STONE	CHECKED BY: JOSE SILVA	CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	REVISED BY	DATE REVISED

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LAST REVISION 01-15-24 | DATE PLOTTED => Jan 29, 2024 | TIME PLOTTED => 6:05 pm

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	43	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

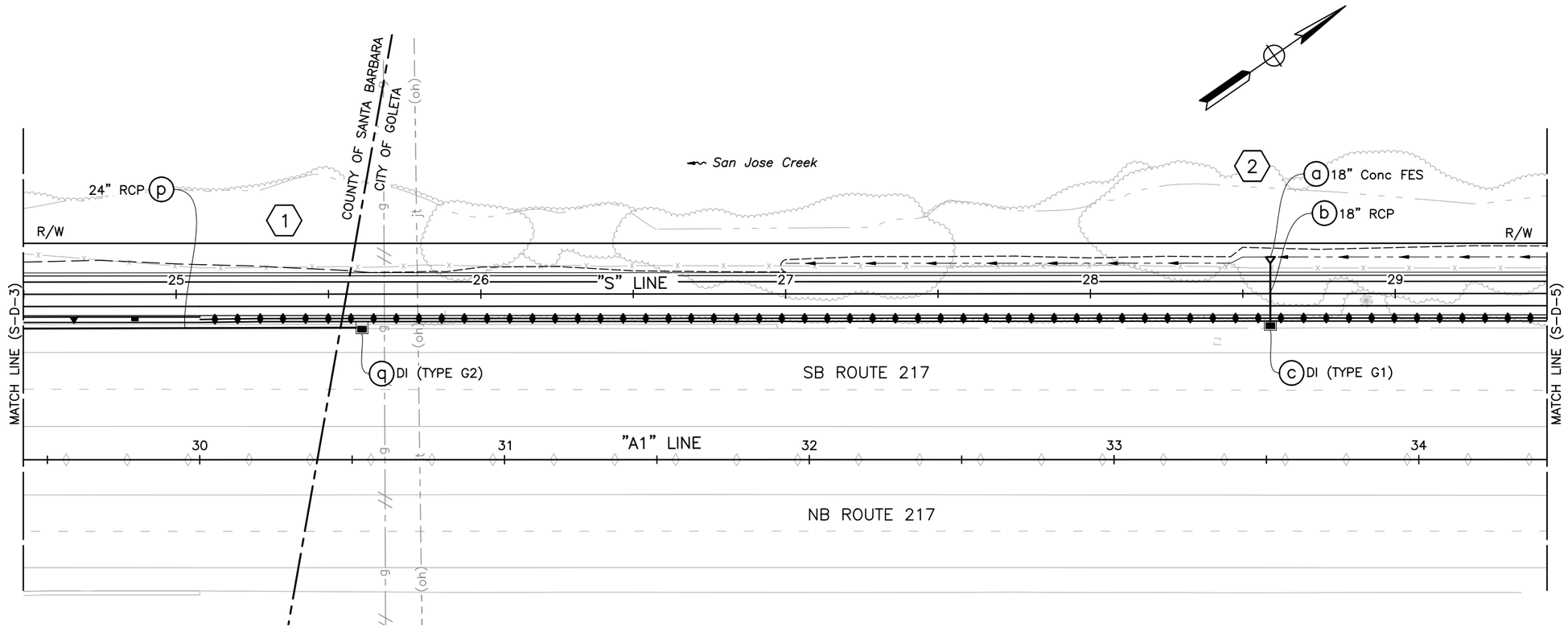
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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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

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-4

SHEET 119 OF 234

CALCULATED-DESIGNED BY	BRYAN STONE	REVISED BY	
CHECKED BY	JOSE SILVA	DATE REVISED	
CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA		
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS			

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LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:05 pm

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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

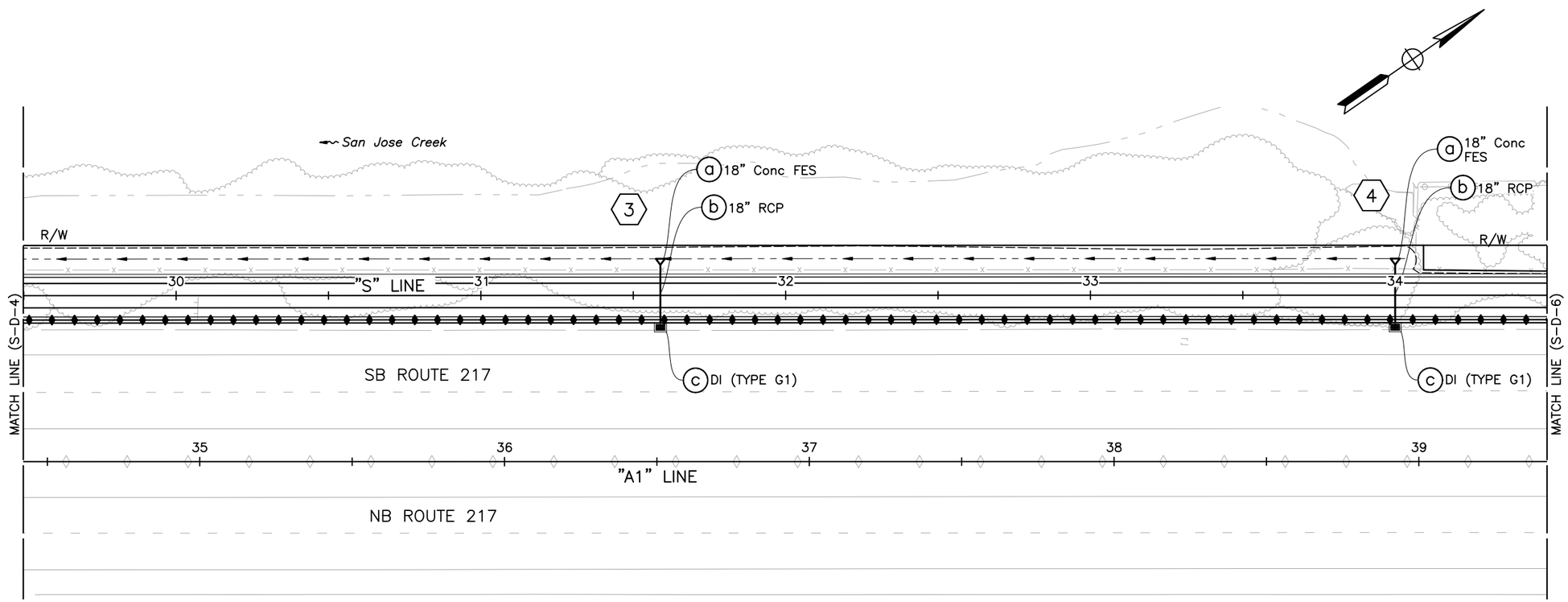
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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



CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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APPROVED FOR DRAINAGE WORK ONLY

SHEET 120 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

120 S-D-5

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:05 pm

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	45	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

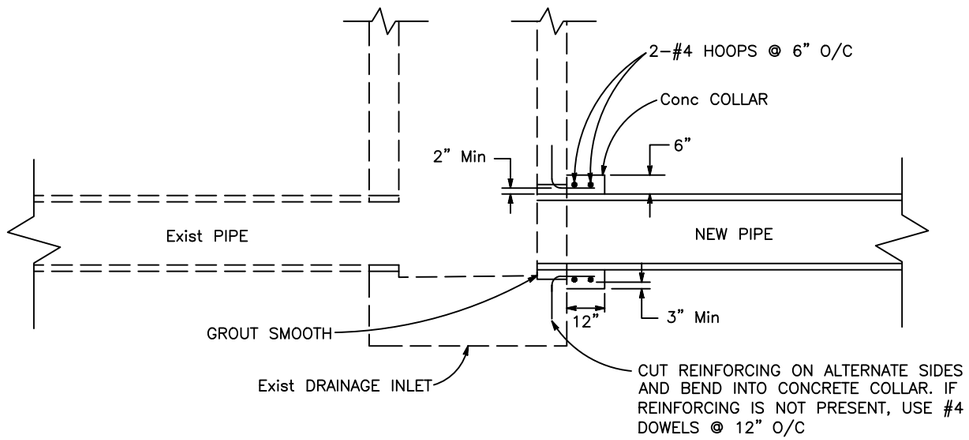
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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.

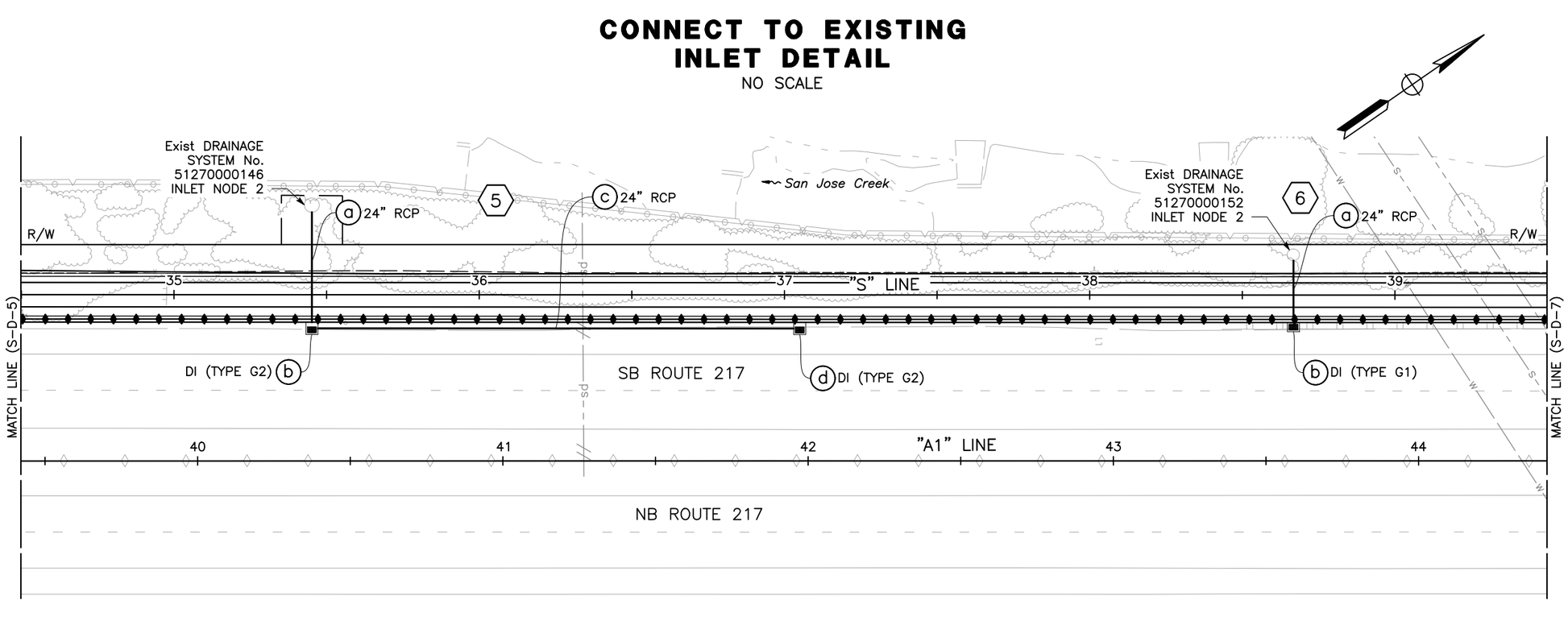
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



CONNECT TO EXISTING INLET DETAIL

NO SCALE



APPROVED FOR DRAINAGE WORK ONLY

SHEET 121 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-6

REVISED BY	DATE REVISED
BRYAN STONE	
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 => Jan 29, 2024
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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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

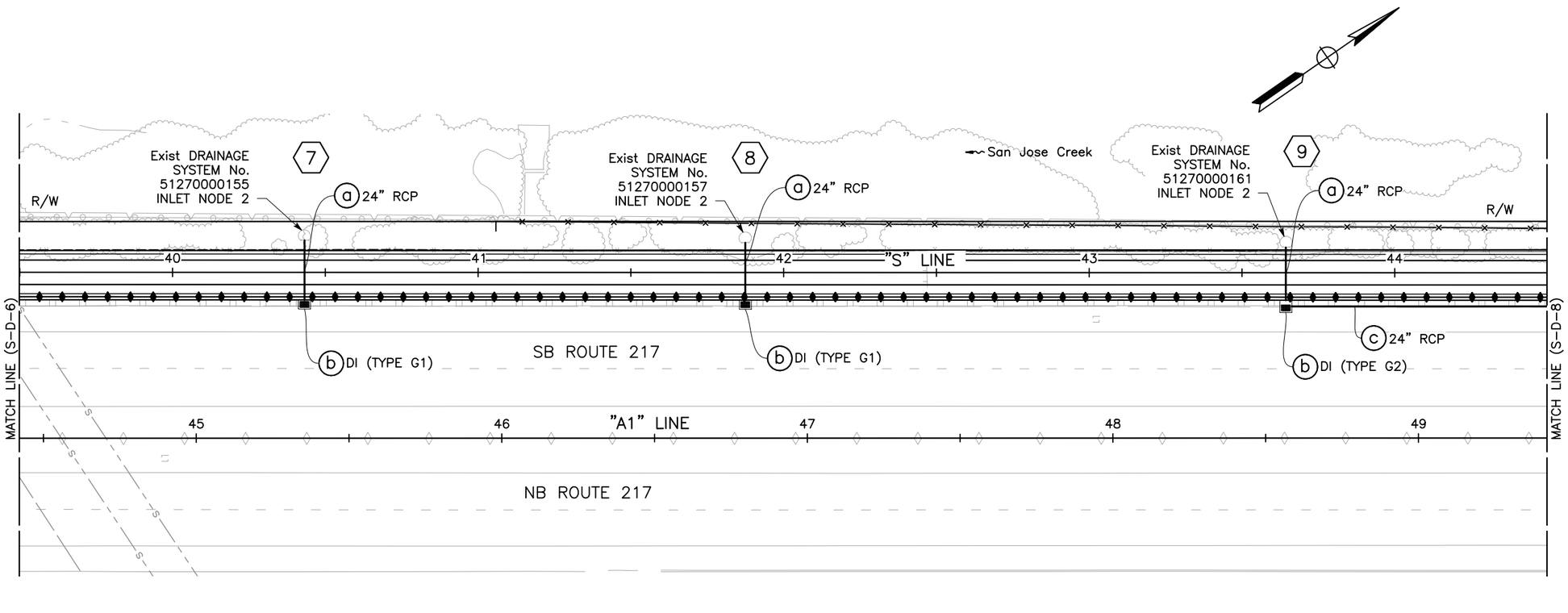
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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 DRAINAGE WORK ONLY

SHEET 122 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

126 S-D-7

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Cr Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 1/29/2024 6:06 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

CALCULATED-DESIGNED BY	CHECKED BY	CONSULTANT FUNCTIONAL SUPERVISOR	REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA	JOSE SILVA		

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:06 pm

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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

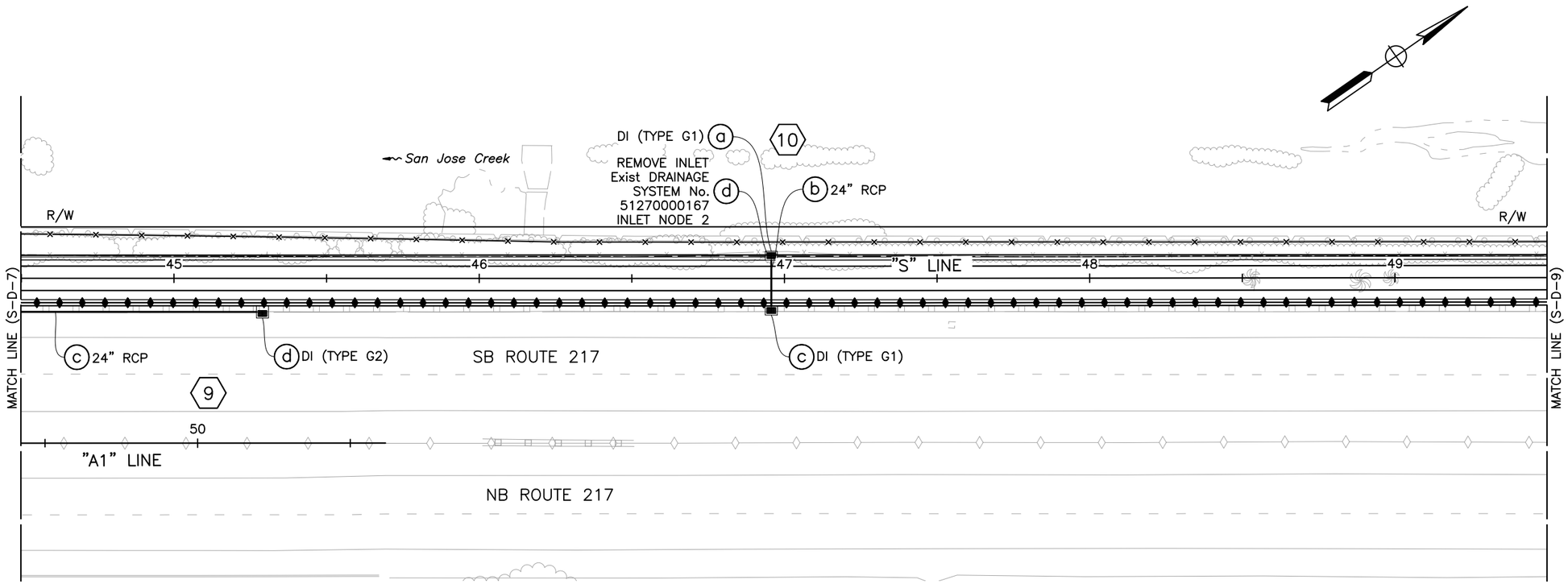
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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GOLETA, CA 93117

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



APPROVED FOR DRAINAGE WORK ONLY

SHEET 123 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

123 **S-D-8**

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	BRYAN STONE	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, 1/29/2024 6:06 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:06 pm

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 — 1-15-24 DATE

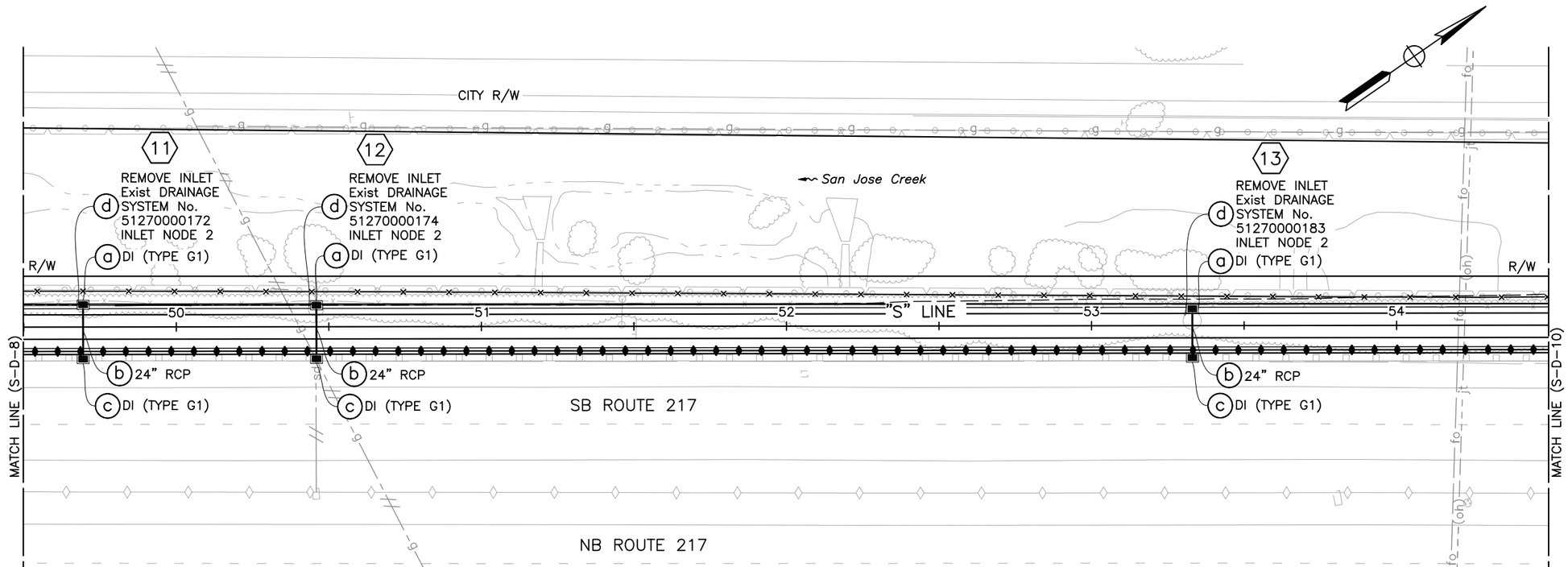
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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



DRAINAGE PLAN

SCALE: 1" = 20'

S-D-9

APPROVED FOR DRAINAGE WORK ONLY

SHEET 124 OF 234

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_D.dwg, 1/29/2024 6:06 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:06 pm

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	49	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

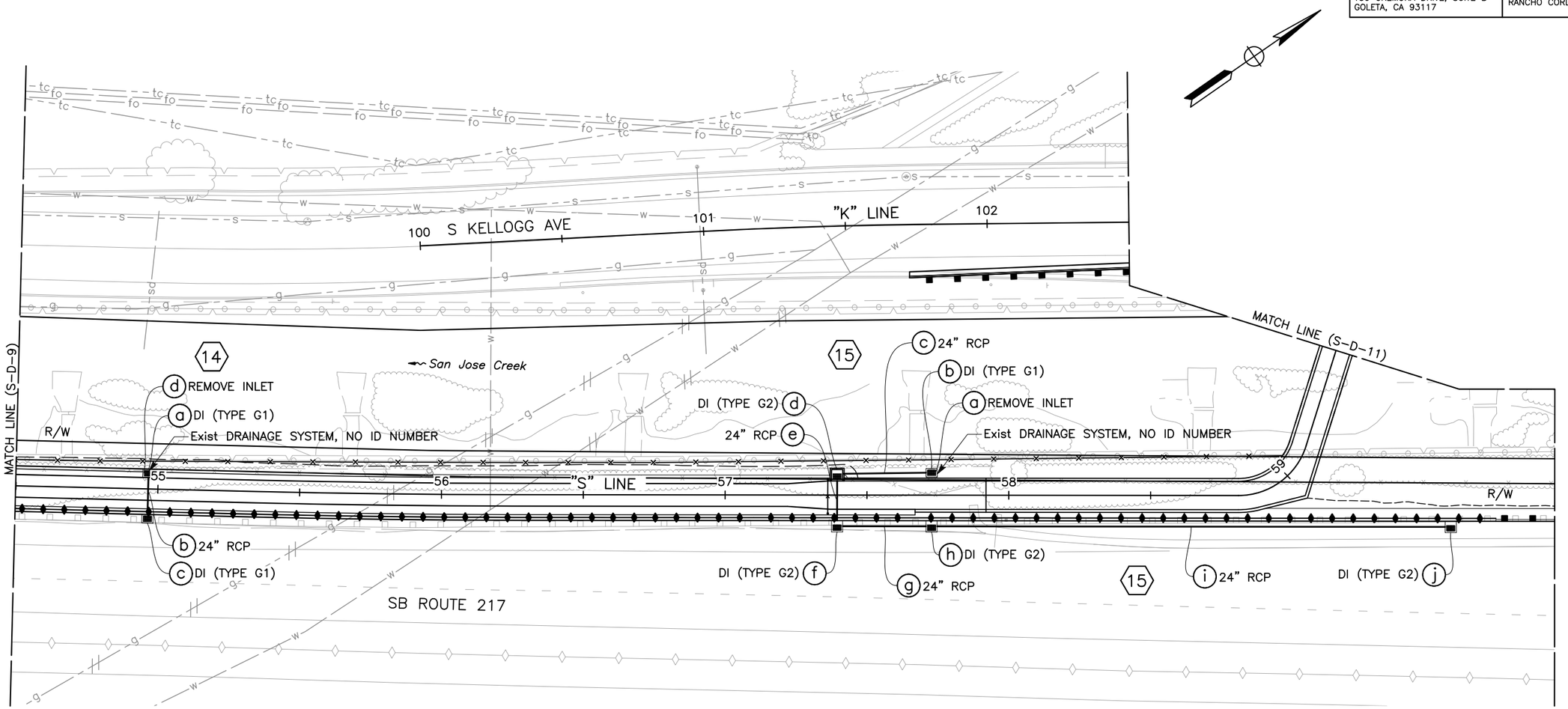
BRYAN STONE
No. 77427
Exp. 06-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
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GOLETA, CA 93117

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



APPROVED FOR DRAINAGE WORK ONLY

SHEET 125 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

S-D-10

REVISED BY	DATE REVISED
BRYAN STONE	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 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:06 pm

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	50	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

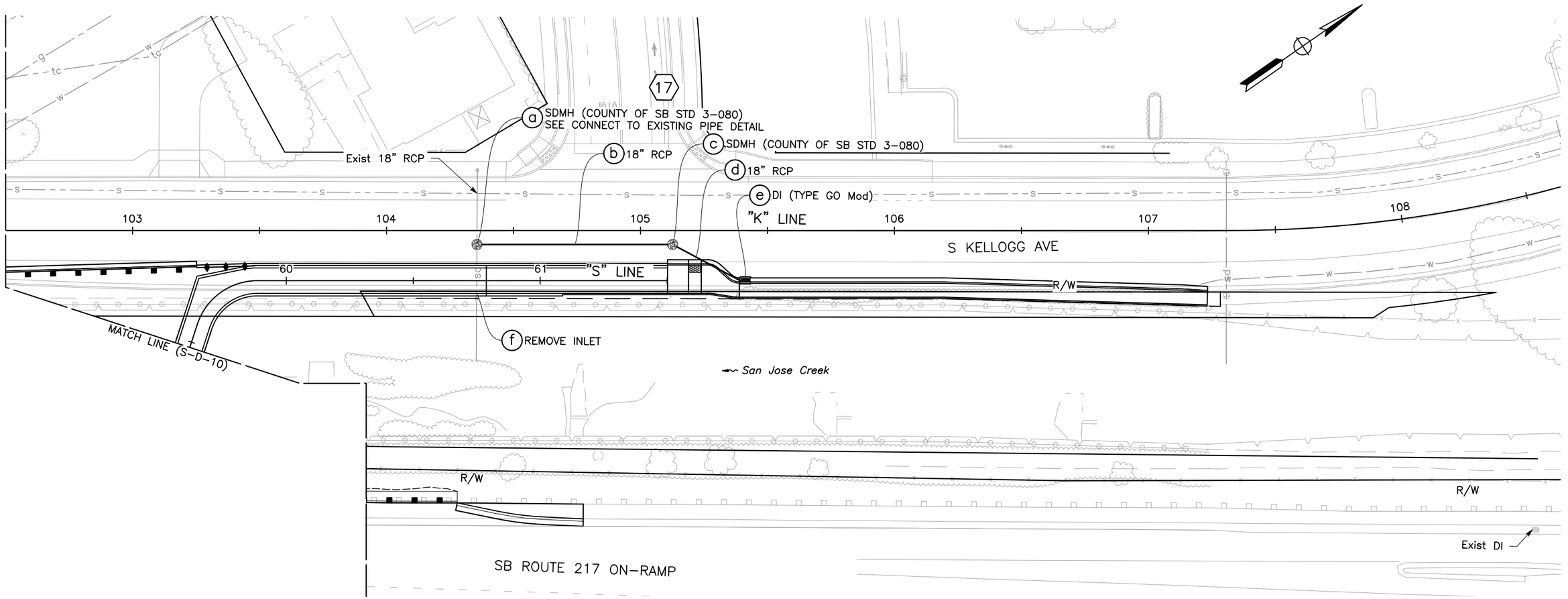
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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



REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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APPROVED FOR DRAINAGE WORK ONLY

SHEET 126 OF 234

DRAINAGE PLAN

SCALE: 1" = 20'

13S-D-11

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:06 pm

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	51	158

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.

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

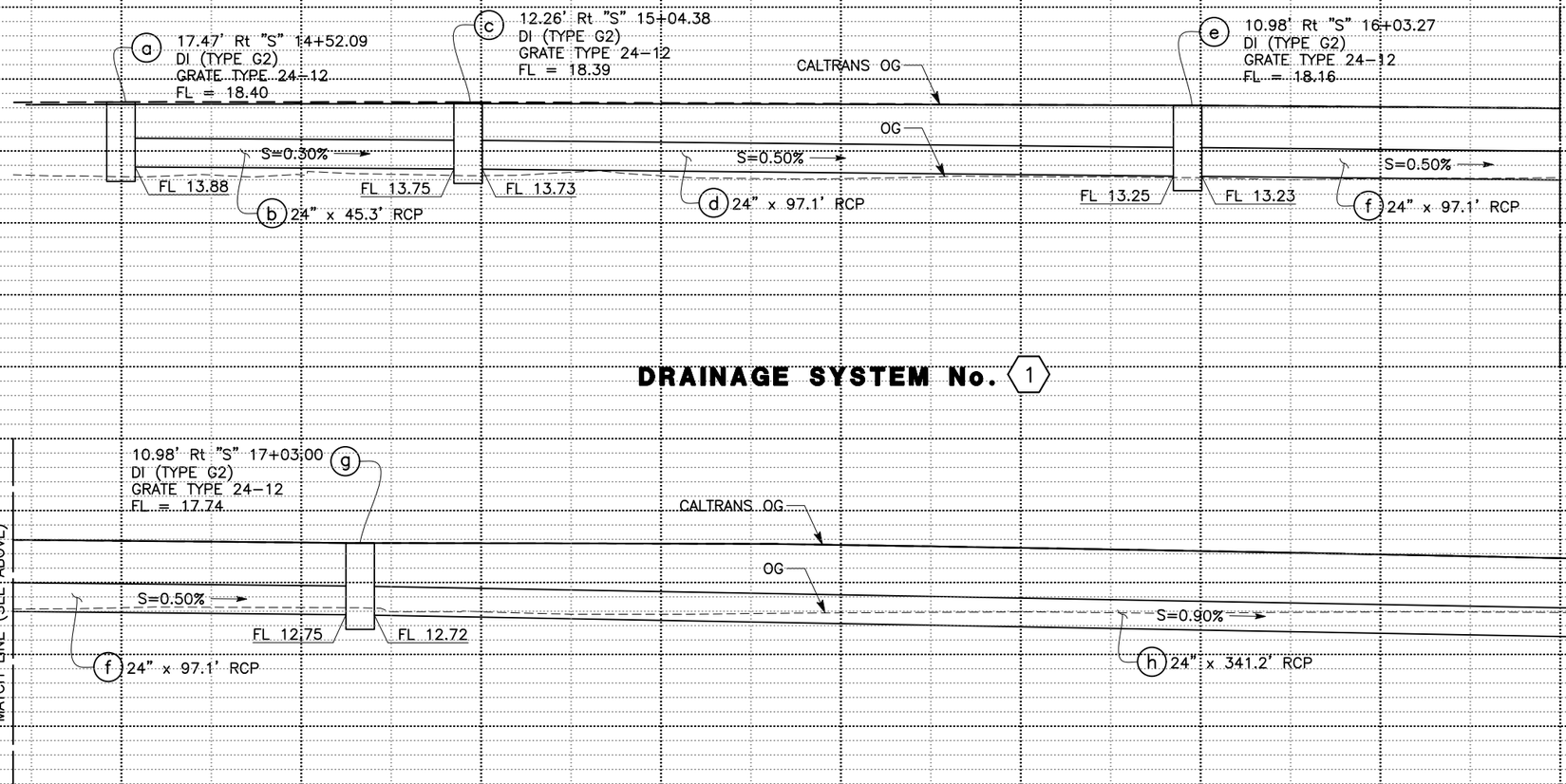
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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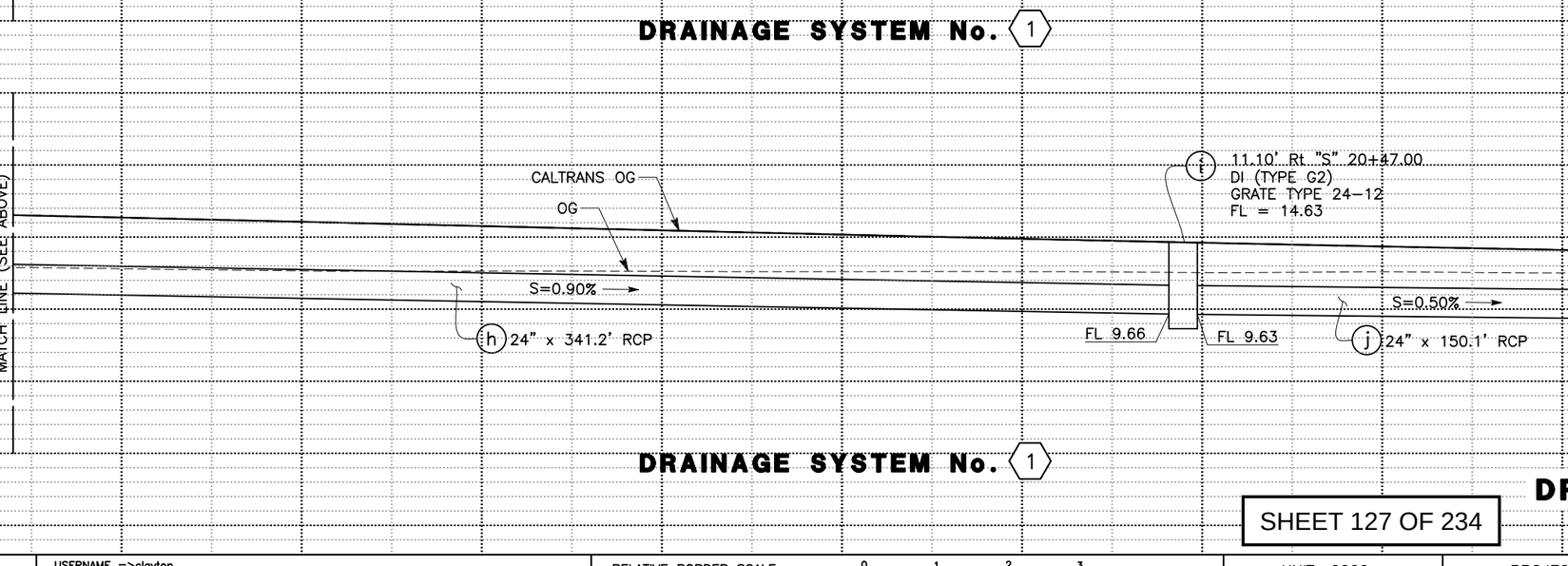
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



DRAINAGE SYSTEM No. 1

DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 1

DRAINAGE PROFILES

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

SHEET 127 OF 234

1S1-DP-1

REVISED BY	DATE REVISED
BRYAN STONE	
JOSE SILVA	

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:21 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
5	SB	217	1.0/2.4	52	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

BRYAN STONE No. 77427 Exp. 06-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

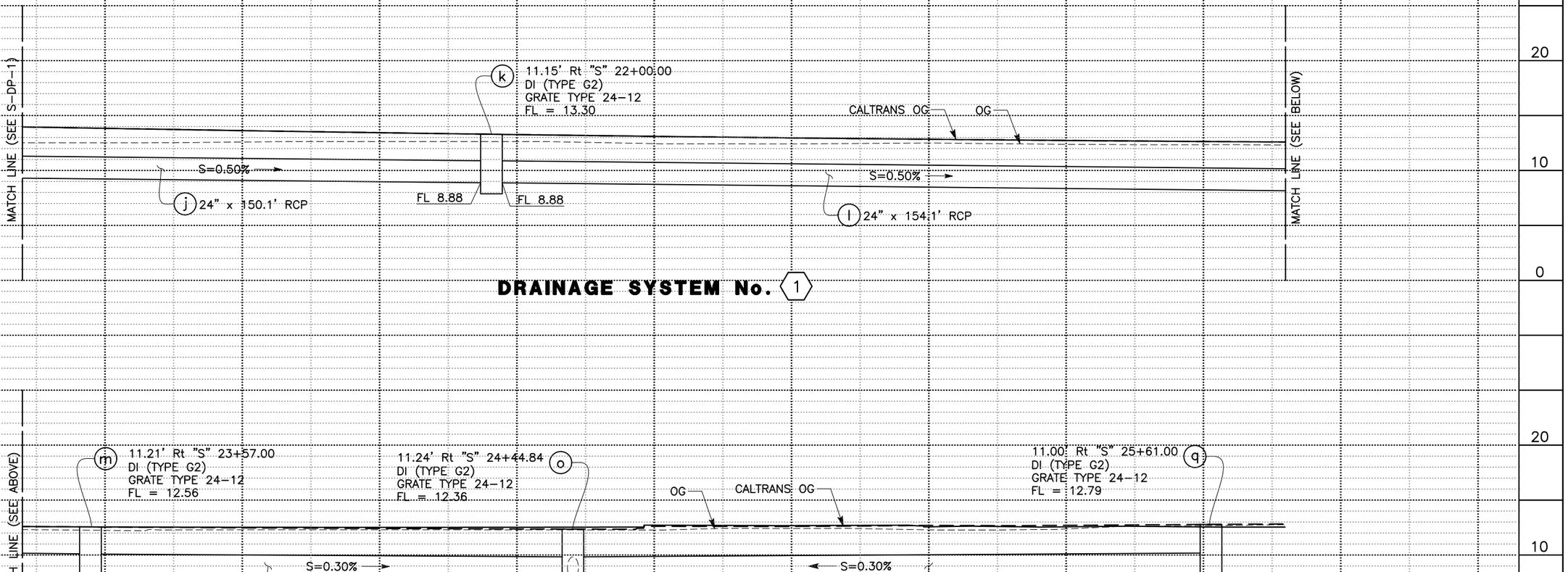
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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 SYSTEM No. 1

DRAINAGE SYSTEM No. 1

DRAINAGE PROFILES

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

SHEET 128 OF 234

S-DP-2

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

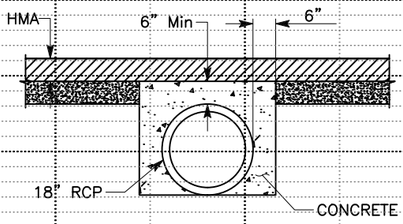
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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:22 pm
LAST REVISION 01-15-24

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

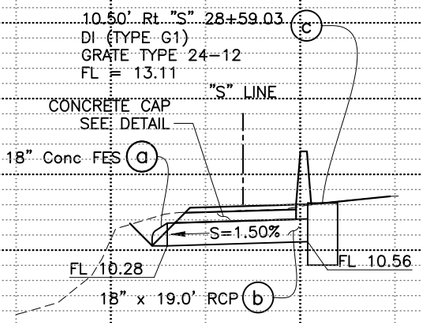
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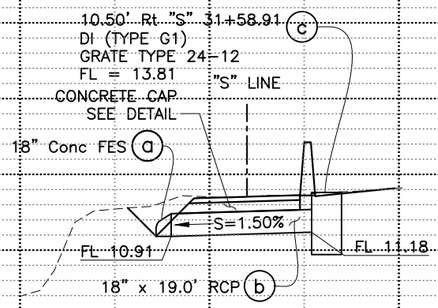


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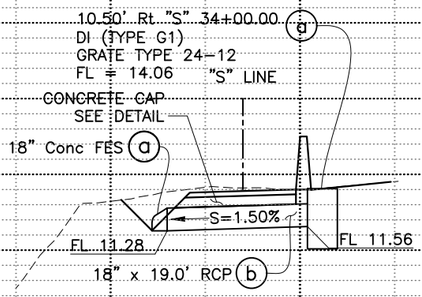
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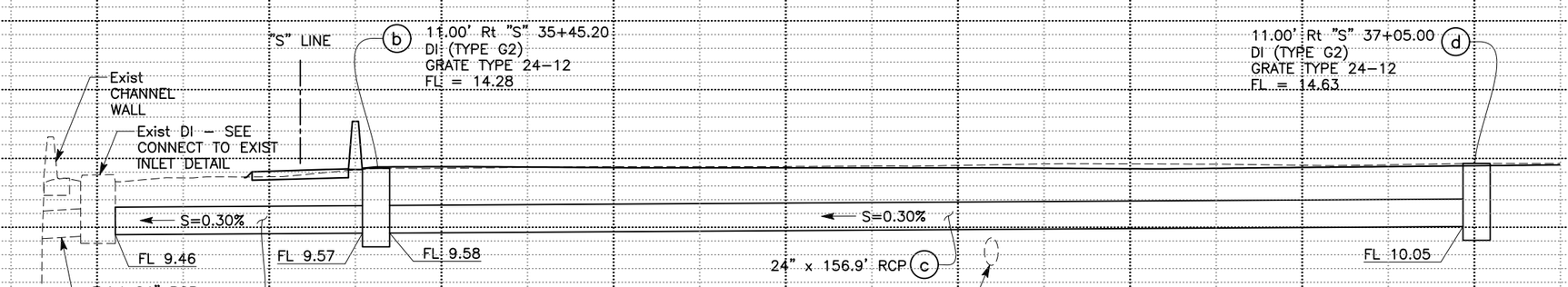
DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 3



DRAINAGE SYSTEM No. 4



DRAINAGE SYSTEM No. 5

DRAINAGE PROFILES

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

S-DP-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	53	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — 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
BRYAN STONE | JOSE SILVA
CALCULATED-DESIGNED BY | CHECKED BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

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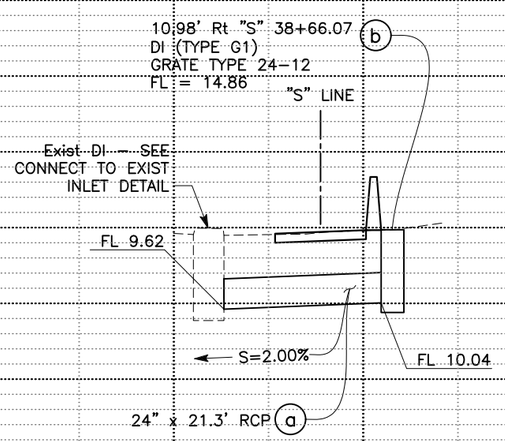
LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:22 pm

SHEET 129 OF 234

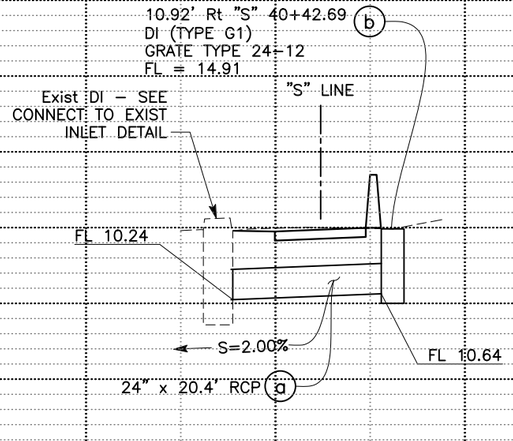
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NOTES:

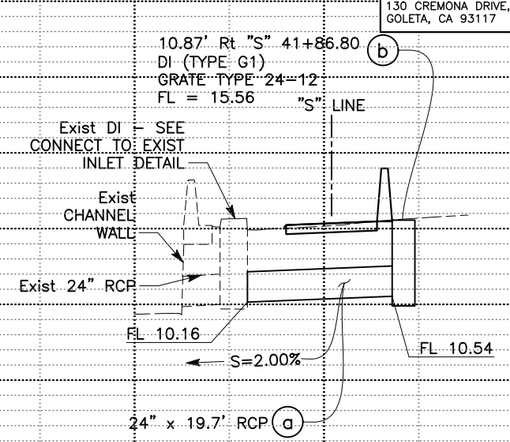
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2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.



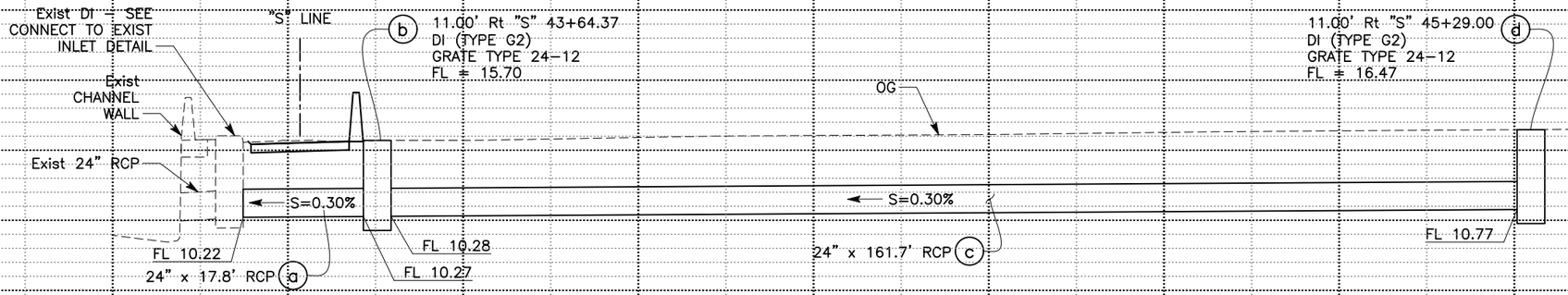
DRAINAGE SYSTEM No. 6



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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

BRYAN STONE No. 77427 Exp. 06-30-25 — REGISTERED PROFESSIONAL ENGINEER — 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

REVISED BY: BRYAN STONE — DATE REVISED
CALCULATED-DESIGNED BY: JOSE SILVA
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

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DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:23 pm
LAST REVISION 01-15-24

DRAINAGE PROFILES

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

S4DP-4

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	55	158

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February 05, 2024
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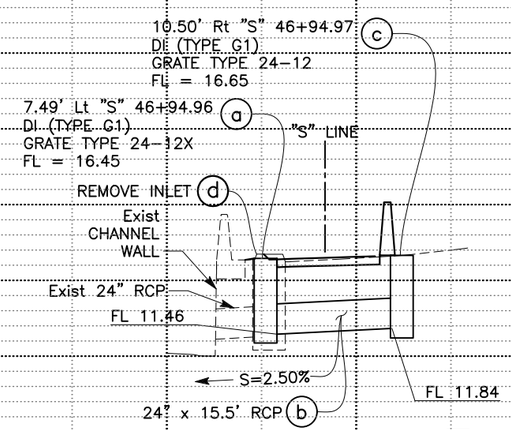
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DEPARTMENT OF PUBLIC WORKS
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GOLETA, CA 93117

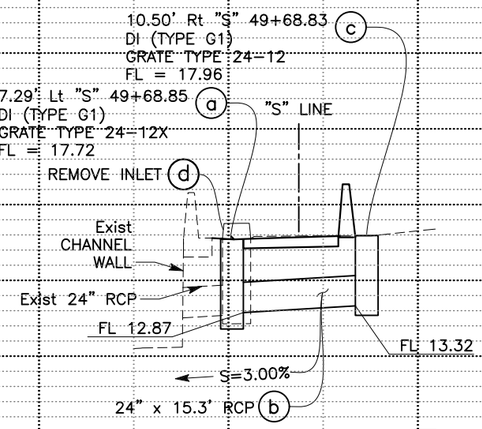
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

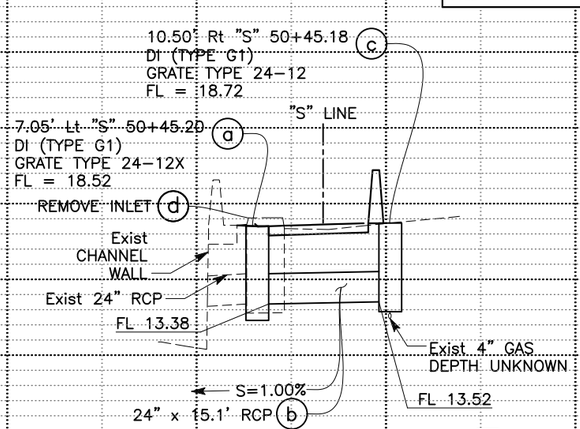
1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.



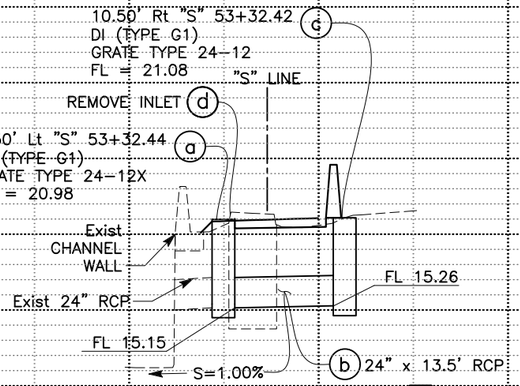
DRAINAGE SYSTEM NO. 10



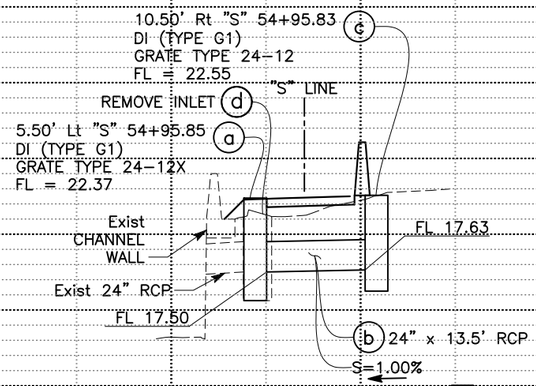
DRAINAGE SYSTEM NO. 11



DRAINAGE SYSTEM NO. 12



DRAINAGE SYSTEM No. 13



DRAINAGE SYSTEM No. 14

DRAINAGE PROFILES

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

SHEET 131 OF 234

S-DP-5

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY
CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:24 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
5	SB	217	1.0/2.4	56	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

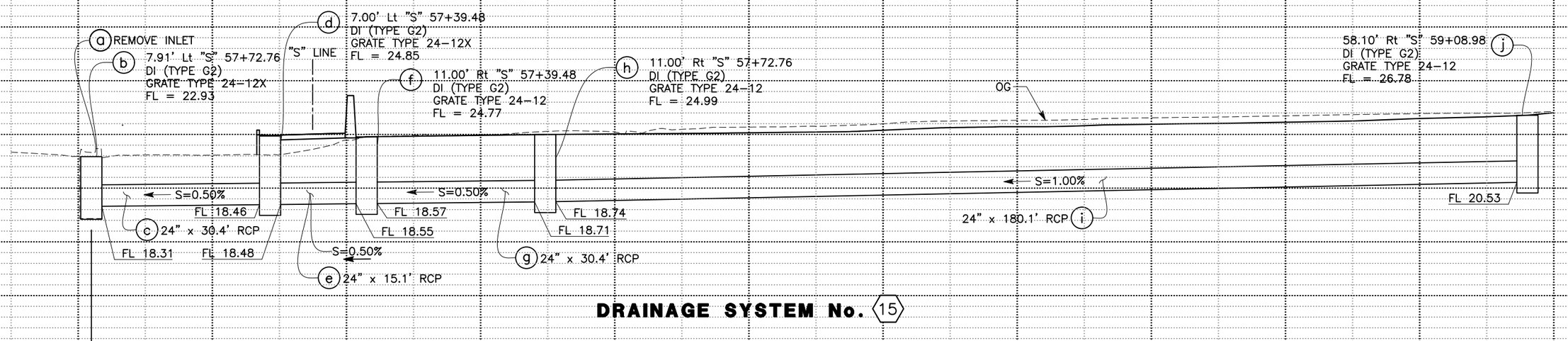
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

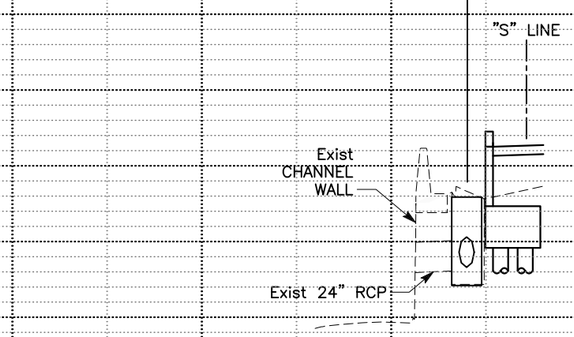
DEWBERRY ENGINEERS, INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

NOTES:

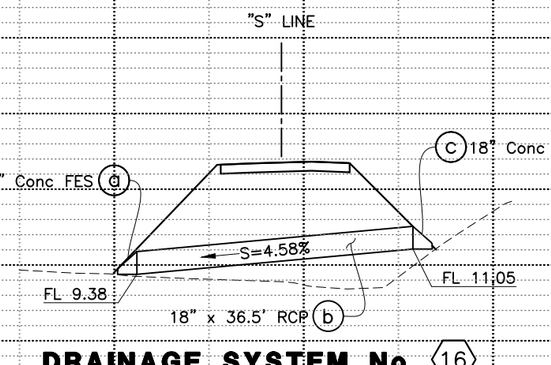
1. ALL STATION, OFFSETS, AND CORRESPONDING SHOWN LEADER LINES ARE TO THE CENTER OF BOX (COB) OR FLOW LINE AT CURB (FL) UNLESS OTHERWISE SHOWN.
2. ALL DRAINAGE STRUCTURES ARE RADIAL TO THE REFERENCED ALIGNMENT UNLESS OTHERWISE SHOWN.



DRAINAGE SYSTEM No. 15



DRAINAGE SYSTEM No. 15



DRAINAGE SYSTEM No. 16

DRAINAGE PROFILES

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

SHEET 132 OF 234

S-DP-6

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_DP.dwg, 1/30/2024 8:25 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:25 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

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	57	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

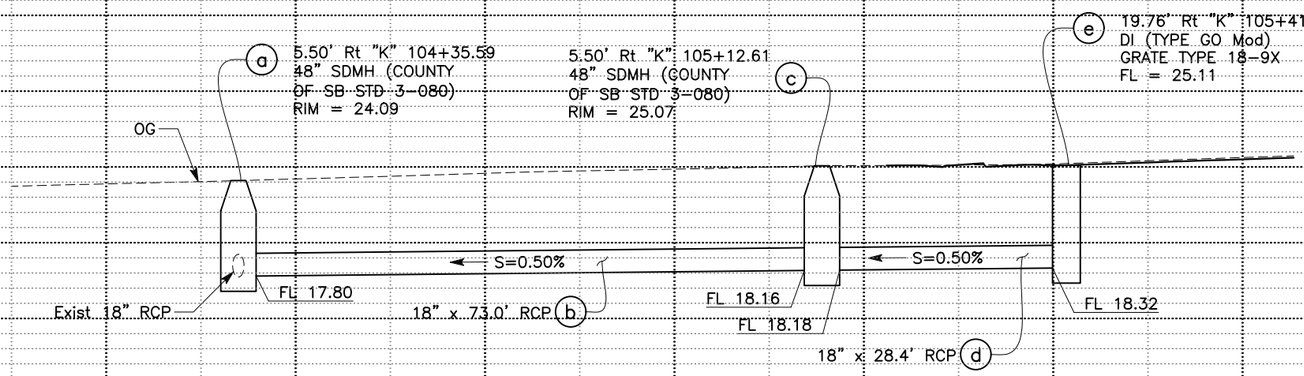
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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. 18

DRAINAGE PROFILES

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

SHEET 133 OF 234

17-DP-7

BRYAN STONE — DESIGNED BY
JOSE SILVA — DRAWN BY
JOSE SILVA — CONSULTANT FUNCTIONAL SUPERVISOR
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CALCULATED-DESIGNED BY
CHECKED BY
REVISED BY
DATE REVISED

\\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, 1/30/2024 8:29 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:29 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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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	MINOR CONCRETE (MINOR STRUCTURE)	HEIGHT OF INLET	DRAINAGE INLET MARKER	18" CONCRETE FES	STORM DRAIN MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	EA	
S-D-1	16	a										1		
		b				36.5								
		c										1		
S-D-2	1	a						326	2.00	5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		b					45.3							
		c						326	2.04	5.7	1			DI (TYPE G2), GRATE TYPE 24-12
		d					97.1							
		e						326	2.10	5.9	1			DI (TYPE G2), GRATE TYPE 24-12
		f					97.1							
		g						326	2.13	6.0	1			DI (TYPE G2), GRATE TYPE 24-12
		h					341.2							
		r		1										
S-D-3	1	i						326	2.12	6.0	1			DI (TYPE G2), GRATE TYPE 24-12
		j					150.1							
		k						326	2.35	6.9	1			DI (TYPE G2), GRATE TYPE 24-12
		l					154.1							
		m						326	1.99	5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		n					84.9							
		o						326	2.01	5.5	1			DI (TYPE G2), GRATE TYPE 24-12
		s			1									
S-D-4	1	p					113.2							
		q						326	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	21.14	–	11	4	0	

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	BRYAN STONE	JOSE SILVA		

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:17 pm

DRAINAGE QUANTITES
S-DQ-1

SHEET 134 OF 234

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton 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	59	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

February 05, 2024
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 — BRYAN STONE — No. 77427 — Exp. 06-30-25 — 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

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	MINOR CONCRETE (MINOR STRUCTURE)	HEIGHT OF INLET	DRAINAGE INLET MARKER	18" CONCRETE FES	STORM DRAIN MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	EA	
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							
		b						326	2.05	5.7	1			DI (TYPE G2), GRATE TYPE 24-12
		c					156.9							
		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	2.23	6.4	1			DI (TYPE G2), GRATE TYPE 24-12
		c					161.7							
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	20.27	–	12	1	0	

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

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DRAINAGE QUANTITES
S-DQ-2

SHEET 135 OF 234

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:17 pm

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	60	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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	MINOR CONCRETE (MINOR STRUCTURE)	HEIGHT OF INLET	DRAINAGE INLET MARKER	18" CONCRETE FES	STORM DRAIN MANHOLE	DESCRIPTION
			EA	EA	EA	LF	LF	LB	CY	LF	EA	EA	EA	
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	2.59	7.8	1			DI (TYPE G2), GRATE TYPE 24-12X
		e					15.1							
		f						326	2.44	7.2	1			DI (TYPE G2), GRATE TYPE 24-12
		g					30.4							
		h						326	2.45	7.3	1			DI (TYPE G2), GRATE TYPE 24-12
		i					180.1							
		j						326	2.44	7.2	1			DI (TYPE G2), GRATE TYPE 24-12
S-D-11	17	a											1	COUNTY OF SB STD 3-080
		b				73.0								
		c											1	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	24.03	–	12	0	2	
TOTAL			7	1	1	194.9	1846.3	10749	65.44	–	35	5	2	

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

REVISED BY | DATE REVISED

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DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:17 pm
LAST REVISION 01-15-24

DRAINAGE QUANTITES
S-DQ-3

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | 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	158

NOTES:

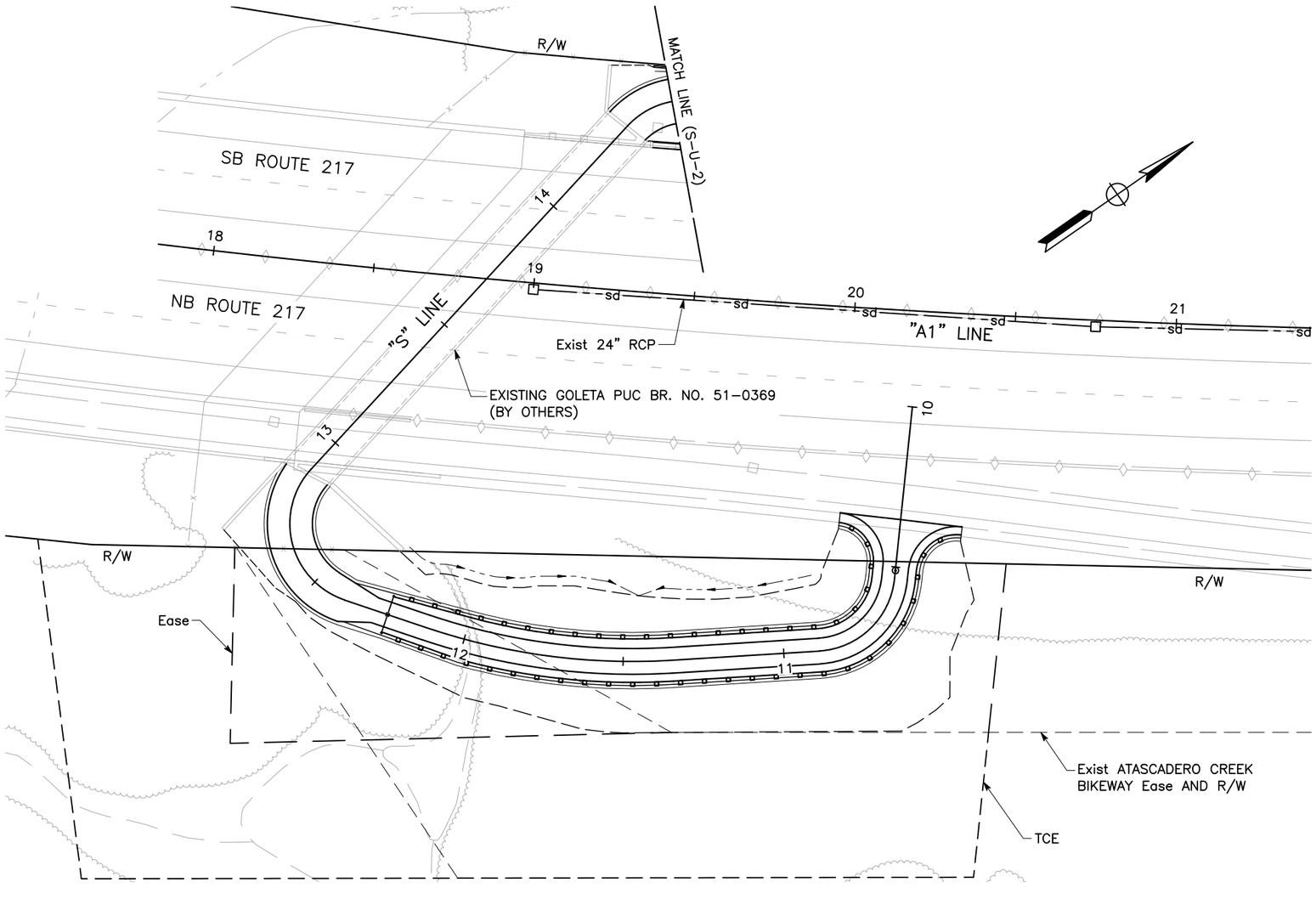
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. UTILITIES SHOWN ARE APPROXIMATE. VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

LEGEND:

● UTILITY DEPTH INFORMATION OBTAINED FROM RECORD DRAWINGS PROVIDED BY CITY OF GOLETA

UTILITY CONTACT INFORMATION

COX - CABLE	JOSEPH ANGEL	(805) 896-9014	JOSEPH.ANGEL@COX.COM
CROWN CASTLE	FELIX VIGIL	(562) 760-9386	FELIX.VIGIL@CROWNCASTLE.COM
FRONTIER - TELECOMMUNICATIONS	LAD KUZELA	(916) 390-7937	LADISLAV.J.KUZELA@FTR.COM
GOLETA SANITARY - SEWER	LUIS ASTORGA	(805) 967-4519	LASTORGA@GOLETASANITARY.ORG
GOLETA WATER	BENJAMIN SCHMIDT	(805) 879-4623	BSCHNIDT@GOLETAWATER.COM
LUMEN - TELECOMMUNICATIONS	SCOTT MATTINGLY	(213) 996-5590	SCOTT.MATTINGLY@LUMEN.COM
SOUTHERN CALIFORNIA ELECTRIC	GEORGE PEREZ	(720) 888-3813	GEORGE.PEREZ@SCE.COM
SOUTHERN CALIFORNIA GAS	KARL MONTELEONE	(805) 681-7945	KMONTELEONE@SOCALGAS.COM



REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — 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

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 137 OF 234

UTILITY PLAN

SCALE: 1" = 20'

141 **S-U-1**

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:19 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	62	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

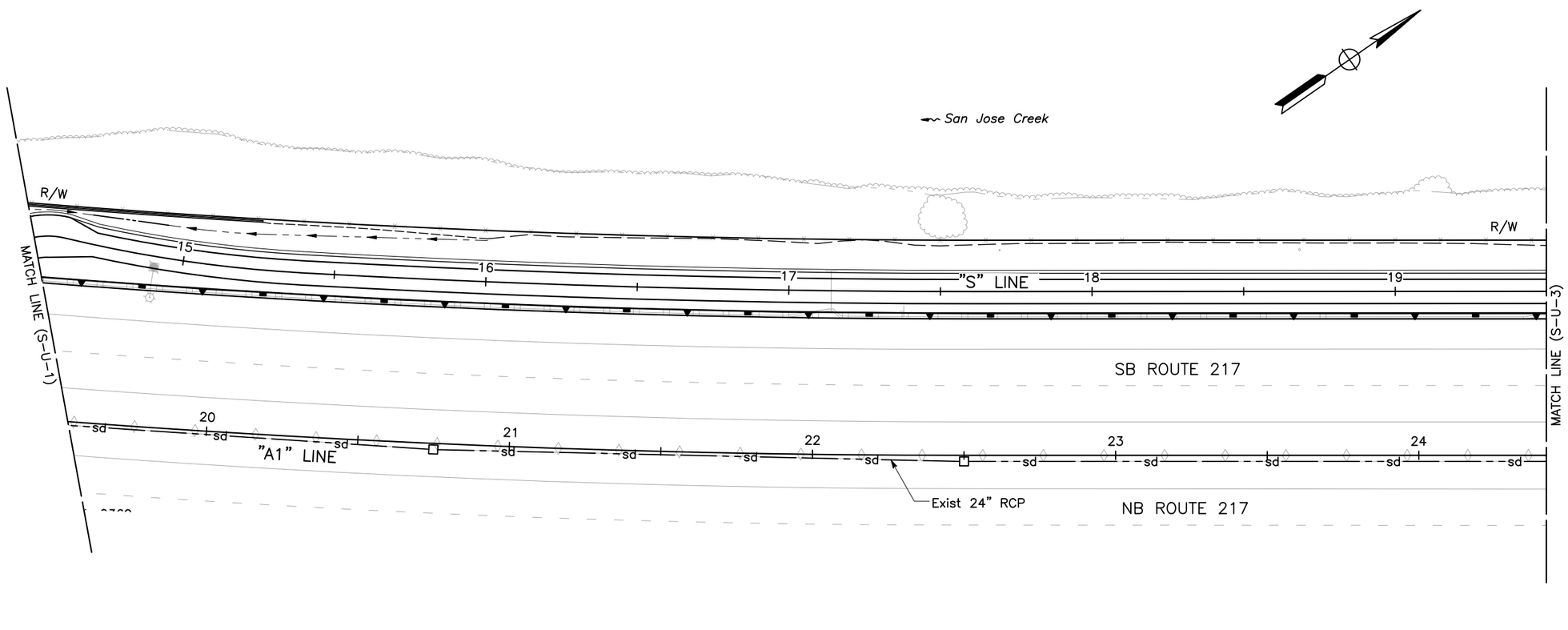
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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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



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 138 OF 234

UTILITY PLAN

SCALE: 1" = 20'

142 **S-U-2**

REVISED BY	DATE REVISED

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

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:20 pm

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – CI Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_U.dwg, 1/29/2024 6:20 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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

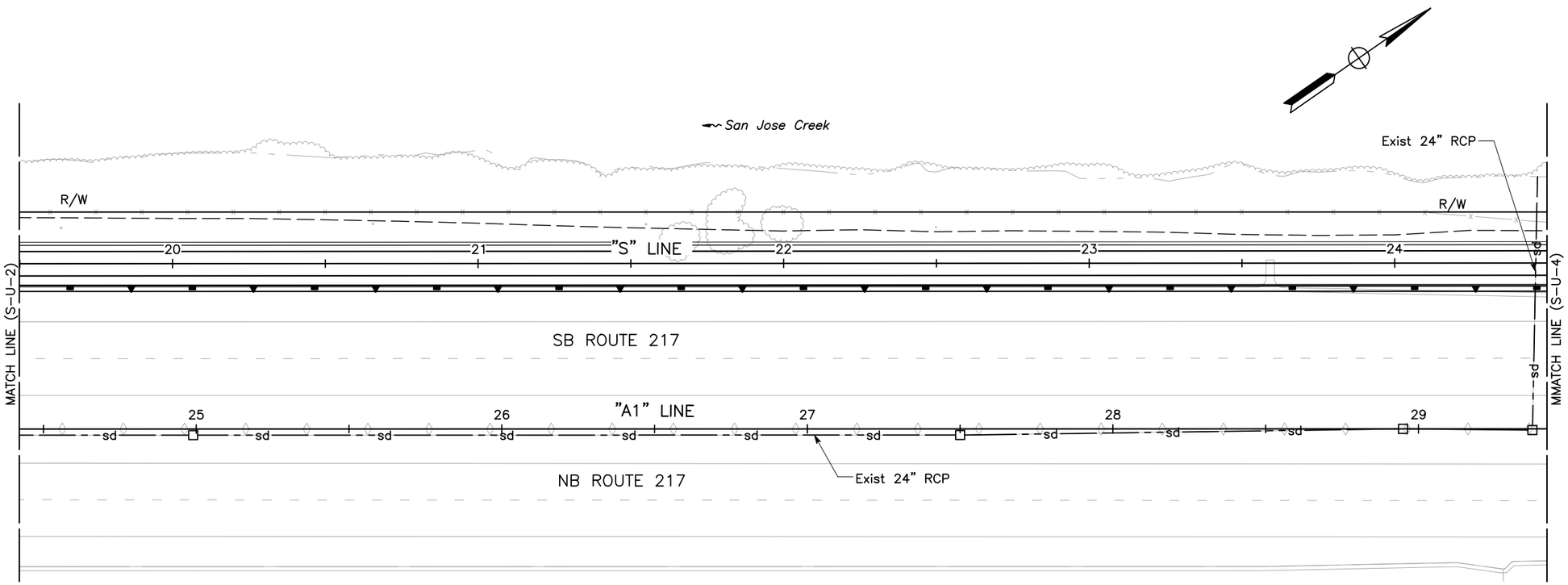
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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 UTILITY INFORMATION ONLY

SHEET 139 OF 234

UTILITY PLAN

SCALE: 1" = 20'

S-U-3

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED–DESIGNED BY	CHECKED BY	DRAWN BY	REVISED BY	DATE REVISED
	JOSE SILVA	BRYAN STONE	JOSE SILVA			

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_U.dwg, 1/29/2024 6:20 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:20 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	64	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

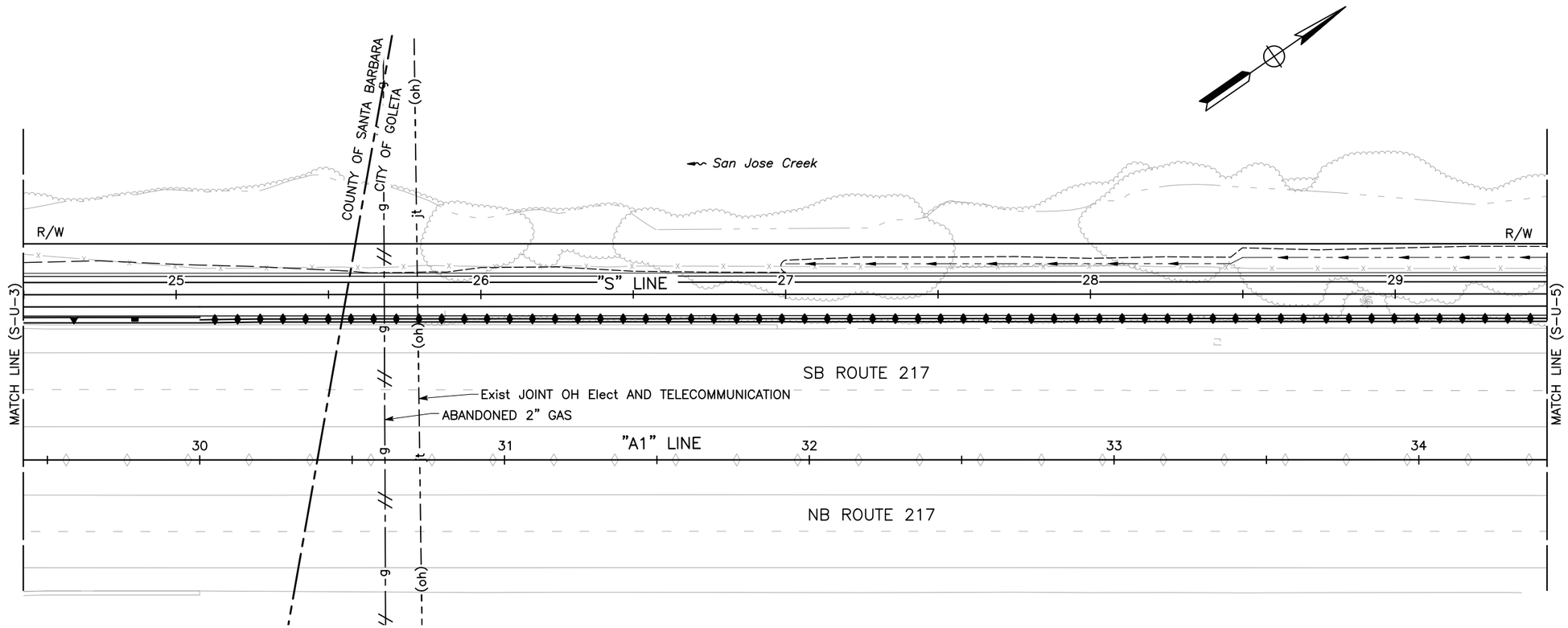
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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 140 OF 234

UTILITY PLAN

SCALE: 1" = 20'

140 **S-U-4**

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
BRYAN STONE	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\SR217_R_U.dwg, 1/29/2024 6:20 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:20 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	65	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

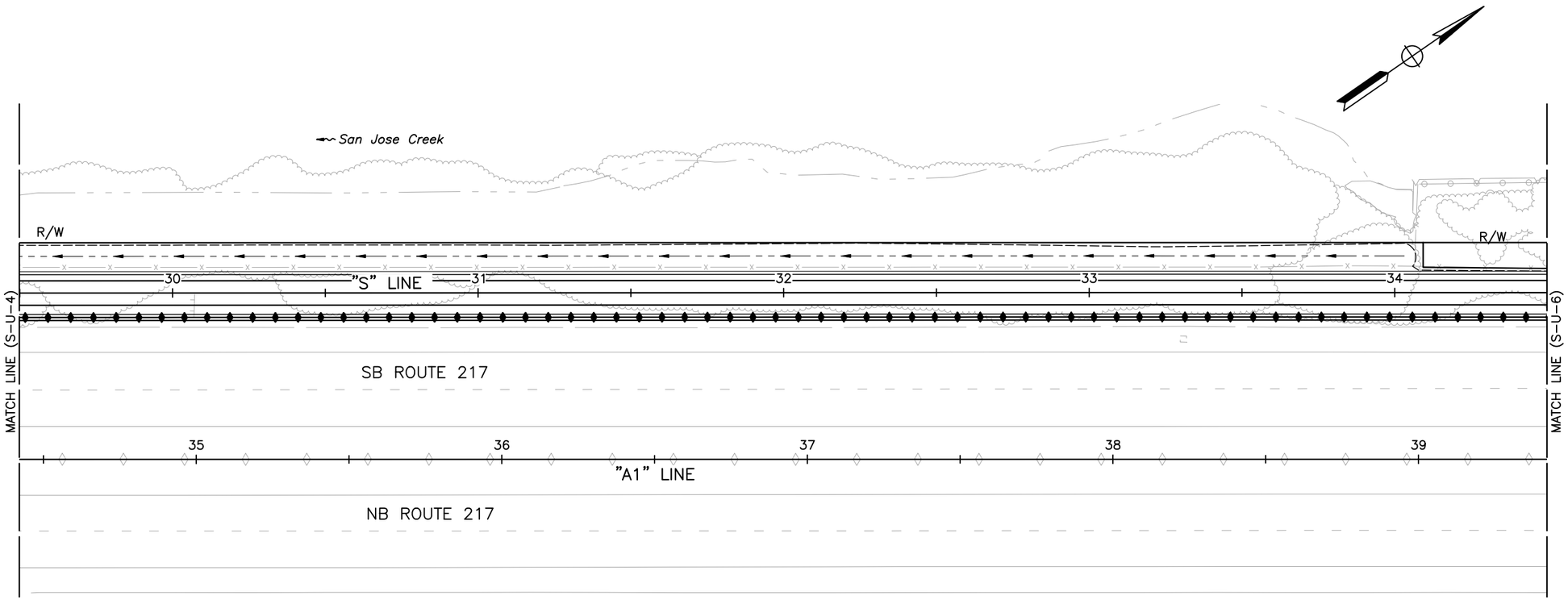
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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



NO UTILITIES ON THIS SHEET. SHOWN FOR REFERENCE ONLY

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 141 OF 234

UTILITY PLAN

SCALE: 1" = 20'

145 **S-U-5**

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:21 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	66	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

BRYAN STONE No. 77427 Exp. 06-30-25 — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

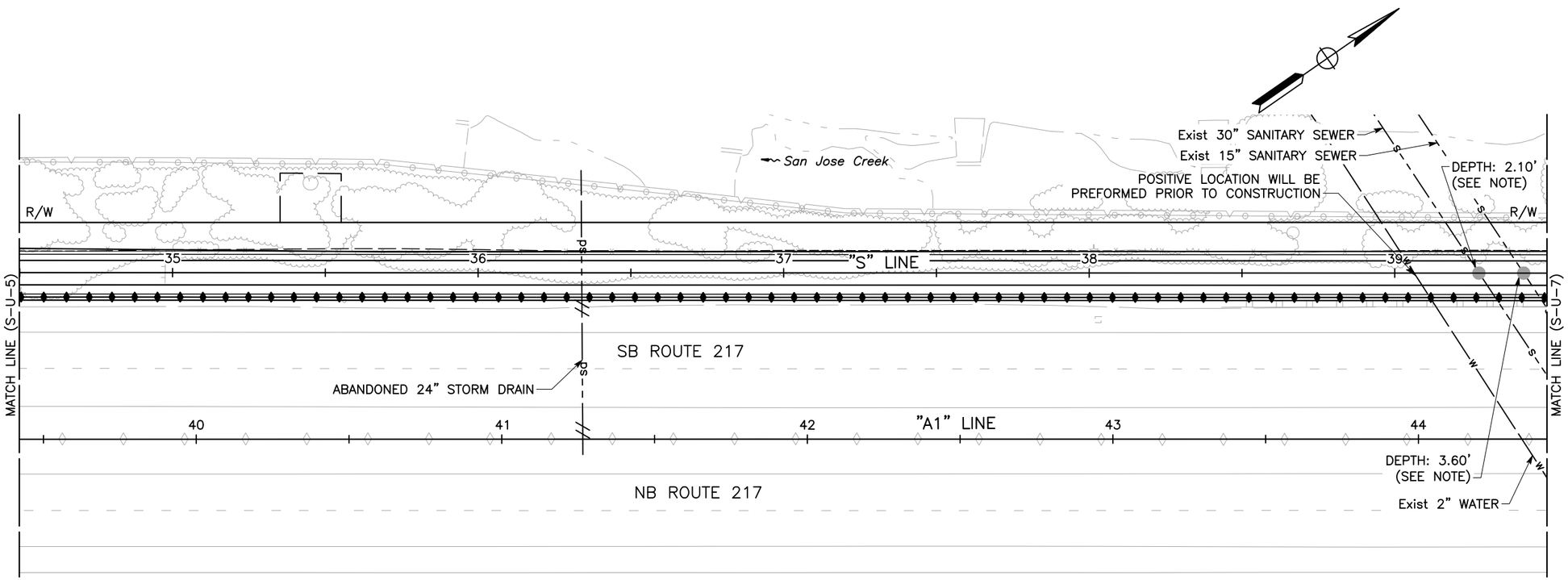
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

NOTES:

1. UTILITY ELEVATION IS APPROXIMATE AND BASED ON AS-BUILTS INFORMATION DATED DECEMBER 2015 FROM SAN JOSE CREEK CAPACITY IMPROVEMENT & FISH PASSAGE PROJECT.
2. NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 142 OF 234

UTILITY PLAN

SCALE: 1" = 20'

S-U-6

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	
CONSULTANT FUNCTIONAL SUPERVISOR	
CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS	

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:21 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	67	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

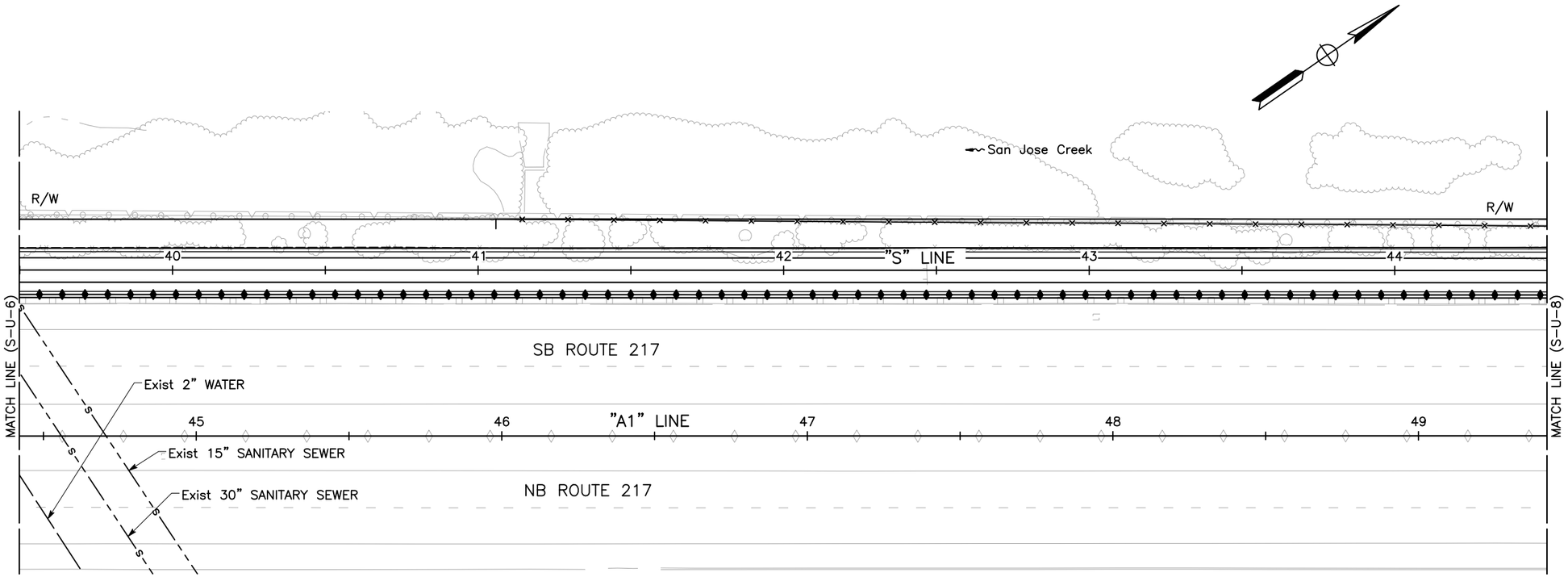
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DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

NOTE:

NO HIGH PRIORITY UTILITIES PRESENT ON THIS SHEET.



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 143 OF 234

UTILITY PLAN

SCALE: 1" = 20'

S-U-7

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

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – C\ Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_U.dwg, 1/29/2024 6:21 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
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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	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

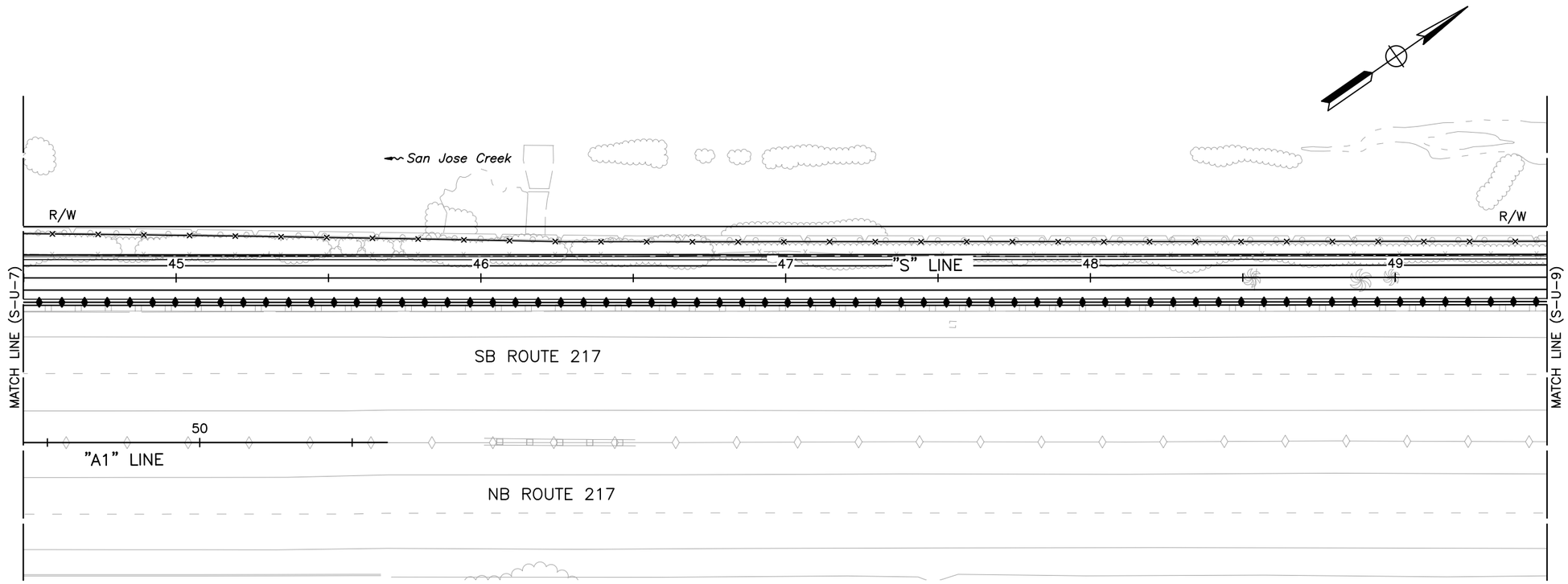
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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



NO UTILITIES ON THIS SHEET. SHOWN FOR REFERENCE ONLY

APPROVED FOR UTILITY INFORMATION ONLY

SHEET 144 OF 234

UTILITY PLAN

SCALE: 1" = 20'

148 **S-U-8**

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRYAN STONE
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\SR217_R_U.dwg, 1/29/2024 6:21 PM

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:21 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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

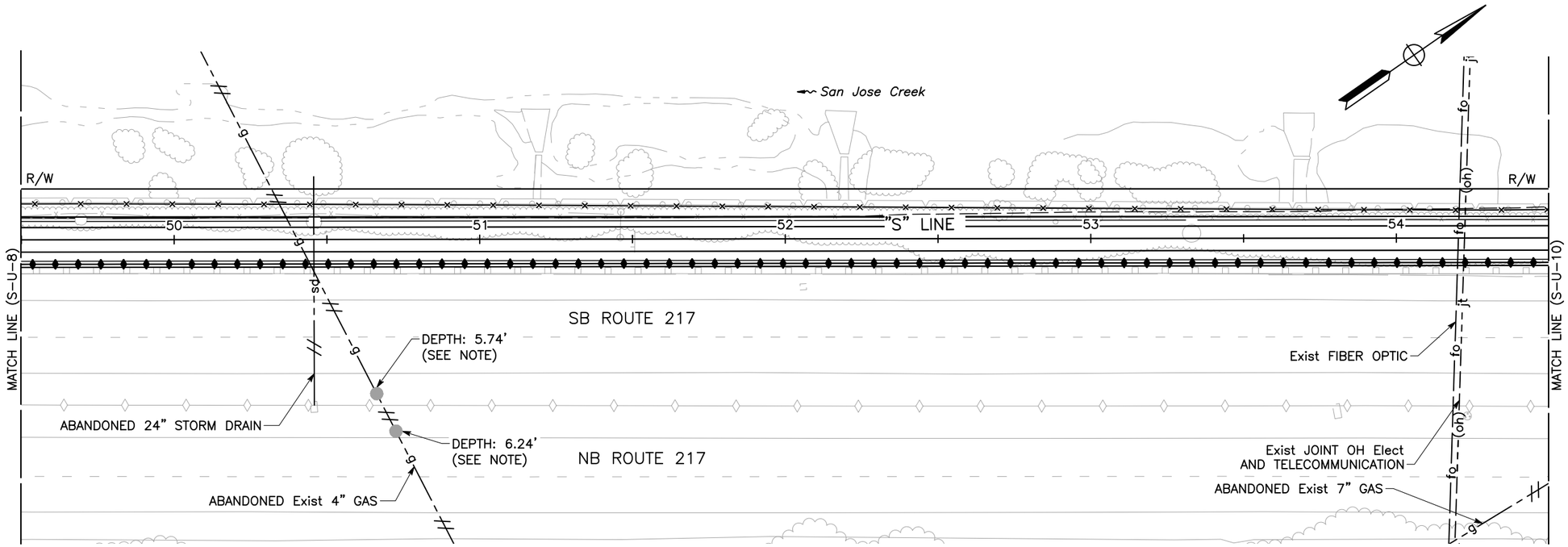
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

NOTES:

1. UTILITY ELEVATION IS APPROXIMATE AND BASED ON AS-BUILTS 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.



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 145 OF 234

UTILITY PLAN

SCALE: 1" = 20'

S-U-9

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:22 pm

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY: BRYAN STONE
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\SR217_R_U.dwg, 1/29/2024 6:22 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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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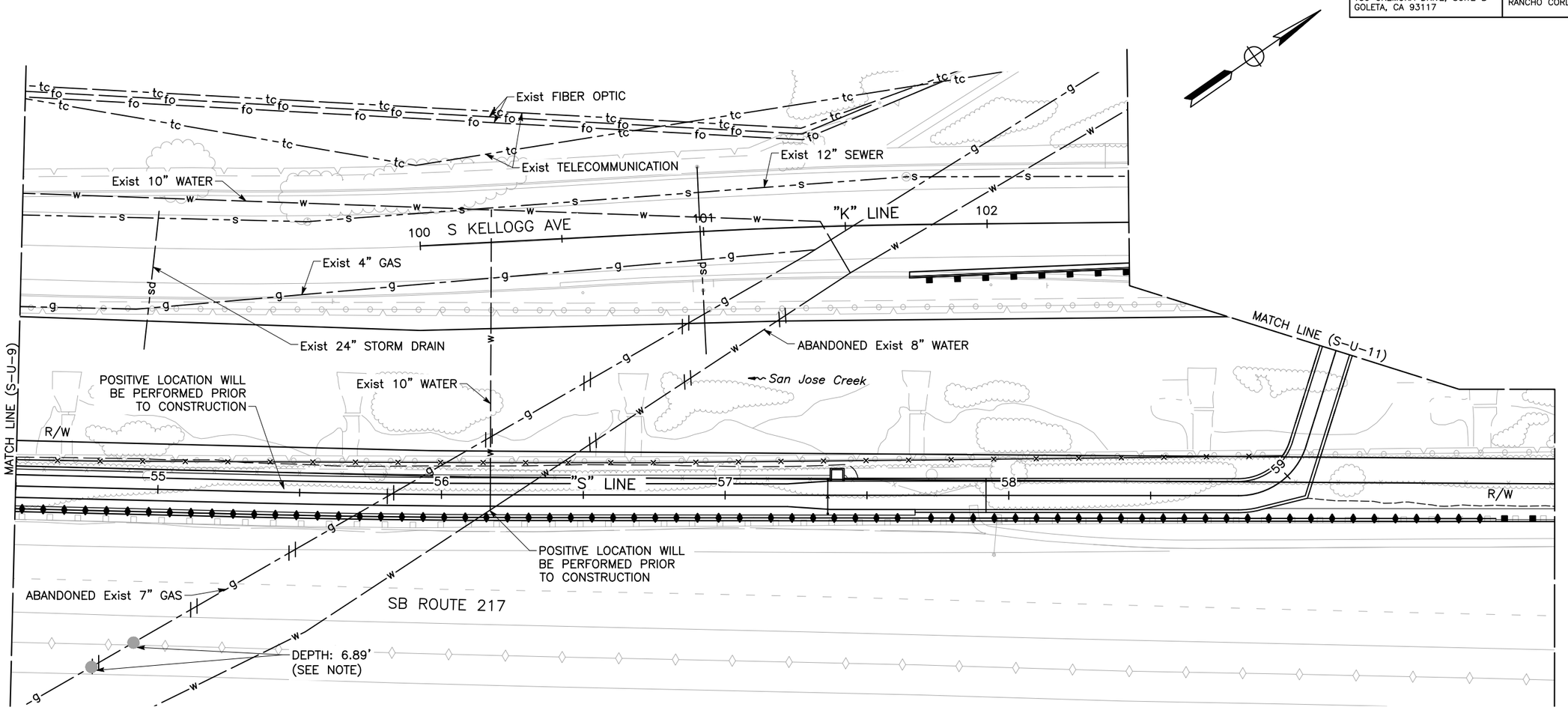
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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

NOTES:

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2. NO HIGH PRIORITY UTILITIES ON THIS SHEET.



APPROVED FOR UTILITY INFORMATION ONLY

SHEET 146 OF 234

UTILITY PLAN
SCALE: 1" = 20'
S-U-10

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

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 6:22 pm

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SR217_R_U.dwg, 1/29/2024 6:22 PM

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	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

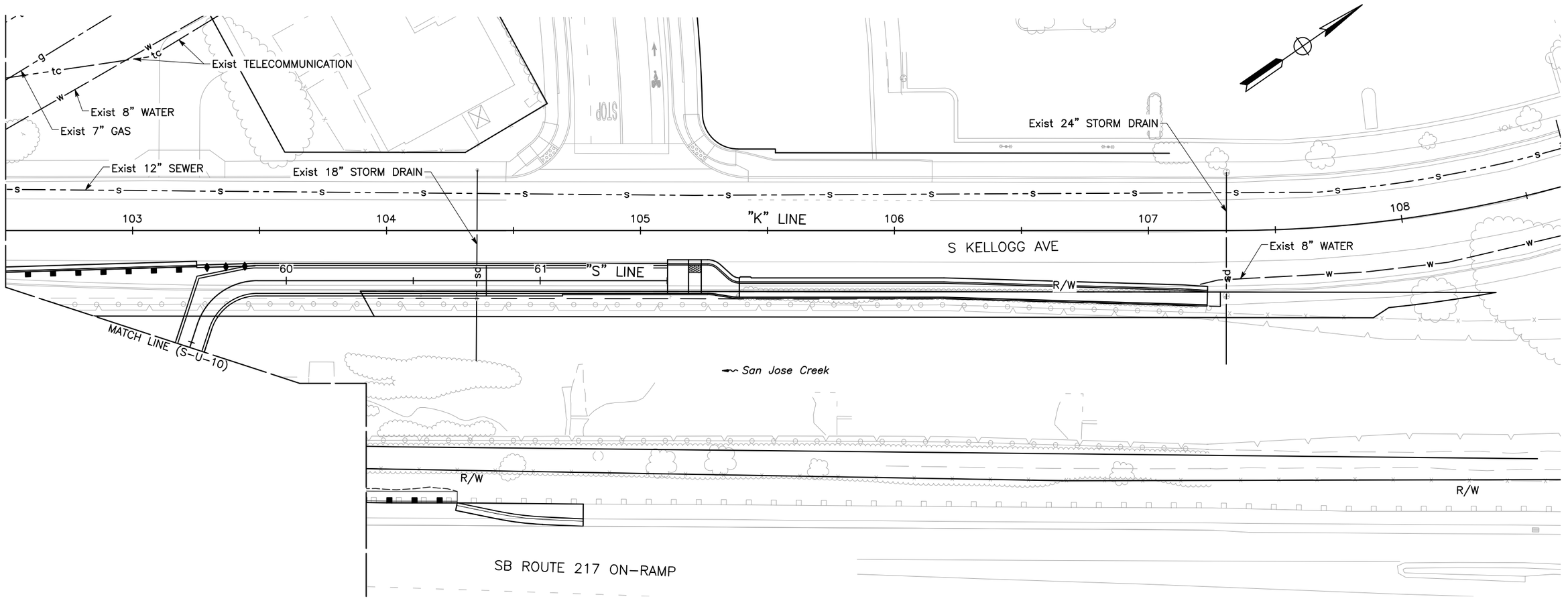
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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 147 OF 234

UTILITY PLAN

SCALE: 1" = 20'

S-U-11

REVISED BY	DATE REVISED
BRYAN STONE	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 01-15-24 | DATE PLOTTED => Jan 29, 2024 | TIME PLOTTED => 6:22 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:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

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 BRIDGE.
4. CONSTRUCT SOUTH KELLOGG AVENUE IMPROVEMENTS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	72	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

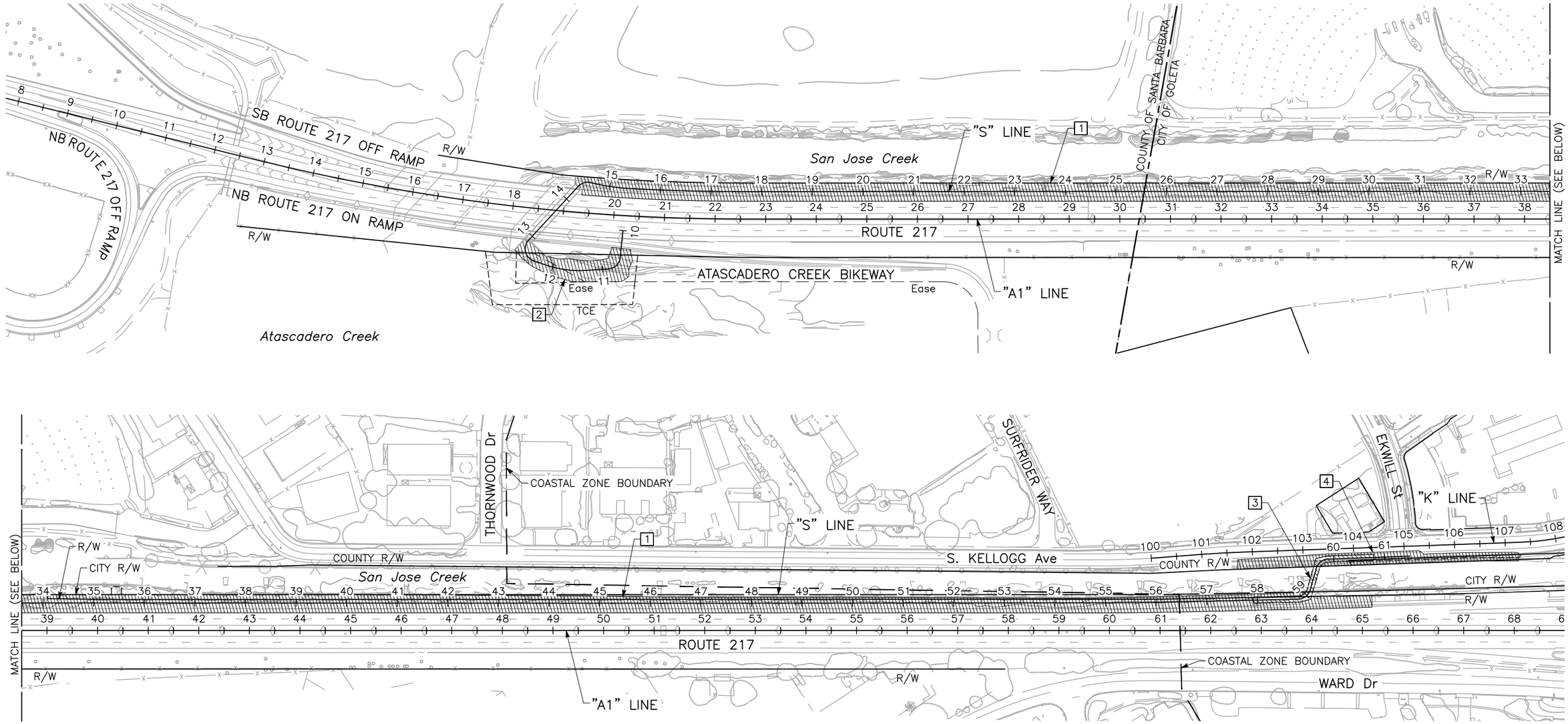
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

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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 STAGE CONSTRUCTION WORK ONLY

STAGE CONSTRUCTION (STAGE 1)

SCALE: 1"=100'

SHEET 148 OF 234

1S2-SC-1

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:06 pm

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_SC1-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	73	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

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130 CREMONA DRIVE, SUITE B
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RANCHO CORDOVA, CA 95670

NOTES:

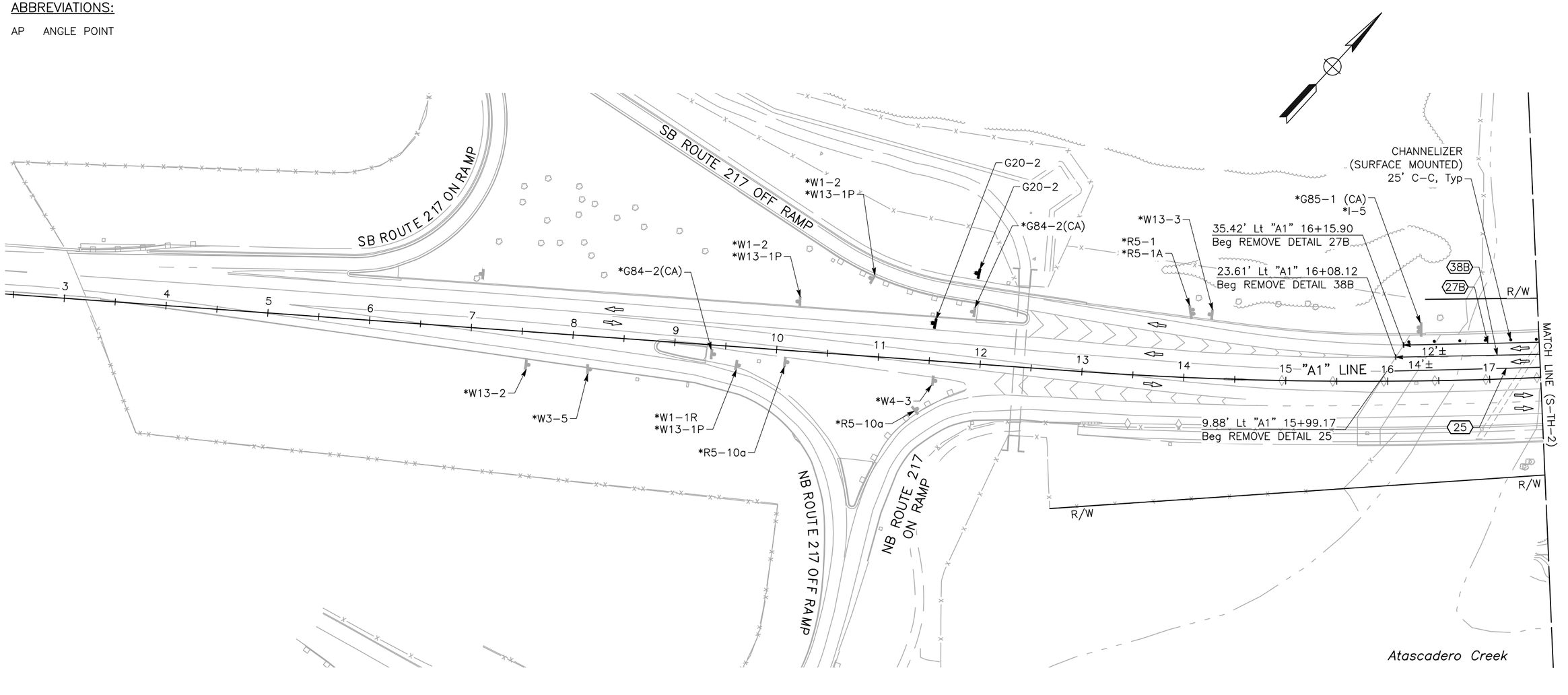
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE CA MUTCD.
3. REFER TO SPECIAL PROVISIONS FOR WORK DAY SCHEDULES AND LIMITATIONS OF WORK PERIODS.
4. REMOVE ALL CONFLICTING 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)
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- *xx–xx — EXISTING SIGN TO REMAIN
- CONSTRUCTION AREA
- BRIDGE OR CULVERT WORK

ABBREVIATIONS:

AP ANGLE POINT



APPROVED FOR TRAFFIC HANDLING WORK ONLY

TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

SHEET 149 OF 234

1S3-TH-1

REVISED BY	DATE REVISED

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

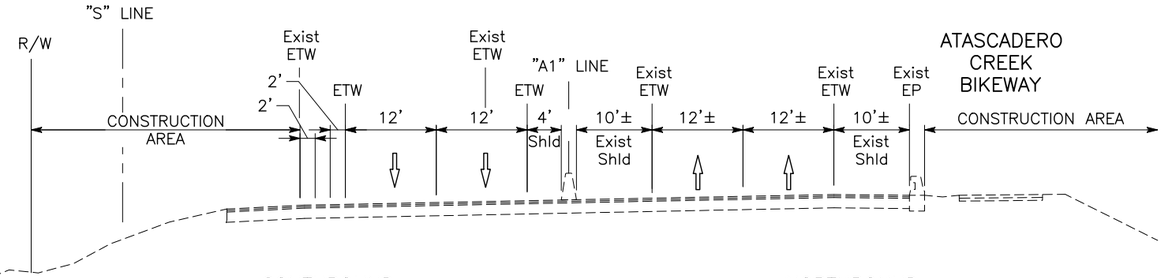
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LAST REVISION 01-15-24
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USERNAME =>clayton
DGN FILE => SR217_R_TH1-NEW.dwg
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0518000229

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.

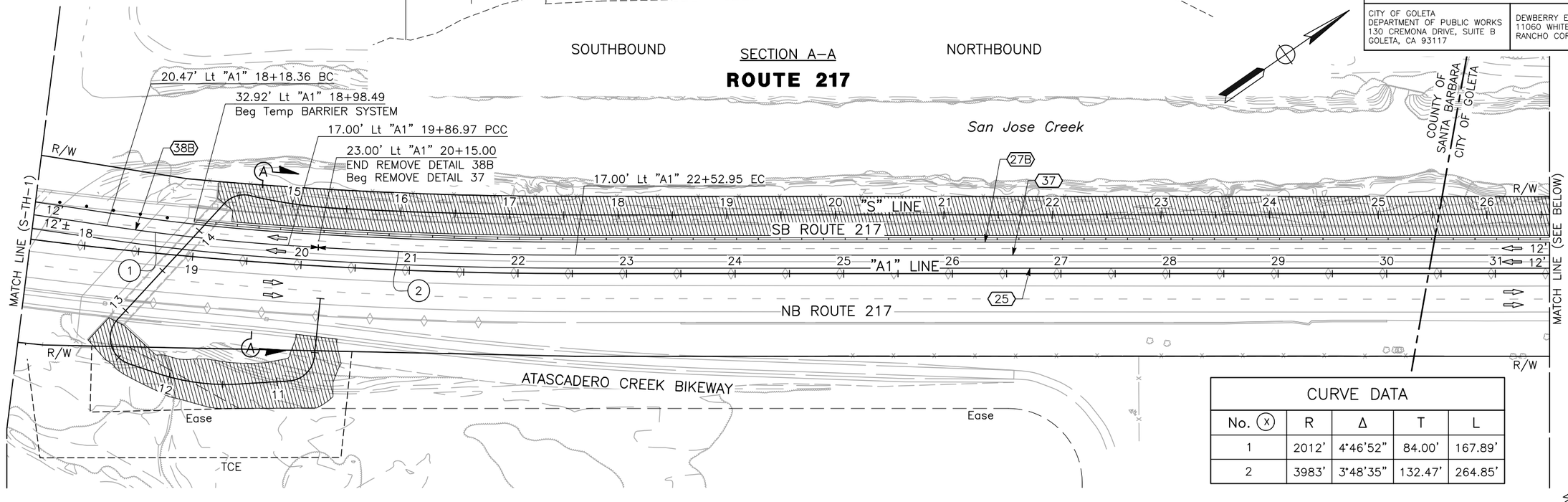


SOUTHBOUND

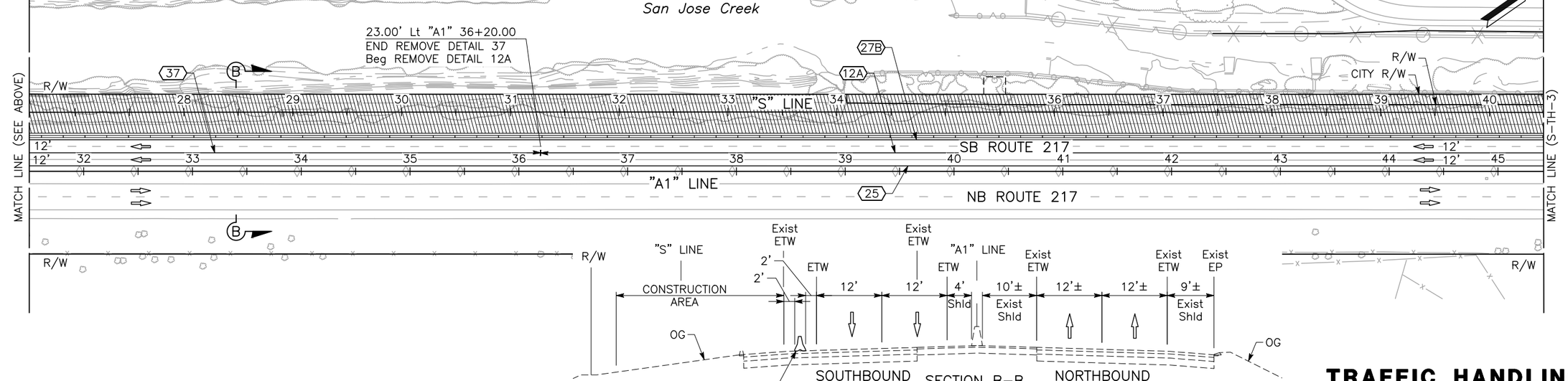
SECTION A–A

NORTHBOUND

ROUTE 217



CURVE DATA				
No. (X)	R	Δ	T	L
1	2012'	4°46'52"	84.00'	167.89'
2	3983'	3°48'35"	132.47'	264.85'



ROUTE 217

TRAFFIC HANDLING PLAN (STAGE 1)

SCALE: 1"=50'

SHEET 150 OF 234

TH-2

APPROVED FOR TRAFFIC HANDLING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	74	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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

REVISED BY	DATE REVISED
BRYAN STONE	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 => SR217_R_TH1-NEW.dwg | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0518000229

NOTE:

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	75	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

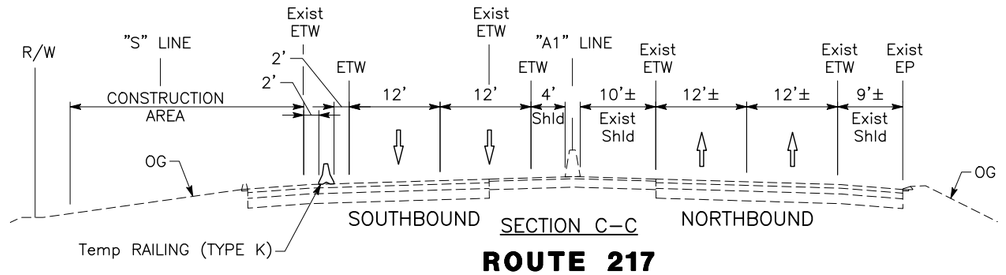
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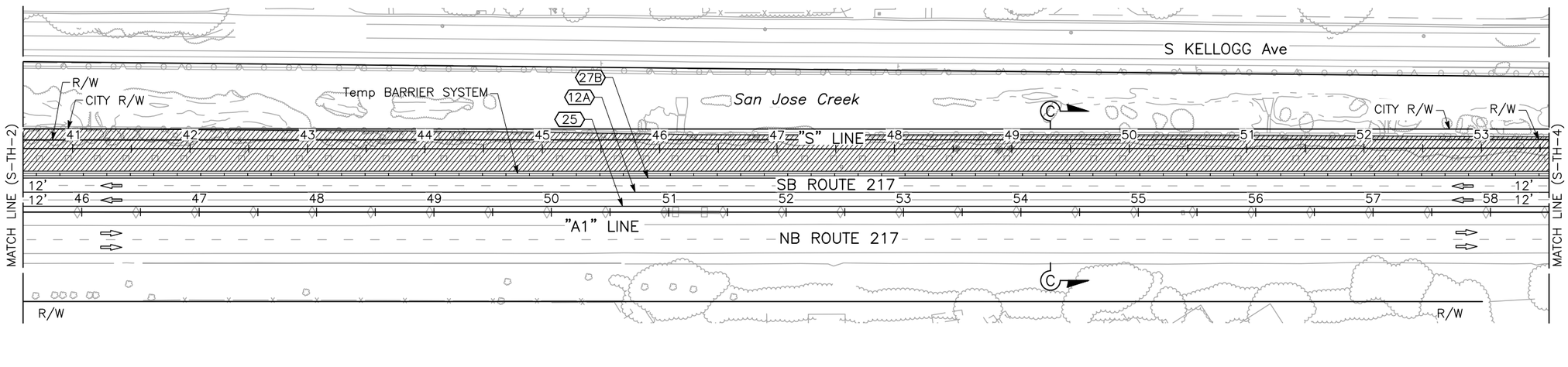
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SECTION C–C

ROUTE 217



TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

SHEET 151 OF 234

~~S5~~ TH-3

APPROVED FOR TRAFFIC HANDLING WORK ONLY

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

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5	SB	217	1.0/2.4	76	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

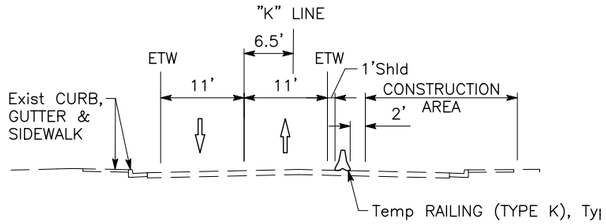
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GOLETA, CA 93117

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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670

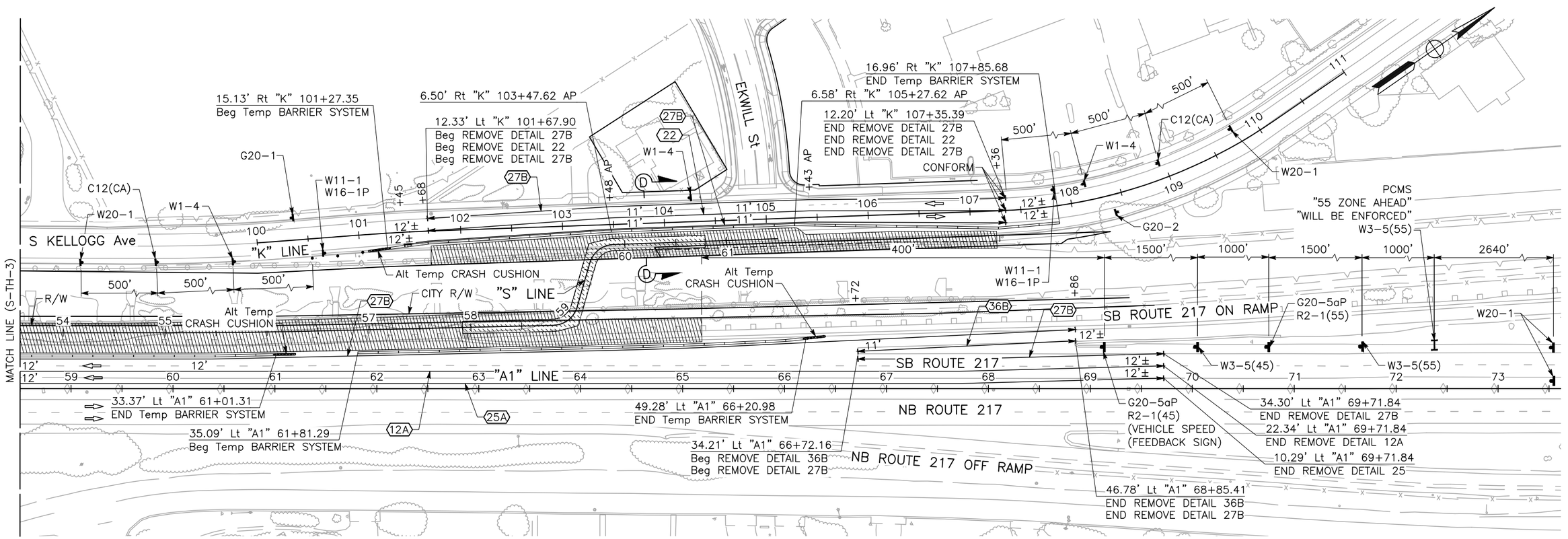
NOTES (THIS SHEET ONLY):

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
2. PLACE PERMANENT STRIPING ALONG S. KELLOGG Ave AT THE COMPLETION OF THIS STAGE. SEE PAVEMENT DELINEATION PLANS FOR STRIPING LAYOUT.



SECTION D–D

S KELLOGG Ave



TRAFFIC HANDLING PLAN

(STAGE 1)

SCALE: 1"=50'

SHEET 152 OF 234

~~S6~~ TH-4

APPROVED FOR TRAFFIC HANDLING WORK ONLY

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED–DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY | DATE REVISED

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	77	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

BRYAN STONE
No. 77427
Exp. 06-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
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
		(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	198	25

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		6	
S–TH–3	1300			
S–TH–4	792	3	3	1
TOTAL	4741	3	15	1

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CALCULATED–DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA		

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:10 pm

TRAFFIC HANDLING QUANTITIES

SHEET 153 OF 234

S157THQ-1

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	78	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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 PAVEMENT DELINEATION QUANTITIES

SHEET No.	ALIGNMENT	STATION FROM	STATION TO	DIRECTION	DETAIL No.	TEMPORARY TRAFFIC STRIPE (PAINT) LF	TEMPORARY 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				
S-TH-4	"A1"	66+72	69+72	SB	27B	300				
S-TH-1 – S-TH-4	"A1"	16+00	69+72	SB	25	5372	113			
S-TH-2 – S-TH-4	"A1"	36+20	69+72	SB	12A	3352	71			
S-TH-1 – S-TH-2	"A1"	16+08	20+15	SB	38B	405	35			
S-TH-2	"A1"	20+15	36+20	SB	37	1604	109			
S-TH-4	"A1"	66+72	68+85	SB	36B	214	10			
S-TH-4	"K"	101+68	107+36	NB/SB	22	568	50			
S-TH-4	"K"	101+68	107+36	NB	27B	592				
S-TH-4	"K"	101+68	107+36	SB	27B	568				
					TOTAL	18240	388			

TRAFFIC HANDLING QUANTITIES

SHEET 154 OF 234

S154THQ-2

REVISED BY	DATE REVISED

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

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	79	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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

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 68+66	LEFT	27B		5265			
	"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
SUBTOTAL					8917	2009	214	
TOTAL				5372	11140			338

TRAFFIC HANDLING QUANTITIES

SHEET 155 OF 234

S155THQ-3

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

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	80	158

NOTES:

1. FOR COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES
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] 12" WHITE THERMOPLASTIC PAVEMENT MARKING

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

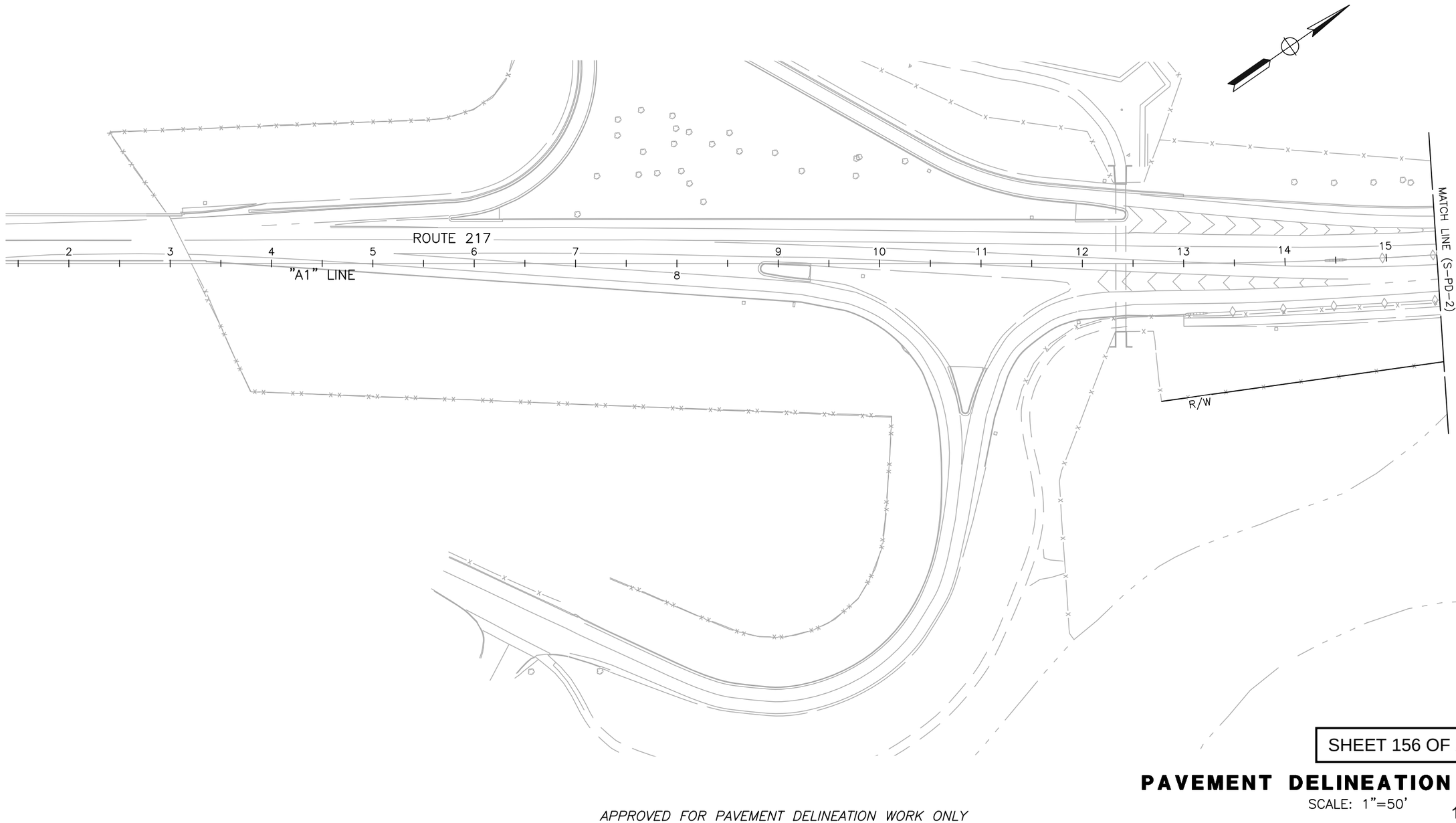
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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



SHEET 156 OF 234

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-1

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

	REVISED BY	DATE REVISED
	BRYAN STONE	JOSE SILVA
	CALCULATED-DESIGNED BY	CHECKED BY
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	JOSE SILVA

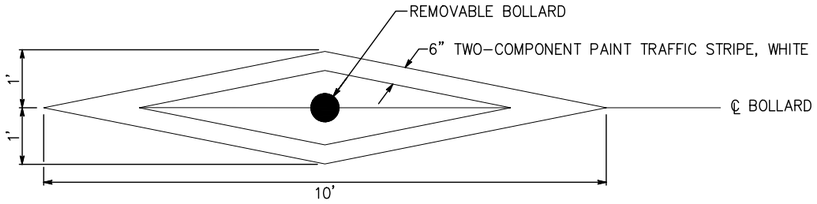
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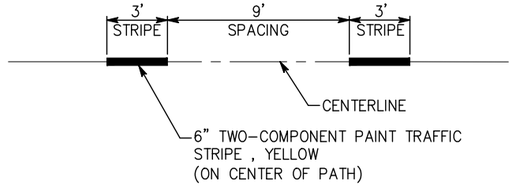
BORDER LAST REVISED 7/2/2010
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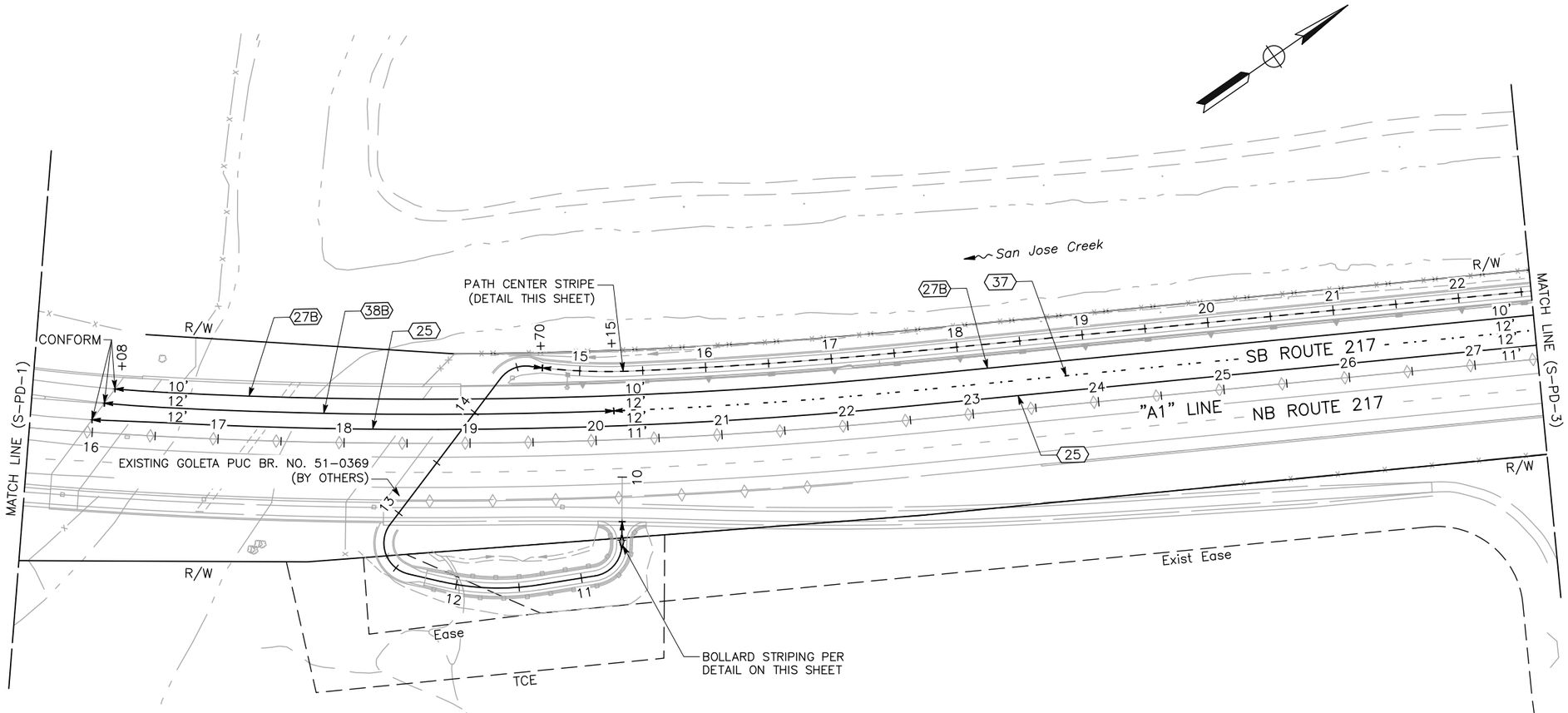
FOR COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES



BOLLARD STRIPING DETAIL
NO SCALE



PATH CENTER STRIPE DETAIL
NO SCALE



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION PLAN
SCALE: 1"=50'

SHEET 157 OF 234

31-PD-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	81	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — 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

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: 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	82	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

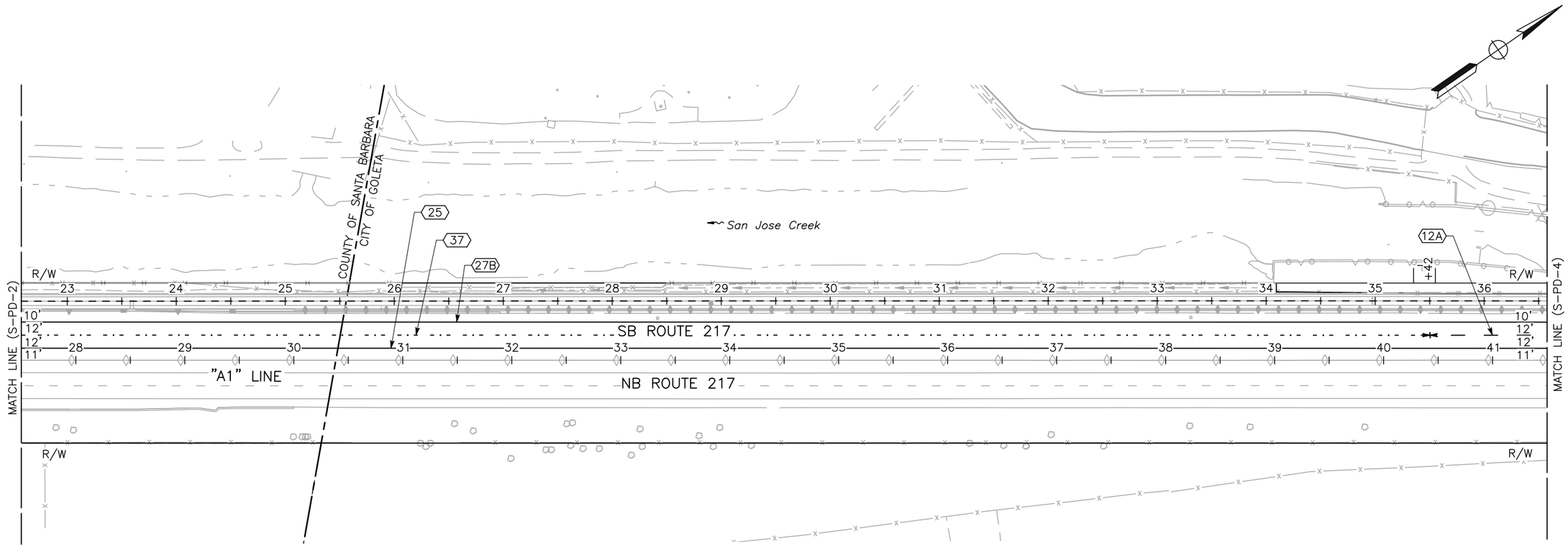
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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 158 OF 234

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-3

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
DRAWN BY: CLAYTON TAYLOR
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:13 pm

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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 COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	83	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

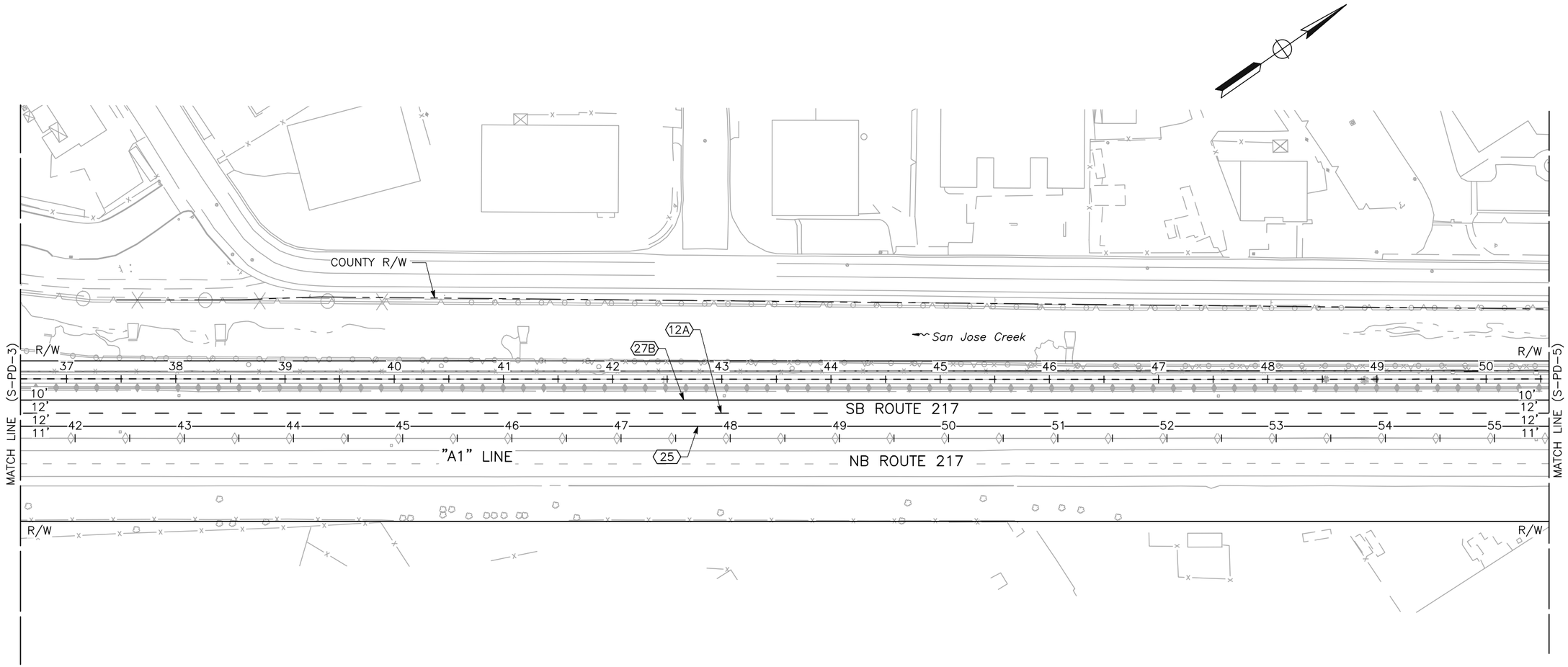
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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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



SHEET 159 OF 234

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-4

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

REVISED BY	DATE REVISED

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

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LAST REVISION 01-15-24
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USERNAME =>clayton
DGN FILE => SE-R-PD.dwg
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UNIT 0000
PROJECT NUMBER & PHASE 0518000229

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5	SB	217	1.0/2.4	84	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

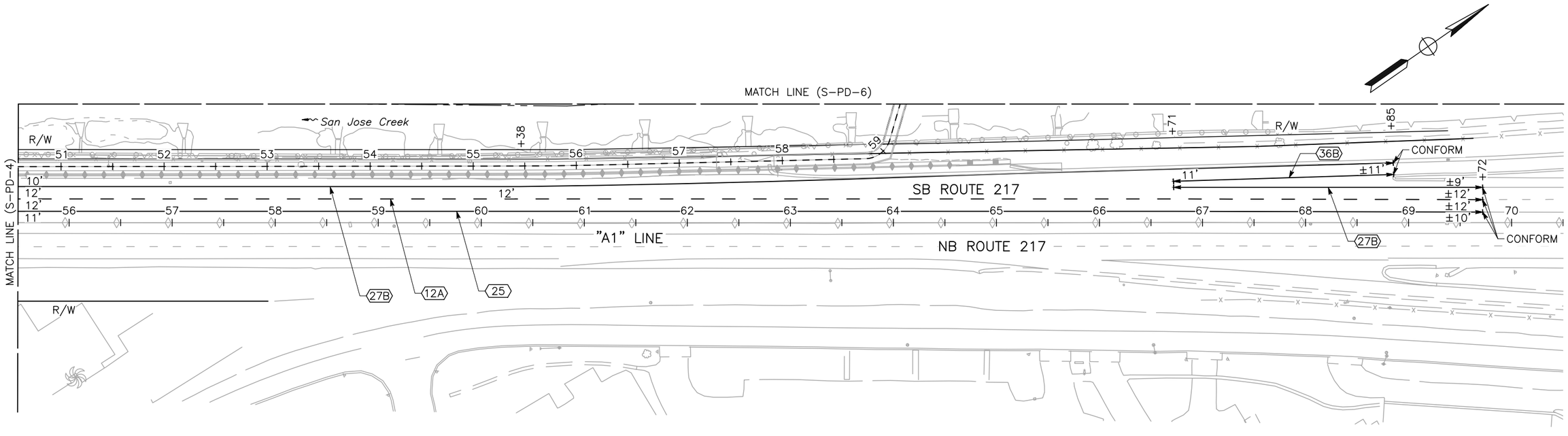
BRYAN STONE
No. 77427
Exp. 06-30-25
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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



SHEET 160 OF 234

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

~~S4~~ PD-5

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
	JOSE SILVA	BRYAN STONE	JOSE SILVA		

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:13 pm

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NOTE:

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5	SB	217	1.0/2.4	85	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

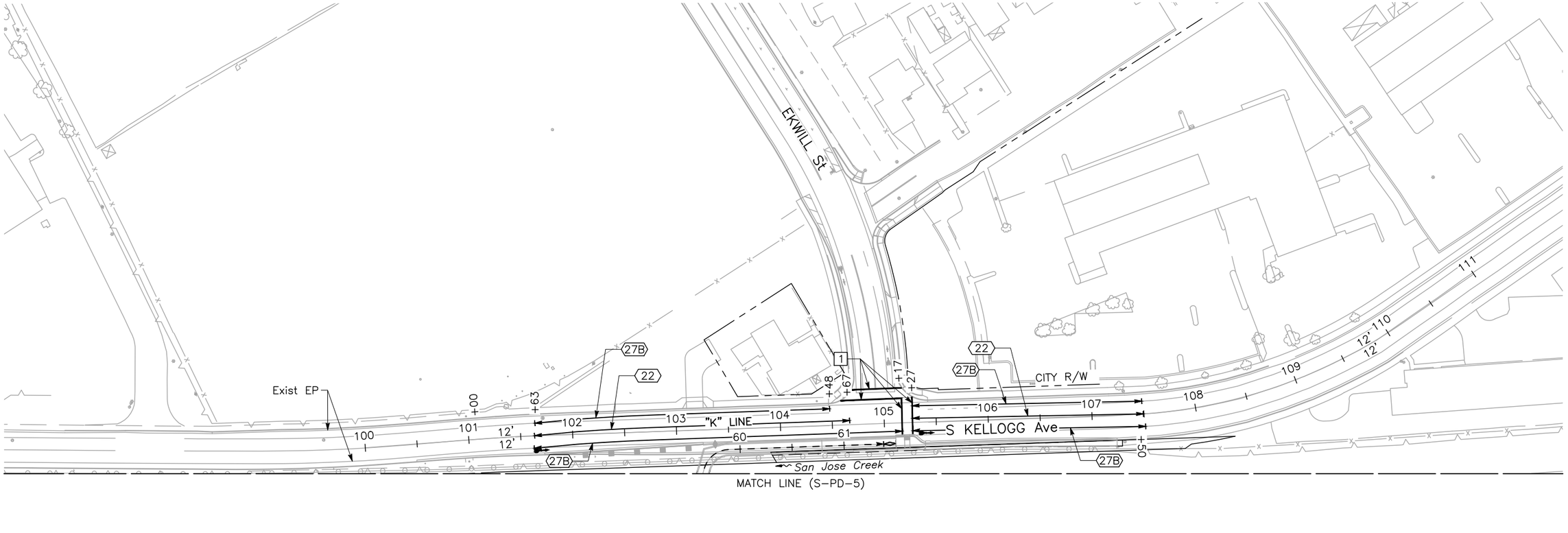
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CITY OF GOLETA
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

SHEET 161 OF 234

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

S-PD-6

REVISED BY	BRYAN STONE	CALCULATED-DESIGNED BY
DATE REVISED	JOSE SILVA	CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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BRYAN STONE
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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	REMOVE THERMOPLASTIC 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	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-6	"S"	14+70	61+38	SB/NB												4668				
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	-	-												5444			
S-PD-1 - S-PD-3	"A1"	16+08	30+85	-	-												2250			
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	-	-												5084			
S-PD-1 - S-PD-3	"A1"	13+68	30+85	-	-												1725			
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	-	-												1617			
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	-	-												4647			
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	20767		-	-

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

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LAST REVISION 01-15-24
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	87	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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	REMOVE THERMOPLASTIC 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	LF		SQFT	SQFT
S-PD-6	"K"	101+63	–	–	–													BIKE LANE SYMBOL WITH PERSON	14	
S-PD-6	"K"	101+63	107+50	–	–												588			
S-PD-6	"K"	101+63	104+47	–	–												284			
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	–	–												283			
S-PD-6	"K"	104+60	105+28	–	–															68
S-PD-6	"K"	104+60	105+17	–	–													CROSSWALK	94	
S-PD-6	"K"	104+70	105+17	–	–															48
S-PD-6	"K"	104+69	105+18	–	–													CROSSWALK	49	
S-PD-6	"K"	105+26	105+27	–	–													CROSSWALK	37	
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	–	–												73			
S-PD-6	"K"	105+34	–	–	–													BIKE LANE SYMBOL WITH PERSON	14	
S-PD-6	"K"	105+42	107+49	–	–												207			
S-PD-6	"K"	106+15	107+49	–	–												133			
SUBTOTAL						92			2133	–	–	–	–	–	–	–	1568		222	116
TOTAL						453			12520	214	275	2026	2930	275	405	5142	22335		222	116

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

REVISED BY | DATE REVISED

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LAST REVISION 01-15-24
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5	SB	217	1.0/2.4	88	158

NOTES:

1. FOR COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

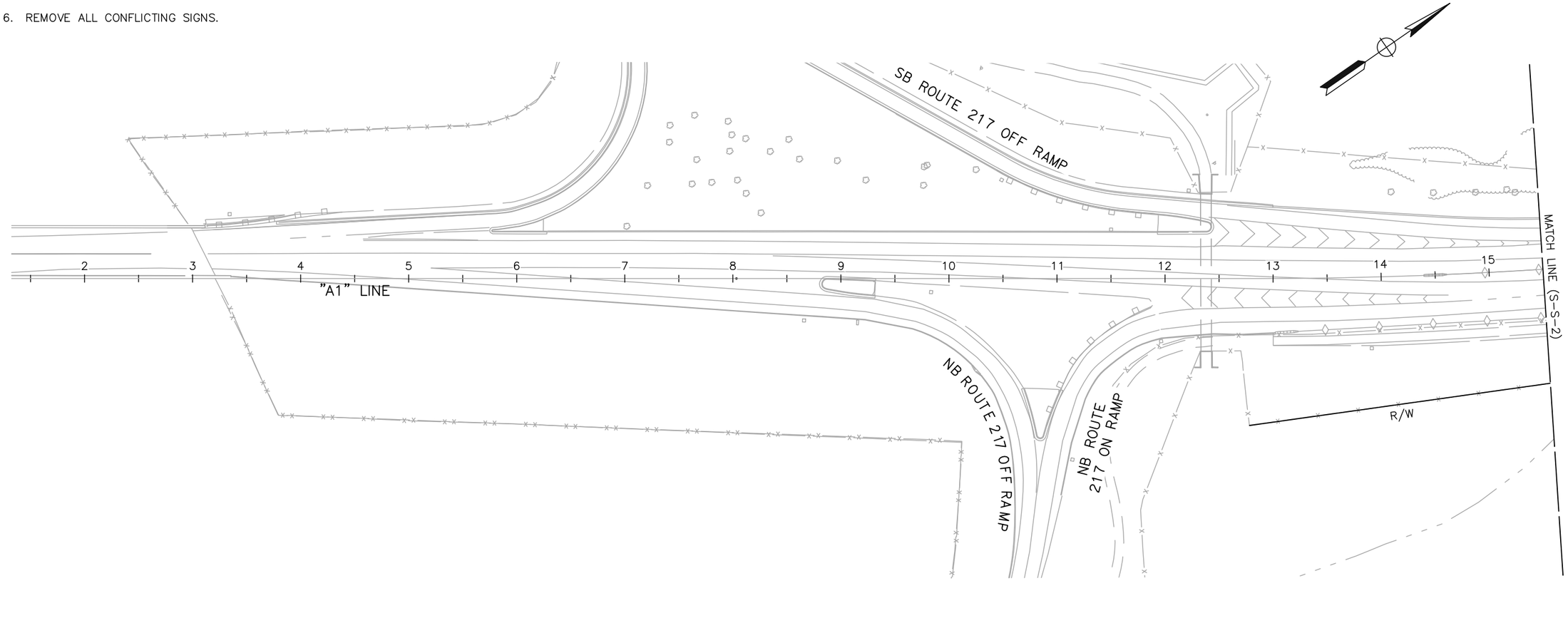
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



APPROVED FOR SIGN WORK ONLY

SHEET 164 OF 234

SIGN PLAN
SCALE: 1"=50'
168 **S-S-1**

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

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

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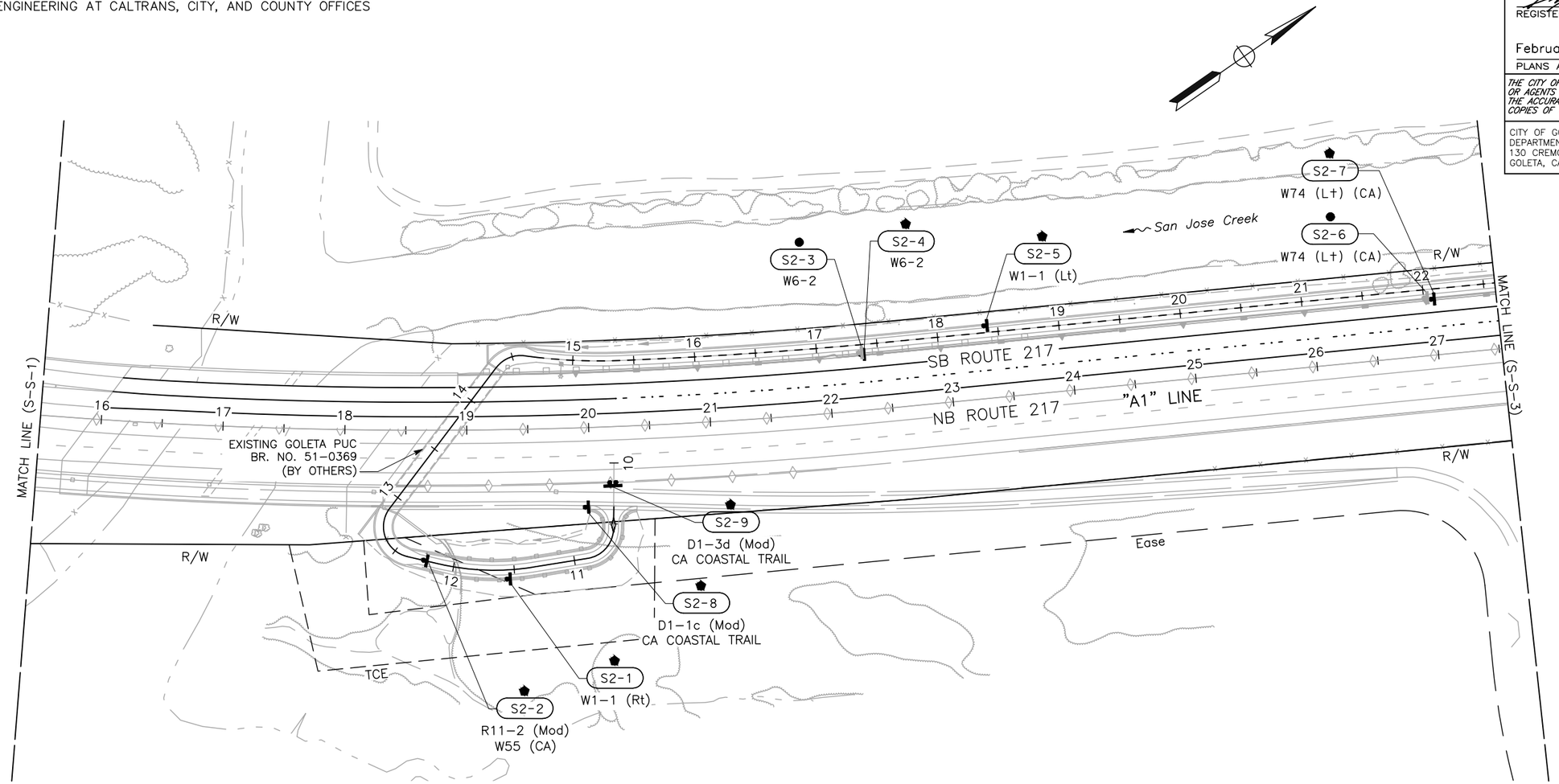
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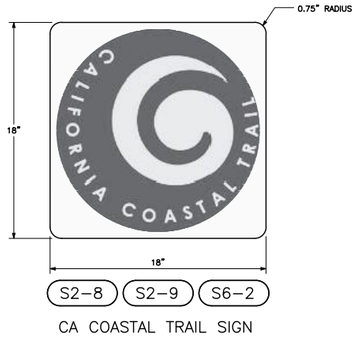
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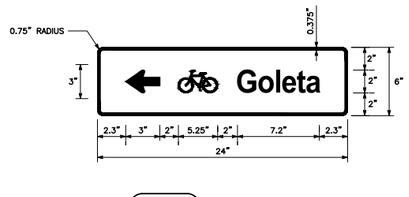
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GOLETA, CA 93117

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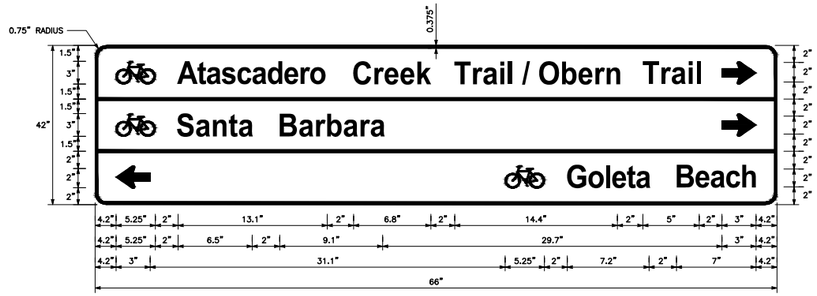




CA COASTAL TRAIL SIGN



S2-8 D1-1c (Mod)



S2-9 D1-3d (Mod)

APPROVED FOR SIGN WORK ONLY

SHEET 165 OF 234

SIGN PLAN
SCALE: 1"=50'

S-S-2

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
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5	SB	217	1.0/2.4	90	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

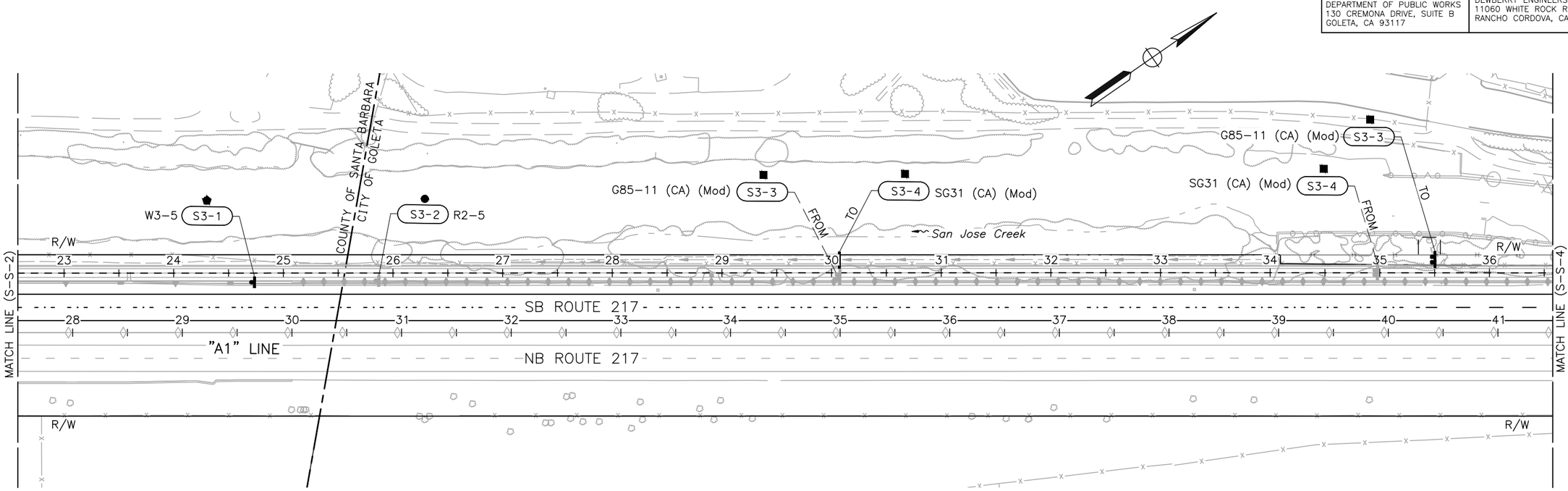
February 05, 2024
PLANS APPROVAL DATE

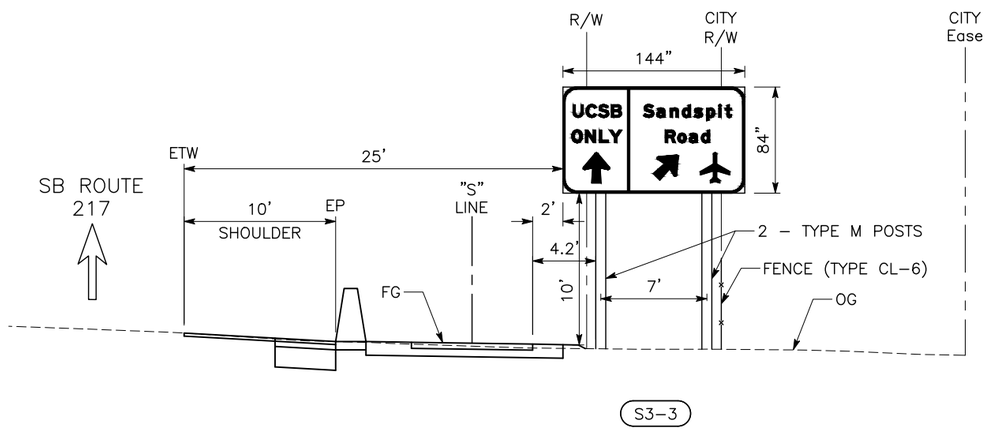
REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

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.

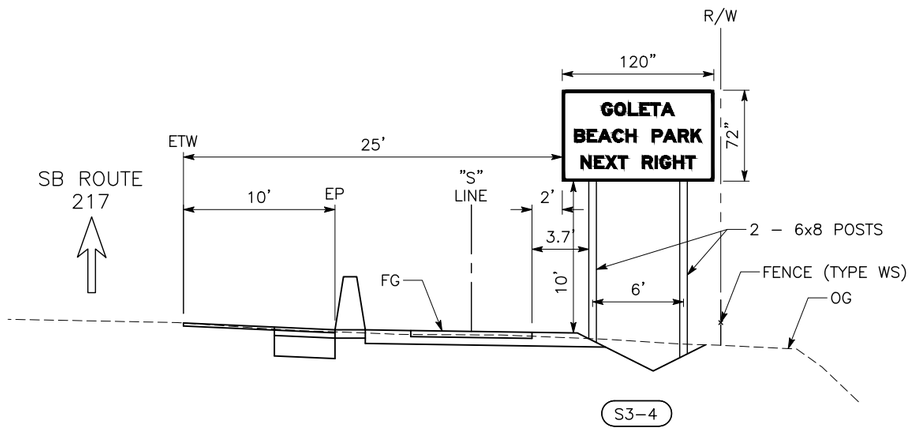
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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





S3-3



S3-4

APPROVED FOR SIGN WORK ONLY

SHEET 166 OF 234

SIGN PLAN
SCALE: 1"=50'

S-S-3

U:\19007 – SJ Creek Bike Path So Extent 2019-023 – Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-S.dwg, 1/29/2024 7:19 PM

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:19 pm
LAST REVISION 01-15-24

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 COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	91	158

REGISTERED CIVIL ENGINEER — DATE 1-15-24

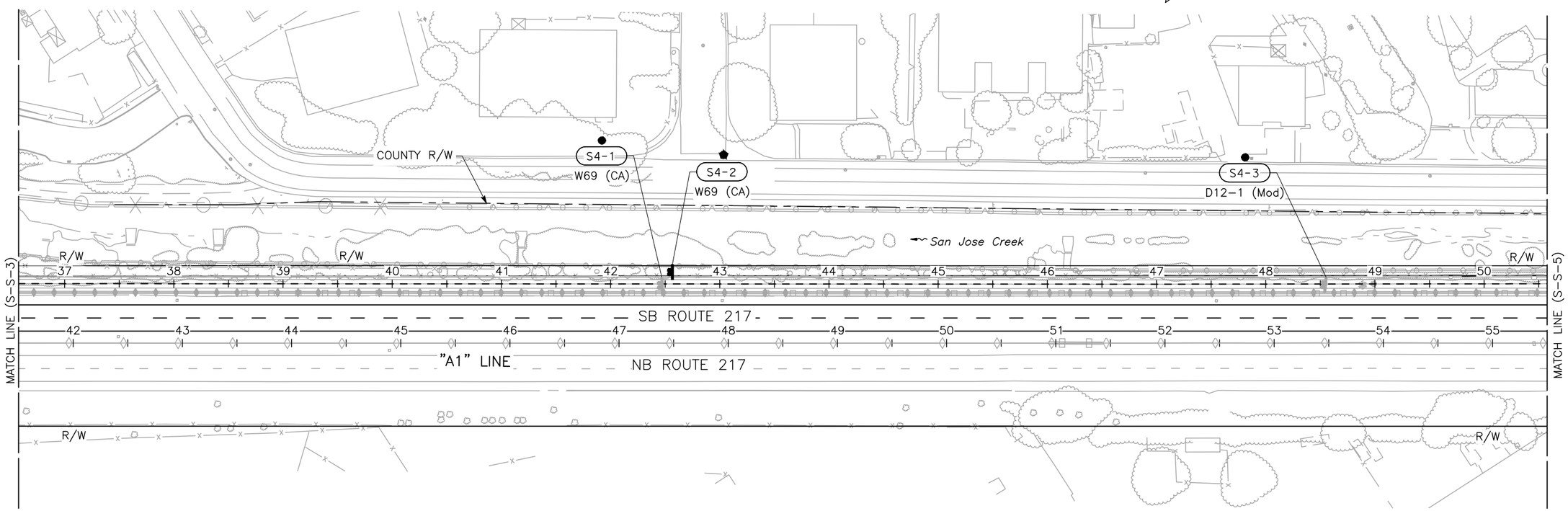
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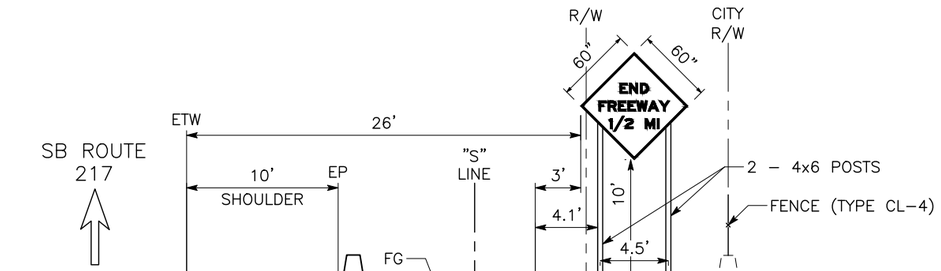
February 05, 2024
PLANS APPROVAL DATE

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RANCHO CORDOVA, CA 95670





APPROVED FOR SIGN WORK ONLY

SHEET 167 OF 234

SIGN PLAN
SCALE: 1"=50'

S-S-4

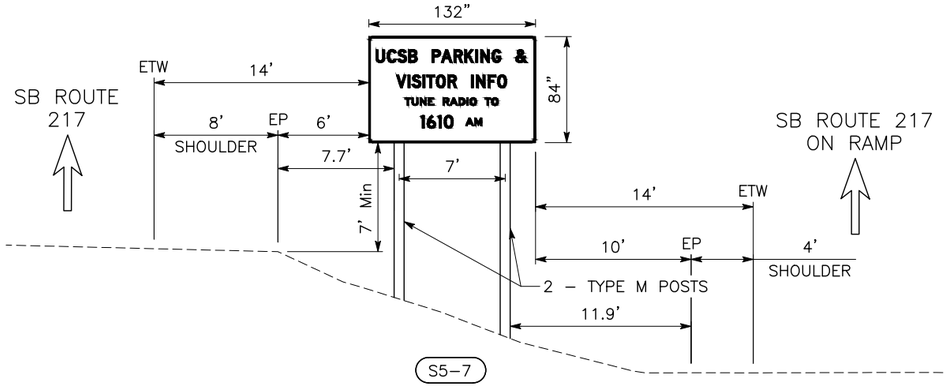
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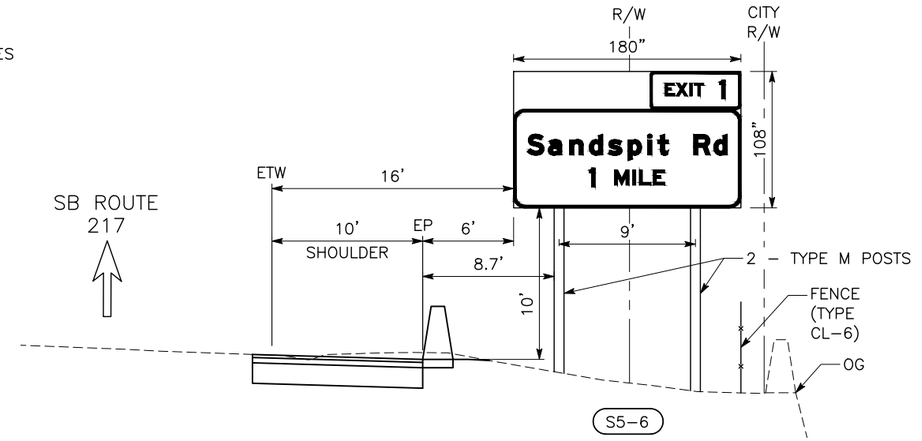
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CALCULATED–DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 01-15-24
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TIME PLOTTED => 7:19 pm

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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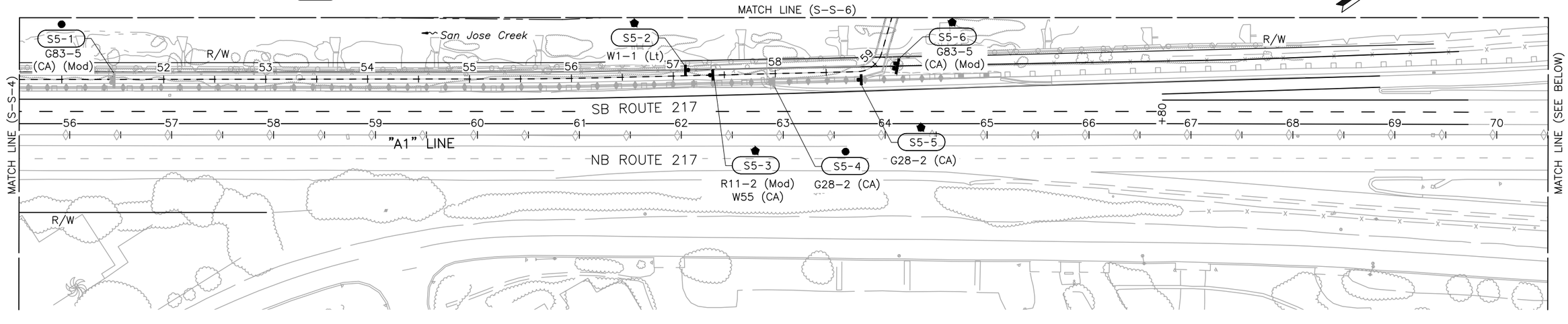
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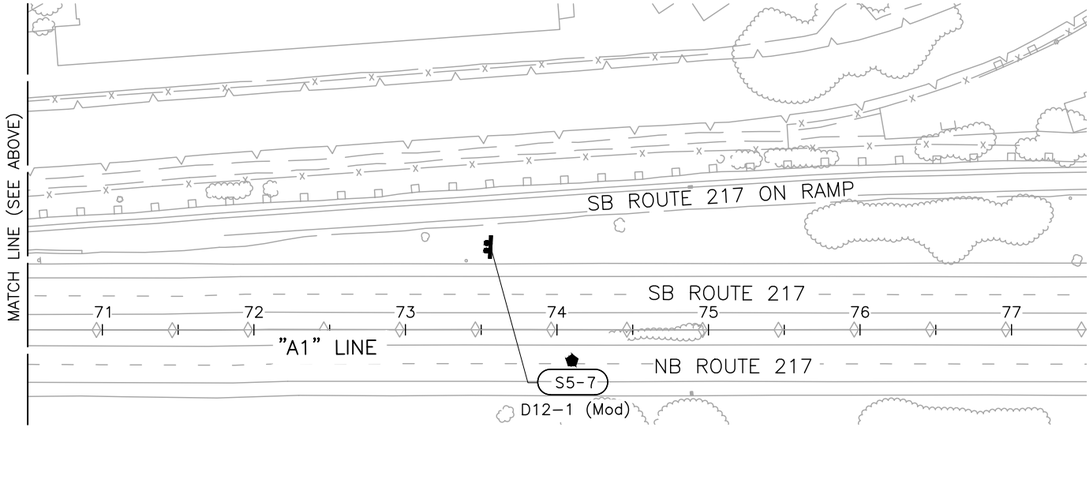
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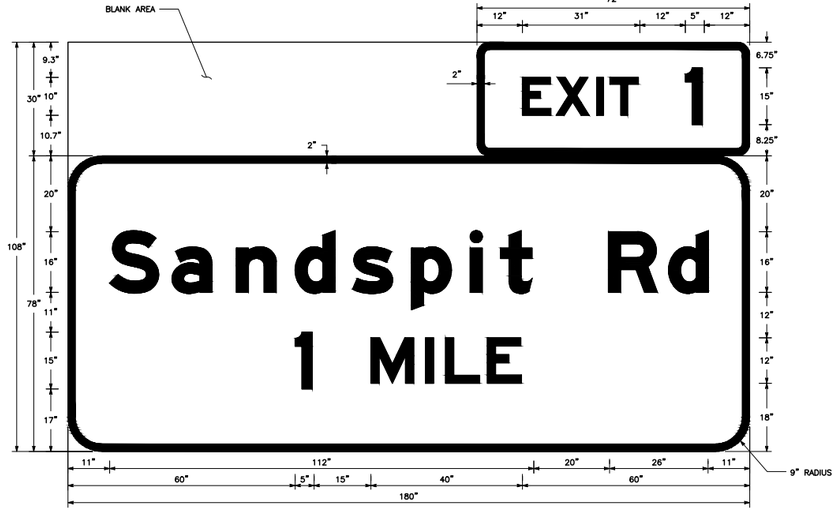
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130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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







S5-6 G83-5 (CA) (Mod)

APPROVED FOR SIGN WORK ONLY

SHEET 168 OF 234

SIGN PLAN
SCALE: 1"=50'

172 **S-S-5**

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED
LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:21 pm

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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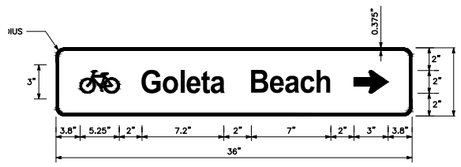
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

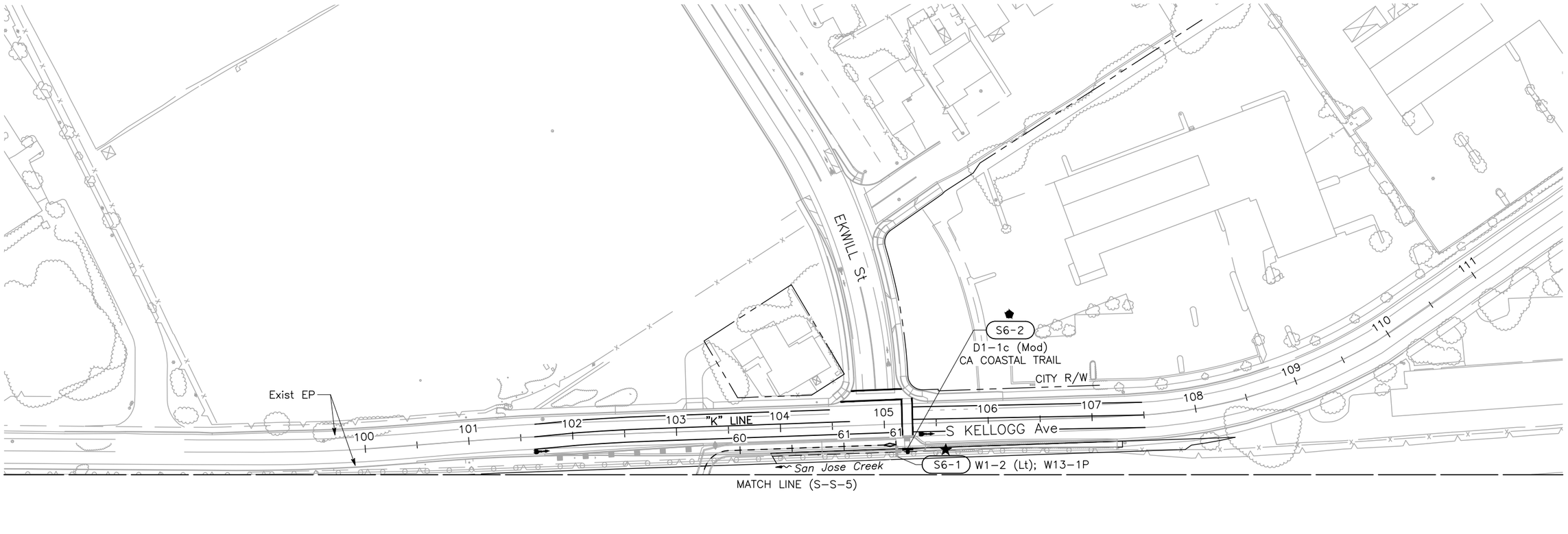
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



S6-2 D1-1c (Mod)



APPROVED FOR SIGN WORK ONLY

SHEET 169 OF 234

SIGN PLAN
SCALE: 1"=50'

173 **S-S-6**

U:\19007 - SJ Creek Bike Path So Extent 2019-023 - Ci Goleta\400 Project Design Files\420 Roadway & Civil\Plans\SE-R-S.dwg, 1/29/2024 7:21 PM

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
JOSE SILVA	BRYAN STONE	JOSE SILVA		

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:21 pm

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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REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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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

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	

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

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 8:11 pm
LAST REVISION 01-15-24

SIGN QUANTITIES

SHEET 170 OF 234 — **S-SQ-1** — 174

BORDER LAST REVISED 7/2/2010 | USERNAME =>clayton | DGN FILE => SR217_R_SQ.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	95	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

February 05, 2024
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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	1,793	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		1,602	BEFORE CULVERT
S-PP-1 - S-PP-10	"S"	14+34	57+84	3,371		312	AFTER CULVERT/BEFORE BRIDGE
S-PP-11	"S"/"K"	61+32	107+23	85		3	AFTER BRIDGE
S-CD-10 - S-CD-12	"A1"	31+89	62+85		1,374		
(N) - NOT A SEPARATE BID ITEM	TOTAL			4,054	1,374	1,917	

MISCELLANEOUS QUANTITIES

SHEET NO.	REMOVABLE BOLLARD	GATE	DESCRIPTION/ COMMENTS
	EA	EA	
S-PP-1	1	1	
S-PP-10		1	
TOTAL	1	2	

SUMMARY OF QUANTITIES

SHEET 171 OF 234 — S-Q-1

175

CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA
CALCULATED-DESIGNED BY: BRYAN STONE
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REVISED BY
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TIME PLOTTED => 1:30 pm

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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)	CLASS 2 AGGREGATE BASE	MINOR CONCRETE (CURB AND GUTTER)	MINOR CONCRETE (CURB RAMP)	MINOR CONCRETE (SIDEWALK)	MINOR CONCRETE (CURB)	DESCRIPTION/COMMENTS
	BEGIN	END		TON	TON	CY	CY	CY	CY	LF	
"S"	10+35	12+86	NB/SB	73		45					BIKE PATH
"S"	10+35	12+86	NB/SB			24					BIKE PATH SHOULDER
"S"	10+35	12+86	NB/SB			25					BIKE PATH SHOULDER
"S"	14+35	57+37	NB/SB			284					BIKE PATH SHOULDER
"S"	14+33	57+67	NB/SB			438					BIKE PATH SHOULDER
"S"	14+33	57+92	NB/SB	1055		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	1224					SR217 SHOULDER WIDENING
"A1"	30+00	64+64	SB	256							UNDER BARRIER (SR217)
"A1"	65+13	60+27	SB							50	CURB (TYPE E)
"K"	101+70	107+25	NB	52		77					SAWCUT
"K"	101+72	107+23	NB			14	22			213	CURB AND GUTTER/RETAINING CURB
"K"	105+11	105+39	NB			5		3.5			CURB RAMP
"K"	105+39	107+23	NB			19			12.4		SIDEWALK
"K"	103+25	105+10	NB	15							UNDER BARRIER (KELLOGG)
TOTAL				2,094	712	2,806	22	3.5	12.4	359	

SUMMARY OF QUANTITIES

SHEET 172 OF 234 — S-Q-2 — 176

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA	
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5	SB	217	1.0/2.4	97	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE — No. 77427 — Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
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

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT CALTRANS, CITY, AND COUNTY OFFICES.
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.

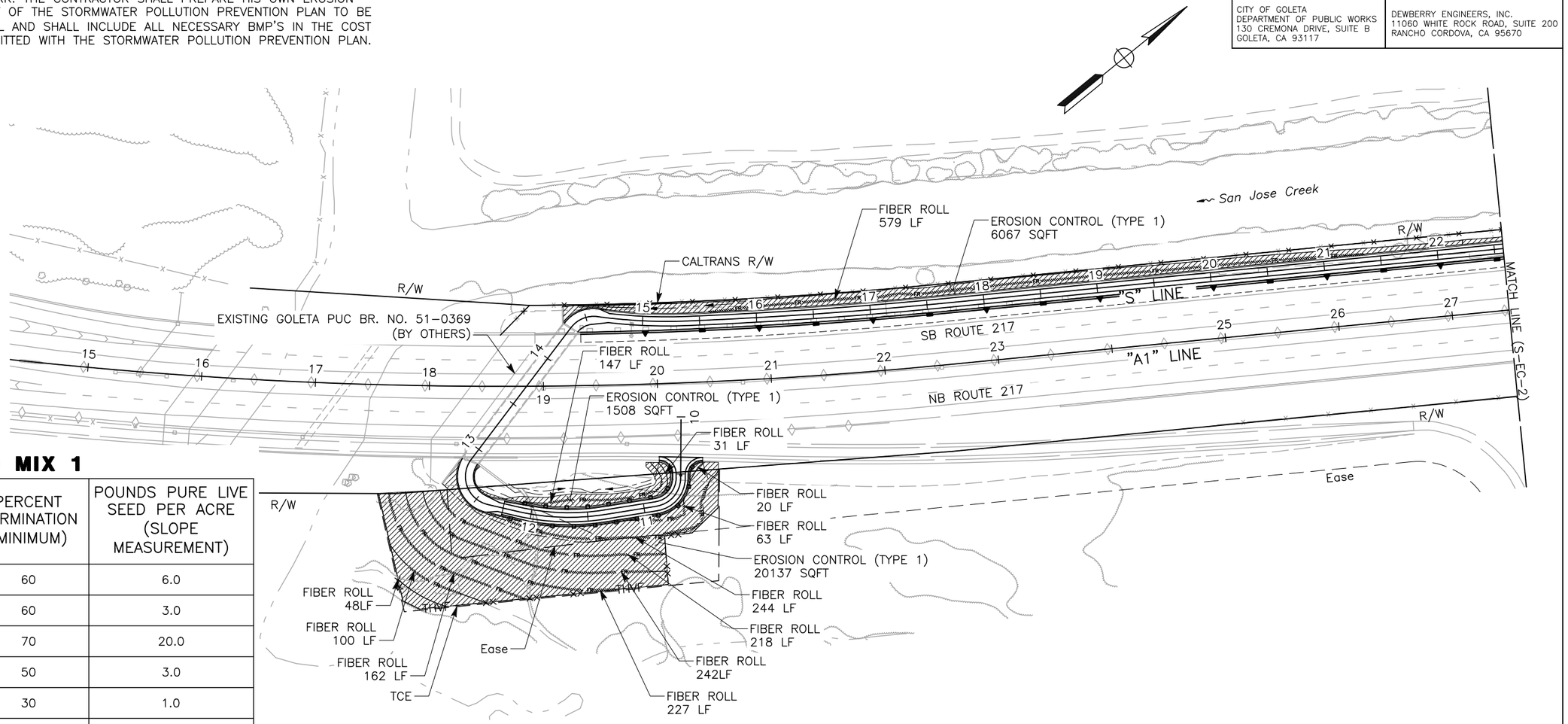
LEGEND:

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

APPROVED FOR EROSION CONTROL WORK ONLY

EROSION CONTROL

SCALE: 1"=50'

SHEET 173 OF 234

157-EC-1

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

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5	SB	217	1.0/2.4	98	158

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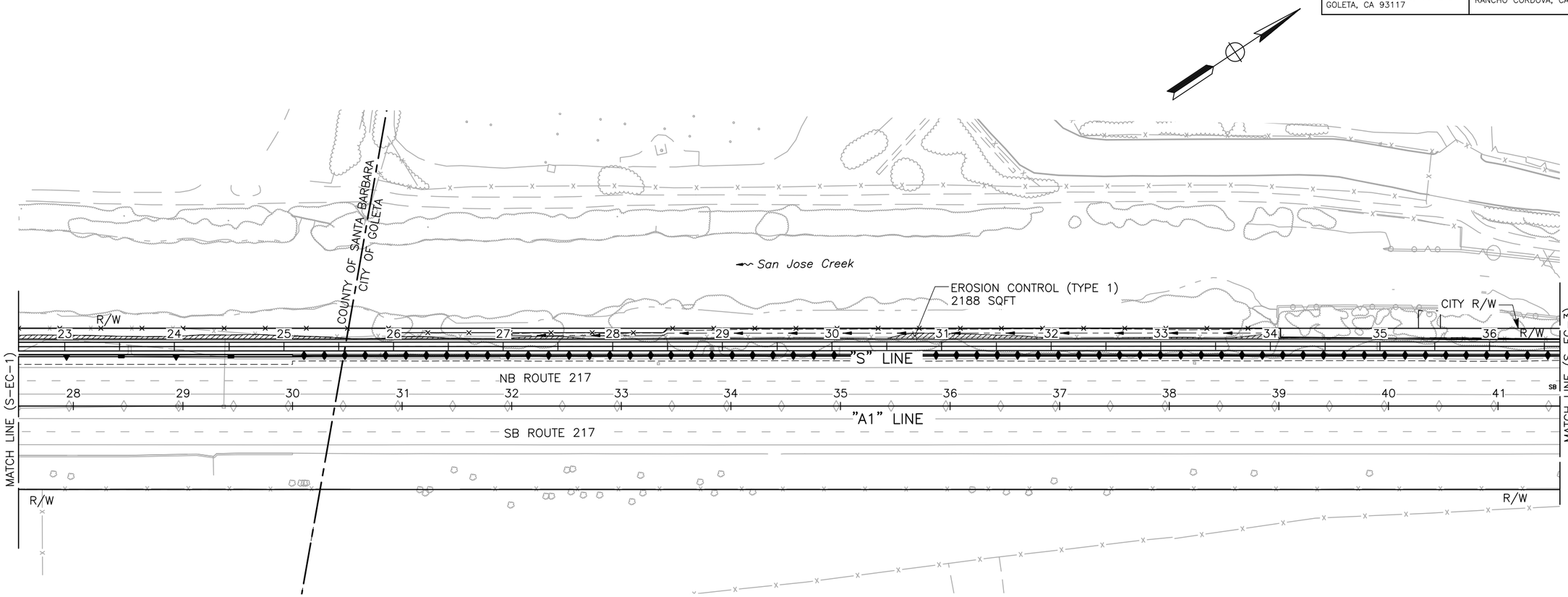
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BRYAN STONE
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Exp. 06-30-25
STATE OF CALIFORNIA

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EROSION CONTROL

SCALE: 1"=50'

SHEET 174 OF 234

~~158~~ **S-EC-2**

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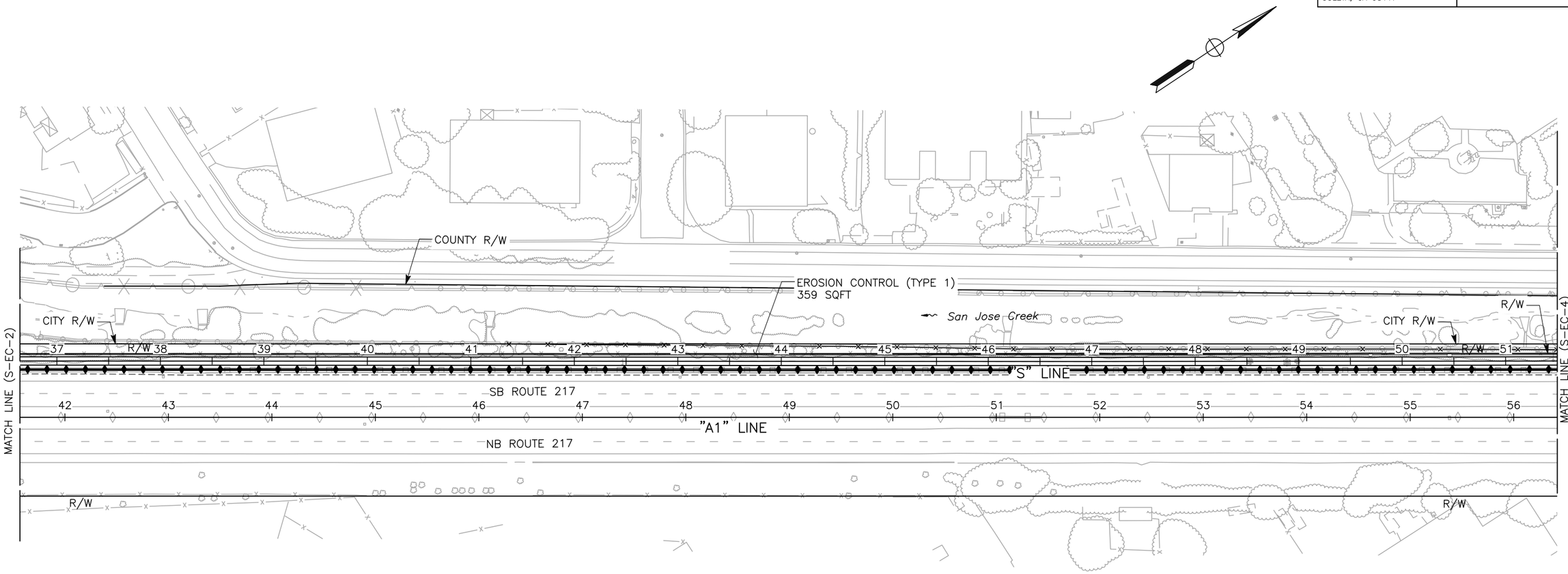
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EROSION CONTROL

SCALE: 1"=50'

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SHEET 175 OF 234

~~S9~~ **EC-3**

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5	SB	217	1.0/2.4	100	158

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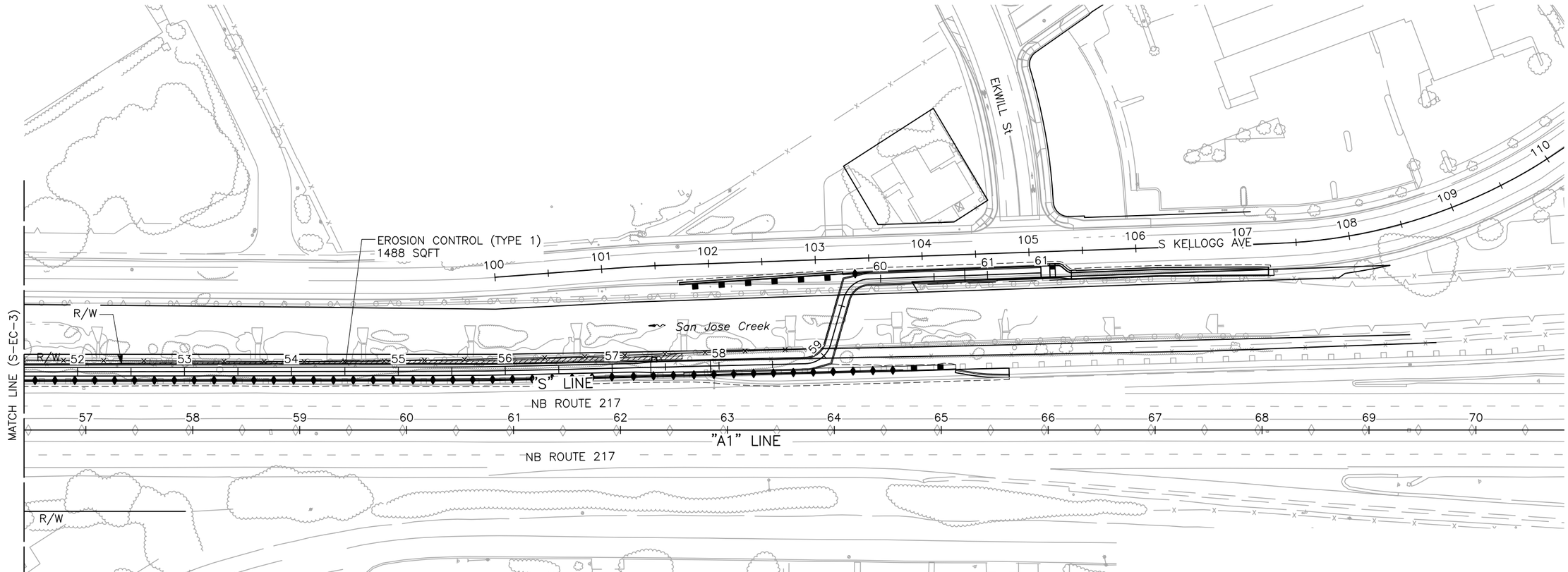
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EROSION CONTROL

SCALE: 1"=50'

SHEET 176 OF 234

~~SD~~ EC-4

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CALCULATED-DESIGNED BY: BRYAN STONE
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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.

LEGEND:

RIPARIAN CREATION/ENHANCEMENT (0.38 ACRES)

SAN JOSE CREEK ALONG THE SOUTHERN SEGMENT OF PATHWAY MITIGATION PLANTING NOTES PER BIO MITIGATION PLAN

1. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED BY THE CITY–APPROVED RESTORATION BIOLOGIST.

2. 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 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.

3. 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.

4. 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.

5. IRRIGATION

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 CITY HYDRANT LOCATED NEAR 443 S KELLOGG AVENUE, WHICH IS LOCATED NEAR THE NORTHERN TERMINUS OF THIS PATH SEGMENT AND NEAR THE PEDESTRIAN BRIDGE. AS THE HOOKUP WILL BE A HYDRANT, A CREW MEMBER MUST PHYSCIALLY BE PRESENT EACH TIME THE IRRIGATION IS USED SO THAT THE WATER CAN BE TURNED ON AND OFF AT THE HYDRANT. THE ASSOCIATED METER WILL BE PROVIDED BY THE CITY. THE PRIMARY LINE WILL NEED TO BE INSTALLED ALONG THE PROPOSED PEDESTRIAN BRIDGE.

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.

MITIGATION PLANTING PLAN

SHEET 177 OF 234

1S1-MP-1

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
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JOSE SILVA	
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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.

LEGEND:

SALT MARSH WETLAND ENHANCEMENT (0.08 ACRES)

FUTURE RIPARIAN MITIGATION

DEVEREUX CREEK AT ELLWOOD MESA
MITIGATION PLANTING NOTES PER BIO MITIGATION PLAN

1. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED BY THE CITY–APPROVED RESTORATION BIOLOGIST.

2. 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 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.

3. 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.

4. 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.

5. IRRIGATION
   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 CITY HYDRANT LOCATED NEAR 447 ELLWOOD BEACH DRIVE, WHICH IS LOCATED AT THE TERMINUS OF THAT ROAD AND TO THE NORTH OF THE MITIGATION SITE. AS THE HOOKUP WILL BE A HYDRANT, A CREW MEMBER MUST PHYSICALLY BE PRESENT EACH TIME THE IRRIGATION IS USED SO THAT THE WATER CAN BE TURNED ON AND OFF AT THE HYDRANT. THE ASSOCIATED METER WILL BE PROVIDED BY THE CITY.
   C. THE IRRIGATION SYSTEM WILL BE DESIGNED SO THAT IT IS AUTOMATED, POWERED BY EITHER BATTERIES OR SOLAR OPERATES 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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	102	158

REGISTERED CIVIL ENGINEER — 1–15–24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06–30–25 — STATE OF CALIFORNIA

February 05, 2024
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

MITIGATION PLANTING PLAN

SHEET 178 OF 234

~~S2~~ MP-2

REVISED BY	DATE REVISED
BRYAN STONE	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–MP1–MP6.dwg, 1/29/2024 7:29 PM

LAST REVISION 01–15–24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:29 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

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.

LEGEND:

RIPARIAN RE-ESTABLISHEMENT (0.58 ACRES)

RIPARIAN ENHANCEMENT FOR MONARCHS (0.87 ACRES)

FUTURE RIPARIAN MITIGATION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	103	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

February 05, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

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GOLETA, CA 93117

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

OLD SAN JOSE CREEK AT EKWILL STREET MITIGATION PLANTING NOTES PER BIO MITIGATION PLAN

1. CONCEPTUAL PLANT PLACEMENT SHOWN, ACTUAL PLANT INSTALLATION LOCATIONS TO BE DETERMINED BY THE CITY-APPROVED RESTORATION BIOLOGIST.

2. 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 ECOLOGIST 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 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 ECOLOGIST 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.

3. 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.

4. 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.

5. IRRIGATION

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 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.

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.

MITIGATION PLANTING PLAN

MP-3

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CITY OF GOLETA - DEPARTMENT OF PUBLIC WORKS

CONSULTANT FUNCTIONAL SUPERVISOR: JOSE SILVA

CALCULATED-DESIGNED BY: BRYAN STONE

CHECKED BY: JOSE SILVA

DATE REVISED	REVISED BY

LAST REVISION 01-15-24

DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:29 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

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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.4	104	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

REGISTERED PROFESSIONAL ENGINEER — BRYAN STONE No. 77427 Exp. 06-30-25 — STATE OF CALIFORNIA

February 05, 2024
PLANS APPROVAL DATE

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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

SHEET 180 OF 234

MITIGATION PLANTING PLAN

MP-4

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CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS
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CALCULATED-DESIGNED BY: BRYAN STONE
CHECKED BY: JOSE SILVA
REVISED BY
DATE REVISED

LAST REVISION 01-15-24
DATE PLOTTED => Jan 29, 2024
TIME PLOTTED => 7:29 pm

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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	105	158

REGISTERED CIVIL ENGINEER — 1-15-24 DATE

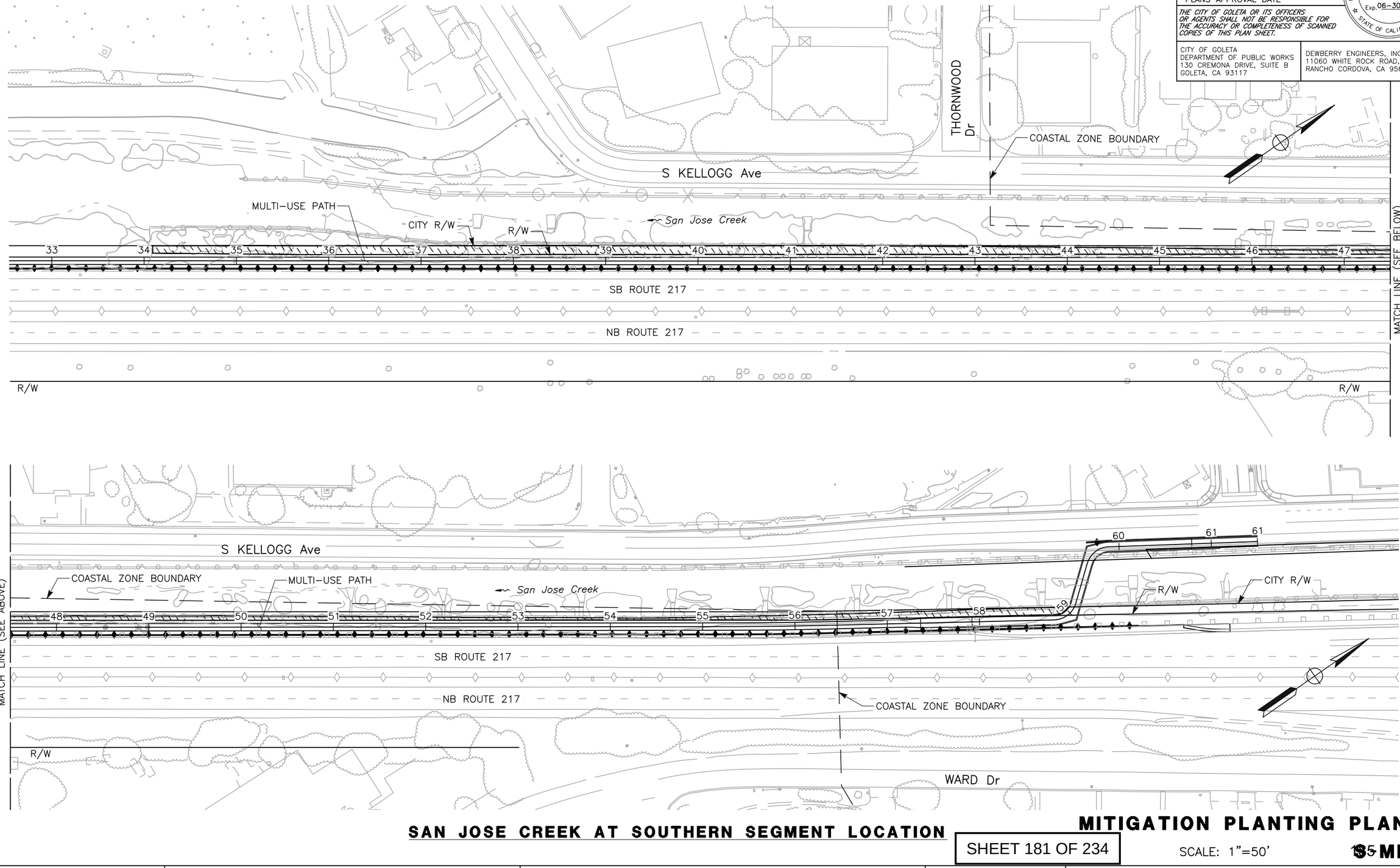
REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

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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



SAN JOSE CREEK AT SOUTHERN SEGMENT LOCATION

MITIGATION PLANTING PLAN

SHEET 181 OF 234

SCALE: 1"=50'

~~35~~ MP-5

REVISED BY	DATE REVISED
BRYAN STONE	JOSE SILVA
CALCULATED-DESIGNED BY	CHECKED BY
JOSE SILVA	

CONSULTANT FUNCTIONAL SUPERVISOR

CITY OF GOLETA – DEPARTMENT OF PUBLIC WORKS

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UNIT 0000

PROJECT NUMBER & PHASE 0518000229

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5	SB	217	1.0/2.4	106	158

REGISTERED CIVIL ENGINEER — DATE: 1-15-24

REGISTERED PROFESSIONAL ENGINEER
BRYAN STONE
No. 77427
Exp. 06-30-25
STATE OF CALIFORNIA

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RANCHO CORDOVA, CA 95670



DEVEREUX SLOUGH - ELLWOOD MESA



OLD SAN JOSE CREEK - EKWILL STREET

MITIGATION PLANTING PLAN

SHEET 182 OF 234

SCALE: 1"=80'

MP-6

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CONSULTANT FUNCTIONAL SUPERVISOR	CHECKED BY	JOSE SILVA	DATE REVISED	
JOSE SILVA				

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	1.0/2.2	107	158

REGISTERED CIVIL ENGINEER — 01/12/24 DATE

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA

February 05, 2024

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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 DECORATIVE STREET LIGHT

ABBREVIATIONS:

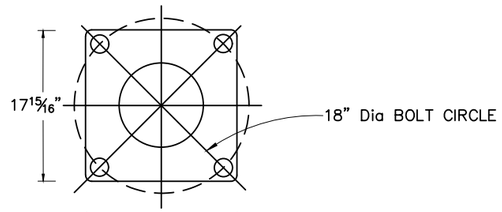
RRFB RECTANGULAR RAPID FLASHING BEACON

LEGEND (FOR THIS SHEET ONLY):

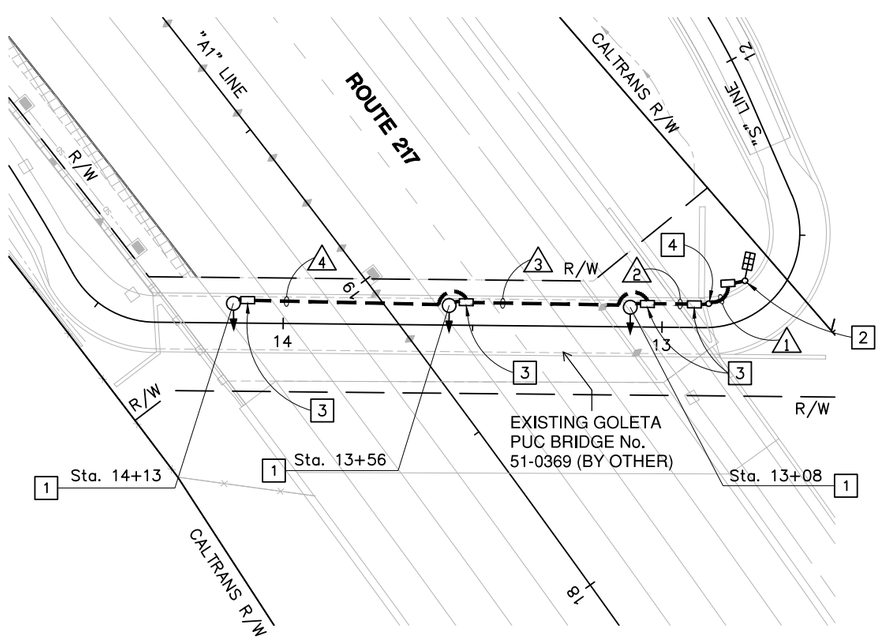
1. INSTALL SolarPath GAMA–U SERIES 30 W LED TYPE III FLOOD LIGHT TO CORNER OF CULVERT. SEE DETAIL A ON THIS SHEET.
2. INSTALL SolarPath 30' ALUMINUM POLE WITH SOLAR PANELS. SEE DETAIL B AND C ON THIS SHEET.
3. INSTALL SURFACE–MOUNTED OUTDOOR RATED NEMA 4X JUNCTION BOX (6" X 6" X 6").
4. INSTALL TYPE 1 CONDUIT RISER.

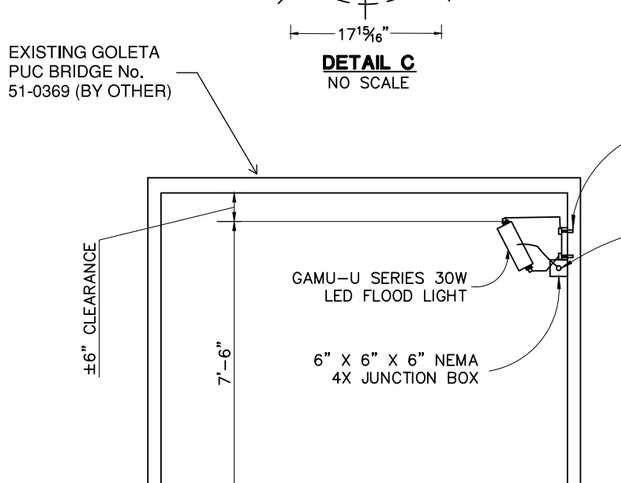
CONDUIT AND CONDUCTORS (FOR THIS SHEET ONLY):

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).

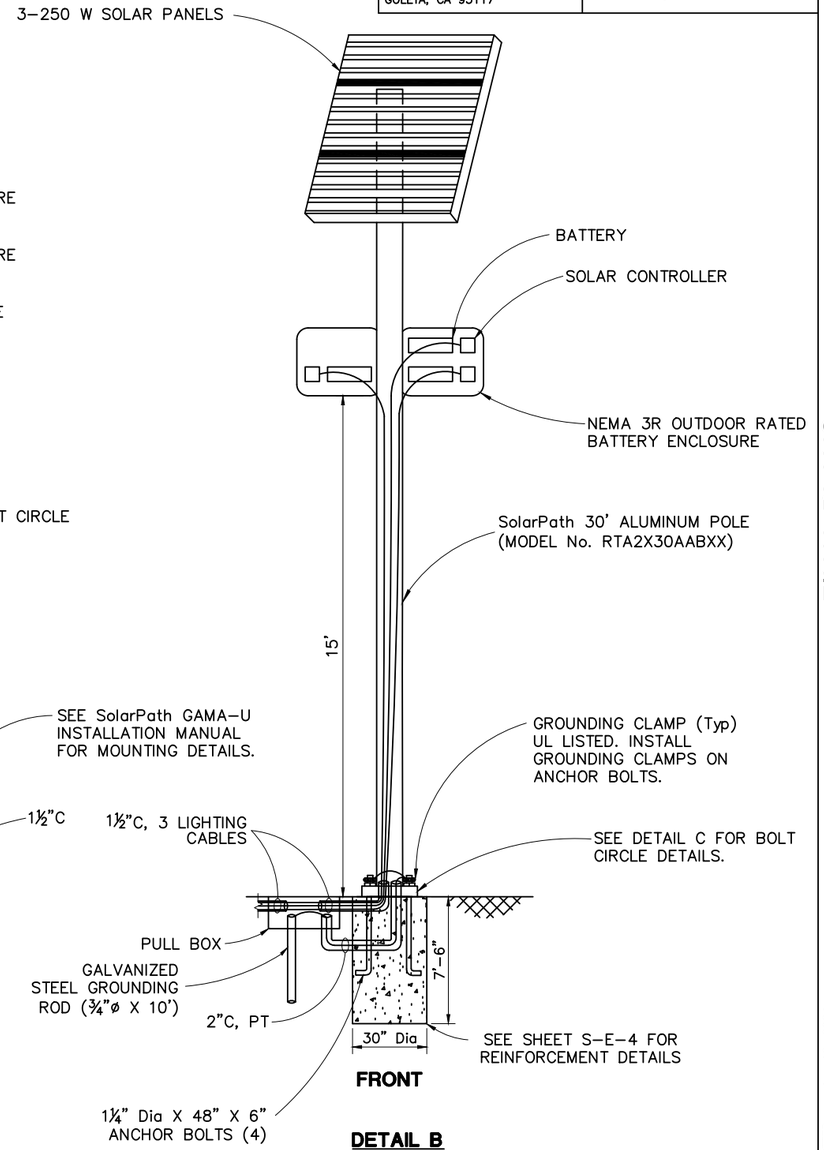


DETAIL C
NO SCALE





DETAIL A
NO SCALE



DETAIL B
NO SCALE

LIGHTING SYSTEM

SCALE: 1"=20'

SHEET 183 OF 234

187 **S–E–1**

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	

FINAL PLANS

DATE PLOTTED => Jan 12, 2024
TIME PLOTTED => 5:33 pm
LAST REVISION 01–12–24

O:\Project\2019\109119 San Jose Creek Bike Path\E–1,2,3,4.dwg, 1/12/2024 5:33 PM

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 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.

EQUIPMENT SCHEDULE

NO.	STANDARD TYPE	APS ARROW	APS QUADRANT	REMARKS
(A)	1-B (13')	→	SOUTH	SEE DETAIL A ON THIS SHEET.
(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 — 01/12/24 DATE

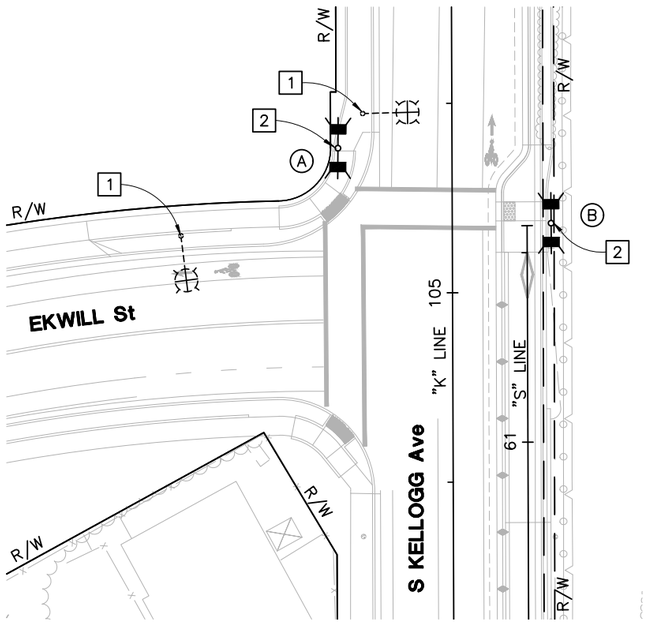
February 05, 2024

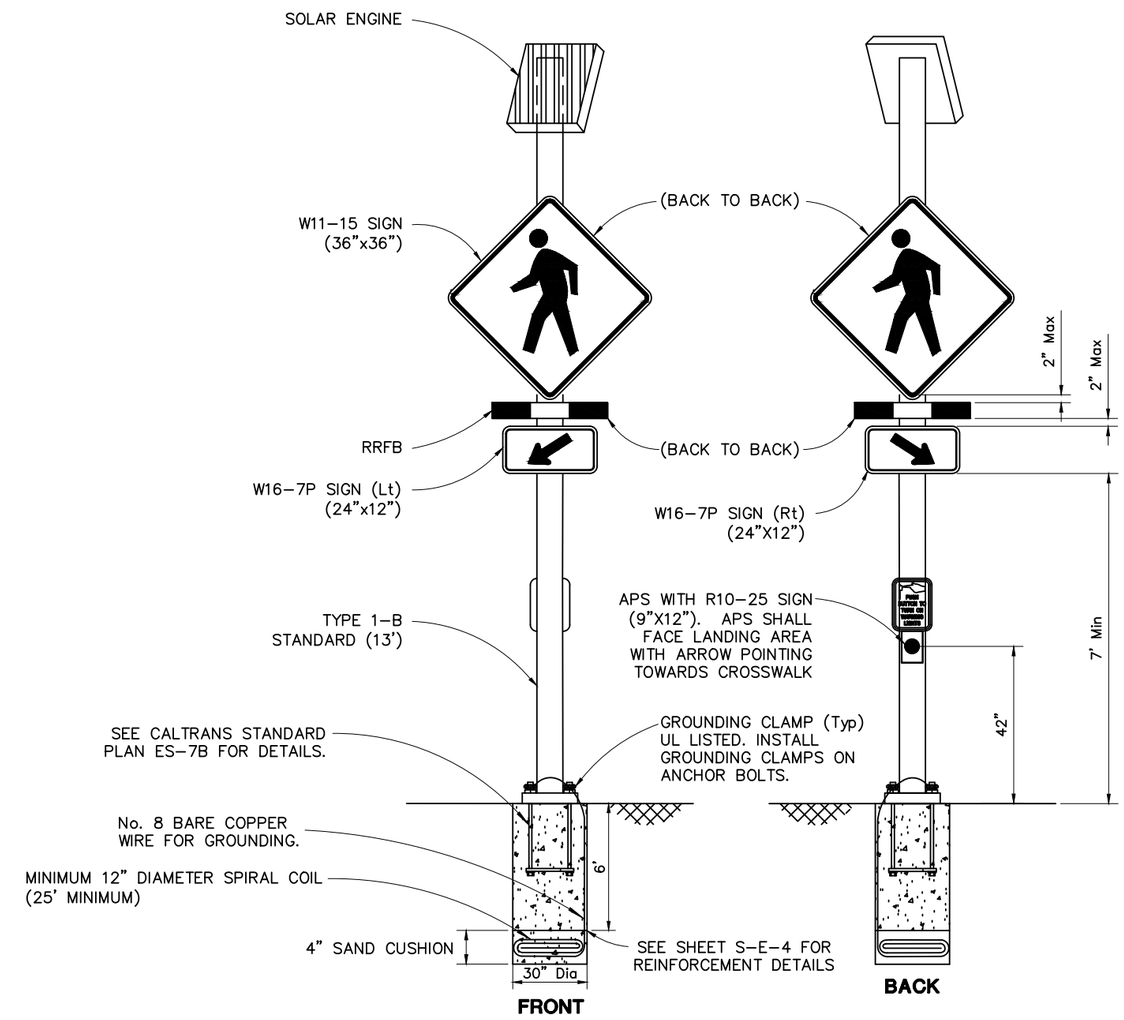
PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA

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





DETAIL A
NO SCALE

RECTANGULAR RAPID FLASHING BEACON SYSTEM

SCALE: 1"=20'

SHEET 184 OF 234

188 **S-E-2**

FINAL PLANS

DATE PLOTTED => Jan 12, 2024
TIME PLOTTED => 5:33 pm
LAST REVISION 01-12-24

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, 1/12/2024 5:33 PM

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 — 01/12/24 DATE

February 05, 2024

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — 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

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).

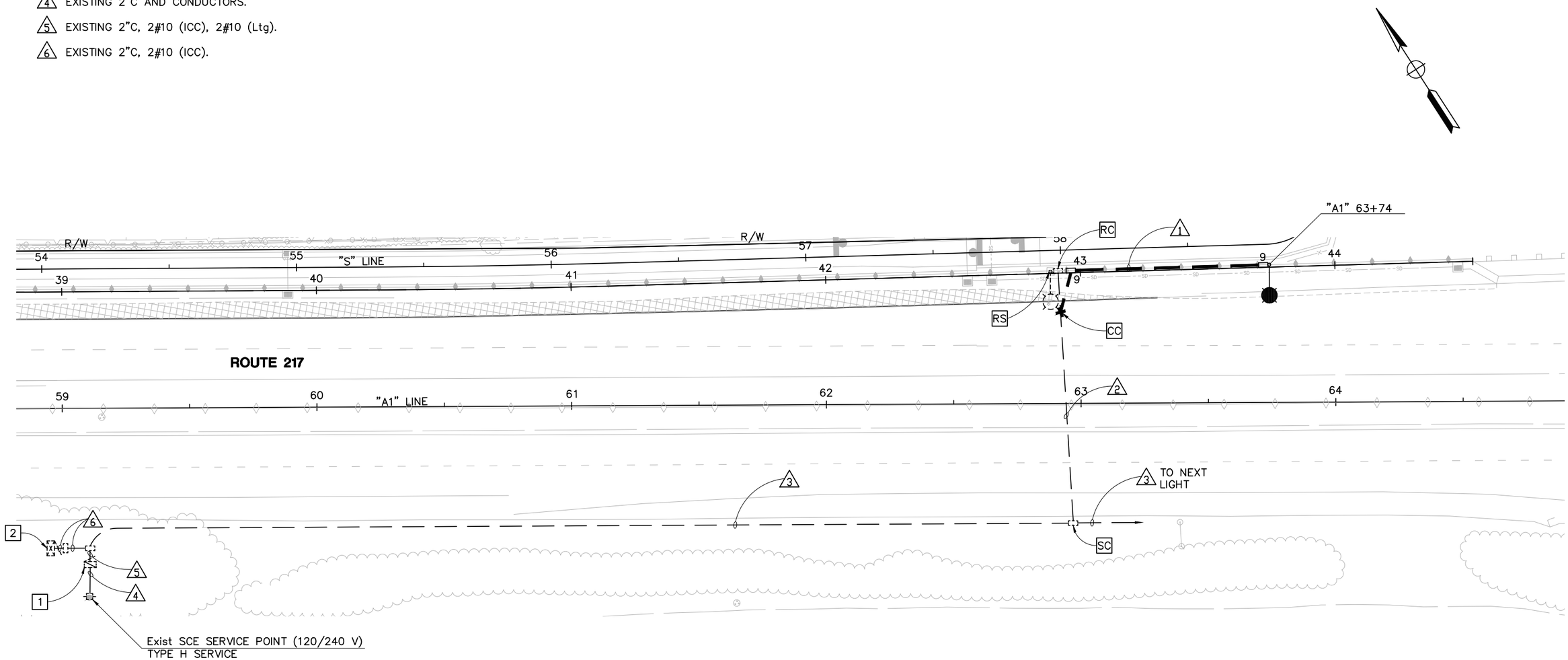
△2 EXISTING 2"C, REMOVE 2#10 (Ltg), ADD 2#10 (Ltg).

△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 185 OF 234

189 S-E-3

FINAL PLANS

LAST REVISION 01-12-24 — DATE PLOTTED => Jan 12, 2024 — TIME PLOTTED => 5:33 pm

REVISED BY | DATE REVISED

CALCULATED–DESIGNED BY: ANSON HUYNH | CHECKED BY: KIN CHAN

SUPERVISOR | 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, 1/12/2024 5:33 PM

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 — DATE 01/12/24

PROFESSIONAL ENGINEER — REGISTERED — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA

February 05, 2024

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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

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

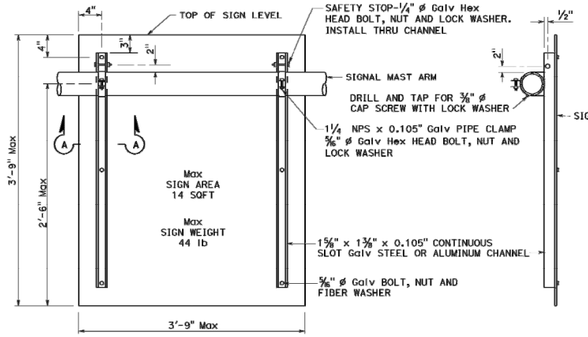
0:\Project\2019\109119 San Jose Creek Bike Path\E-1,2,3,4.dwg, 1/12/2024 5:33 PM

2023 STANDARD PLAN ES-7N

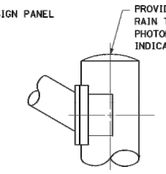
FINAL PLANS

594

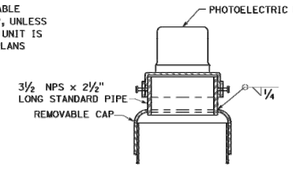
SIGN MOUNTING DETAILS
DETAIL U



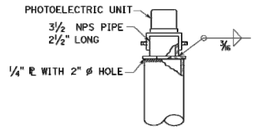
REAR VIEW — SIDE VIEW



STANDARD TOP
DETAIL B-1

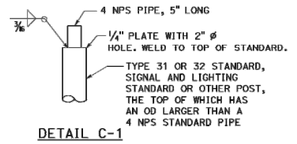


MOUNTING ADAPTER FOR PHOTOELECTRIC UNIT
DETAIL B-2

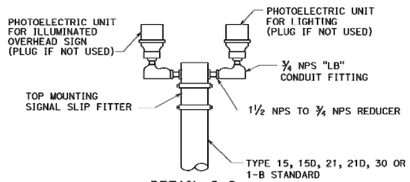


ALTERNATIVE MOUNTING ADAPTER
DETAIL B-3

POLE TOP DETAILS
DETAIL B

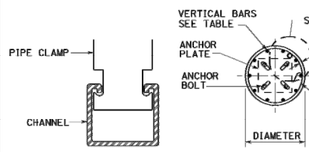


DETAIL C-1

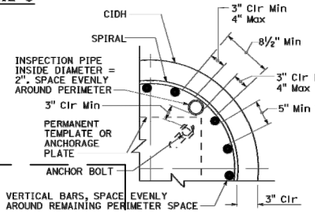


DETAIL C-2

DUAL PHOTOELECTRIC UNIT MOUNTING DETAIL
DETAIL C



SECTION A-A — SECTION B-B

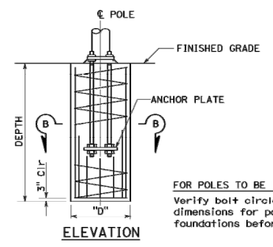


INSPECTION PIPE PLACEMENT
DETAIL I

CIDH REINFORCING AND INSPECTION PIPE SCHEDULE

CIDH DIAMETER	VERTICAL BARS	SPIRAL	INSPECTION PIPE
2 ft	8-#5	#4 AT 6	2
2.5 ft	10-#6		4*
3 ft	12-#7	#5 AT 6	
3.5 ft	14-#8		4
4 ft	18-#9	2-#4 AT 7	5
4.5 ft	18-#9	2-#5 AT 7	5
5 ft	22-#10	2-#5 AT 7	6
6 ft	26-#11	2-#6 AT 7	7

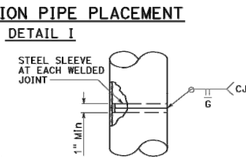
* FOR SLIP BASE VERSIONS WITH 3 ANCHOR BOLTS USE 3 INSPECTION PIPES.



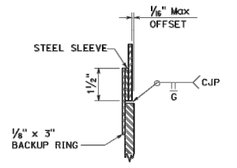
ELEVATION

FOR POLES TO BE INSTALLED ON EXISTING FOUNDATION:
Verify bolt circles, anchor bolt sizes and dependent dimensions for poles to be installed on existing foundations before fabricating the poles.

CAST-IN-DRILLED-HOLE PILE FOUNDATION, REINFORCED PILE
DETAIL A



FOR UNIFORM PIPE THICKNESS
DETAIL T-1



AT PIPE THICKNESS CHANGE
DETAIL T-2

POLE SPLICES
DETAIL T

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS (SIGNAL AND LIGHTING STANDARD, DETAIL No. 2)
NO SCALE

ES-7N

2-6-23

ELECTRICAL DETAILS
NO SCALE

SHEET 186 OF 234

190 S-E-4

LAST REVISION 01-12-24
DATE PLOTTED => Jan 12, 2024
TIME PLOTTED => 5:33 pm

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	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER — DATE

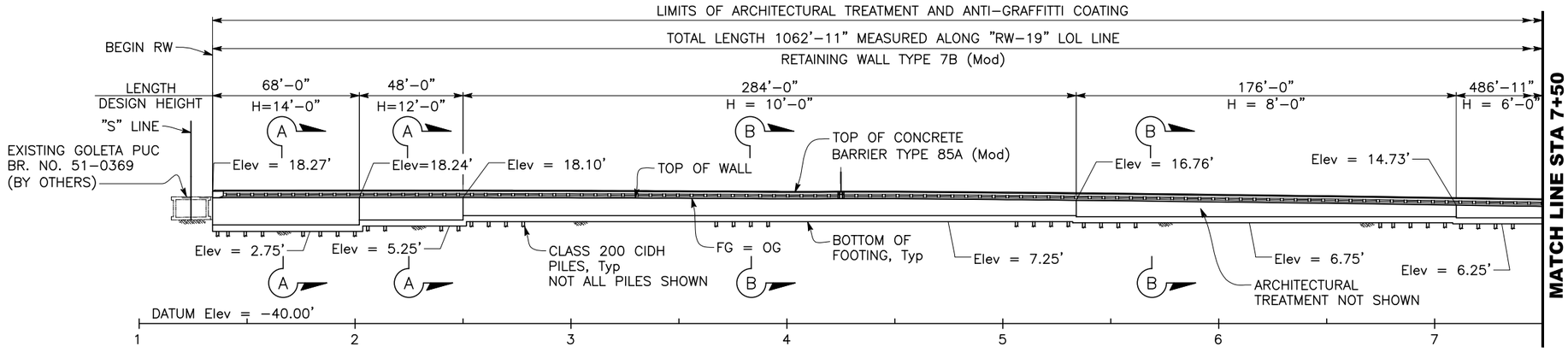
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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

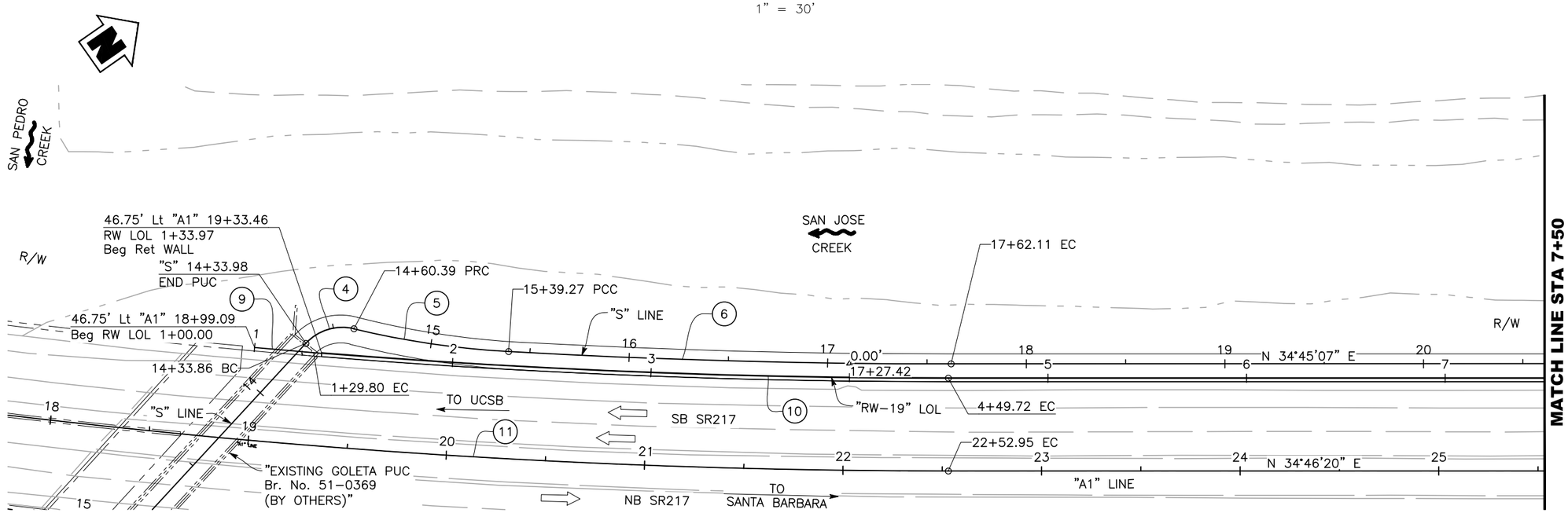
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



DEVELOPED MIRRORED ELEVATION

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'



PLAN

1" = 30'

LEGEND:

— — — — Indicates Existing Structure

NOTES:

1. For "SECTION A-A" and "SECTION B-B" see "GENERAL PLAN NO. 3" sheet.

DESIGN OVERSIGHT SAYGUNN LOW, Feb. 2, 2024	DESIGN	T. DUBOVIK	F. CASIMIRO	SEISMIC ANALYSIS	T. DUBOVIK	F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
	DETAILS	E. CISNEROS	F. CASIMIRO	LAYOUT	T. DUBOVIK	F. CASIMIRO	
SIGN OFF DATE	QUANTITIES	T. DUBOVIK	F. CASIMIRO	SPECIFICATIONS	K. ROSS	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 => Feb 01, 2024
TIME PLOTTED => 9:21 am
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 01/17/24	1	17

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	112	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

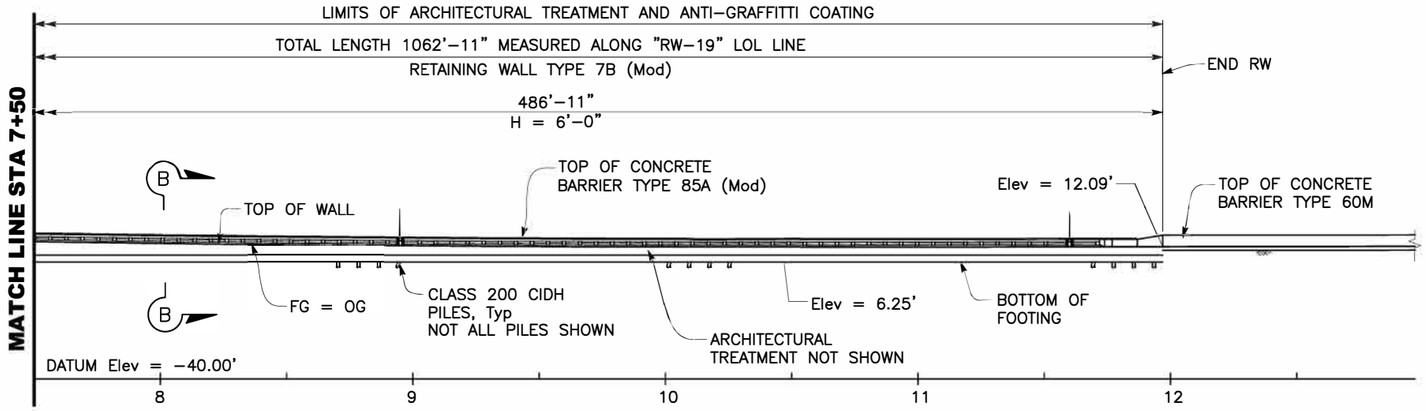
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

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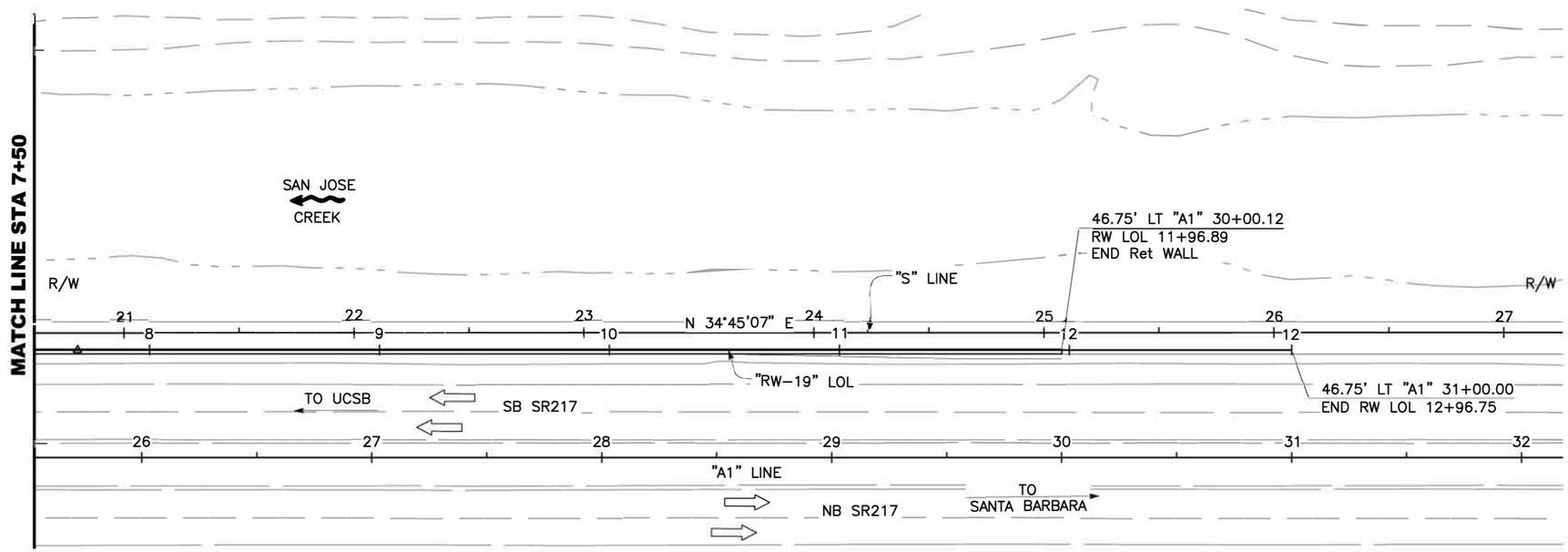
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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.

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE	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 POST MILE 2.1	RETAINING WALL NO. 19 GENERAL PLAN NO. 2
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO				
	QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS				

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:21 am USERNAME => ecisneros

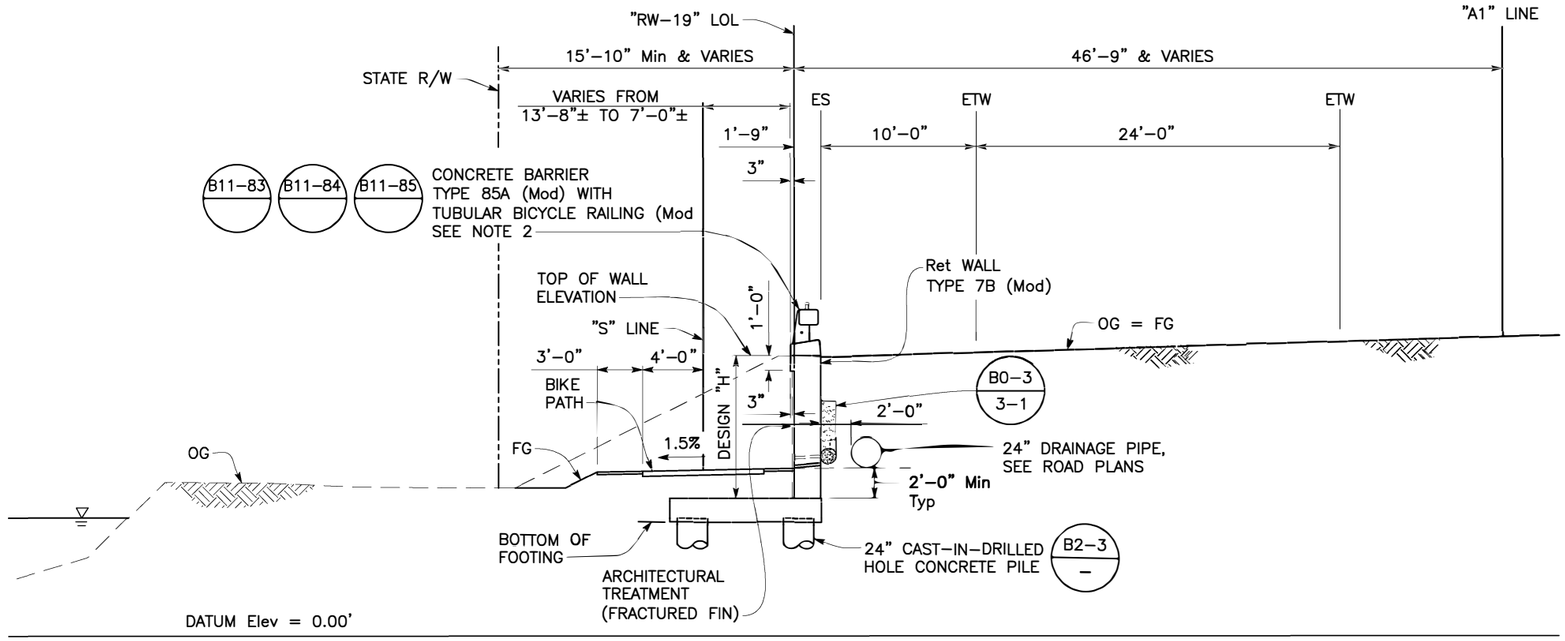
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

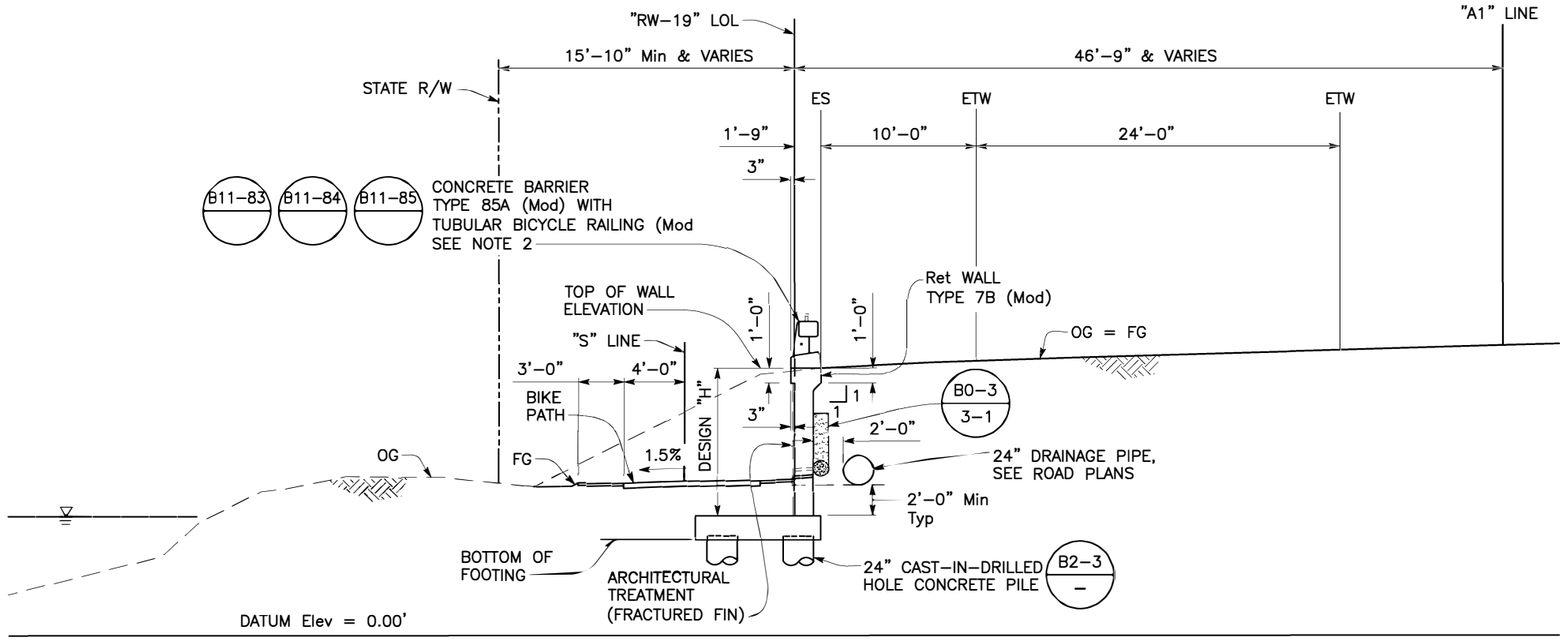
REVISION DATE	SHEET	OF
01/30/23 05/27/23 10/02/23 11/1/23	2	17

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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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	113	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
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

	BY	CHECKED		BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO	SEISMIC ANALYSIS	T. DUBOVIK	F. CASIMIRO
DETAILS	E. CISNEROS	F. CASIMIRO	LAYOUT	T. DUBOVIK	F. CASIMIRO
QUANTITIES	T. DUBOVIK	F. CASIMIRO	SPECIFICATIONS	K. ROSS	PLANS AND SPECS COMPARED K. ROSS

Saygunn Low
DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
SIGN OFF DATE

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
GENERAL PLAN NO. 3

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Feb 01, 2024
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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 3 OF 17

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.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	INDEX TO PLANS
5	STRUCTURE PLAN NO. 1
6	STRUCTURE PLAN NO. 2
7	STRUCTURE PLAN NO. 3
8	STRUCTURE PLAN NO. 4
9	STRUCTURE PLAN NO. 5
10	CONCRETE BARRIER TRANSITION DETAILS
11	RETAINING WALL TYPE 7B (Mod) – DETAILS NO. 1
12	RETAINING WALL TYPE 7B (Mod) – DETAILS NO. 2
13	SIGN DETAILS NO. 1
14	SIGN DETAILS NO. 2
15	ARCHITECTURAL DETAILS NO. 1
16	ARCHITECTURAL DETAILS NO. 2
17	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	158

Anthony T. Dubovik II 1/15/24
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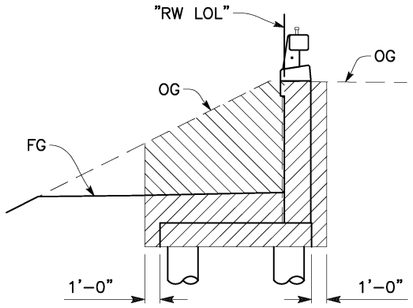
February 5, 2024
PLANS APPROVAL DATE

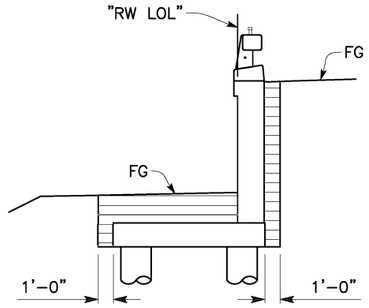
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

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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





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)	5,371	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	15,631	SQFT
CONCRETE BARRIER (TYPE 85A) MOD	1,063	LF
TUBULAR BICYCLE RAILING (MOD)	1,053	LF

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 => Feb 01, 2024 TIME PLOTTED => 9:21 am 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
01/30/24 02/23/24 11/17/23	4	17

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Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

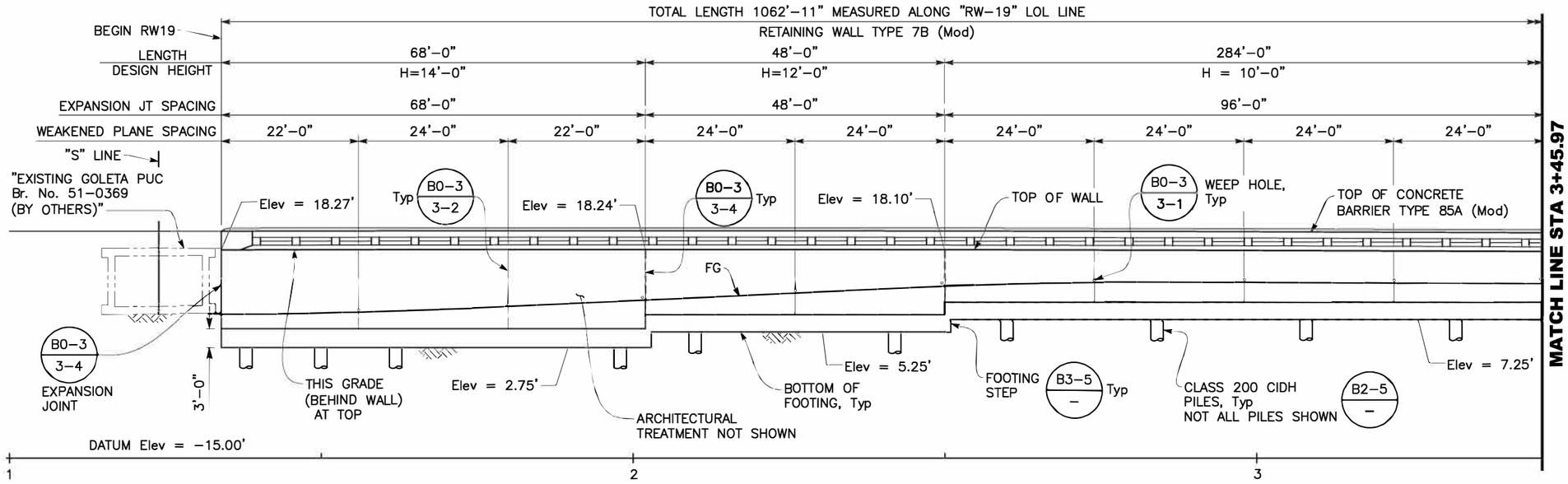
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
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GOLETA, CA 93117

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

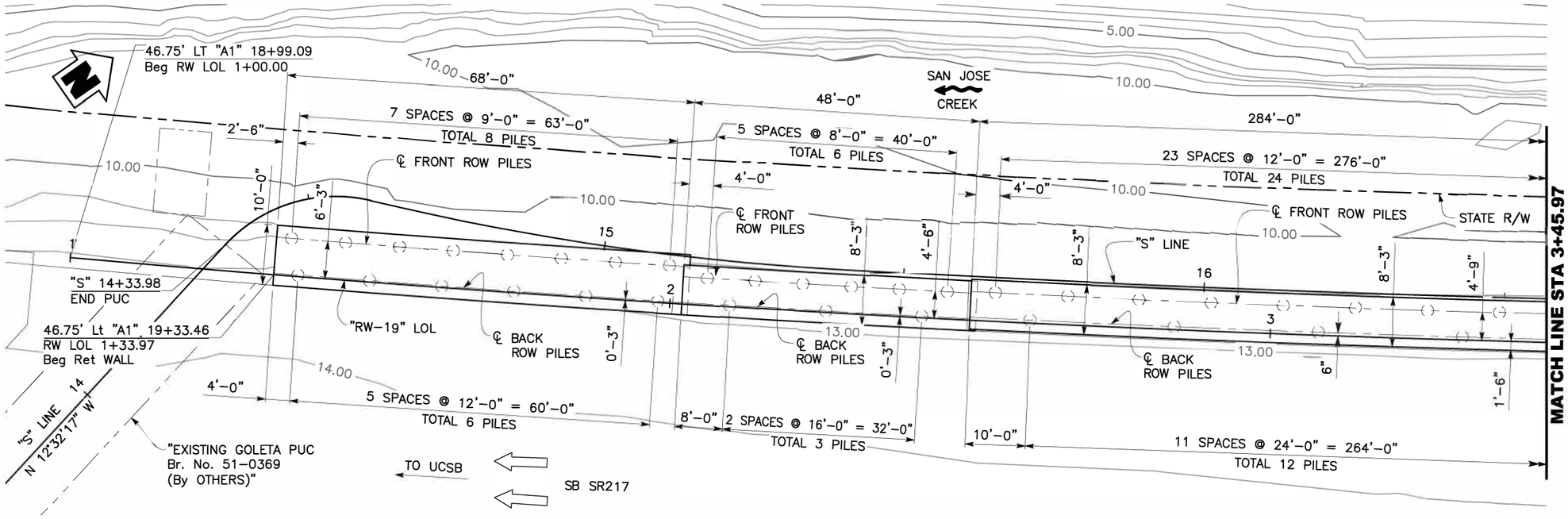


DEVELOPED MIRRORED ELEVATION

1" = 10'

WALL PROFILE TABLE

"RW-19" LOL STATION	TOP OF WALL Elev (ft)
01+50.00	18.30
01+75.00	18.28
02+00.00	18.24
02+25.00	18.18
02+50.00	18.09
02+75.00	18.02
03+00.00	17.95
03+25.00	17.87



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 Standrad Plan B0-3.
3. All longitudinal dimensions are measured along "RW-19" LOL.

LEGEND:

24" CIDH Class 200 Pile

Indicates Existing Structure

Saygunn Low
DESIGN OVERSIGHT — SAYGUNN LOW
Feb. 2, 2024
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. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

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COUNTY/ROUTE: SB/217
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SHEET	OF
5	17

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Anthony T. Dubovik II 1/15/24
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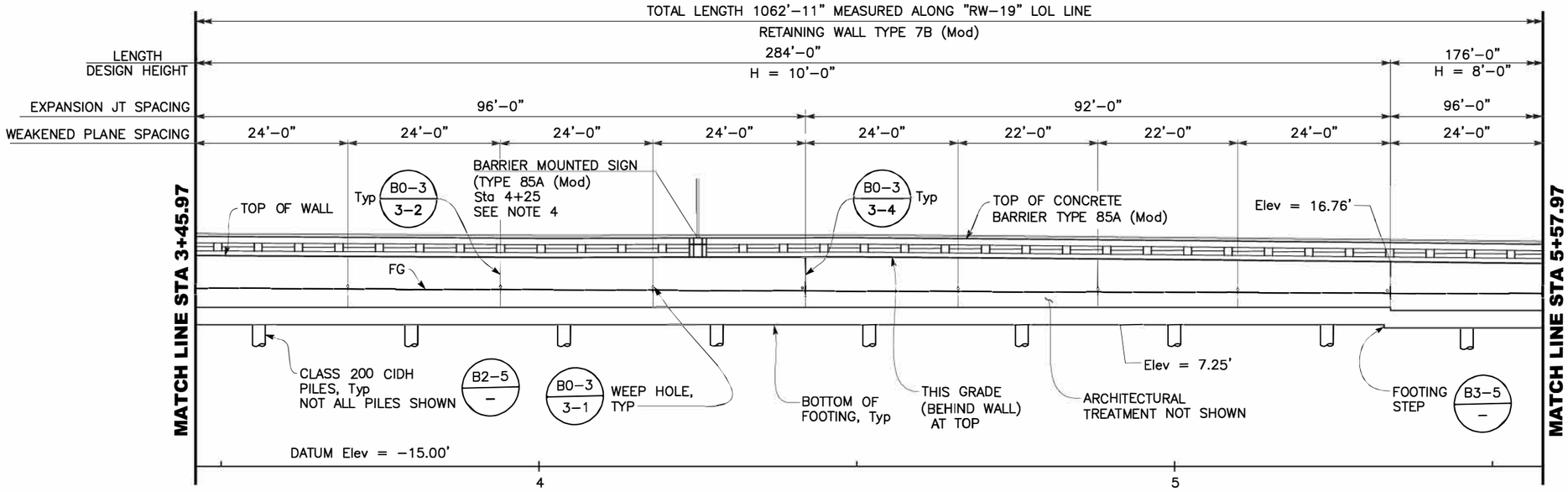
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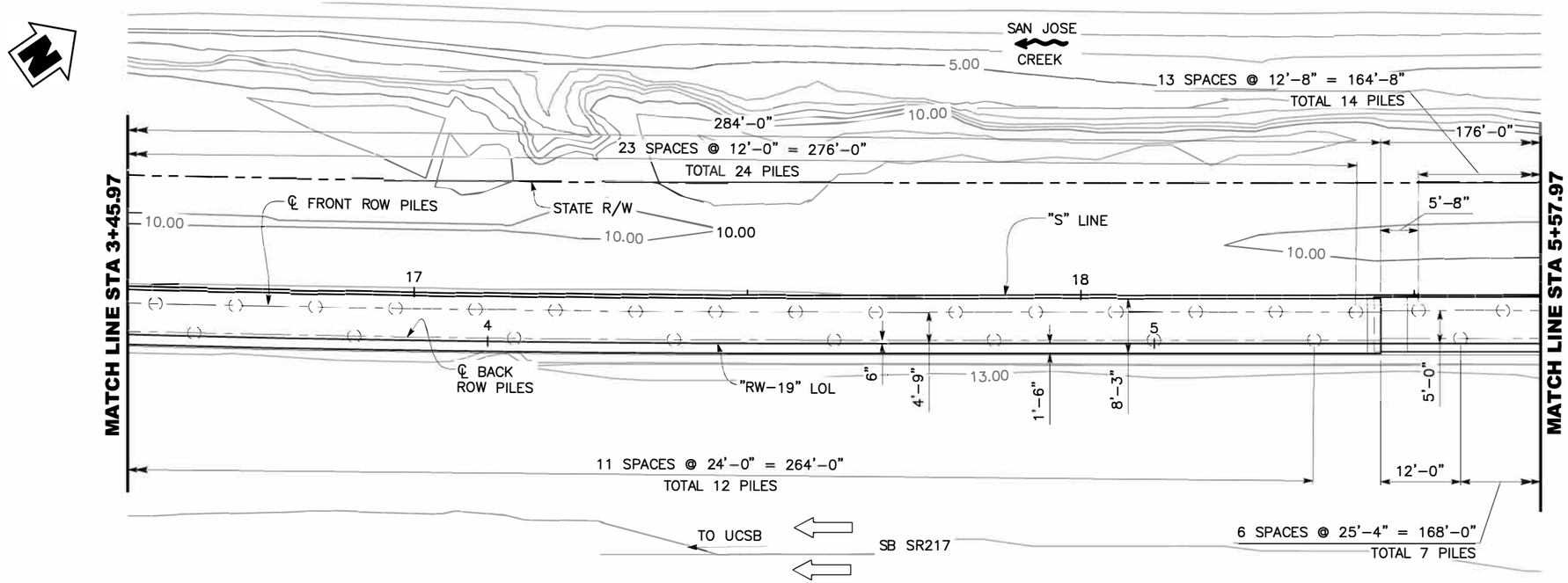
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



MIRRORED ELEVATION

1" = 10'



FOOTING PLAN

1" = 10'

WALL PROFILE TABLE

"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
03+50.00	17.66
03+75.00	17.64
04+00.00	17.55
04+25.00	17.53
04+50.00	17.50
04+75.00	17.30
05+00.00	17.09
05+25.00	16.85
05+50.00	16.60

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 Standrad Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.

LEGEND:

( ) 24" CIDH Class 200 Pile

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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

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01/30/23 10/27/23 11/17/23	6	17

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Anthony T. Dubovik II 1/15/24
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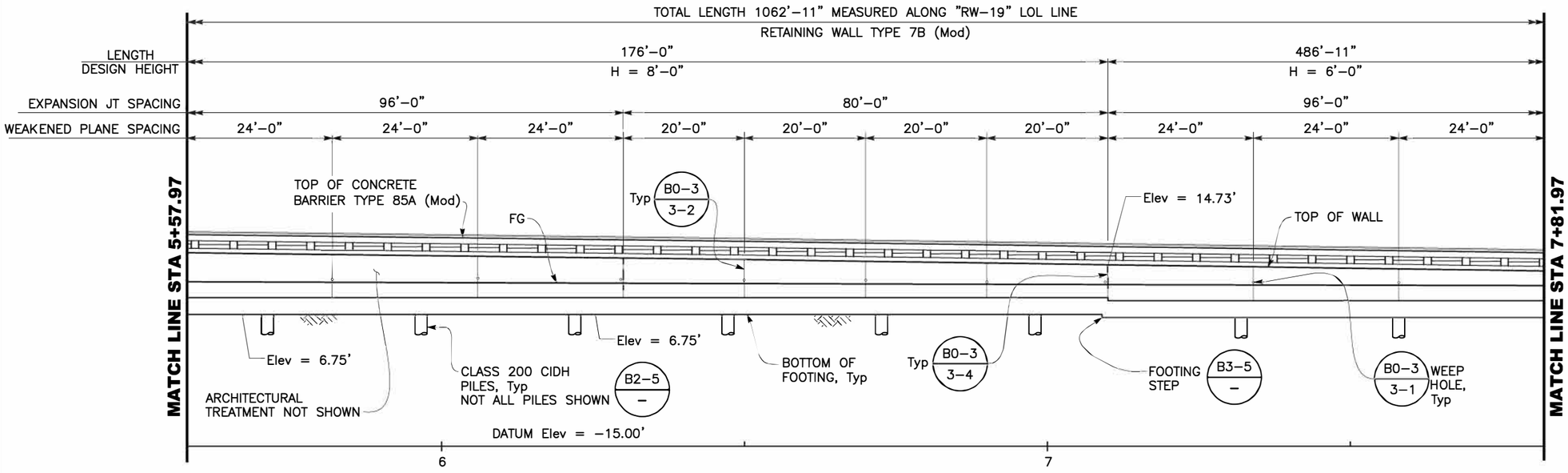
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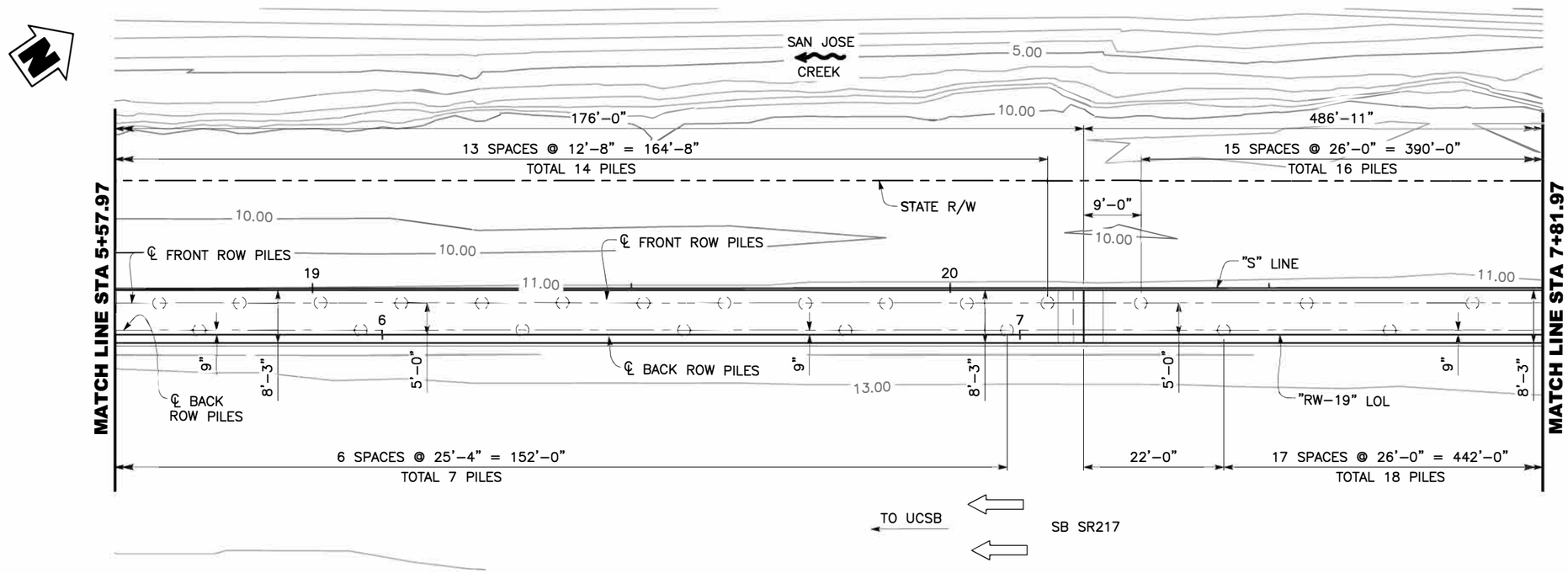
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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 10'



FOOTING PLAN

1" = 10'

WALL PROFILE TABLE

"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
05+75.00	6.00
06+25.00	15.74
06+50.00	15.44
06+75.00	15.14
07+00.00	14.85
07+25.00	14.56
07+50.00	14.29
07+75.00	14.04

NOTES:

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2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standrad Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.

LEGEND:

◯ 24" CIDH Class 200 Pile

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
SIGN OFF DATE

	BY	CHECKED
DESIGN	T. DUBOVIK	F. CASIMIRO
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CITY OF GOLETA
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ANTHONY DUBOVIK II
PROJECT ENGINEER

BRIDGE No. 51E0027
POST MILE 2.1

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 3

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01/30/23 10/02/23 11/17/23	7	17

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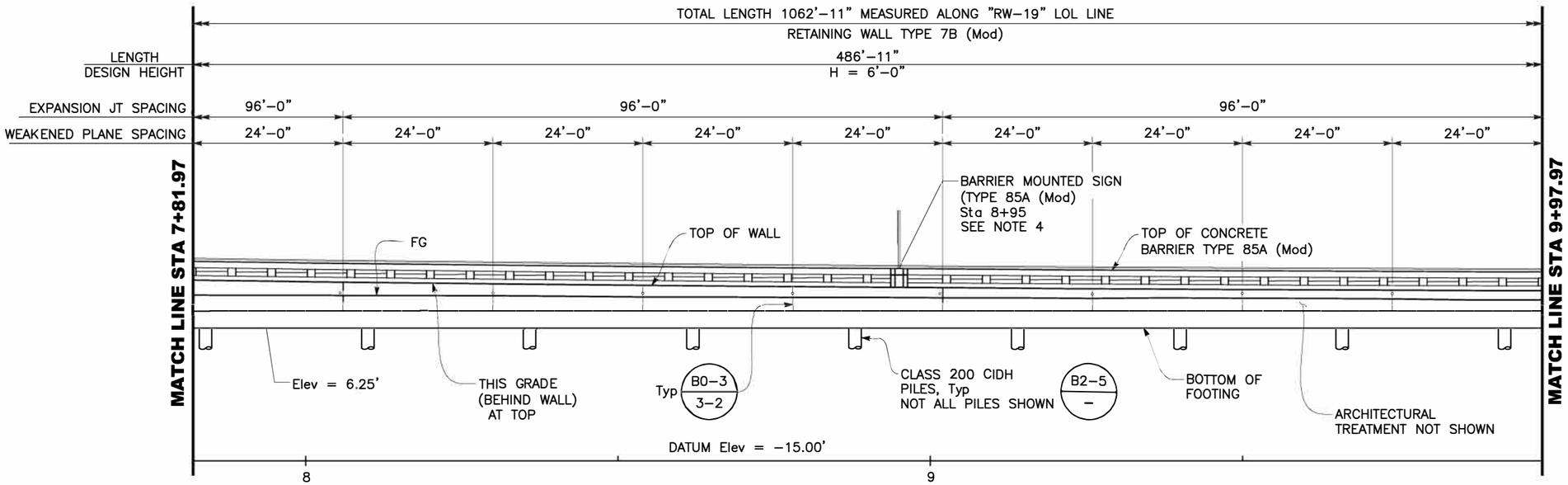
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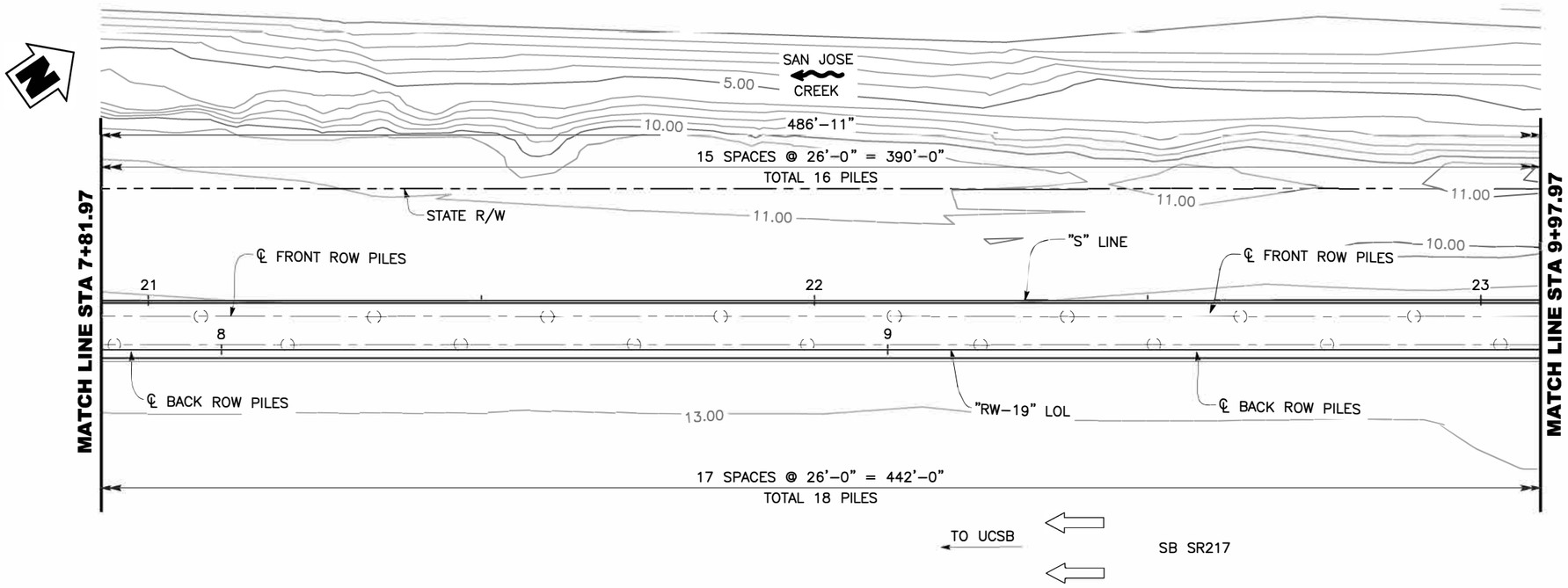
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11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



MIRRORED ELEVATION

1" = 10'



FOOTING PLAN

1" = 10'

WALL PROFILE TABLE

"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
08+00.00	13.81
08+25.00	13.59
08+50.00	13.59
08+75.00	13.20
09+00.00	13.03
09+25.00	12.88
09+50.00	12.74
09+75.00	12.62

NOTES:

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2. Retaining wall expansion joints, weakened planes and weepholes shall be placed per Standrad Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.

LEGEND:

24" CIDH Class 200 Pile

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
SIGN OFF DATE

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DESIGN	T. DUBOVIK	F. CASIMIRO
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QUANTITIES	T. DUBOVIK	F. CASIMIRO

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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)

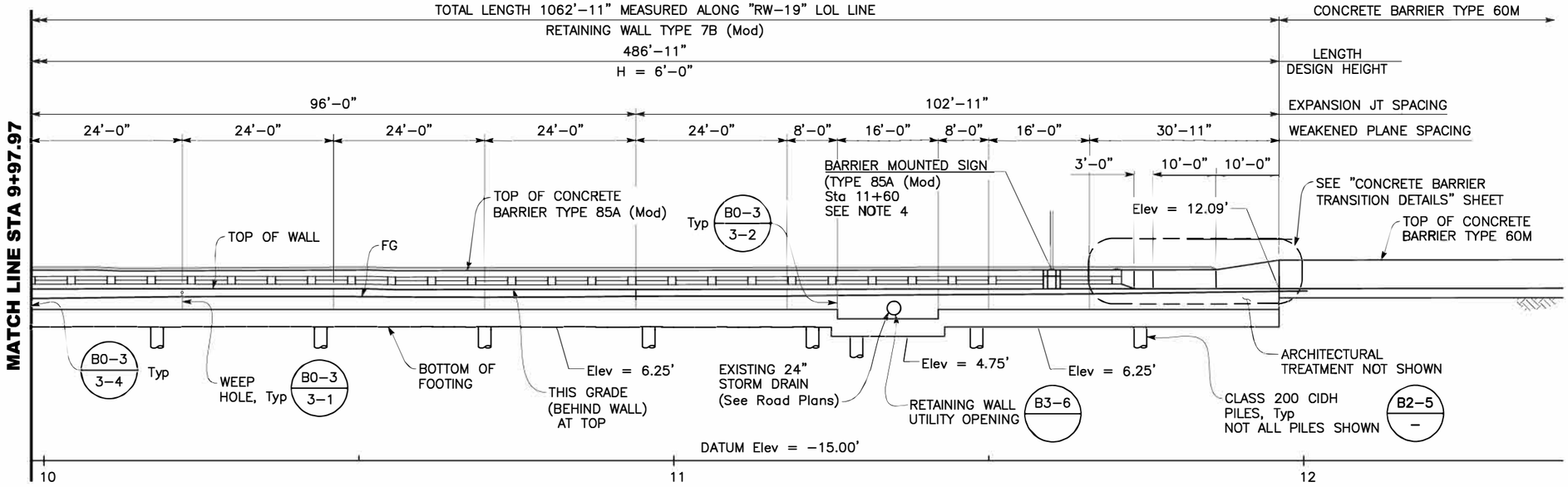
DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:22 am USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →
REVISION DATES 01/30/23 02/23 11/17/23

SHEET 8 OF 17

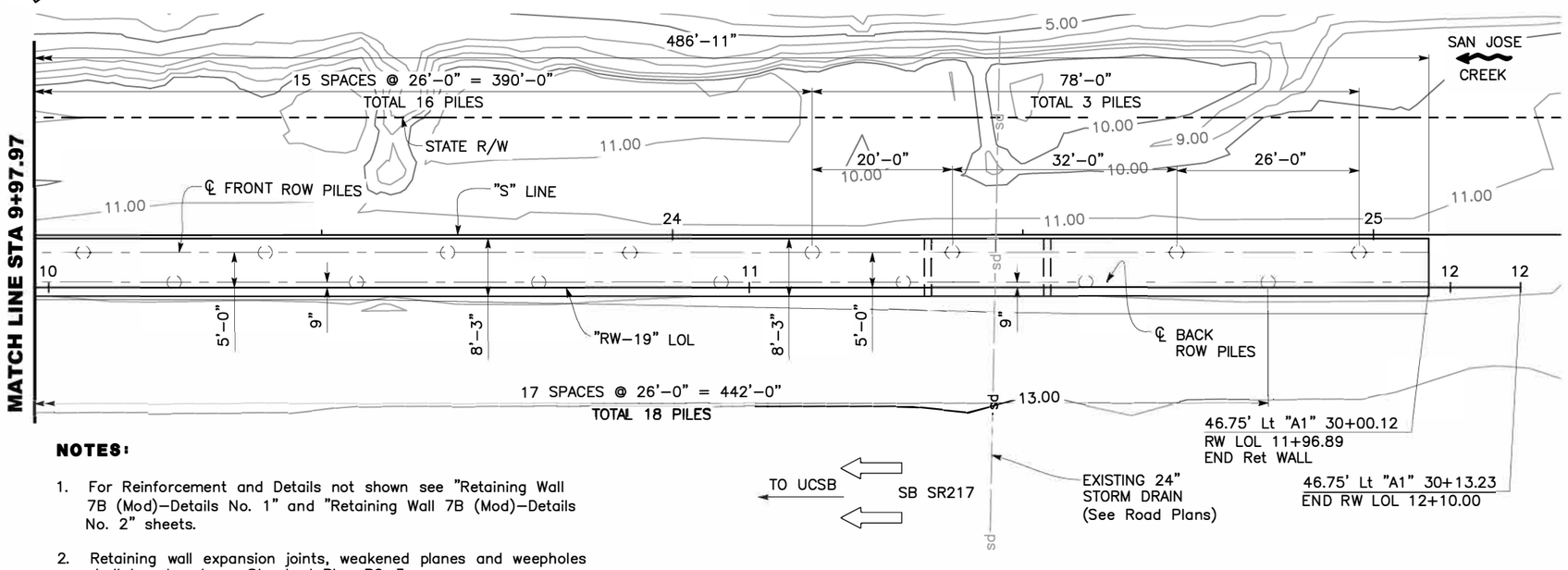
FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\RW No. 19\SR217_RW–SP.dwg



MIRRORED ELEVATION

1" = 10'

*** Cut–off = 5.00 at Storm Drain Location (1 ea)



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 Standrad Plan B0–3.
3. All longitudinal dimensions are measured along "RW–19" LOL.
4. For Sign Pedestal Details, see "SIGN DETAILS" sheets.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	119	158

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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

WALL PROFILE TABLE

"RW–19 LOL" STATION	TOP OF WALL Elev (ft)
10+00.00	12.51
10+25.00	12.42
10+50.00	12.34
10+75.00	12.25
11+00.00	12.16
11+25.00	12.10
11+50.00	12.06
11+75.00	12.06

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.

LEGEND:

24" CIDH Class 200 Pile

DESIGN OVERSIGHT SAYGUNN LOW, Feb. 2, 2024, SIGN OFF DATE		DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II, PROJECT ENGINEER	BRIDGE No. 51E0027
		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO			POST MILE 2.1
		QUANTITIES	BY T. DUBOVIK	CHECKED F. CASIMIRO			

RETAINING WALL NO. 19
STRUCTURE PLAN NO. 5

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)
DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:22 am 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 10/03/23 11/17/23 SHEET 9 OF 17

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	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

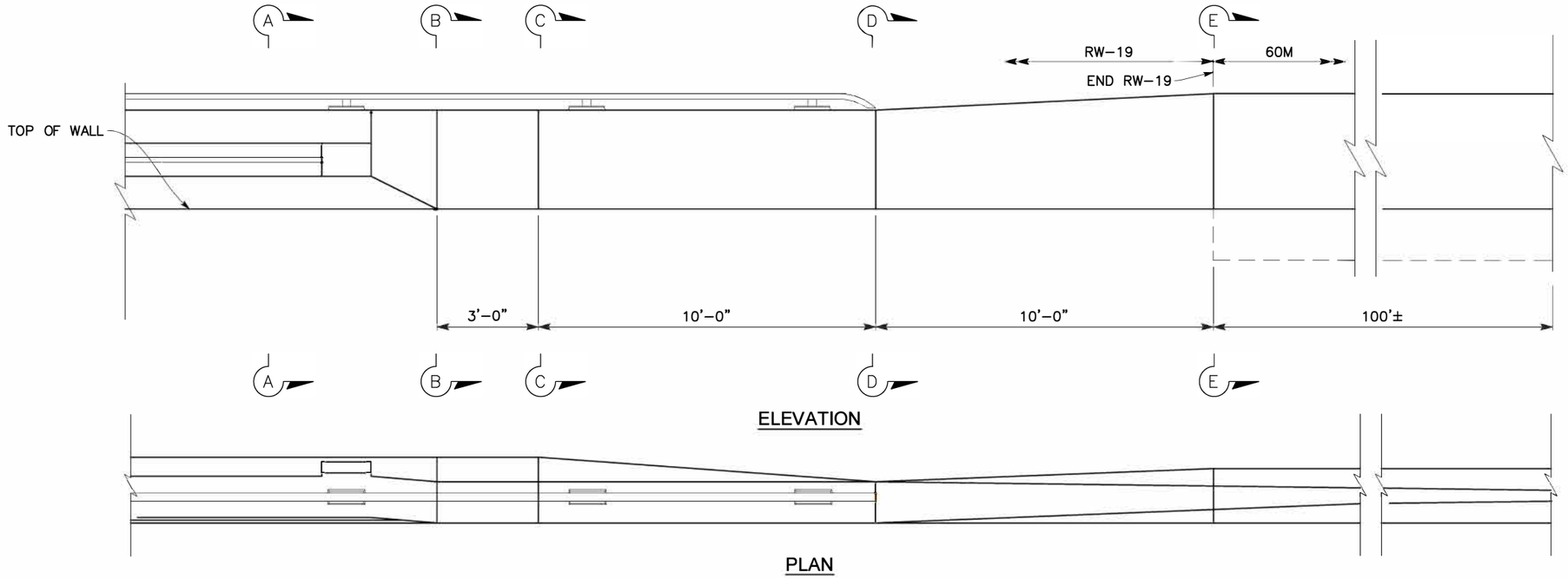
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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



ELEVATION

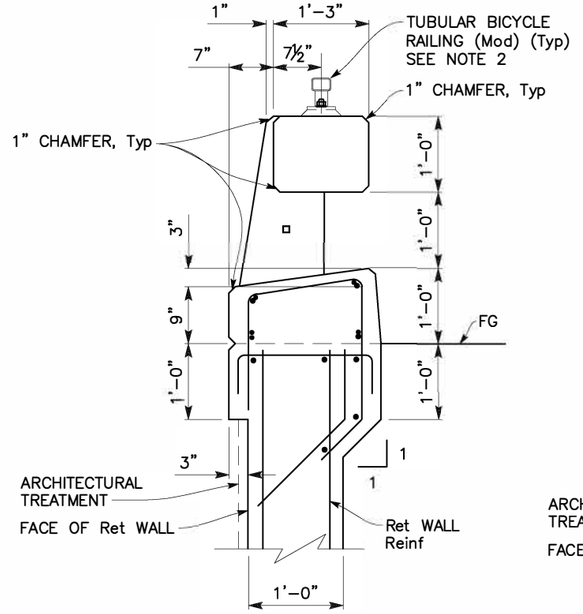
PLAN

NOTES:

1. For barrier details not shown see B11–83 (–).
2. All Top Bicycle Rail Components, except anchor bolts, must be Powder Coated.

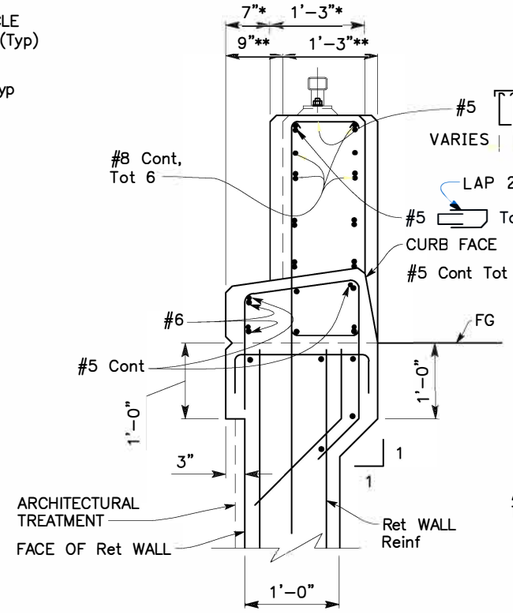
CONCRETE BARRIER TRANSITION DETAILS

½" = 1'–0"



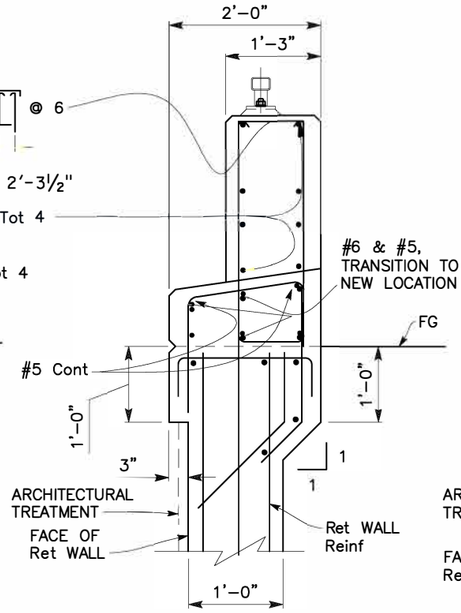
SECTION A-A

1" = 1'–0"



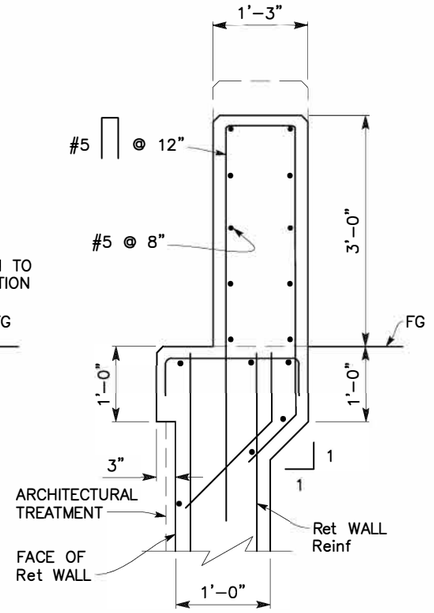
SECTION B-B

1" = 1'–0"



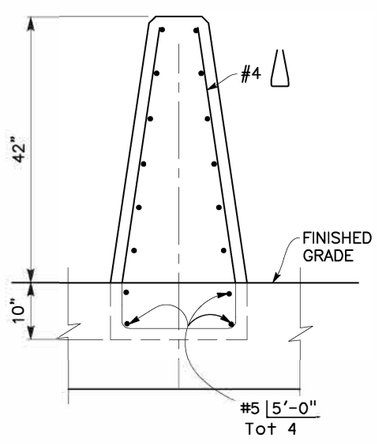
SECTION C-C

1" = 1'–0"



SECTION D-D

1" = 1'–0"



SECTION E-E

1" = 1'–0"

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE	DESIGN	BY T. DUBOVIK	CHECKED F. CASIMIRO	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
	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
CONCRETE BARRIER TRANSITION DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:22 am USERNAME => eclsneros

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	17

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	121	158

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/24 — 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

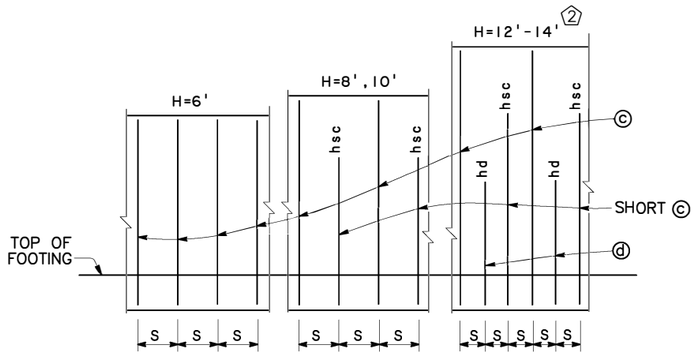
Soil: ϕ = 34°
γ = 120 pcf

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

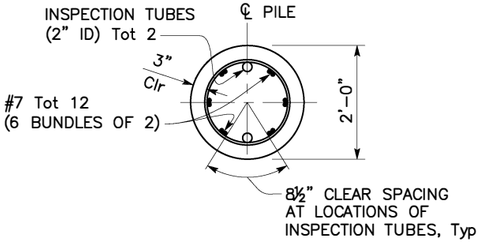
Where:
- Q: Force Effects
- α: 1.25 or 0.90, Which ever Controls Design
- β: 1.35 or 1.00, which ever Controls Design
- DC: Dead Load of Structure Components
- EV: Vertical Earth Fill Pressure
- LS: Live Load Surcharge
- EQE: Seismic Earth Pressure
- EQD: Soil and Structure Components Inertia. Soil inertia ignored for stem design
- CT: Vehicular Collision Force



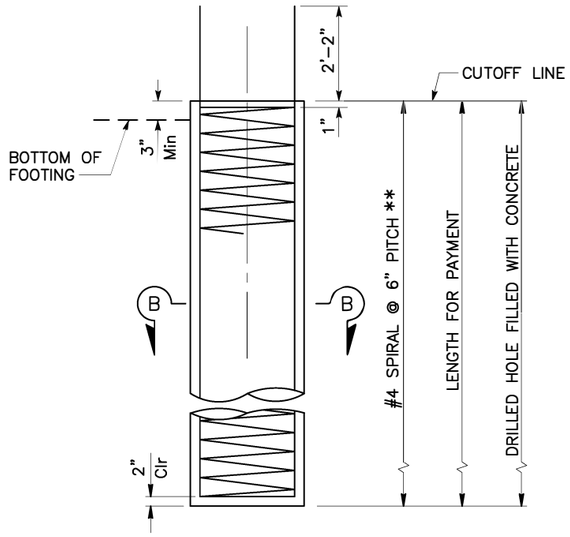
ELEVATION
NO SCALE

NOTE:

"hb", "hsc", "hc", "hd" and "he" above bars indicate distance from top of footing to upper end of the bars, see table.

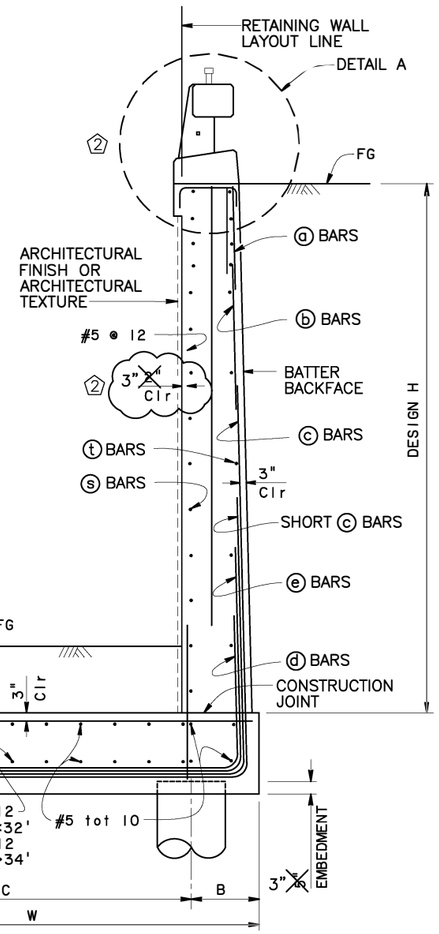


SECTION B - B
(WITH INSPECTION TUBES)



ELEVATION

24"ø CIDH PILE
200 KIP DESIGN CAPACITY
NO SCALE

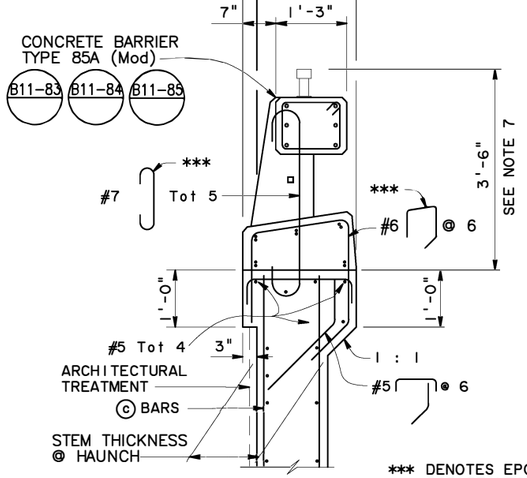


PILE FOOTING SECTION ②
NO SCALE

FOOTING FOR H=14 SHOWN, OTHERS SIMILAR.

NOTES:

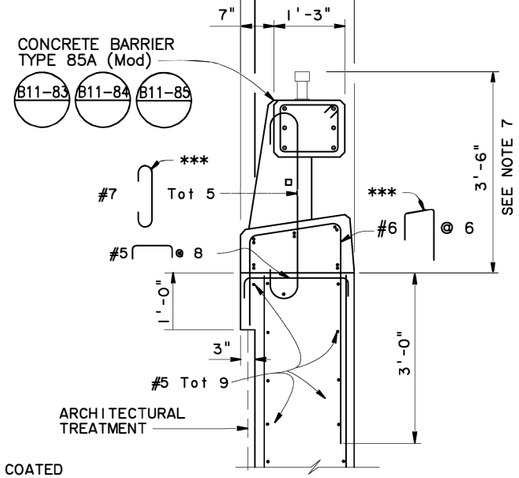
1. For Retaining wall Architectural finish or texture see Details elsewhere in Project Plans.
2. For details not shown and drainage notes, see B3-5. Substitution of geocomposite drain for pervious backfill material is not permitted.
3. Footing cover, 2'–0" minimum.
4. For H=6' through 10', extend ⓒ bars 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.



*** DENOTES EPOXY COATED BAR REINFORCEMENT

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)

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*

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.htm

① INFORMATION ADDED ③ REVISED NOTE
② REVISED DETAIL

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.	51E0027
POST MILE	2.1

RETAINING WALL NO. 19
RETAINING WALL TYPE 7B (Mod)-DETAILS NO. 1

FILE => USERNAME => ecisneros — TIME PLOTTED => 9:22 am — DATE PLOTTED => Feb 01, 2024

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	8-26-15	7-14-16		11	17

LAYOUT: 1 — Xs14-375-1.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	122	158

Anthony T. Dubowik 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOWIK III
No. 38372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

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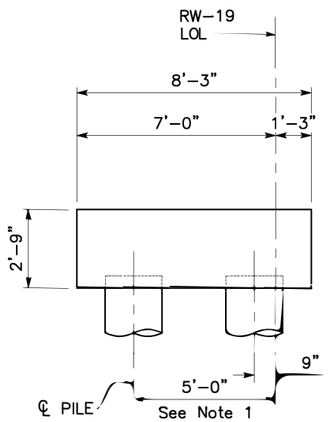
TABLE OF WALL DIMENSIONS, REINFORCING STEEL AND BEARING STRESS DATA (1)

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				1'-7"	1'-7"	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"													
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"
(a) 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

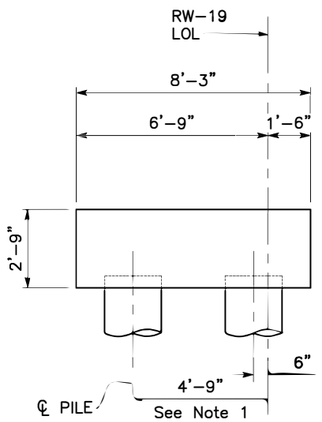
NOTE:
(h) Bar spacing shown is along the length of the retaining wall.

LEGEND:
☿: 2 bar bundle

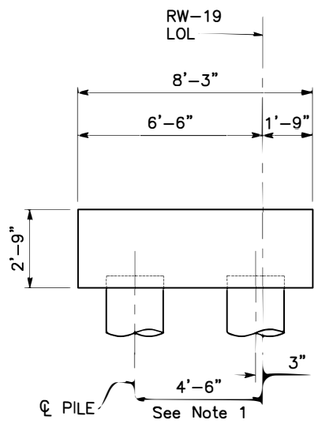
NOTE:
1. See "Structure plan No.1- "Structure plan No. 5" for staggered spacing.



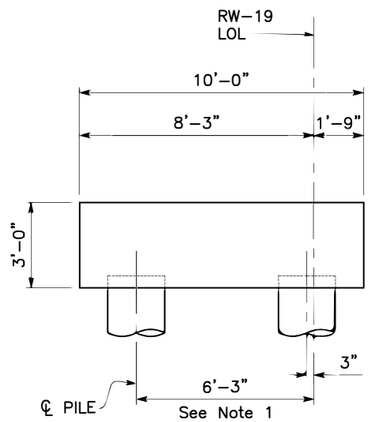
H=8' & 6'



H=10'



H=12'



H=14'

PILE PATTERN (2)
NO SCALE

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

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 => 9:23 am DATE PLOTTED => Feb 01, 2024

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
6-15-16	8-8-14	7-1-16		12	17

202

Sol Creek Bike Path So. Extent 2018-023 - Gl Grant\A400 Project Design Files\A430 Bridges & Structures\Drawing No. 19\xs14-375-2.dgn

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	123	158

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

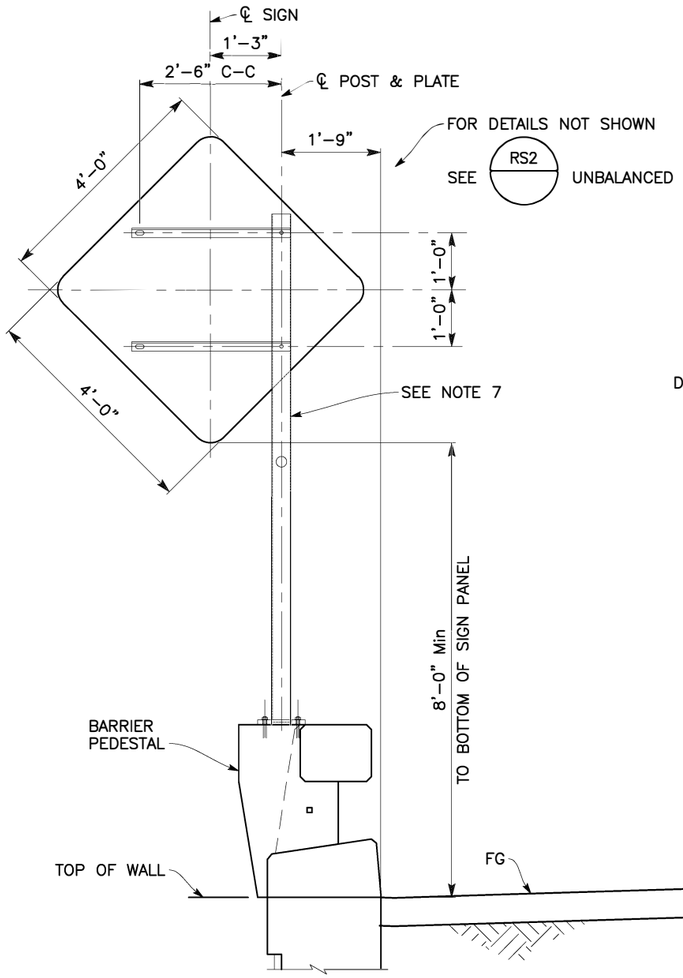
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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.

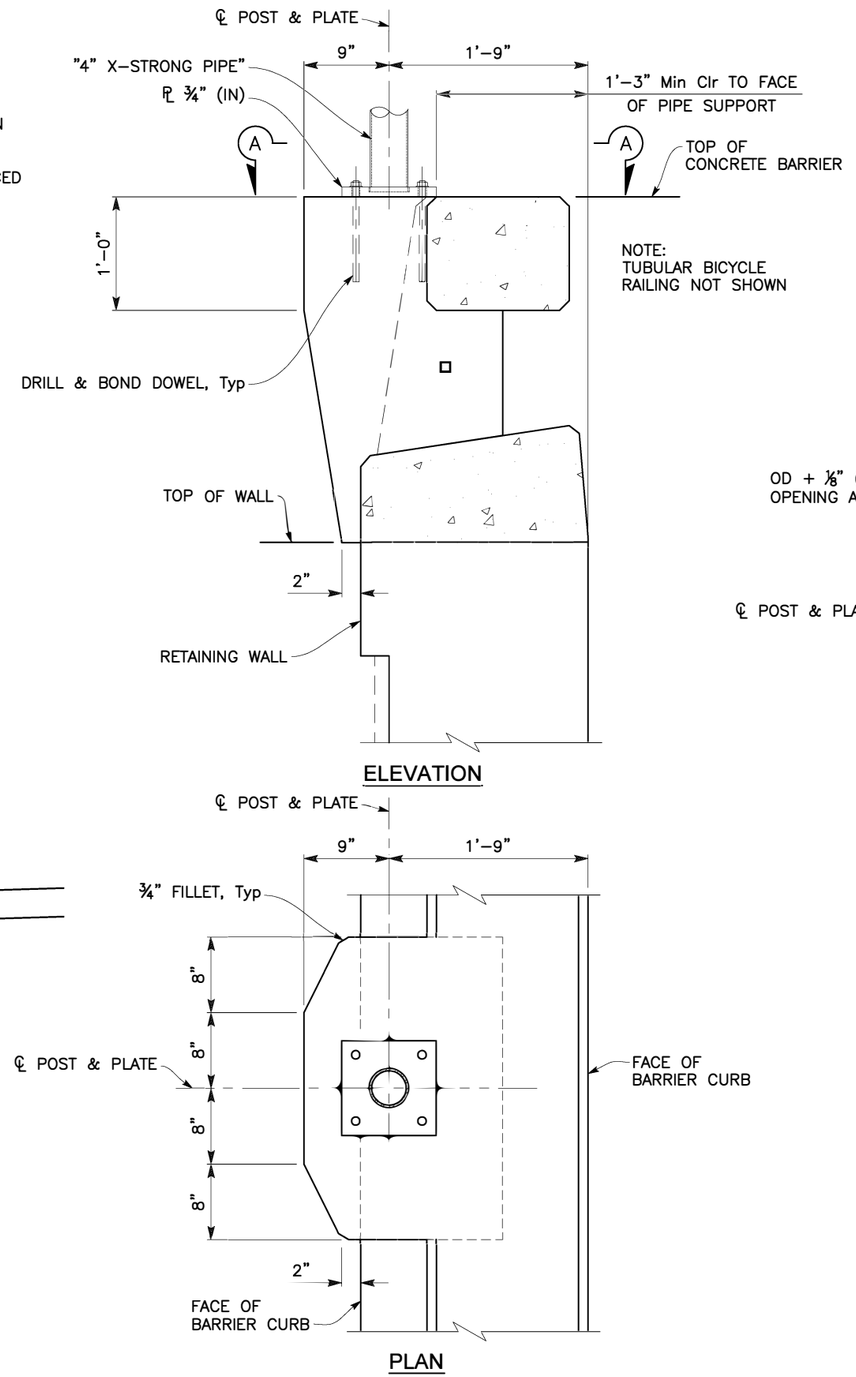
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



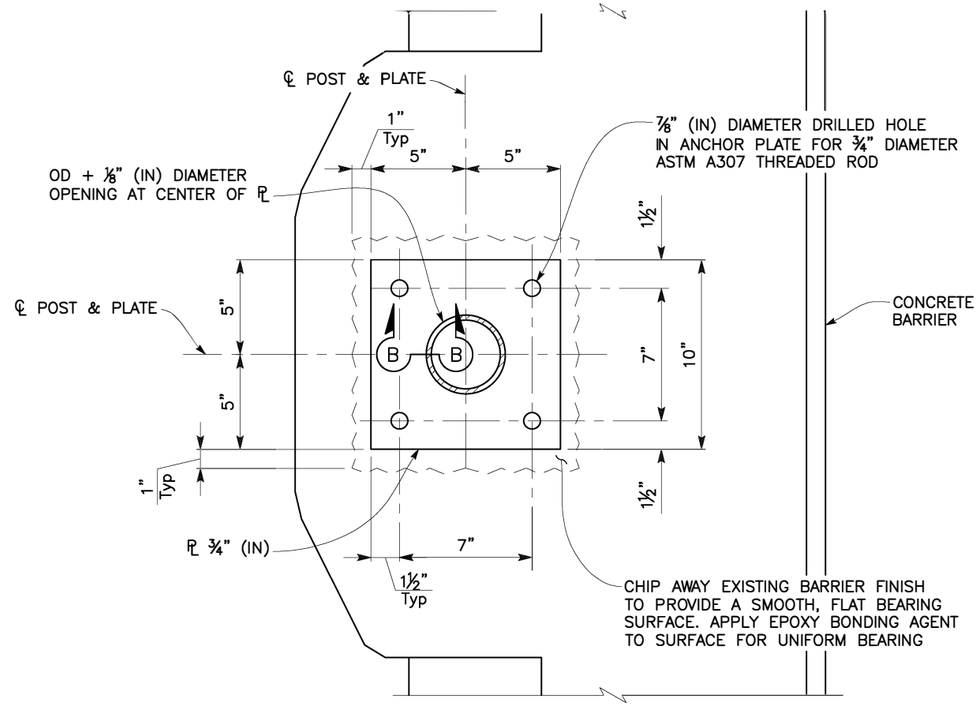
BARRIER MOUNTED SIGN (TYPE 85A (Mod)) DETAIL

¾" = 1'–0"



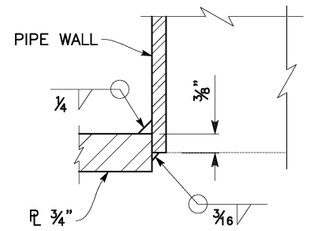
BARRIER PEDESTAL DETAIL

1½" = 1'–0"



VIEW A-A

3" = 1'–0"



SECTION B-B

6" = 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.

Saygunn Low
DESIGN OVERSIGHT — SAYGUNN LOW
Feb. 2, 2024
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 => Feb 01, 2024
TIME PLOTTED => 9:23 am
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 13 OF 17

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	124	158

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

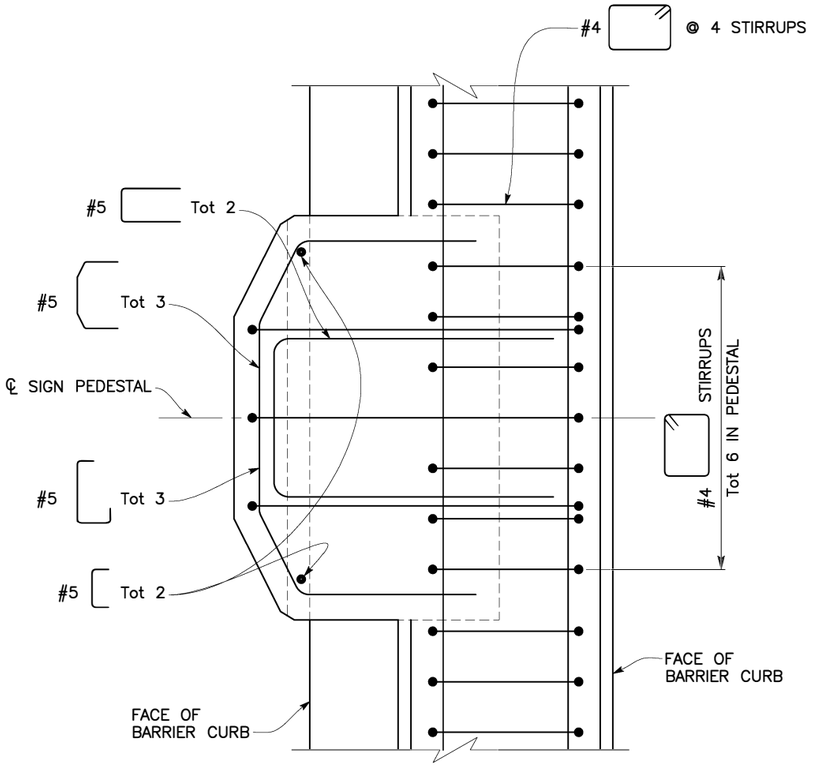
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

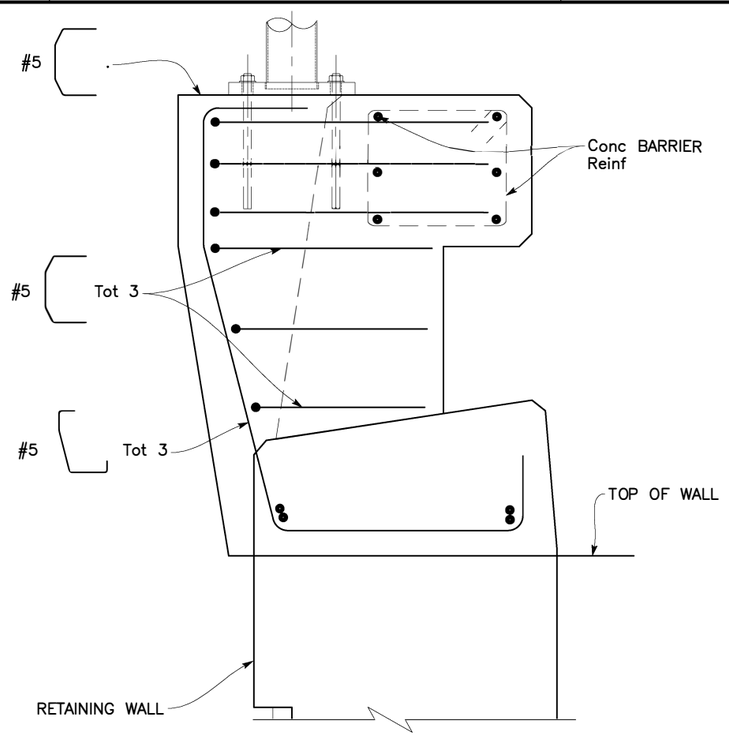
February 5, 2024
PLANS APPROVAL DATE

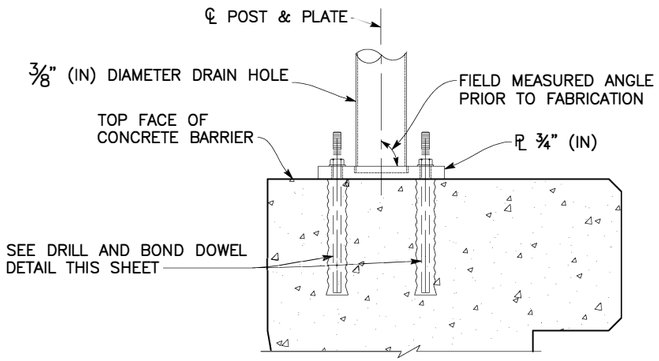
CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

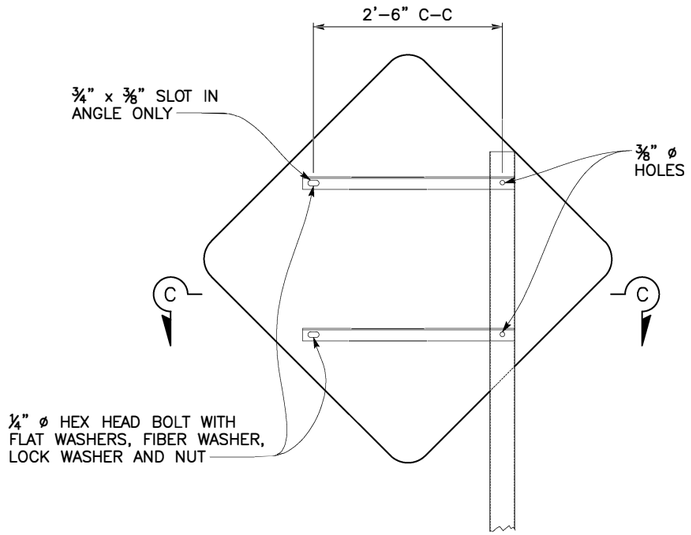




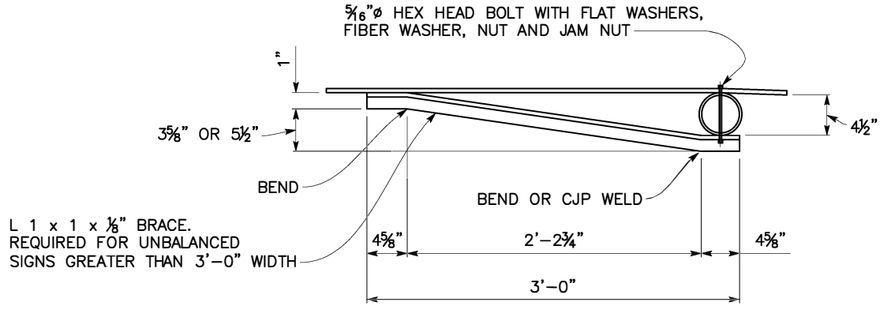


END PLATE DETAIL
2" = 1'–0"

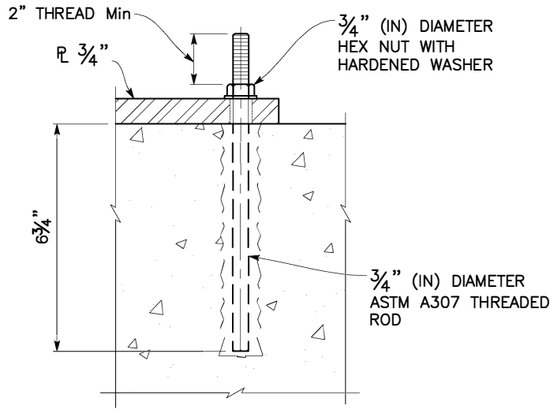
PEDESTAL REINFORCEMENT DETAIL
2" = 1'–0"
FOR REINFORCEMENT NOT SHOWN SEE B11-83



UNBALANCED
NO SCALE



SECTION C-C
NO SCALE



DRILL AND BOND DOWEL DETAIL
NO SCALE
INSTALL ANCHOR BOLT NORMAL TO CONCRETE SURFACE

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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)

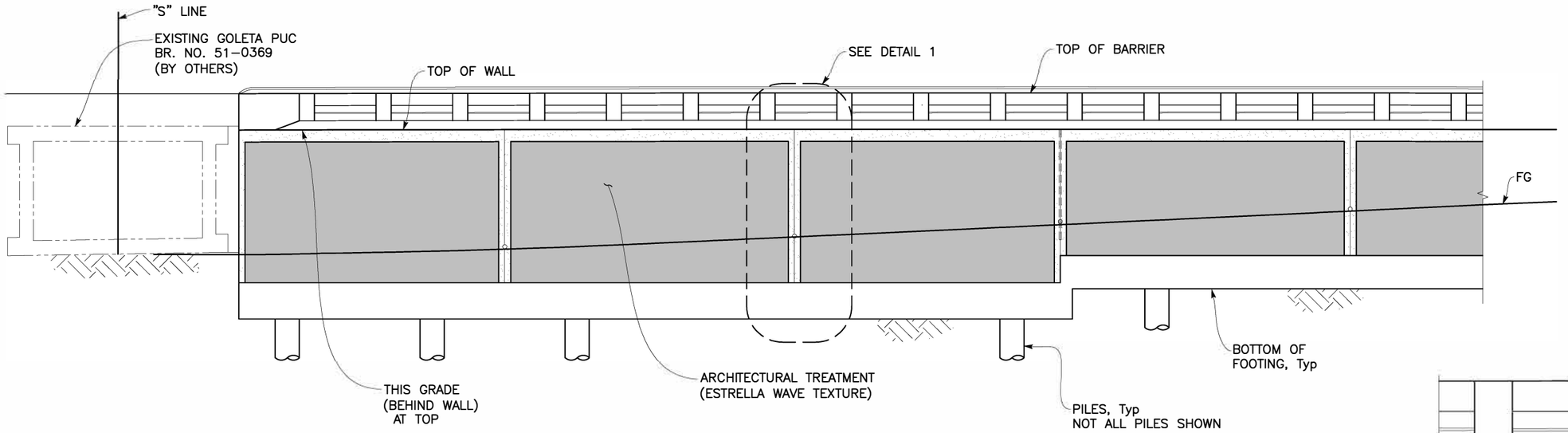
DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:23 am USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

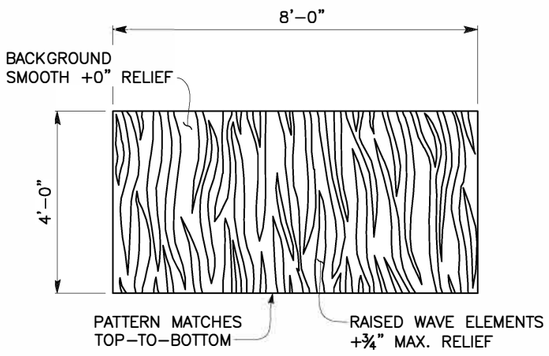
REVISION DATES				SHEET	OF
01/30/23	10/02/23	01/17/24		14	17

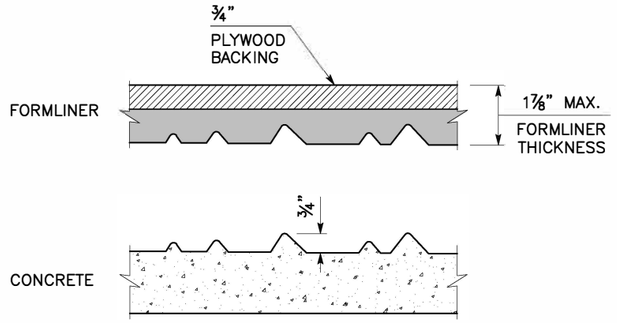
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TYPICAL PART MIRRORED ELEVATION

1" = 5'

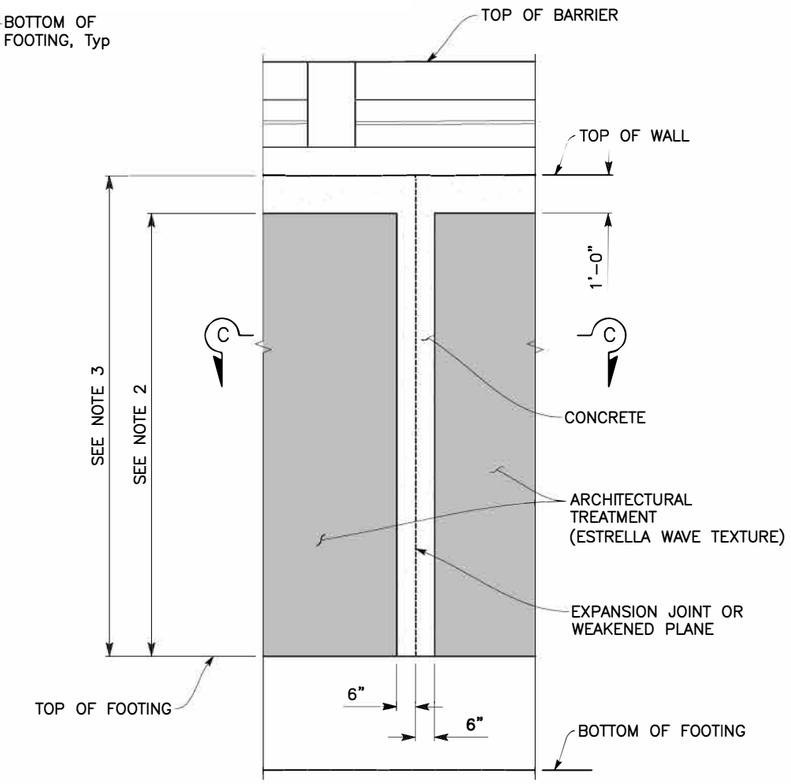




ESTRELLA WAVE TEXTURE DETAIL

NO SCALE

NOTE: Estrella Wave texture for Retaining Wall shall be oriented vertically.



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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	125	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Feb 01, 2024 TIME PLOTTED => 9:24 am 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 02/23/23 11/17/23

SHEET 15 OF 17

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	126	158

Anthony T. Dubovik 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/24 — 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

NOTES:

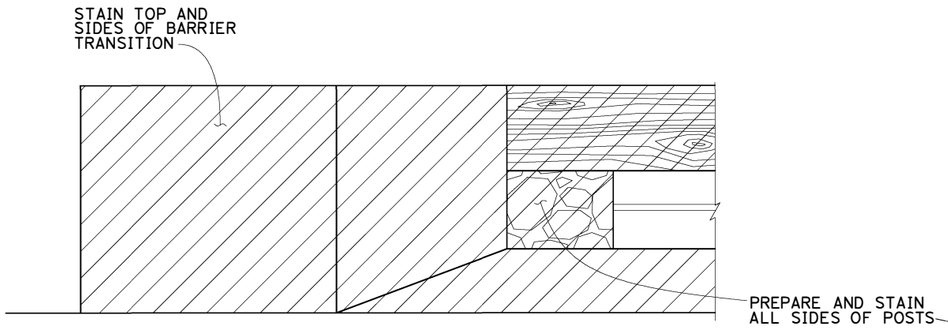
1. Random Cobble Stone Texture form liner and color to match Statuesque Referee Sample.
2. Wood Grain texture to be Rough Cut cedar wood.
3. For limits of architectural treatment, see "GENERAL PLAN NO. 1 and GENERAL PLAN NO. 2" sheets.
4. All textured surfaces of barrier rails, retaining walls shall be coated with anti–graffiti coating.

LEGEND:

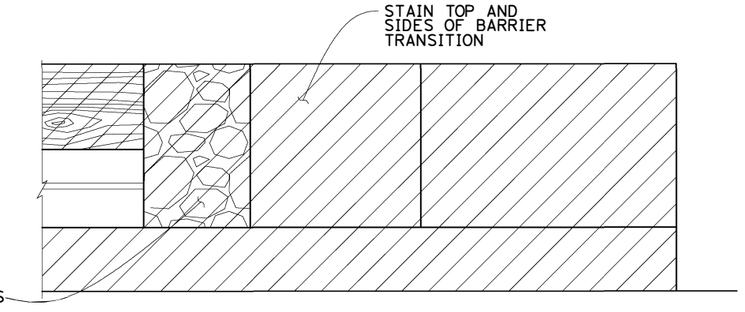
Random Cobble Stone Texture (Maximum Relief = 1.5")

Wood Grain texture (Maximum Relief = ⅛")

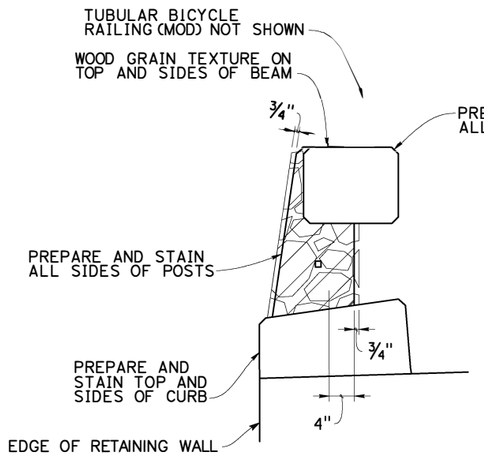
Prepare and Stain Concrete



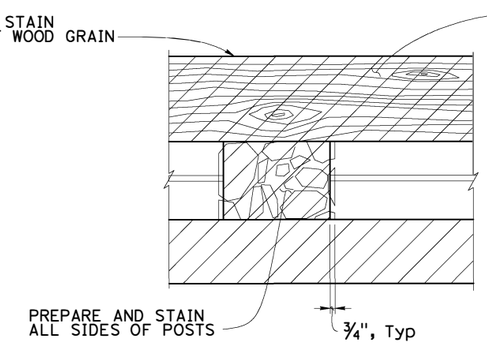
INTERIOR TRANSITION ELEVATION



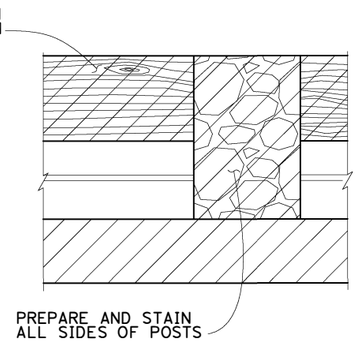
EXTERIOR TRANSITION ELEVATION



SECTION VIEW



INTERIOR ELEVATION



EXTERIOR ELEVATION

CONCRETE BARRIER TYPE 85 (MOD) ARCHITECTURAL TREATMENT DETAILS

1" = 1'–0"

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 => Feb 01, 2024 TIME PLOTTED => 9:24 am 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 16 OF 17

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	127	158

GEOTECHNICAL PROFESSIONAL — 5-18-23 DATE

February 5, 2024
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.

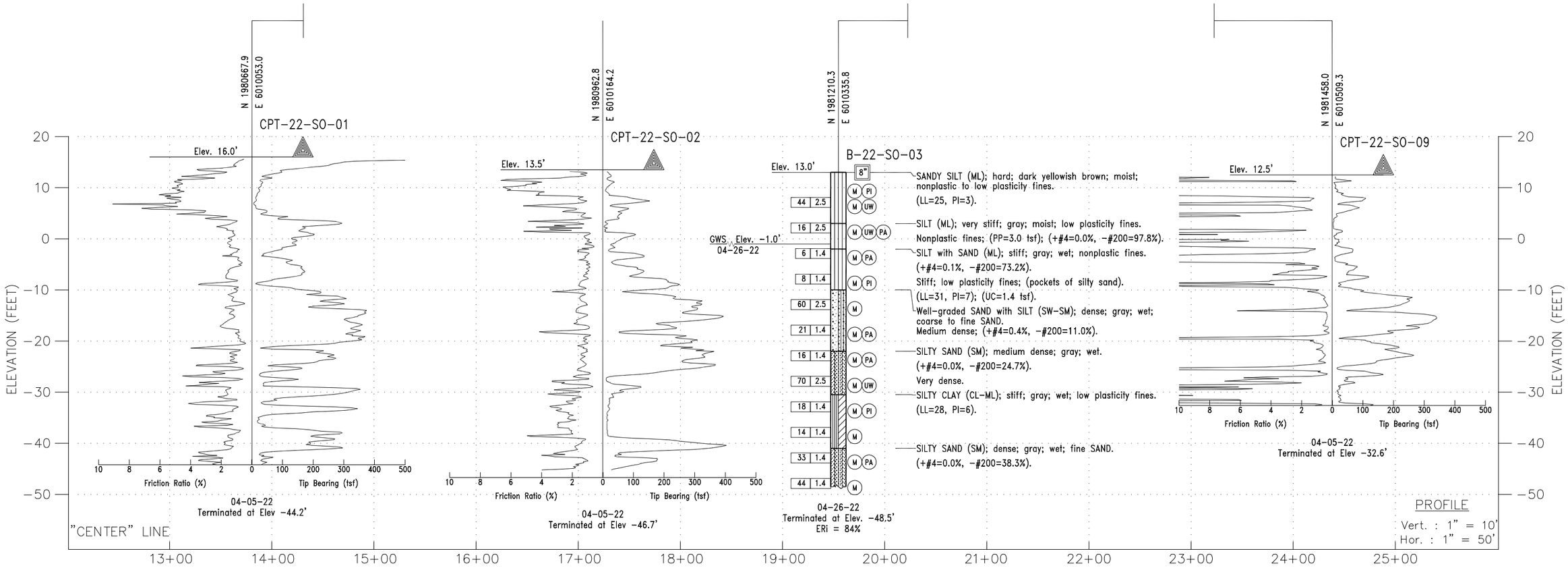
REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/25 — GEOTECHNICAL — STATE OF CALIFORNIA

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'

DESIGN OVERSIGHT: SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE	DRAWN BY: KIM OUYANG CHECKED BY: EMRE ORTAKCI	L.S. BHANGOO FIELD INVESTIGATION BY: DATE: April 2022	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO. 51E0027 POST MILES 2.1	RETAINING WALL NO. 19 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.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES

207

SHEET 17 OF 17

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	128	158

REGISTERED CIVIL ENGINEER — 1/15/24 DATE

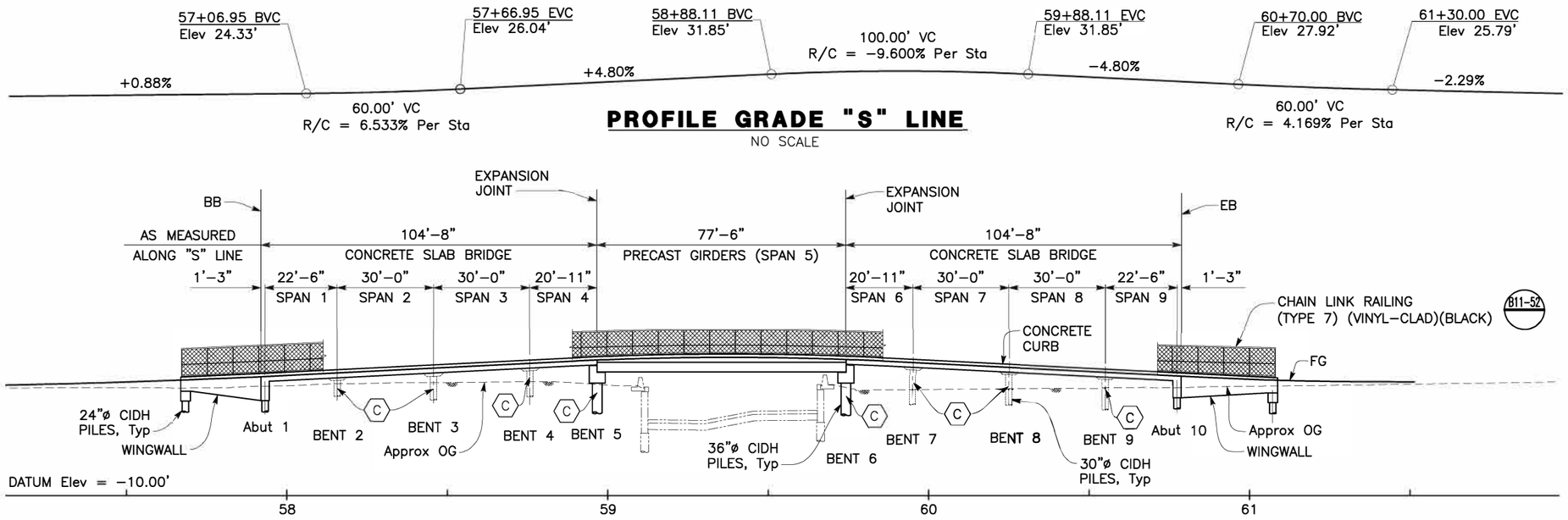
ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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

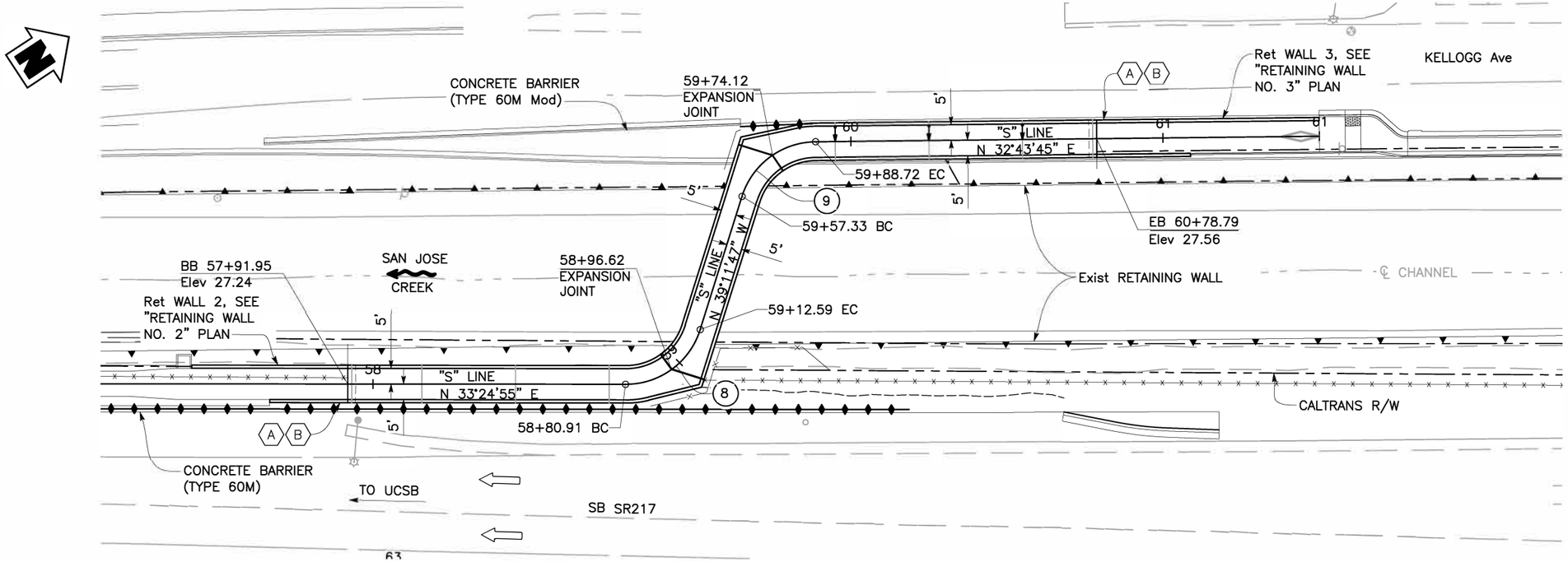


PROFILE GRADE "S" LINE

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.

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE	DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	SEISMIC ANALYSIS	BY T. DUBOVIK	CHECKED F. CASIMIRO
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	LAYOUT	BY T. DUBOVIK	CHECKED F. CASIMIRO
	QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	SPECIFICATIONS	BY K. ROSS	PLANS AND SPECS COMPARED K. ROSS

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

GENERAL PLAN NO. 1

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:45 am 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
01/30/24	02/01/24	02/11/24	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	129	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

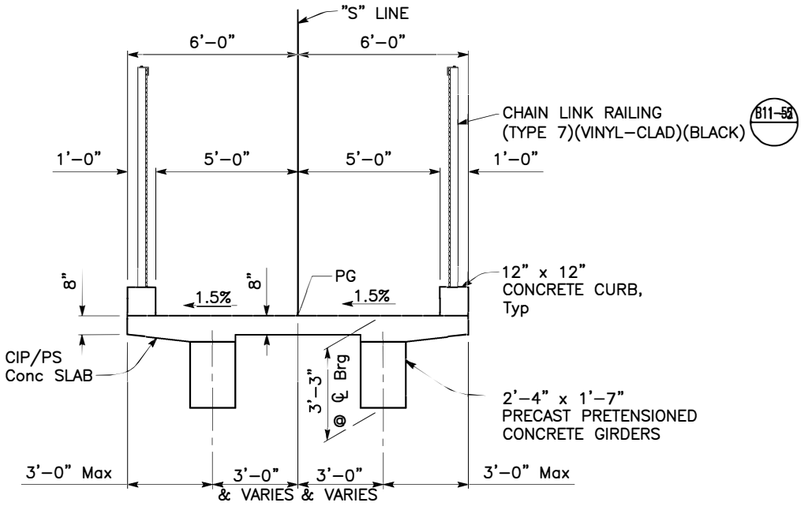
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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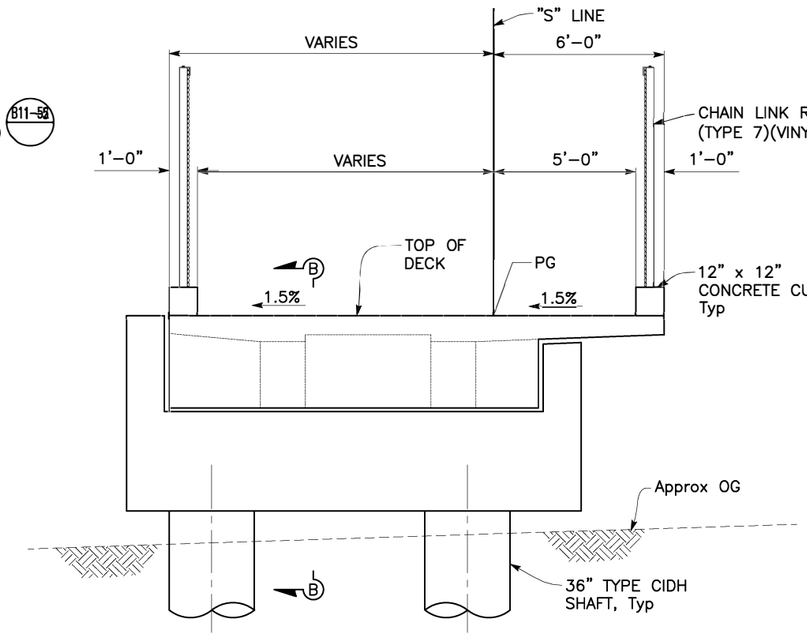
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



SECTION AT PRECAST GIRDERS

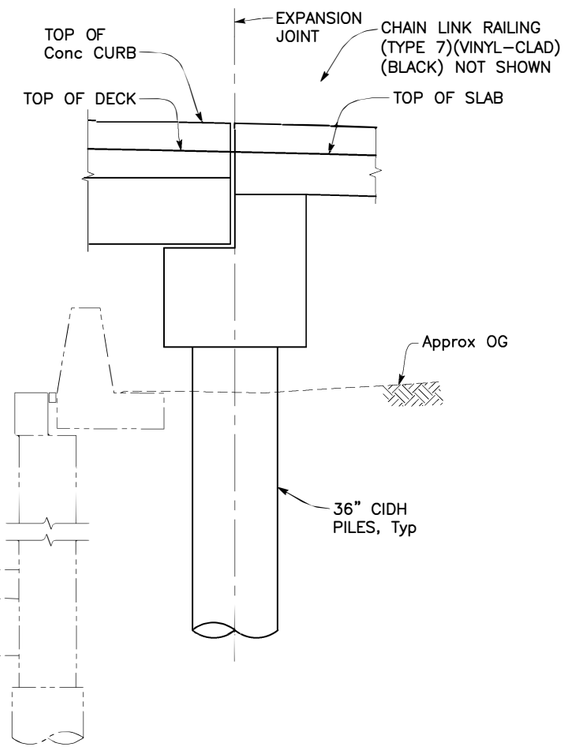
⅜" = 1'-0"



TYPICAL SECTION AT EXPANSION JOINT

⅜" = 1'-0"

(EXPANSION JOINT NORTH SHOWN, EXPANSION JOINT SOUTH SIMILAR OPPOSITE HAND)

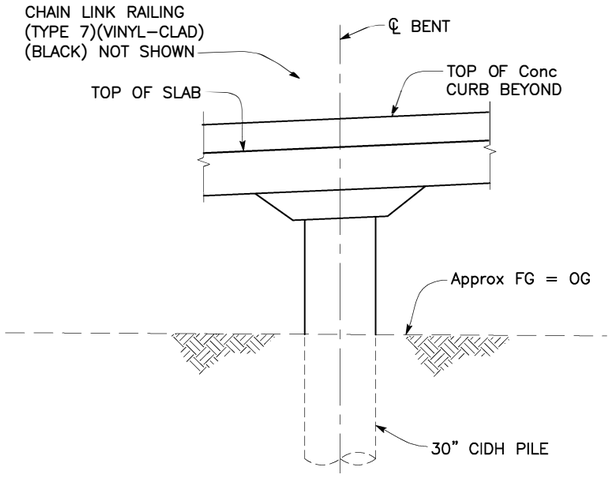


SECTION B-B

⅜" = 1'-0"

TYPICAL SECTION AT CONCRETE SLAB BRIDGE

⅜" = 1'-0"



SECTION A-A

⅜" = 1'-0"

	DESIGN	BY	CHECKED	SEISMIC ANALYSIS	BY	CHECKED
SAYGUNN LOW		F. CASIMIRO	R. PIXLEY		T. DUBOVIK	F. CASIMIRO
DESIGN OVERSIGHT	DETAILS	E. CISNEROS	F. CASIMIRO	LAYOUT	T. DUBOVIK	F. CASIMIRO
Feb. 2, 2024	QUANTITIES	F. CASIMIRO	R. PIXLEY	SPECIFICATIONS	K. ROSS	PLANS AND SPECS COMPARED K. ROSS
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

GENERAL PLAN NO. 2

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:45 am
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 01/30/2024 02/23/2024 11/7/2024

SHEET 2 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-GP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	130	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
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

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	INDEX TO PLANS
4	DECK CONTOURS
5	FOUNDATION PLAN
6	ABUTMENT 1 & 12 LAYOUT
7	ABUTMENT DETAILS NO. 1
8	ABUTMENT DETAILS NO. 2
9	ABUTMENT DETAILS NO. 3
10	BENT LAYOUT
11	BENT 5 LAYOUT
12	BENT 6 LAYOUT
13	BENT DETAILS NO. 1
14	BENT DETAILS NO. 2
15	BENT DETAILS NO. 3
16	BENT DETAILS NO. 4
17	TYPICAL SECTION NO. 1
18	TYPICAL SECTION NO. 2
19	GIRDER LAYOUT
20	GIRDER DETAILS NO. 1
21	GIRDER DETAILS NO. 2
22	SLAB DETAILS NO. 1
23	SLAB DETAILS NO. 2
24	SLAB DETAILS NO. 3
25	DECK DRAIN LAYOUT
26	DECK DRAIN DETAILS
27	RETAINING WALL NO. 2 – GENERAL PLAN
28	RETAINING WALL NO. 3 – GENERAL PLAN
29	RETAINING WALL DETAILS
30	JOINT ARMOR FOR PEDESTRIAN WALKWAYS
31	LOG OF TEST BORINGS

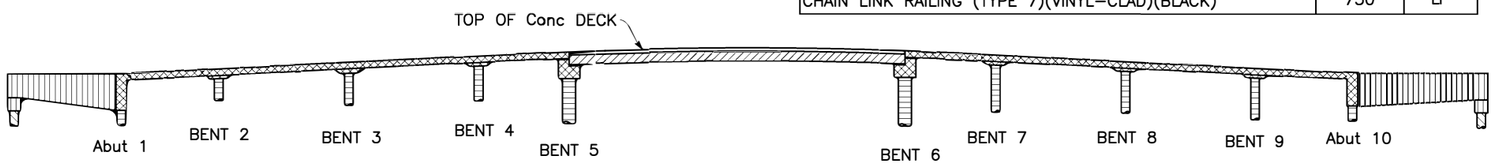
CALTRANS STANDARD PLANS DATED 2023

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)	72	LF
BAR REINFORCING STEEL (BRIDGE)	121,627	LB
BAR REINFORCING STEEL (RETAINING WALL)	30,578	LB
BAR REINFORCING STEEL (GALVANIZED)	123	LB
HEADED BAR REINFORCEMENT	120	EA
MINOR CONCRETE (SLAB)	27	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)
- Structural Concrete, Bridge (f'c = 3.6 ksi @ 28 days)

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.

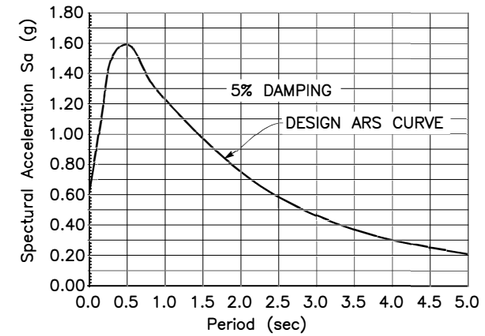
SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 2.0 April 2019.

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

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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
INDEX TO PLANS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:45 am
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 3 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–IP.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

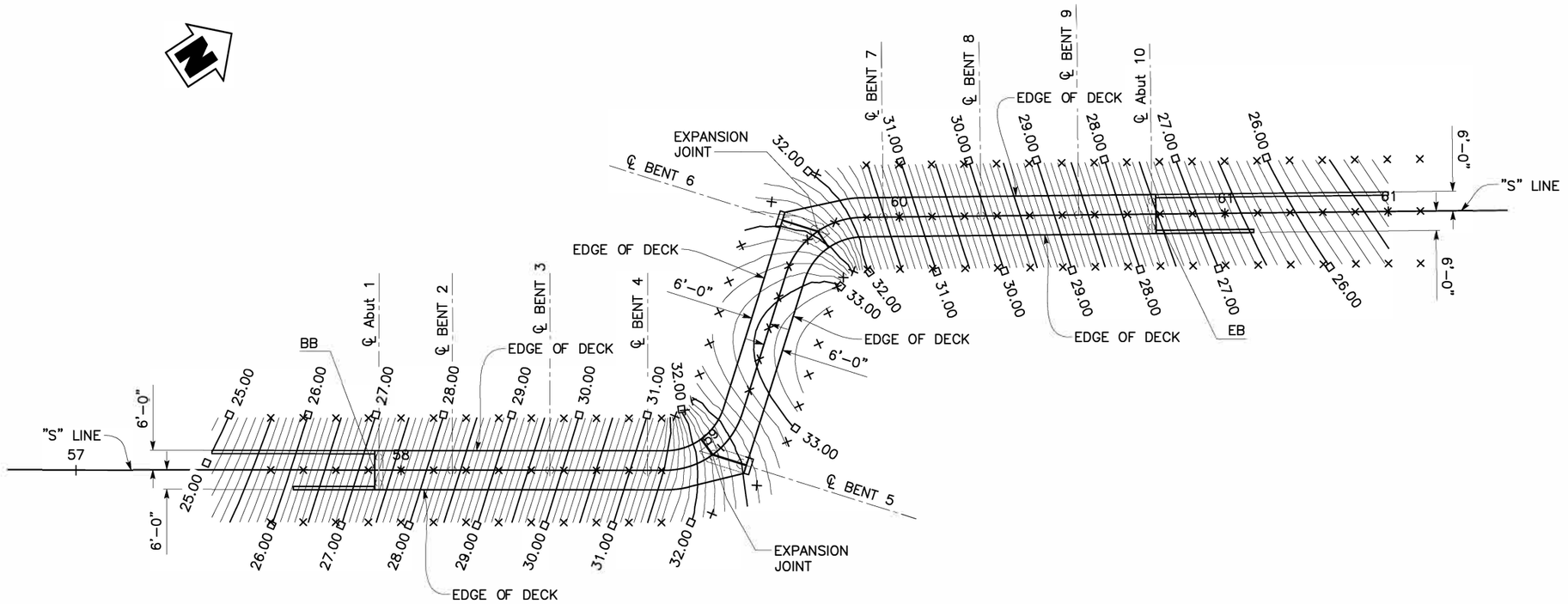
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
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



PLAN
1" = 20'

NOTES:

1. Contours do not include Camber.
2. 0.1' Contour Interval.
3. x = Indicates 10' Intervals along "S" Line.
4. □ = Indicates whole foot contours.

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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 CONTOURS**
	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 => Jan 30, 2024 TIME PLOTTED => 11:45 am 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
01/30/24 02/02/24 02/11/24	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_SEXTINT–DC.dwg

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Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

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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

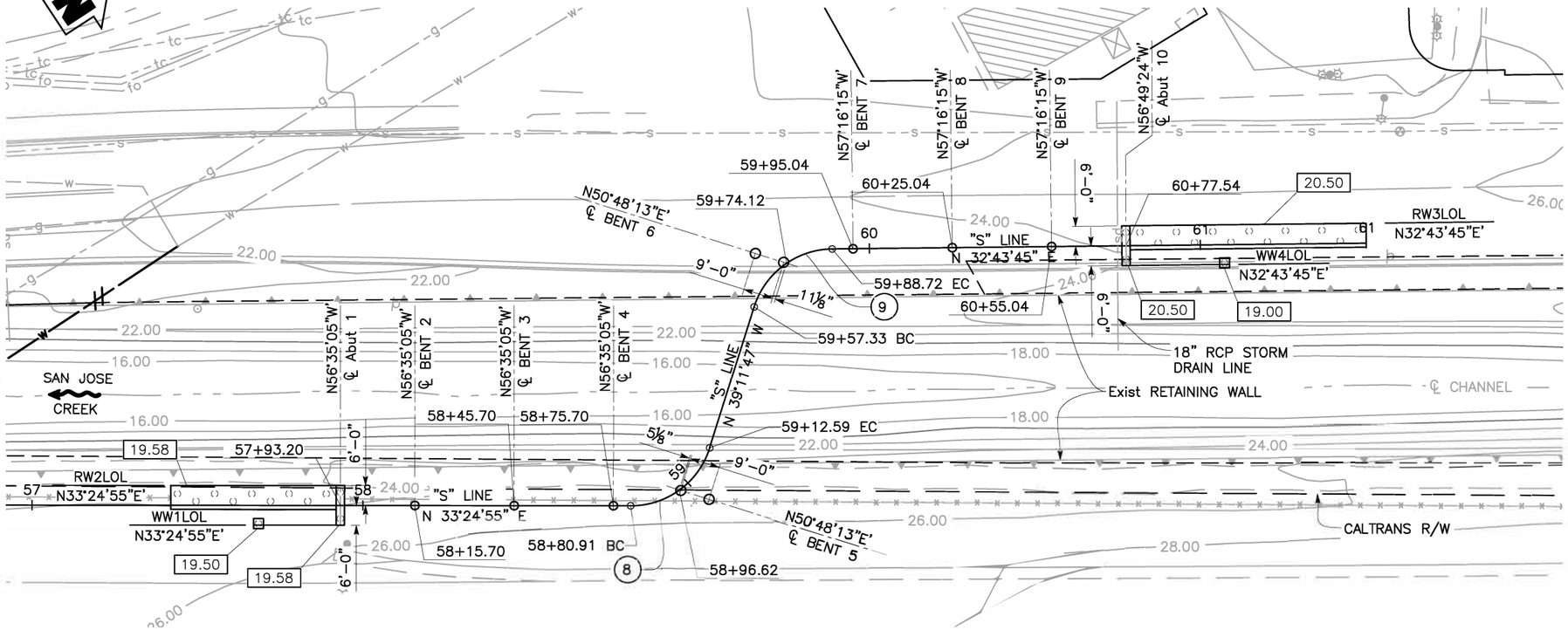
BENCH MARKS:

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.



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'

Sayguun Low
DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
SIGN OFF DATE

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REVISION 2/8/2022)

SCALE: X | VERT.DATUM: NAVD88 | HORZ.DATUM: NAD83(2014)
PHOTOGRAMMETRY AS OF: X | ALIGNMENT TIES: X
SURVEYED BY X | DRAFTED BY X
FIELD CHECKED BY X | CHECKED BY X

	BY	CHECKED
DESIGN	F. CASIMIRO	R. PIXLEY
DETAILS	E. CISNEROS	F. CASIMIRO
QUANTITIES	F. CASIMIRO	R. PIXLEY

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:46 am USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PREPARED FOR THE
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS

ANTHONY DUBOVIK II
PROJECT ENGINEER

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

BRIDGE No. 51–0370
POST MILE 1.92

GOLETA POC
FOUNDATION PLAN

DISREGARD PRINTS BEARING EARLIER REVISION DATES →
REVISION DATES (1/30/24) (02/23/24) (11/17/24)

SHEET	OF
5	31

212

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

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Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

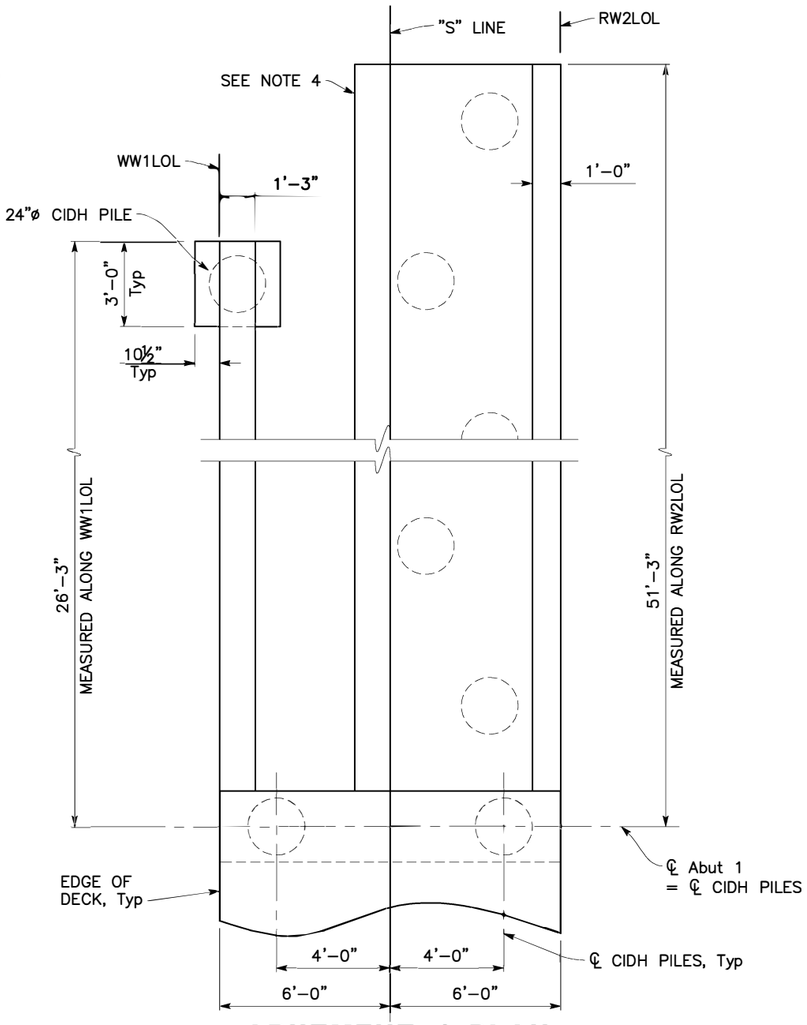
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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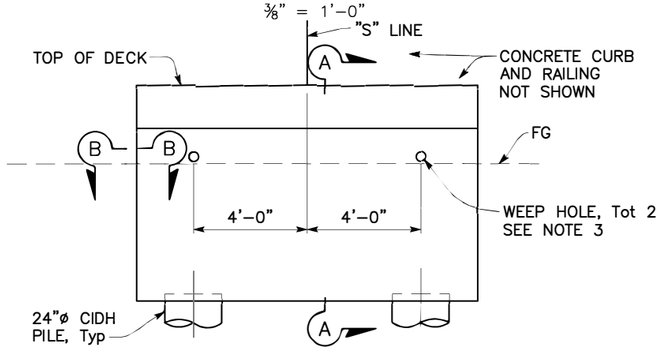
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



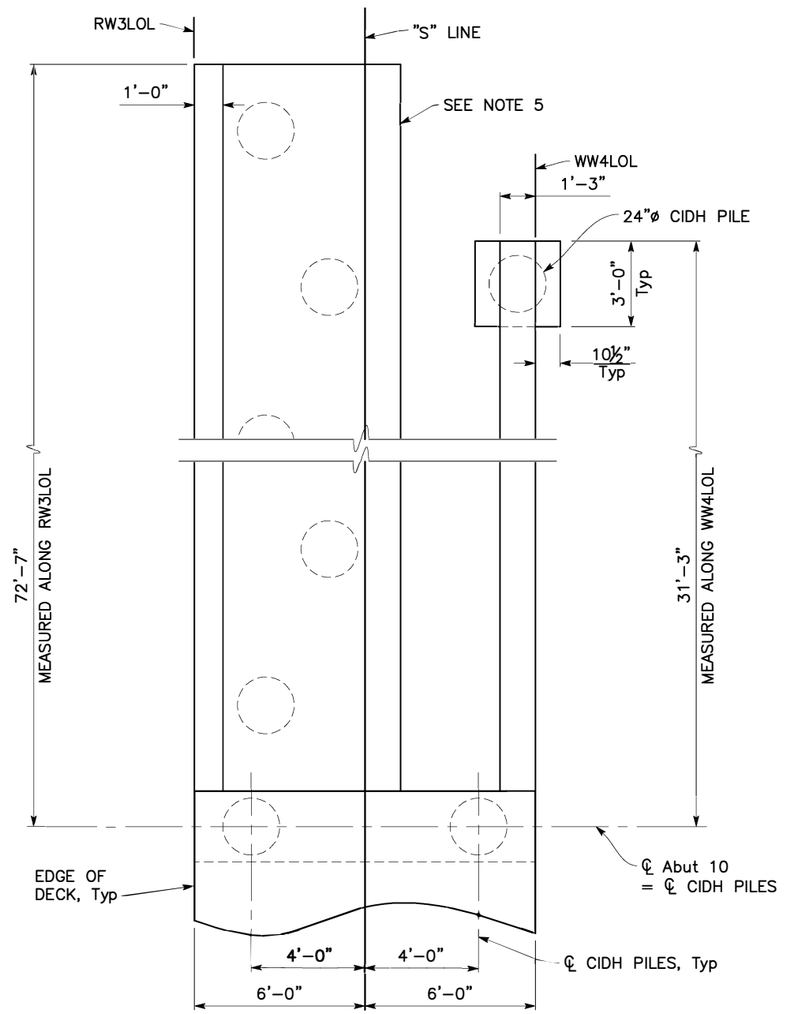
ABUTMENT 1 PLAN

⅜" = 1'–0"



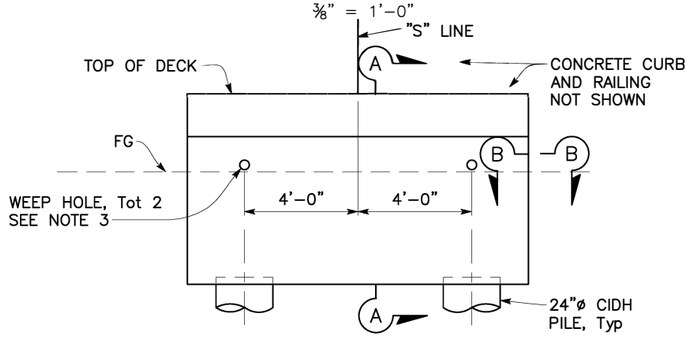
ABUTMENT 1 ELEVATION

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.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 => Jan 30, 2024 TIME PLOTTED => 11:46 am 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

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REVISION DATES 01/30/23 10/02/23 11/17/23

SHEET	OF
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	134	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

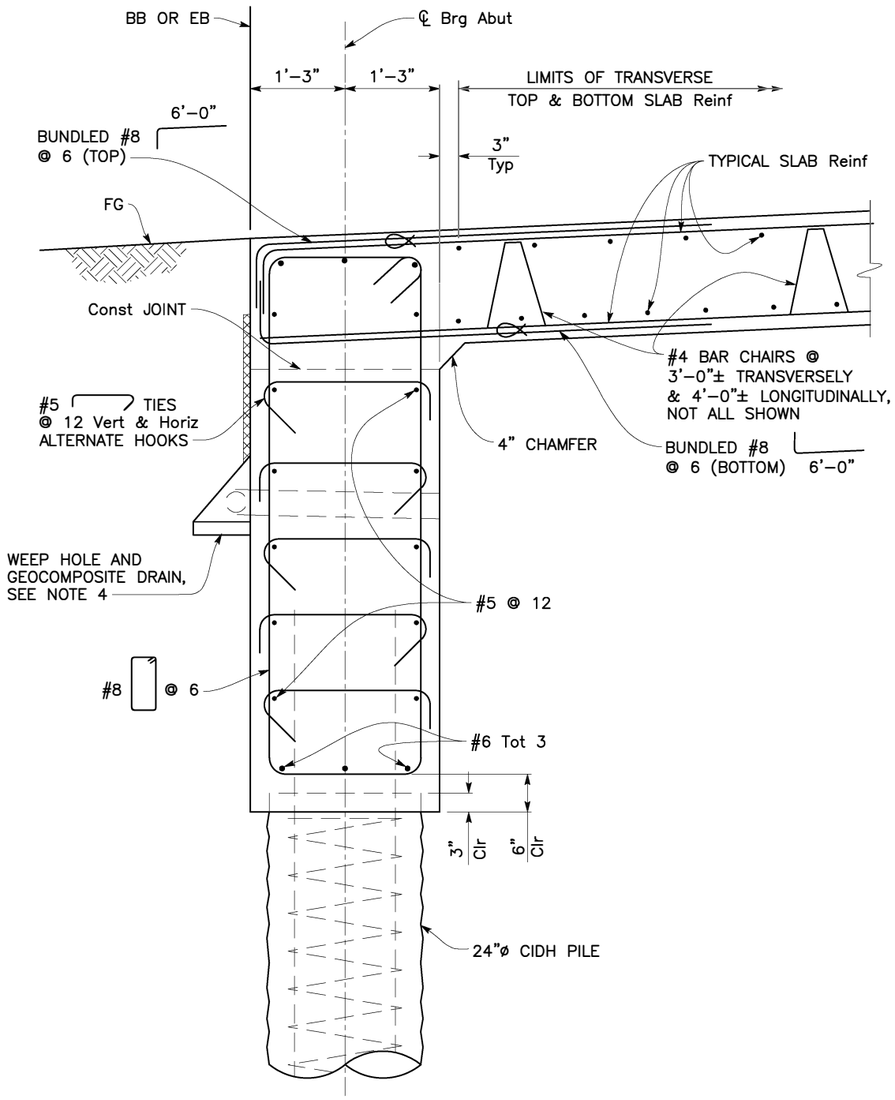
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

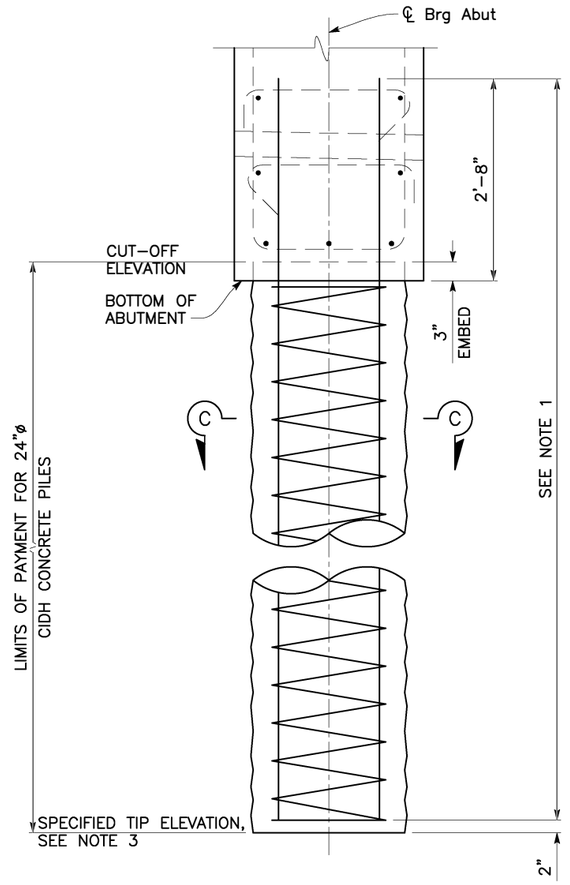
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

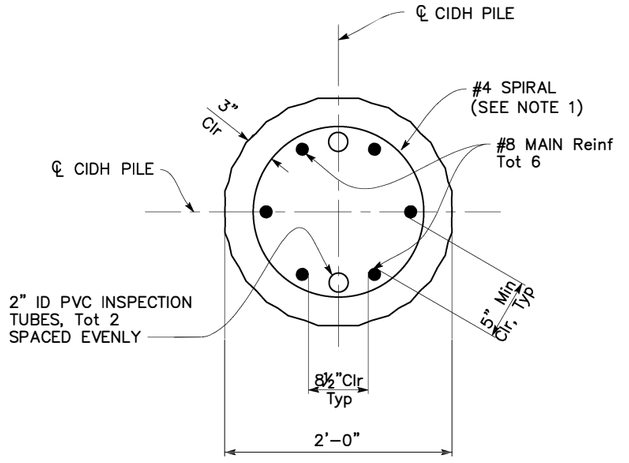
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



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. 5" sheet.

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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 => Jan 30, 2024
TIME PLOTTED => 11:46 am
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 7 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–AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	135	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

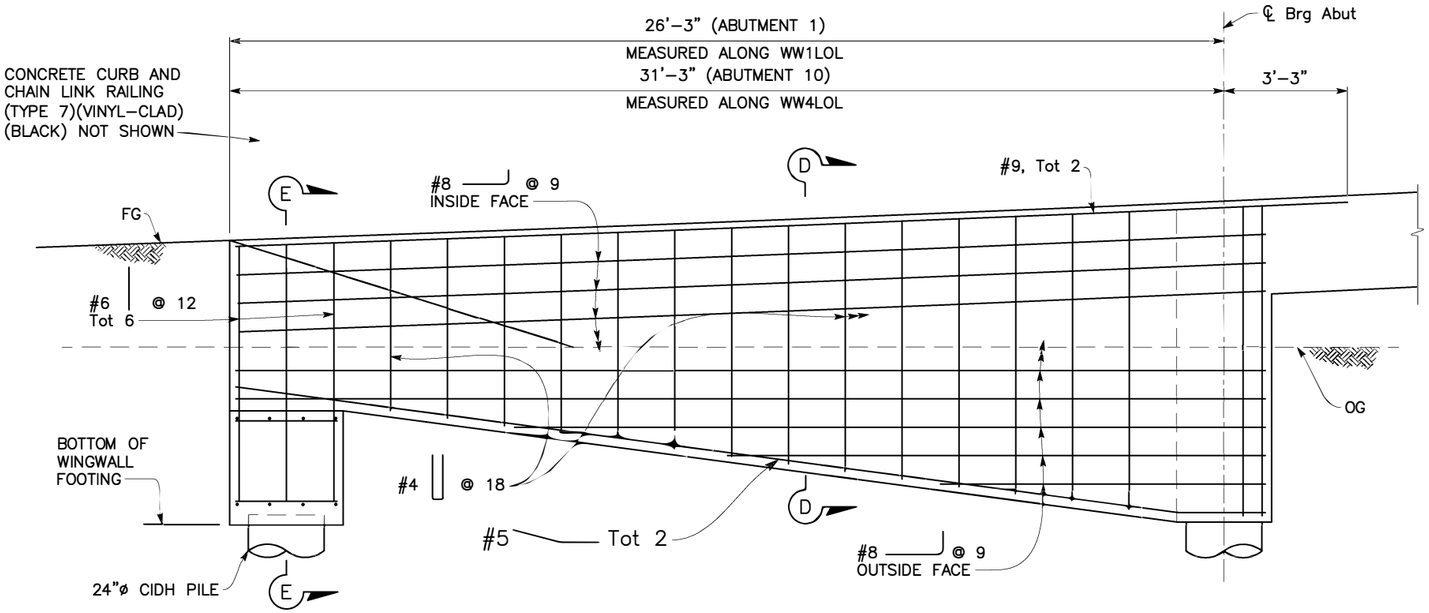
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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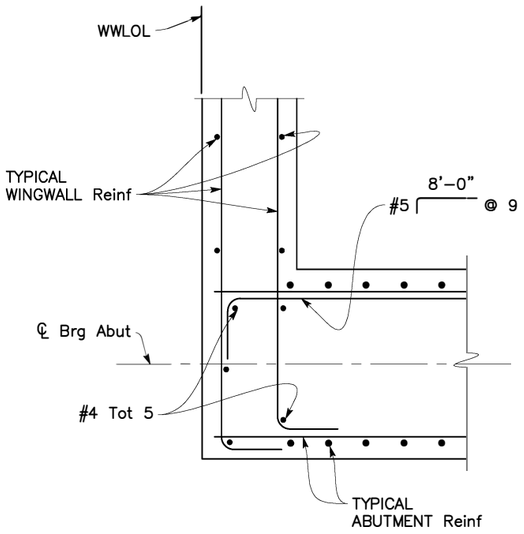
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



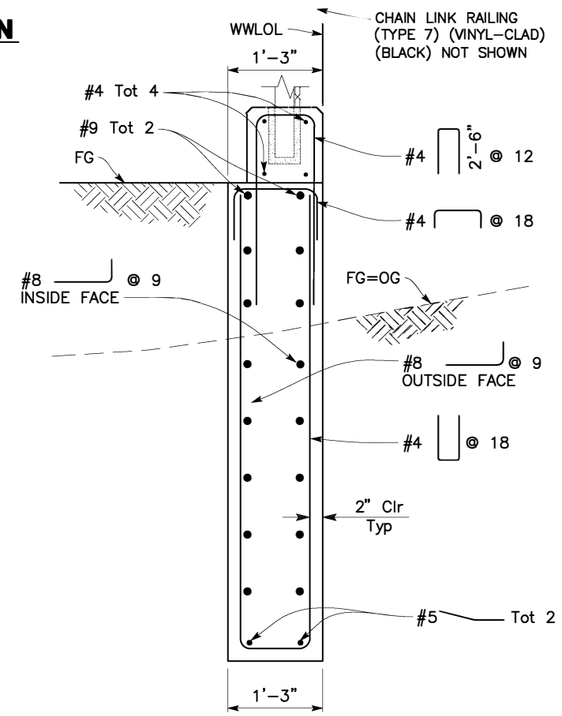
TYPICAL WINGWALL ELEVATION

3/8" = 1'-0"



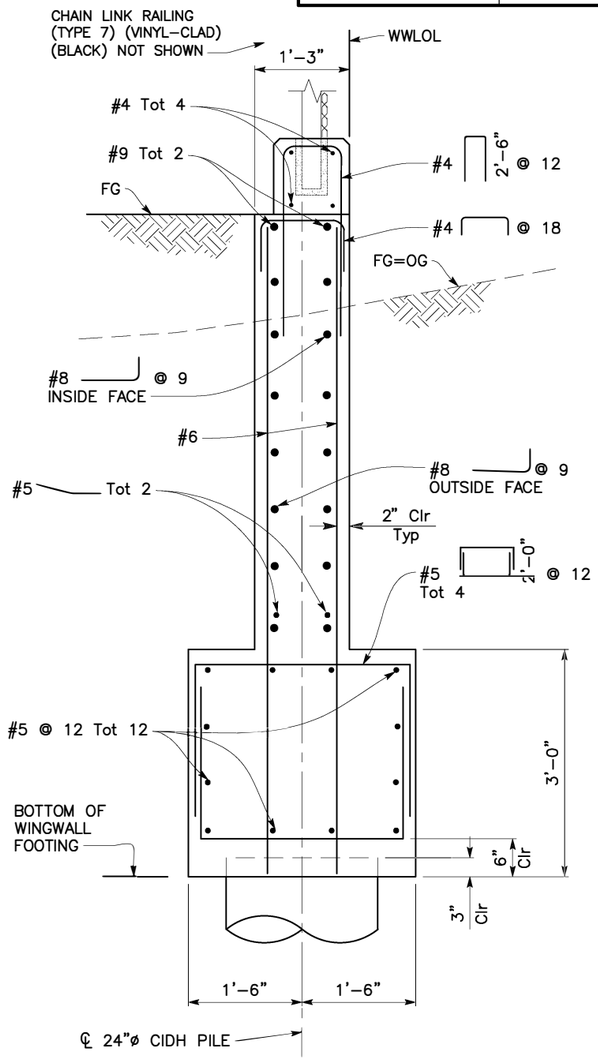
SECTION B-B

1" = 1'-0"



SECTION D-D

1" = 1'-0"



SECTION E-E

1" = 1'-0"

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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 **ABUTMENT DETAILS NO. 2**
	DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO				
	QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY				

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/15/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:46 am 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 10/27/23 1/17/24

SHEET 8 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-AL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	136	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

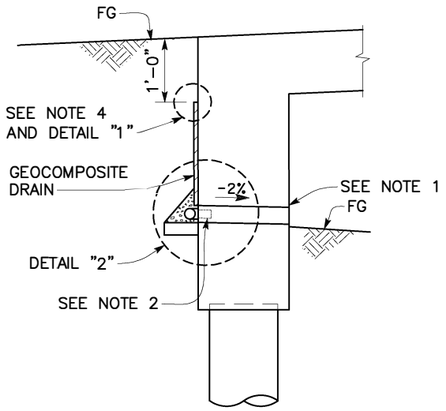
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

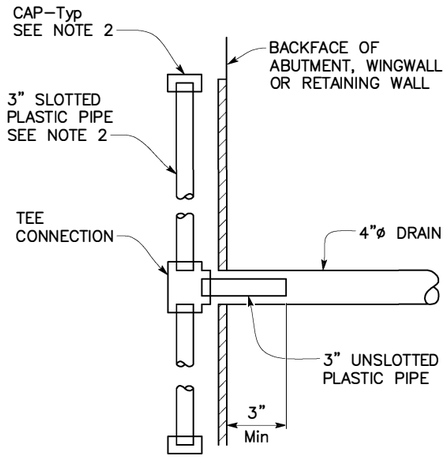
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

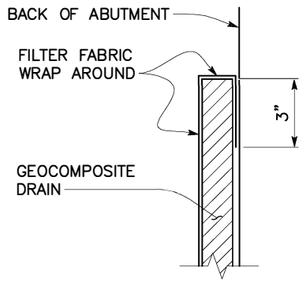
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



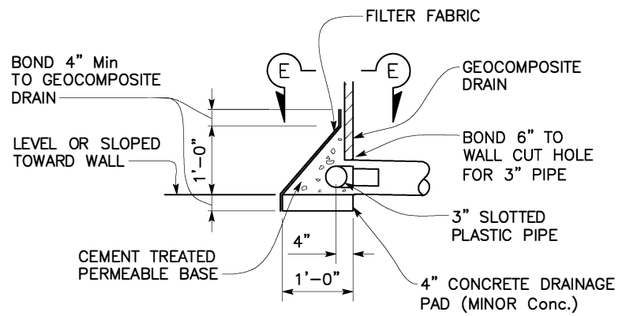
ABUTMENT SECTION



SECTION E-E



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.
4. Begin geocomposite drain at bottom of XXX.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 8/15/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:46 am 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
01/30/24	10/27/23	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	137	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

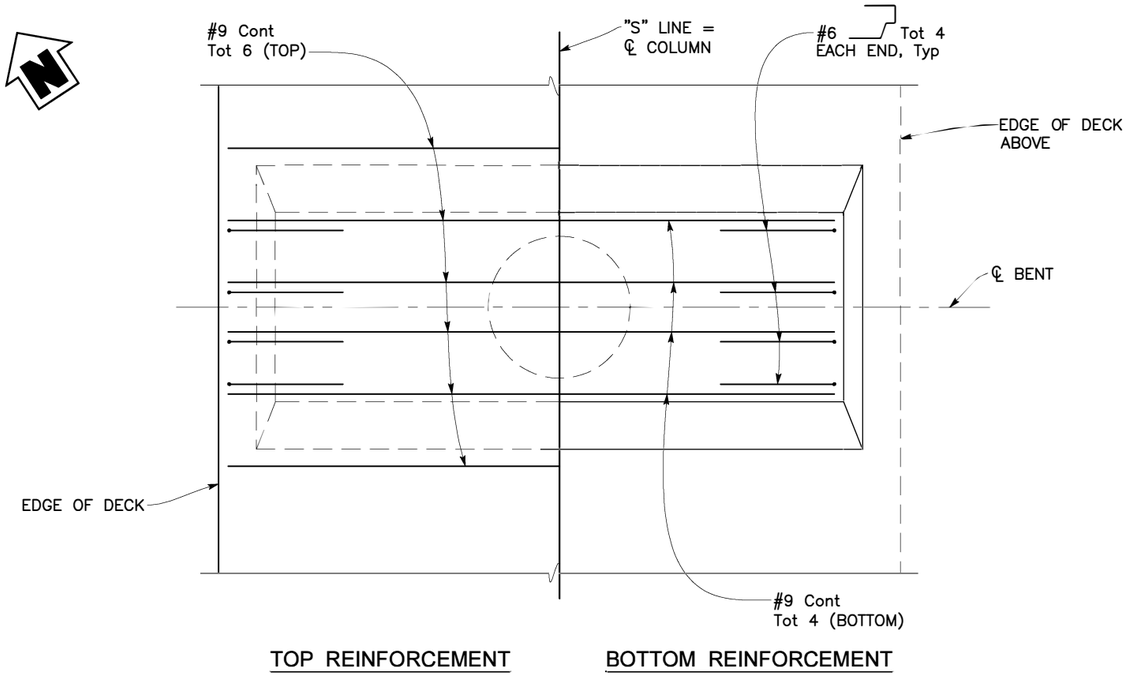
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

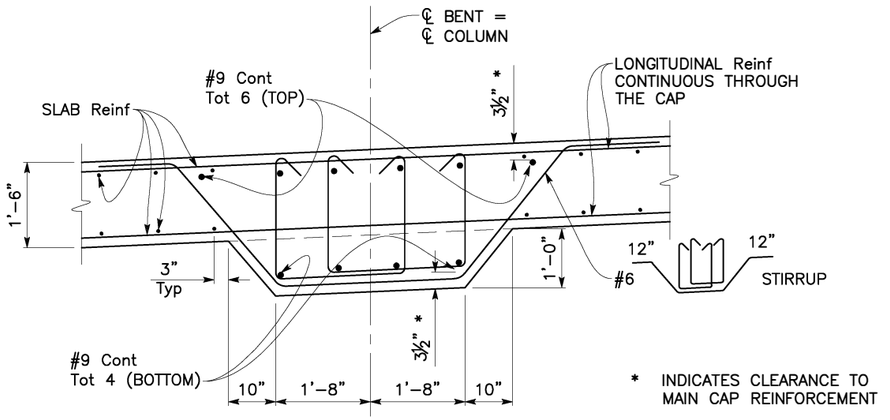
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

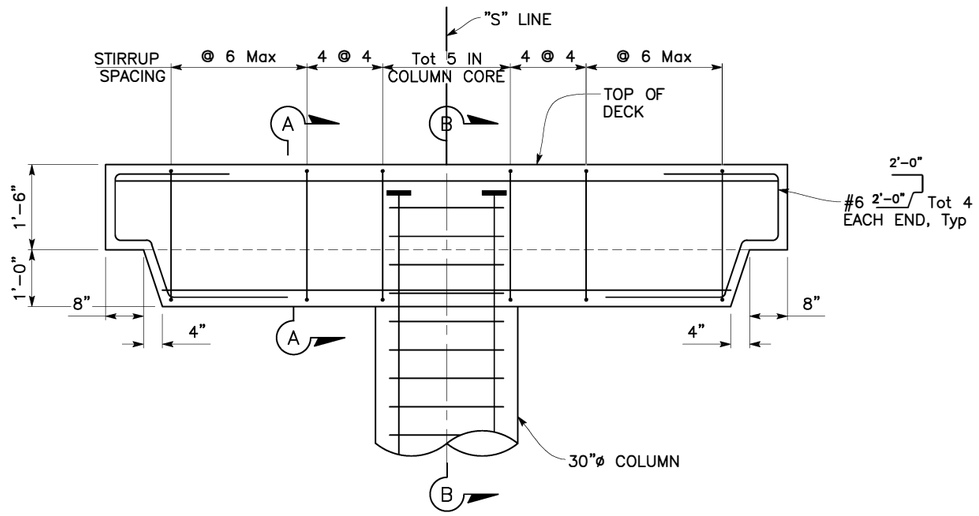
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



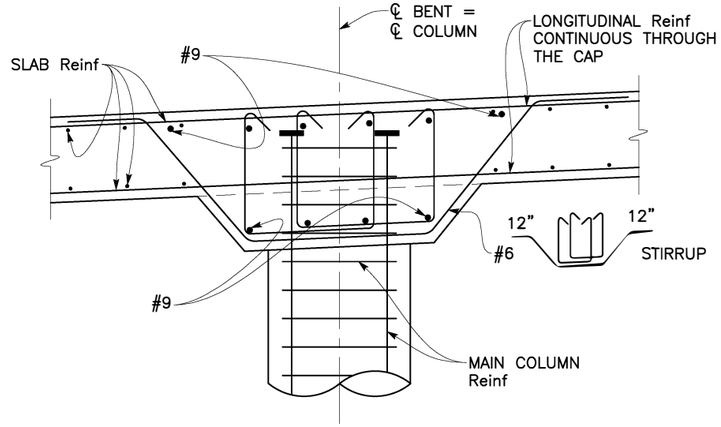
PLAN
¾" = 1'–0"
(BENT 2 SHOWN, BENTS 3, 4, 7, 8 & 9 SIMILAR)



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"

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:47 am 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 10/27/23 11/17/23

SHEET 10 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–BL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	138	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

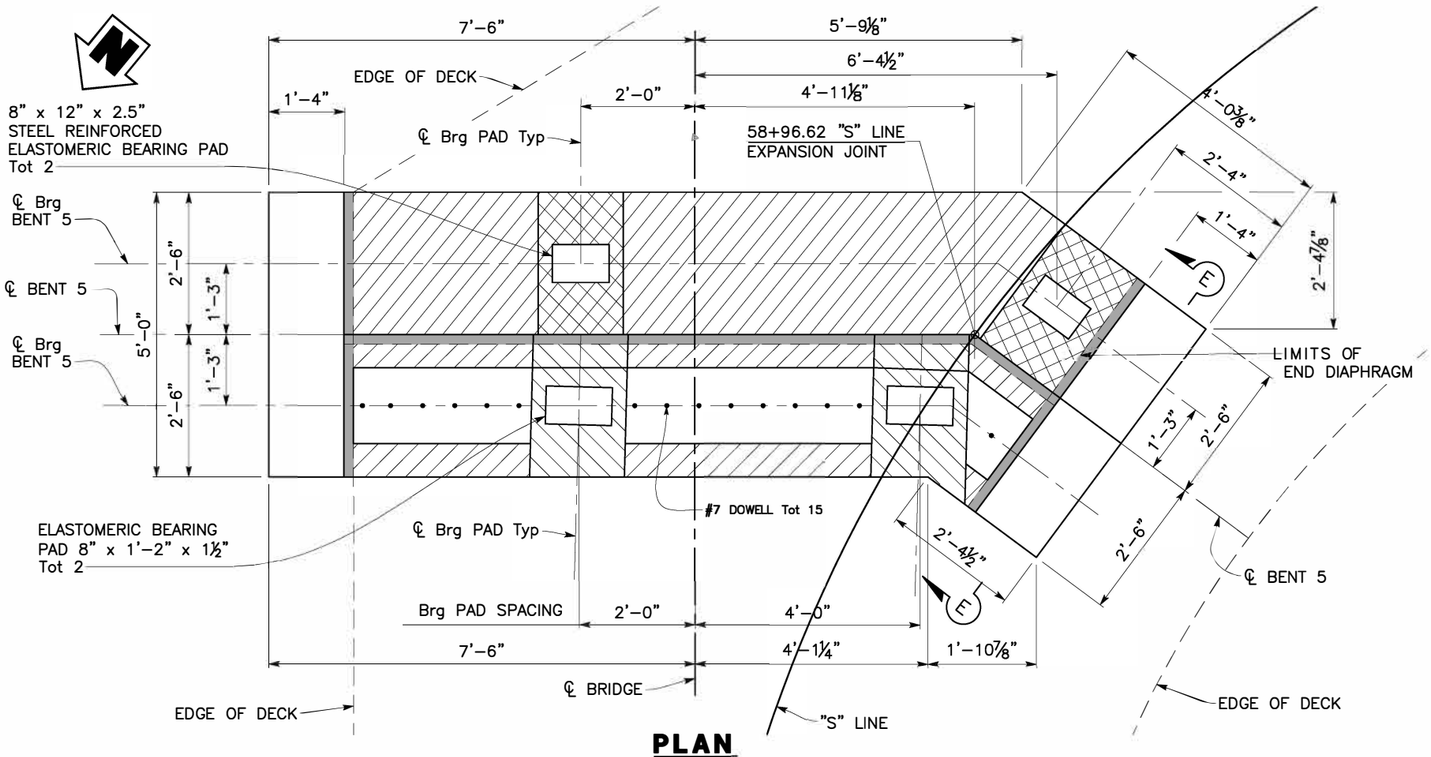
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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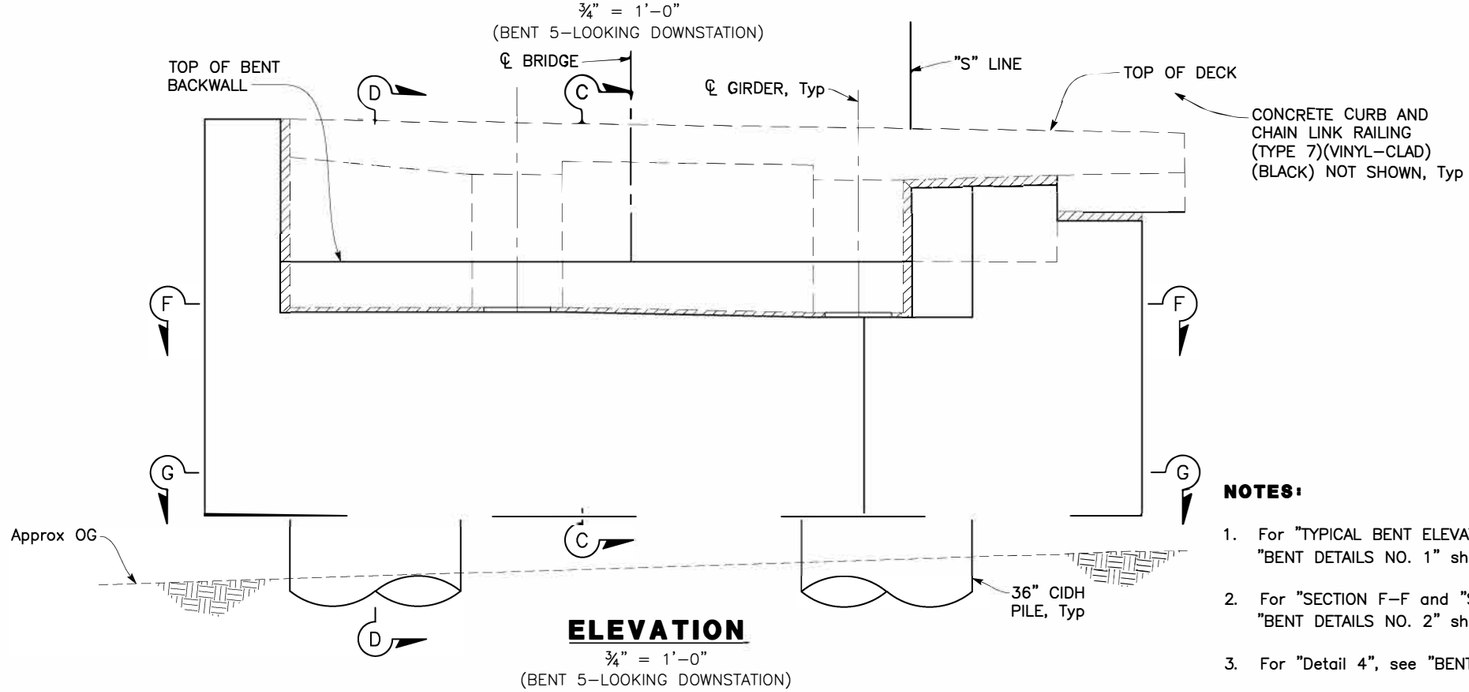
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



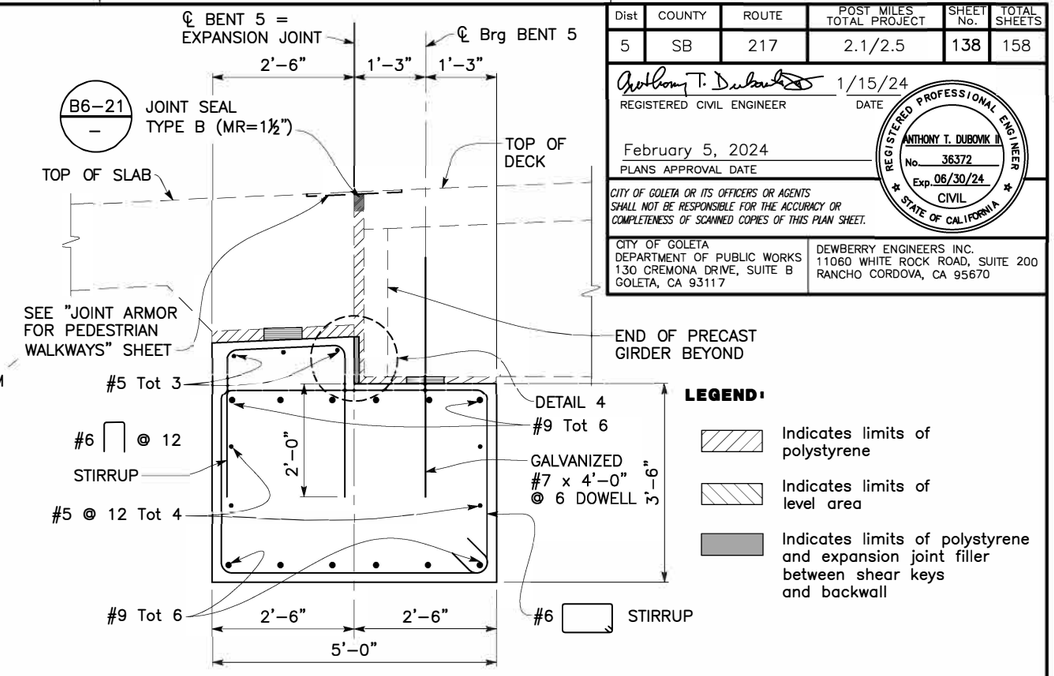
PLAN

¾" = 1'-0"
(BENT 5–LOOKING DOWNSTATION)



ELEVATION

¾" = 1'-0"
(BENT 5–LOOKING DOWNSTATION)

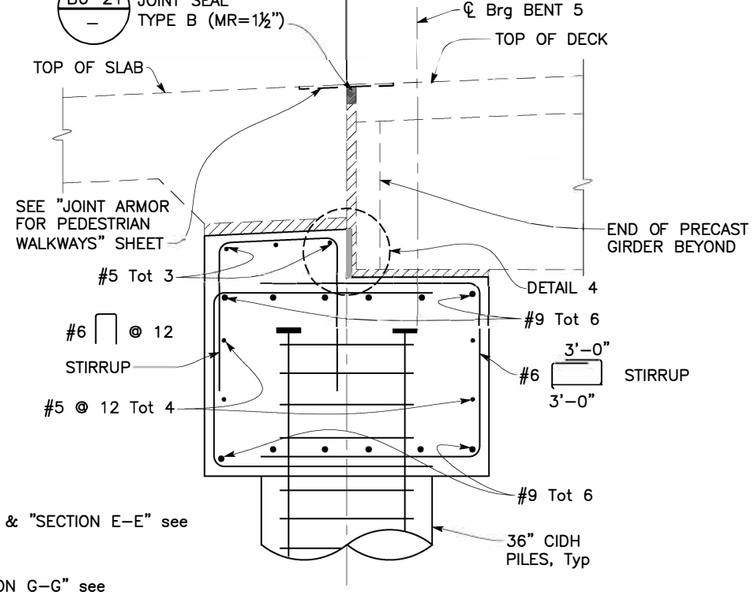


LEGEND:

- Indicates limits of polystyrene
- Indicates limits of level area
- Indicates limits of polystyrene and expansion joint filler between shear keys and backwall

SECTION C-C

¾" = 1'-0"



SECTION D-D

¾" = 1'-0"

NOTES:

1. For "TYPICAL BENT ELEVATION" & "SECTION E–E" see "BENT DETAILS NO. 1" sheet.
2. For "SECTION F–F and "SECTION G–G" see "BENT DETAILS NO. 2" sheet.
3. For "Detail 4", see "BENT DETAILS NO. 4" sheet.

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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)

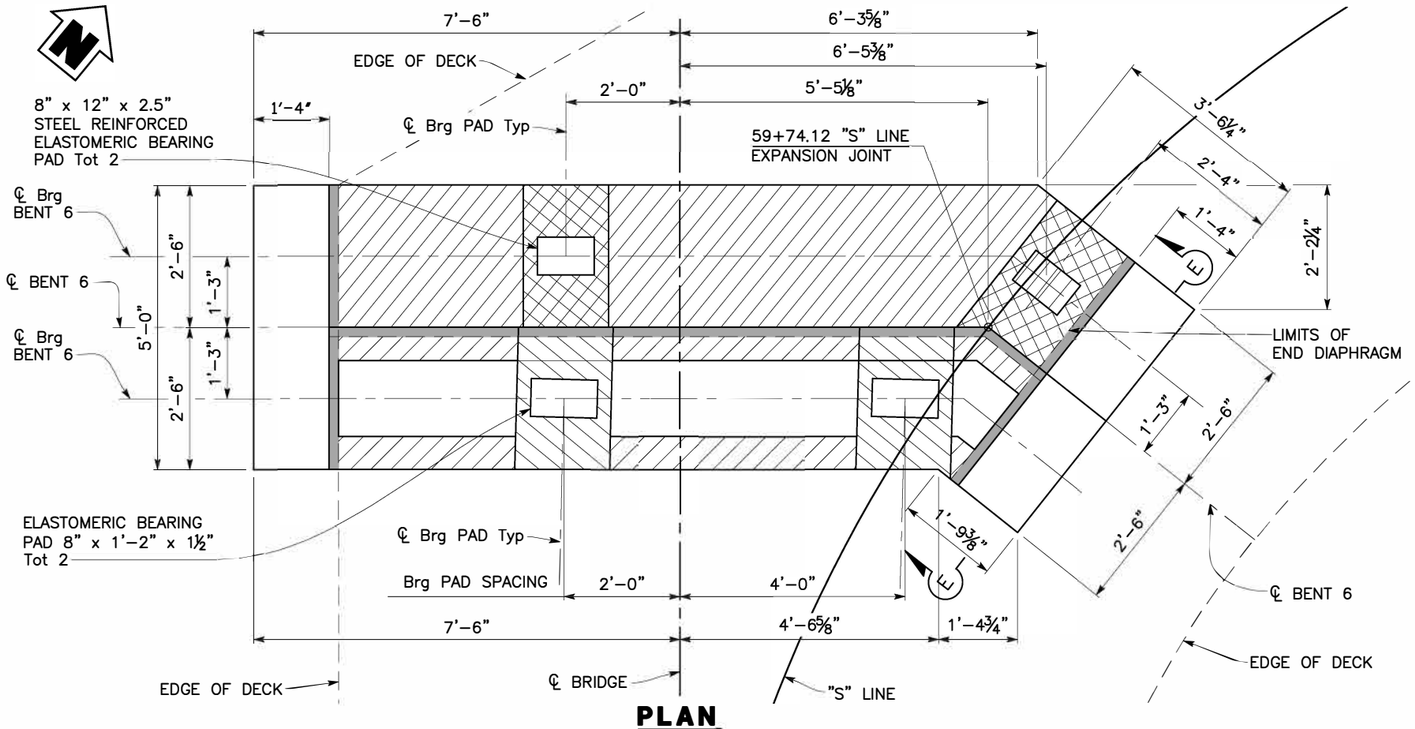
DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:47 am USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →
REVISION DATES: 01/30/24 10/02/23 11/17/23

SHEET 11 OF 31

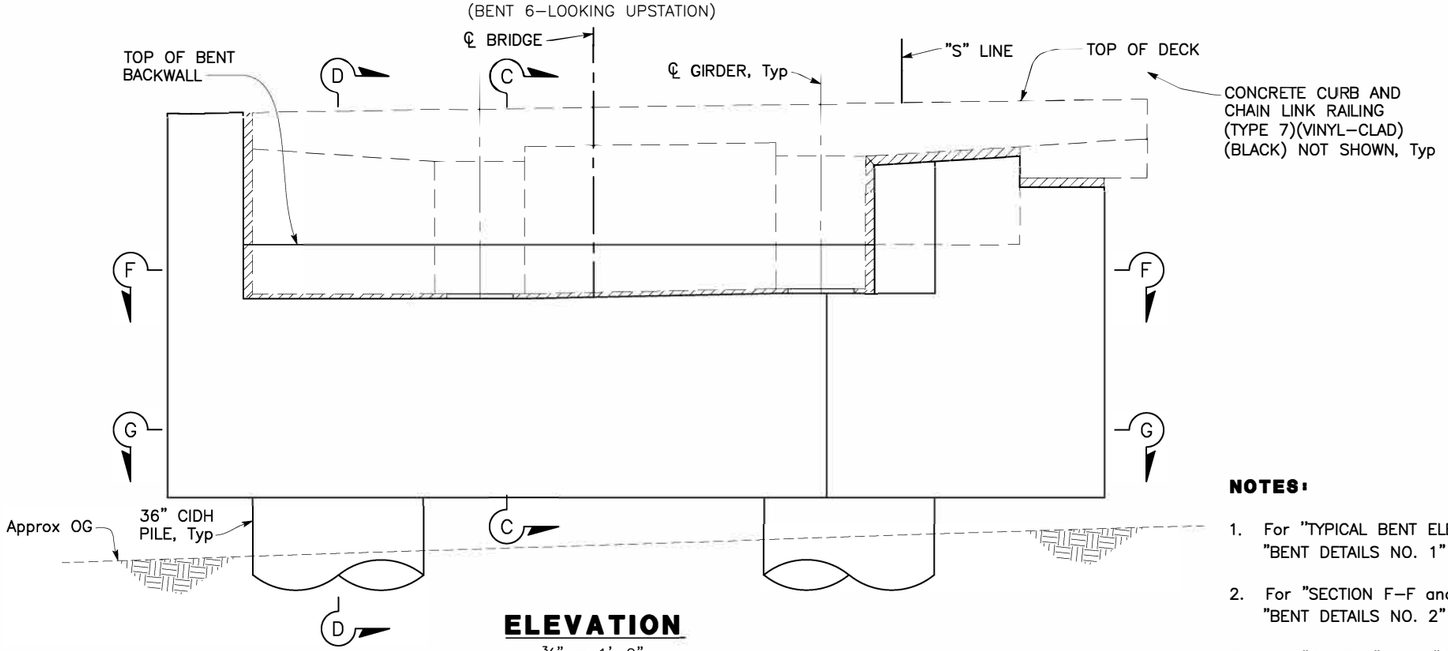
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PLAN

¾" = 1'-0"

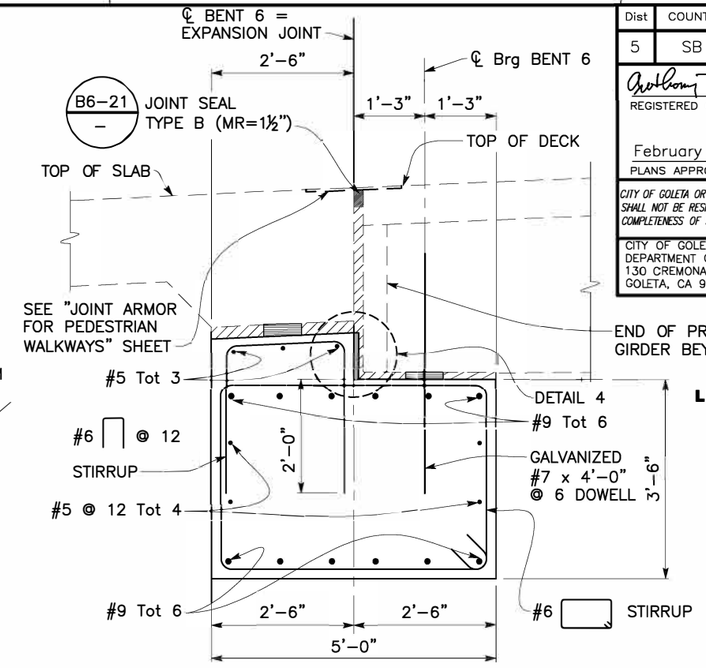
(BENT 6–LOOKING UPSTATION)



ELEVATION

¾" = 1'-0"

(BENT 6–LOOKING UPSTATION)

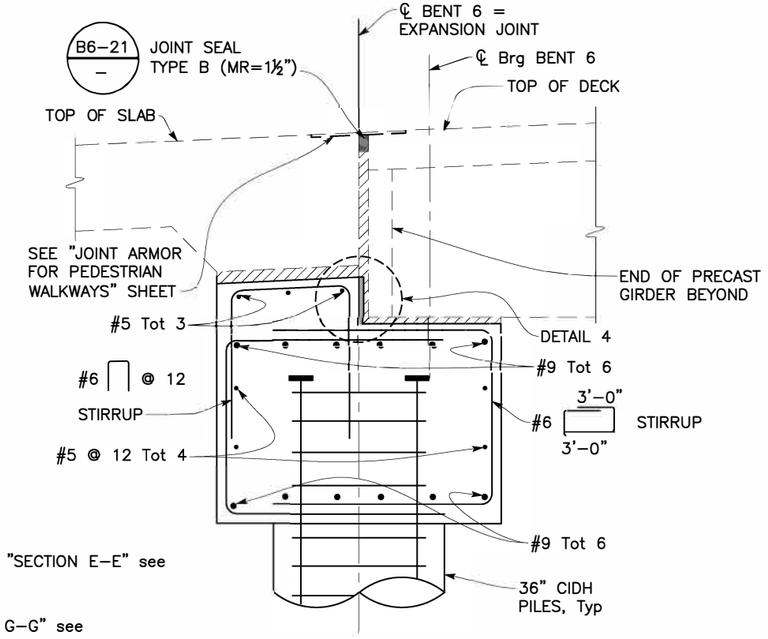


SECTION C-C

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



SECTION D-D

¾" = 1'-0"

NOTES:

1. For "TYPICAL BENT ELEVATION" & "SECTION E–E" see "BENT DETAILS NO. 1" sheet.
2. For "SECTION F–F and "SECTION G–G" 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	139	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
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

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 6 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:47 am 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
01/30/24	02/02/24	02/05/24	1772	12	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-B6L.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	140	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

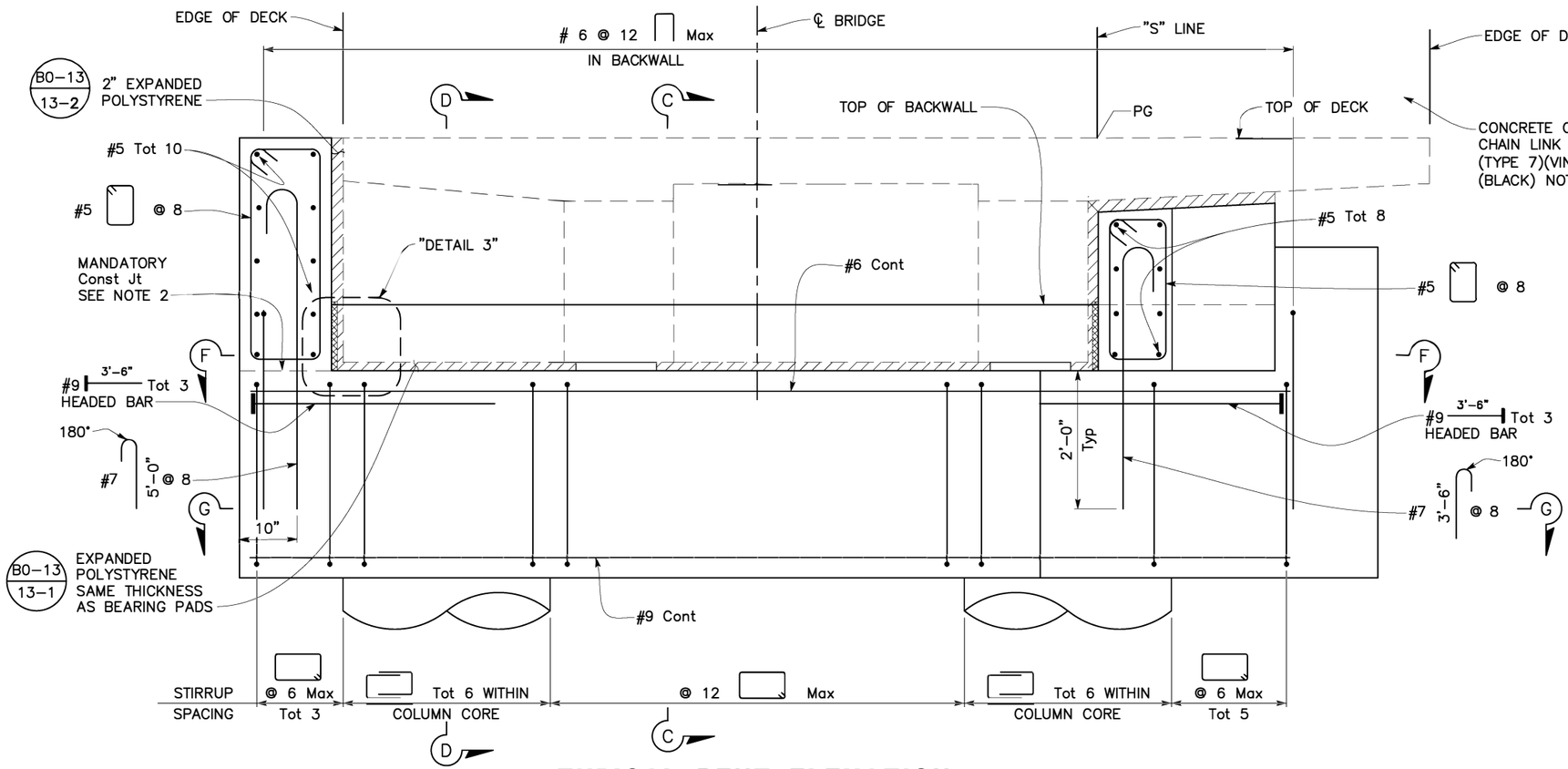
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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.

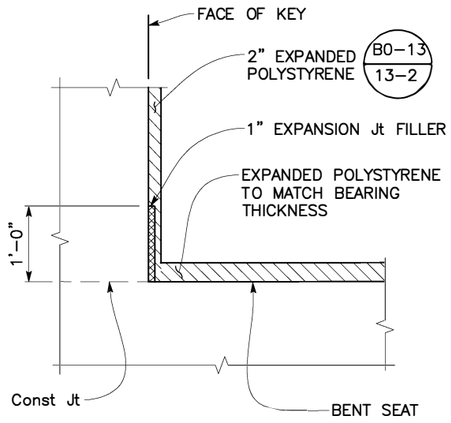
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



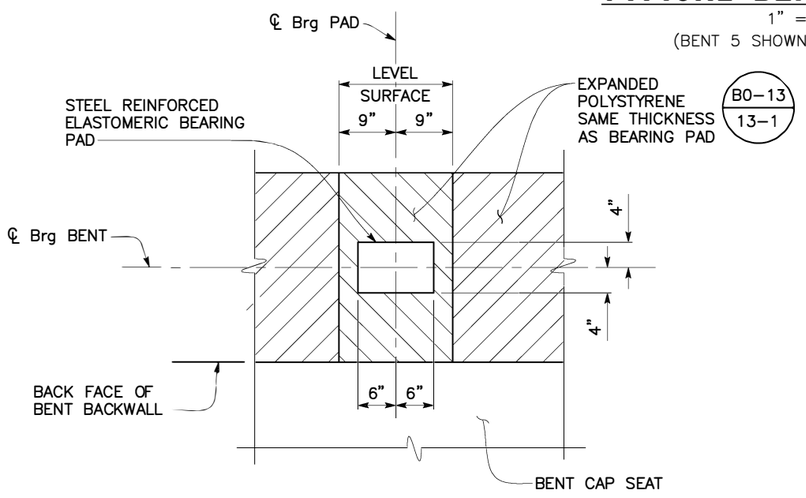
TYPICAL BENT ELEVATION

1" = 1'–0"
(BENT 5 SHOWN, BENT 6 SIMILAR)

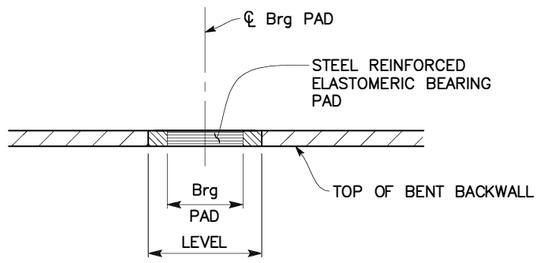


DETAIL 3

1" = 1'–0"



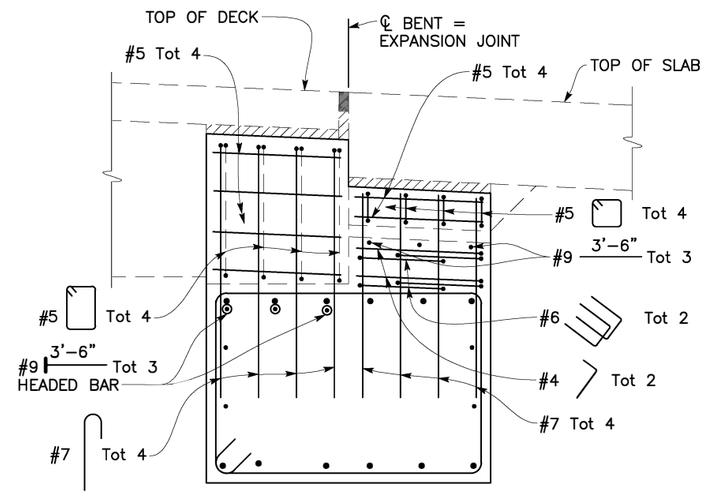
PLAN



ELEVATION

BEARING PAD DETAIL

¾" = 1'–0"



SECTION E-E

¾" = 1'–0"
(BENT 5 SHOWN, BENT 6 SIMILAR)

NOTES:

1. For "SECTION F–F" and "SECTION G–G" see "BENT DETAILS NO. 2" sheet.
2. Roughen construction joint surface to ¼" amplitude.

Saygunn Low
DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:48 am 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 01/30/24 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	141	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

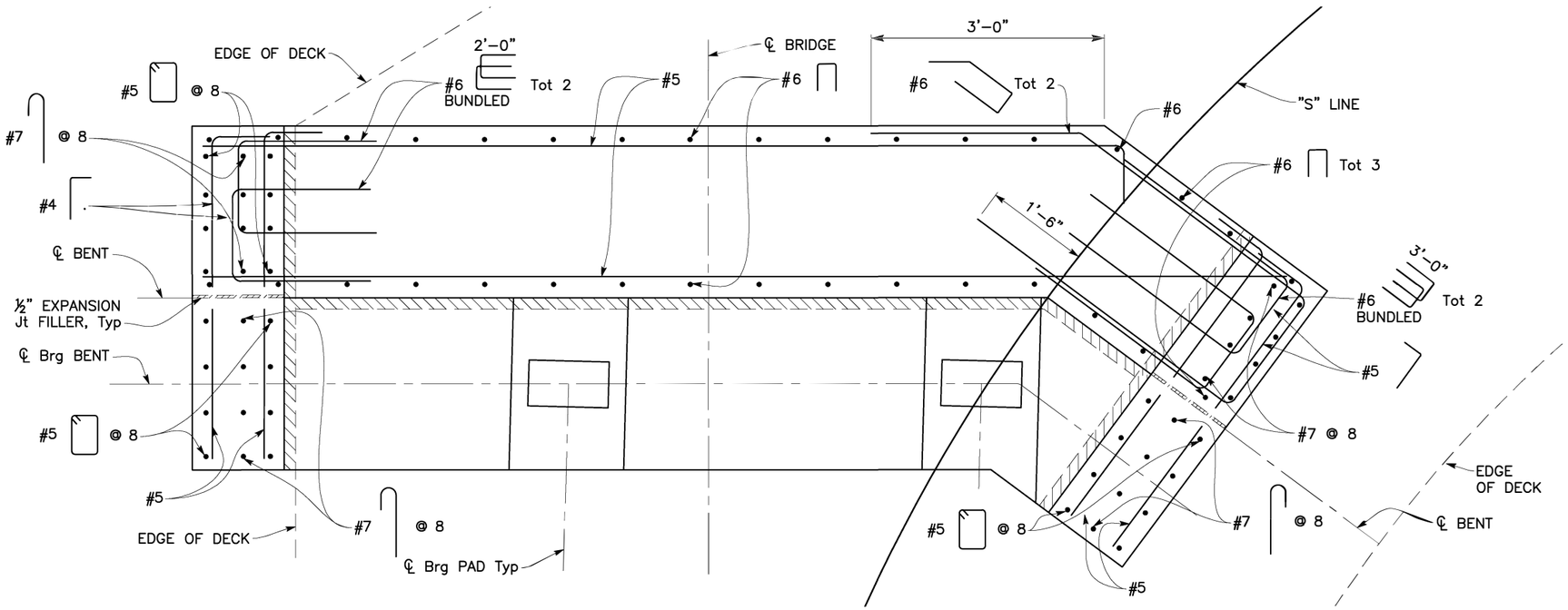
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

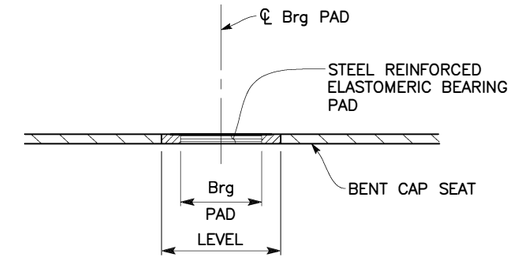
CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

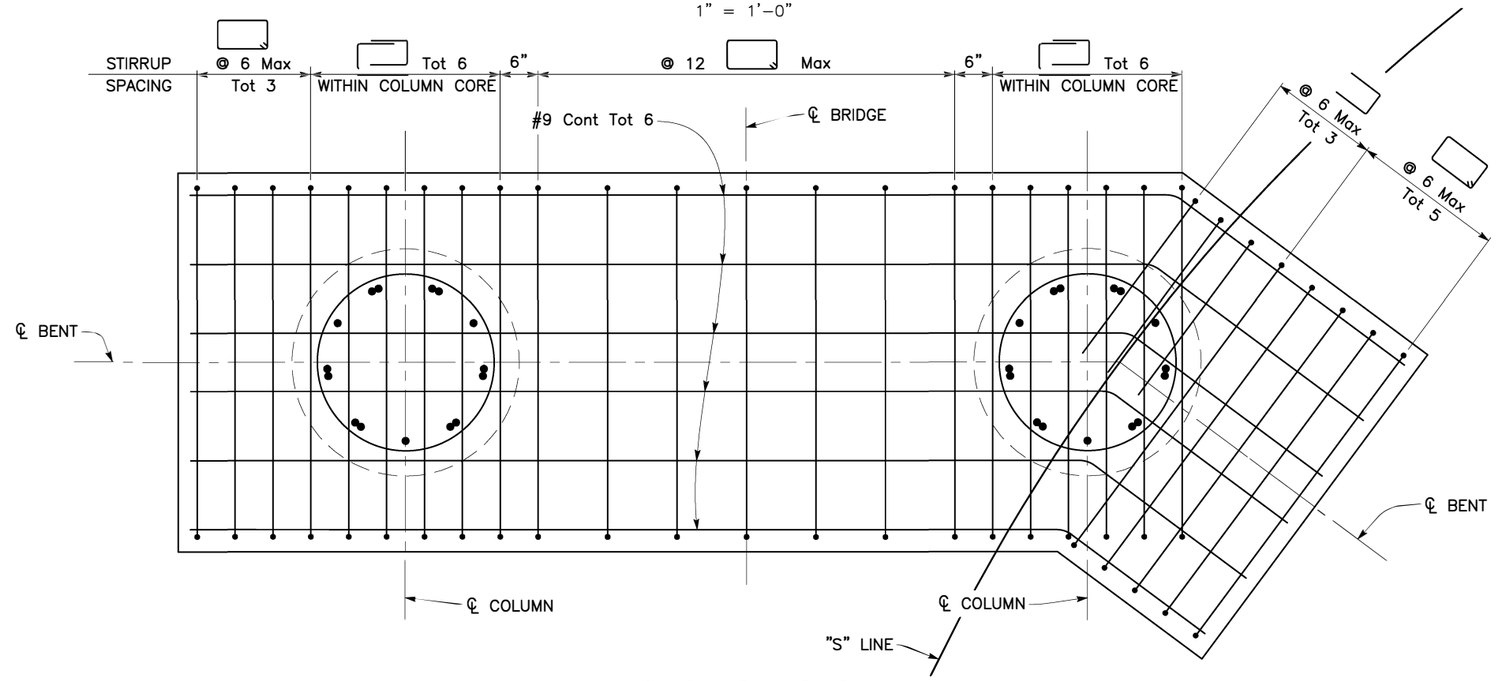
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



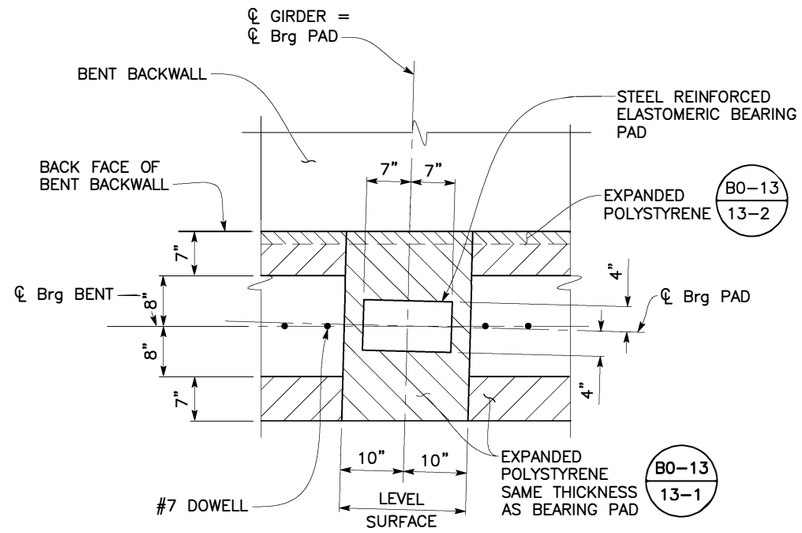
SECTION F-F
1" = 1'-0"



ELEVATION



SECTION G-G
1" = 1'-0"



PLAN

BEARING PAD DETAIL
¾" = 1'-0"

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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

BENT DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:48 am 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 10/08/23 11/17/23

SHEET 14 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	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

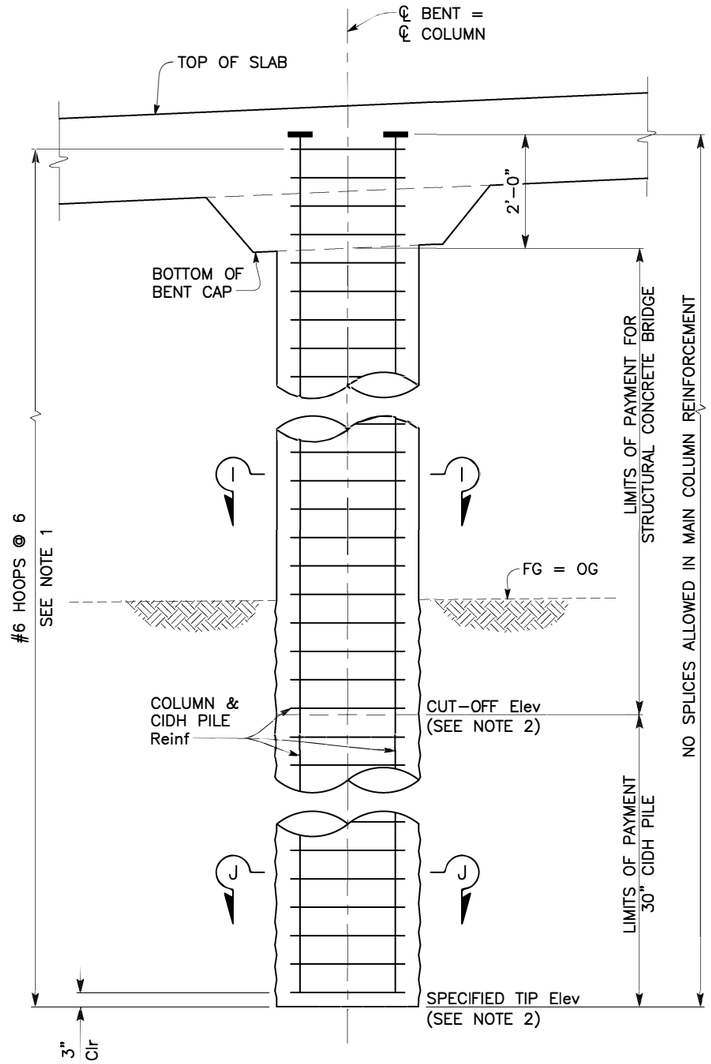
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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

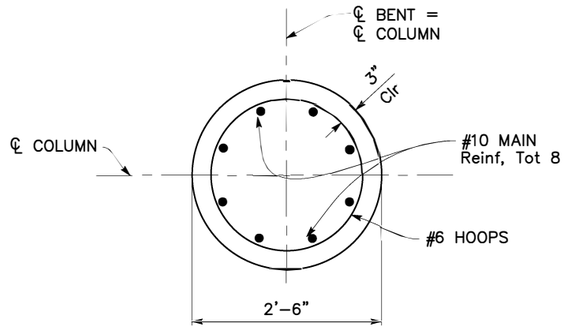
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



COLUMN & CIDH PILE ELEVATION

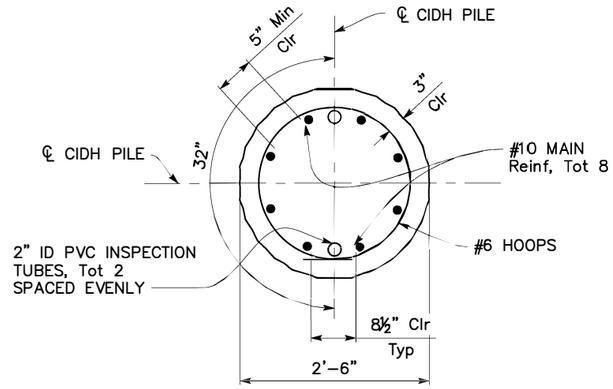
¾" = 1'–0"

(BENT 2 SHOWN, BENTS 3, 4, 7, 8 & 9 SIMILAR)



SECTION I-I

1" = 1'–0"



SECTION J-J

1" = 1'–0"

NOTES:

1. All hoops shall be "ultimate" butt weld spliced.
2. For Pile Data Table, see "FOUNDATION PLAN" sheet.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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. 3

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:48 am 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 10/30/23 10/02/23 11/17/23

SHEET 15 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–BL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	143	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

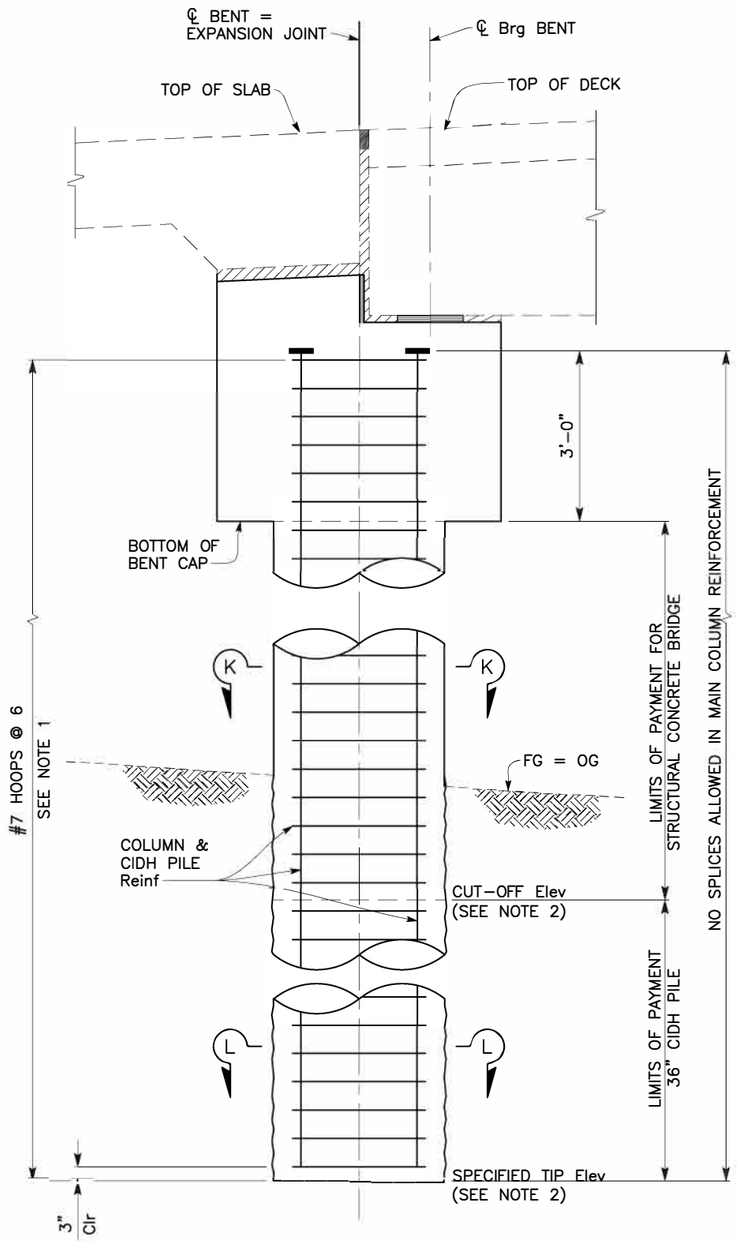
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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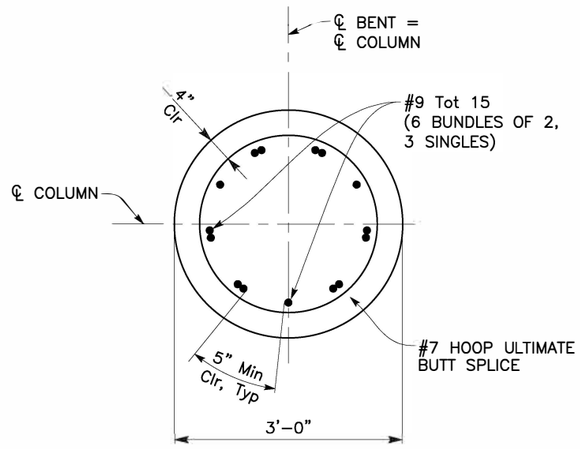
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



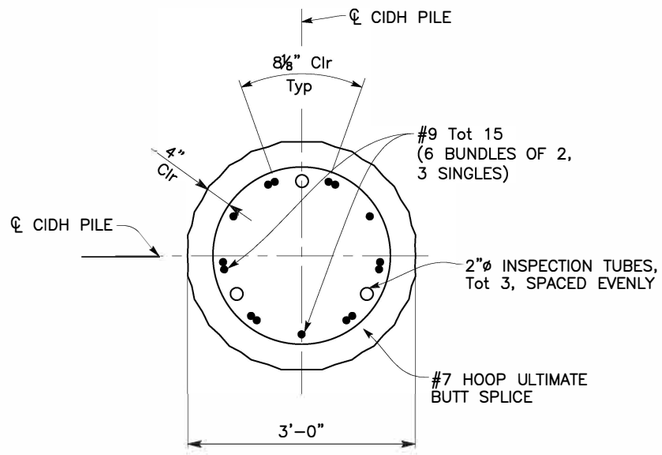
TYPICAL COLUMN & CIDH PILE

¾" = 1'–0"



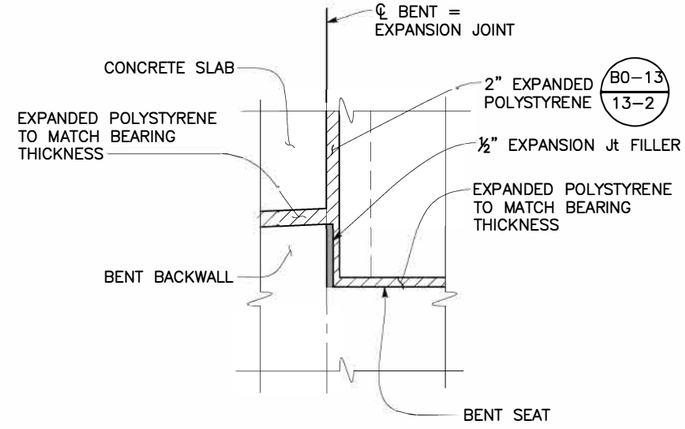
SECTION K-K

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.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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)

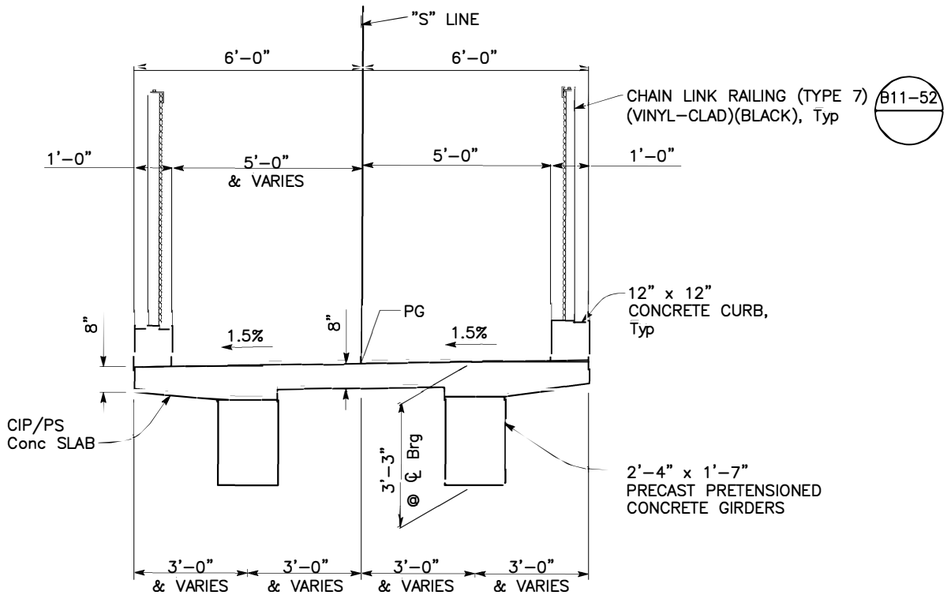
DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:48 am
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

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

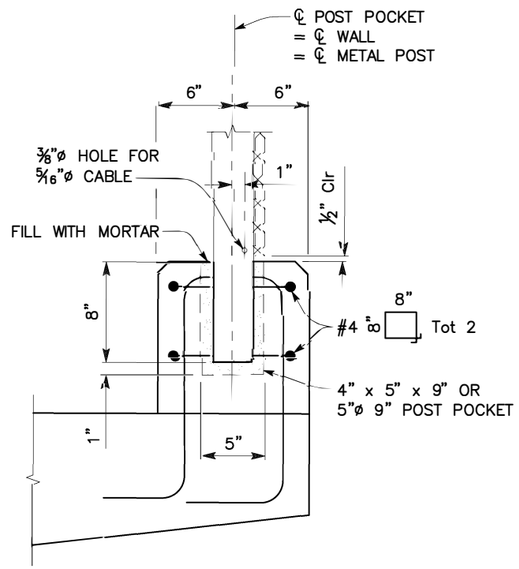
SHEET 16 OF 31

FILE => U:\19007 – SJ Creek Bike Path So Extent 2019–023 – Ci Goleta\400 Project Design Files\430 Bridges & Structures\Plans\SE–PEDESTRIAN\SR217_SEXTINT–B5L.dwg



TYPICAL SECTION AT PRECAST GIRDERS

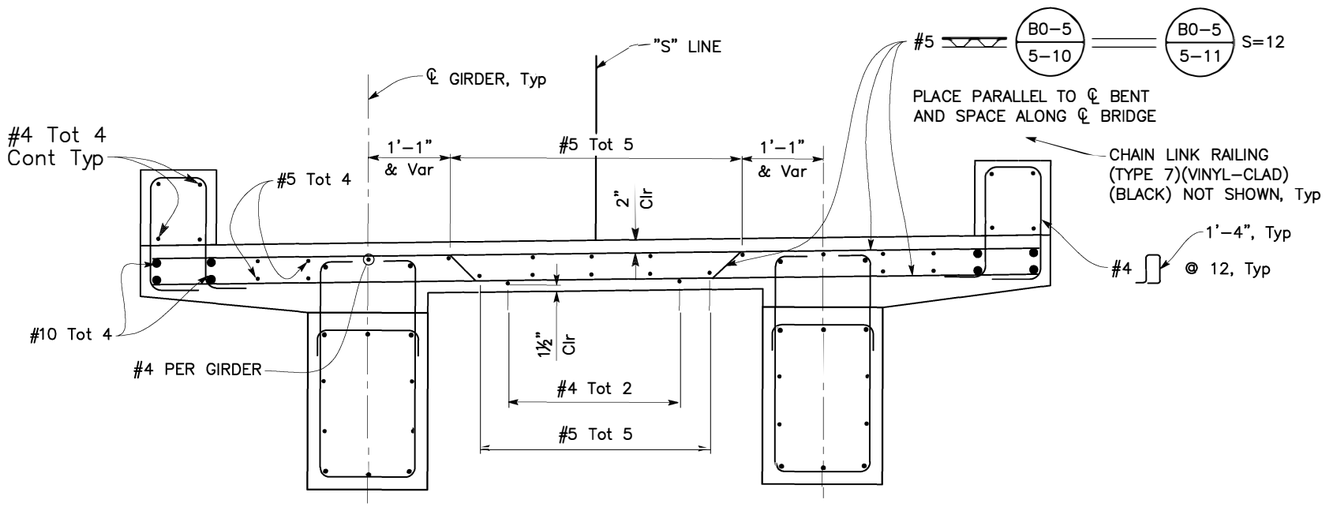
½" = 1'–0"



POST ANCHORAGE DETAIL

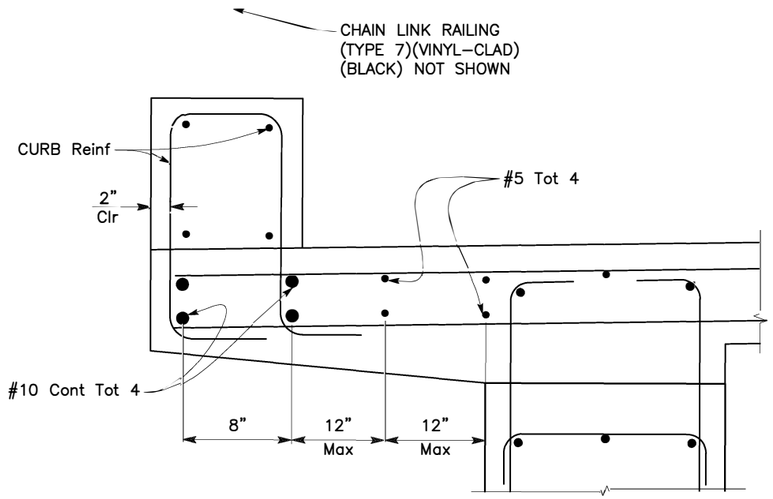
B11–52
–

2" = 1'–0"



TYPICAL SECTION

1" = 1'–0"



END OF DECK DETAIL

2" = 1'–0"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	144	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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

DESIGN OVERSIGHT: SAYGUNN LOW
Feb. 2, 2024
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

TYPICAL SECTION NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:49 am
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 01/30/24 10/27/23 11/17/23

SHEET 224 OF 17 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	145	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

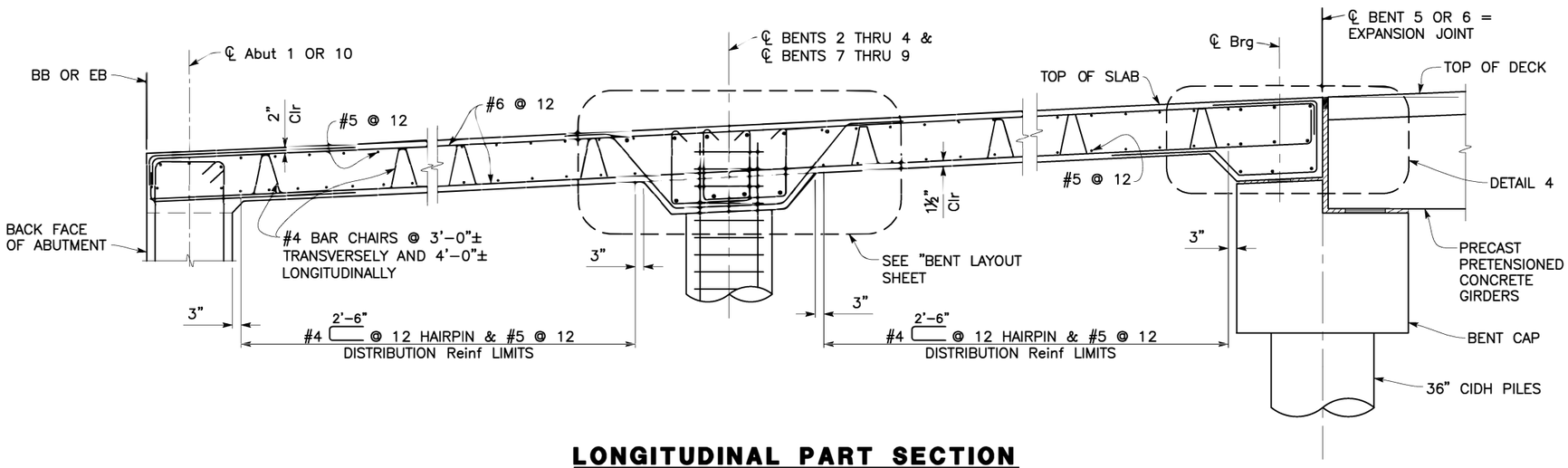
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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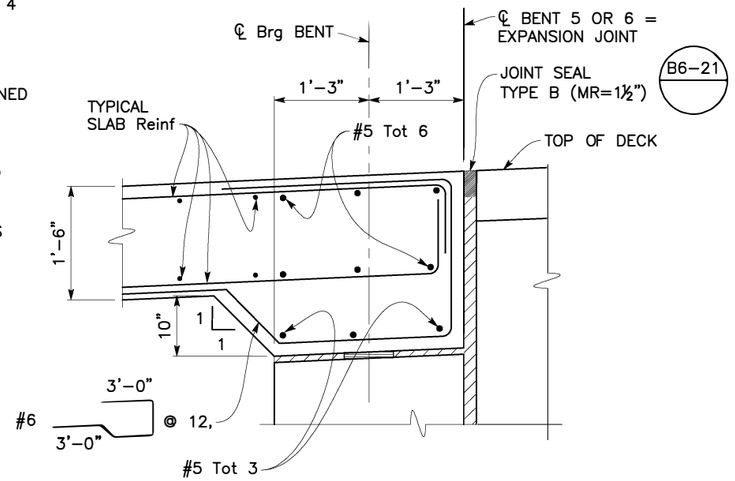
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



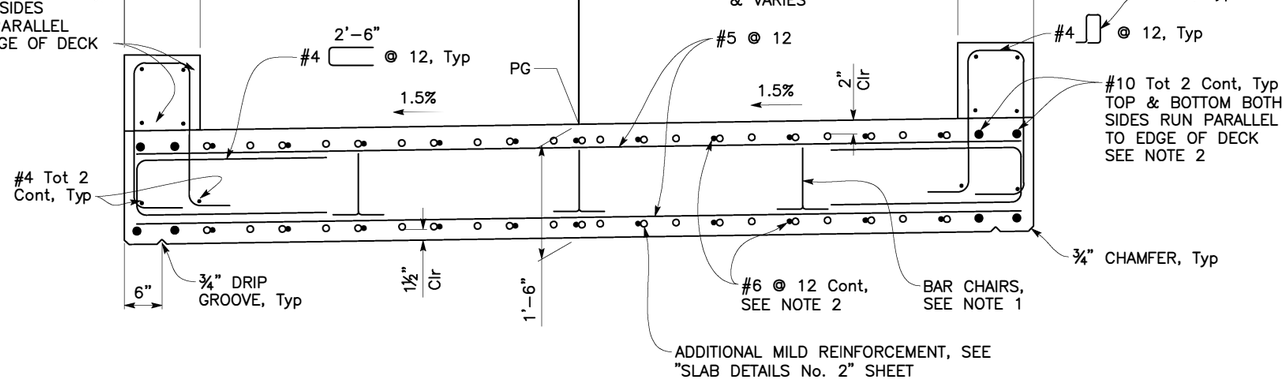
LONGITUDINAL PART SECTION

½" = 1'-0"



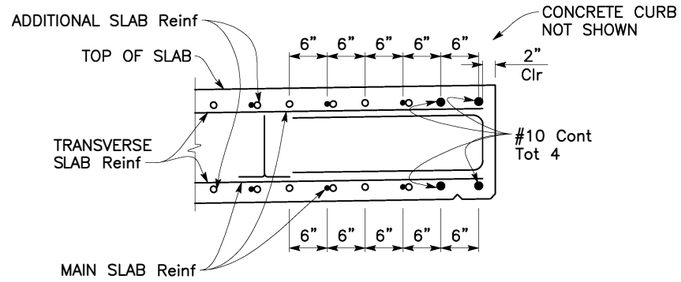
DETAIL 4

1" = 1'-0"



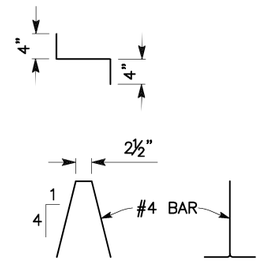
TYPICAL SECTION AT CONCRETE SLAB

1" = 1'-0"



END OF SLAB DETAIL

1" = 1'-0"



BAR CHAIR DETAIL

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.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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

TYPICAL SECTION NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:49 am 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 01/30/24 02/23/24 11/17/23

SHEET 18 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-TS2.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	146	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

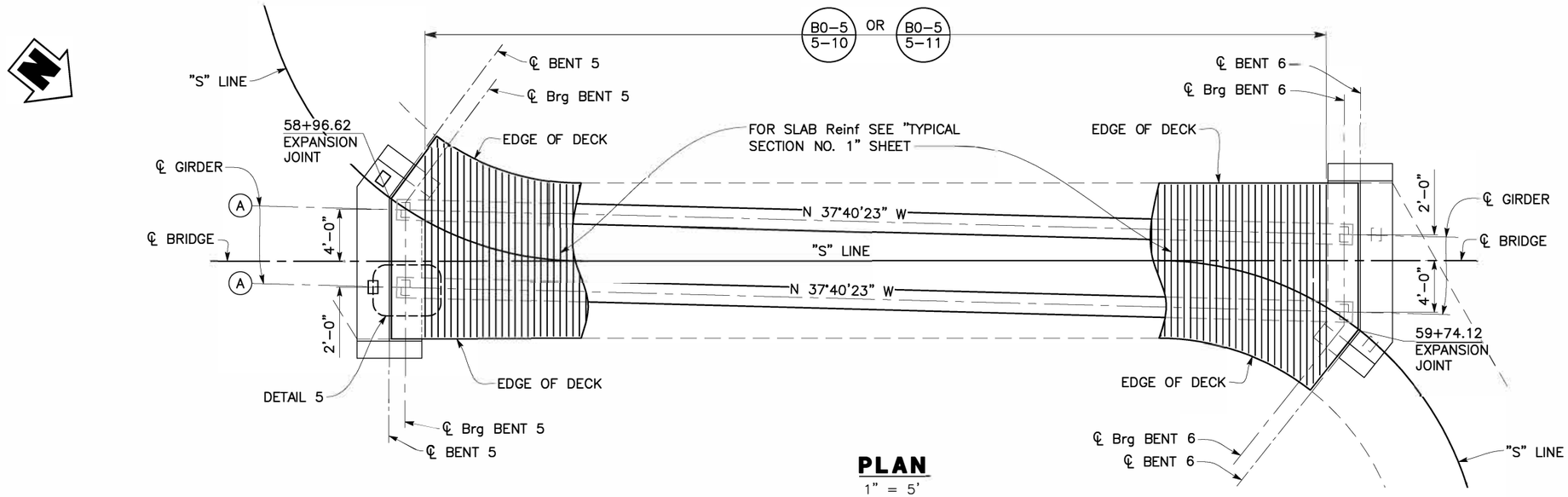
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

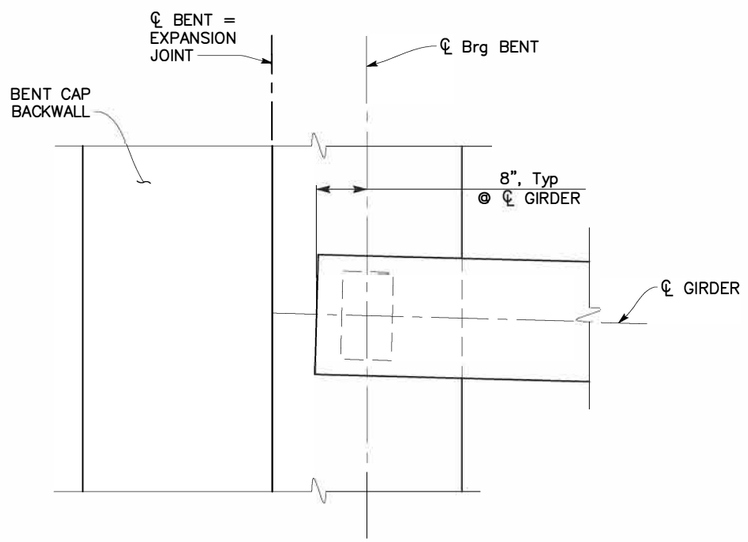
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CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

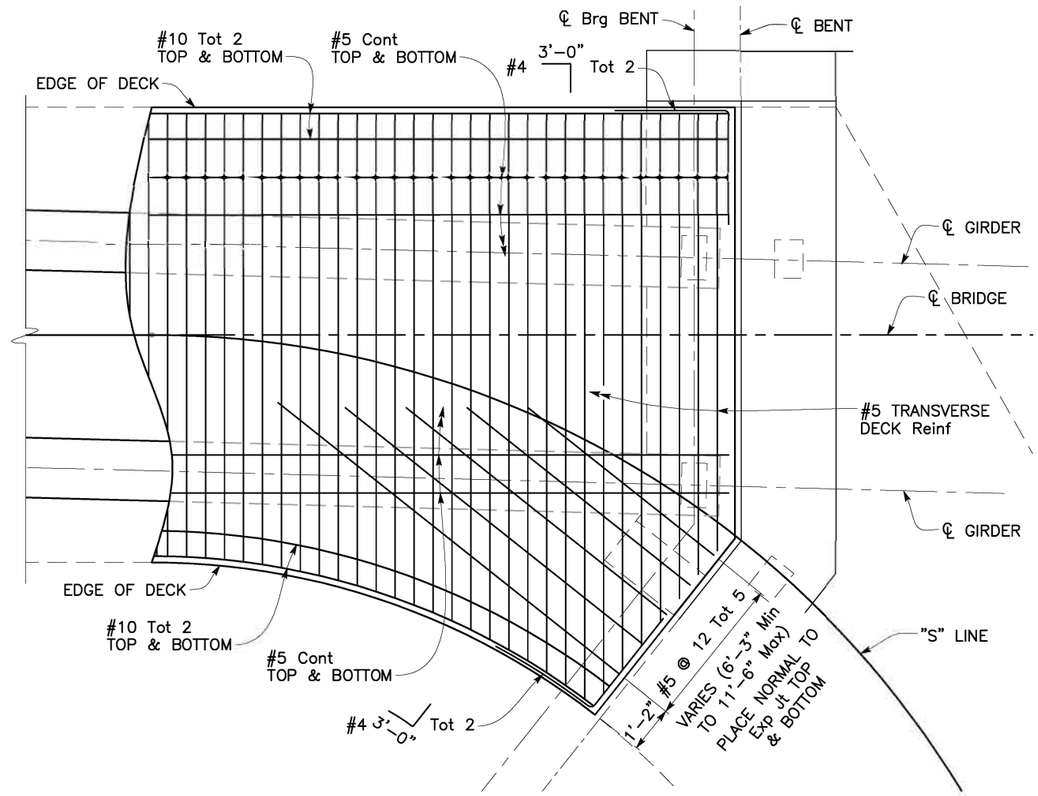
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



PLAN
1" = 5'



DETAIL 5
1" = 1'-0"



TYPICAL DECK CORNER DETAIL
½" = 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

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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 LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:49 am 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
01/30/24	02/23/24	03/11/24	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

226

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	147	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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

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.

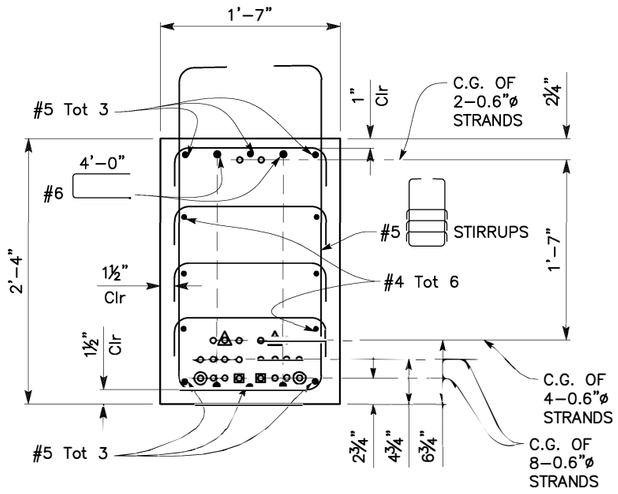
As Min = Minimum area of prestressing steel.

CONCRETE STRENGHT: f'ci = is at time of initial stressing
f'c = is at 28 days

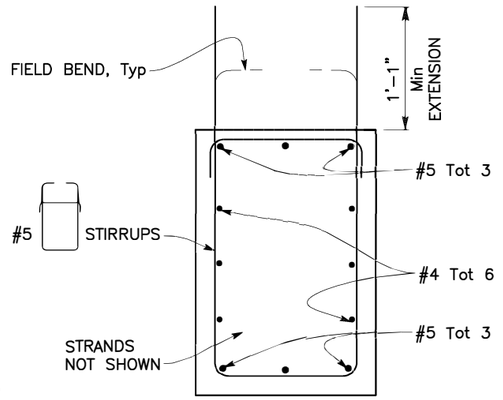
DEFLECTION COMPONENTS: informational – to be used in setting screed line elevations. Positive value indicates downward deflection.

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				



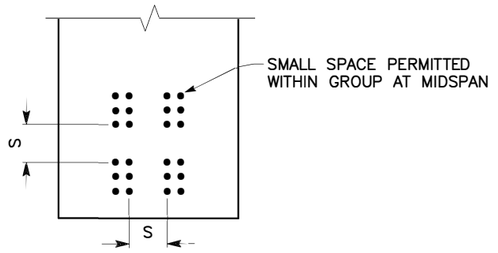
SECTION A-A
1½" = 1'–0"



SECTION B-B
1½" = 1'–0"

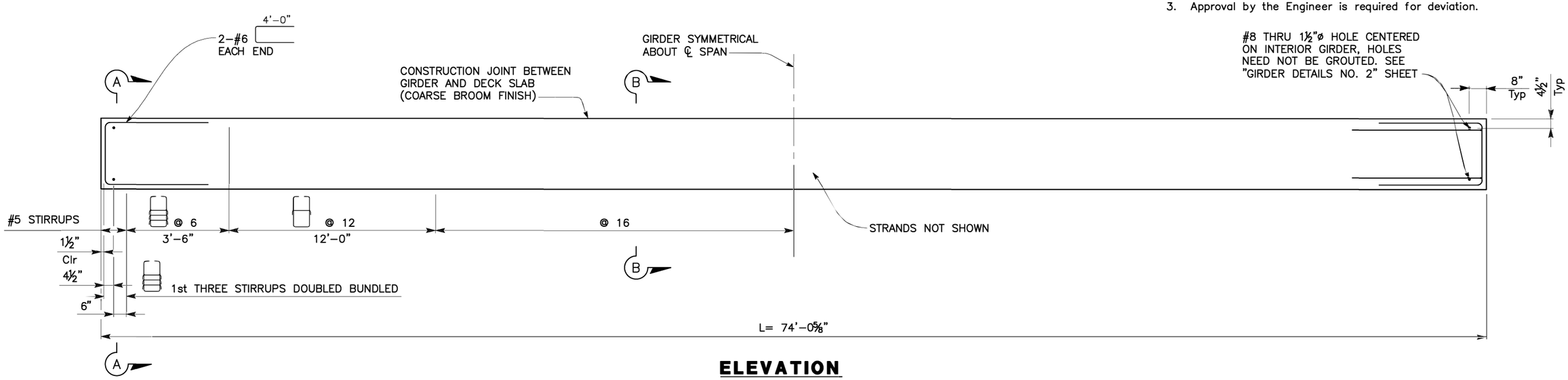
LEGEND:

- 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"

DESIGN OVERSIGHT SAYGUNN LOW, Feb. 2, 2024, SIGN OFF DATE	DESIGN	F. CASIMIRO	R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS	ANTHONY DUBOVIK II, PROJECT ENGINEER
	DETAILS	E. CISNEROS	F. CASIMIRO		BRIDGE No. 51–0370
	QUANTITIES	F. CASIMIRO	R. PIXLEY		POST MILE 1.92

GOLETA POC

GIRDER DETAIL NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:49 am 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 01/30/24 10/27/23 11/17/23

SHEET 20 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–GL.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	148	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

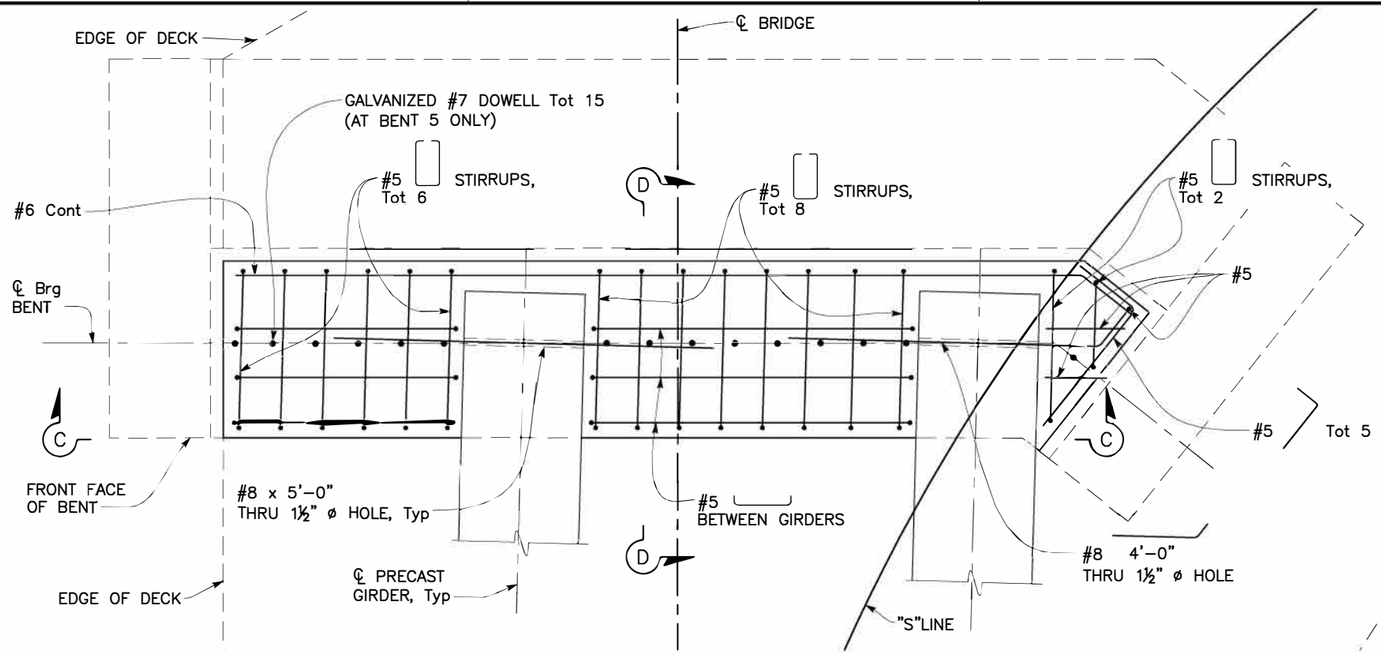
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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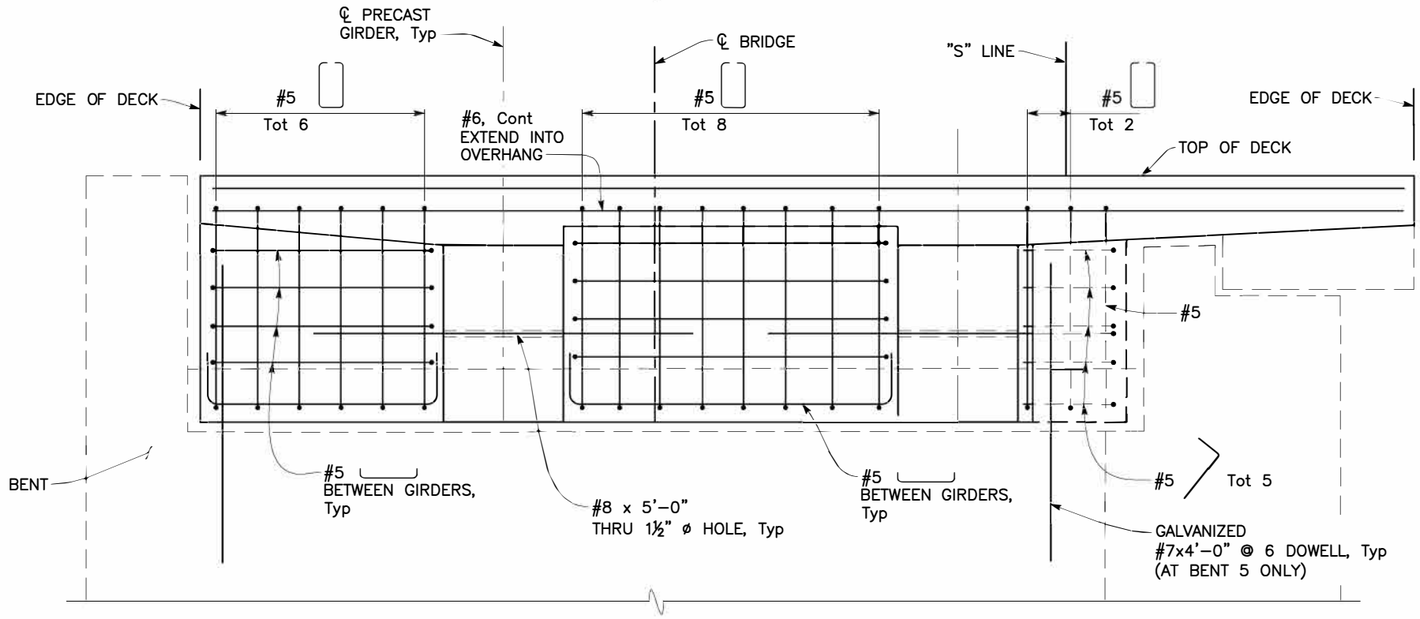
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



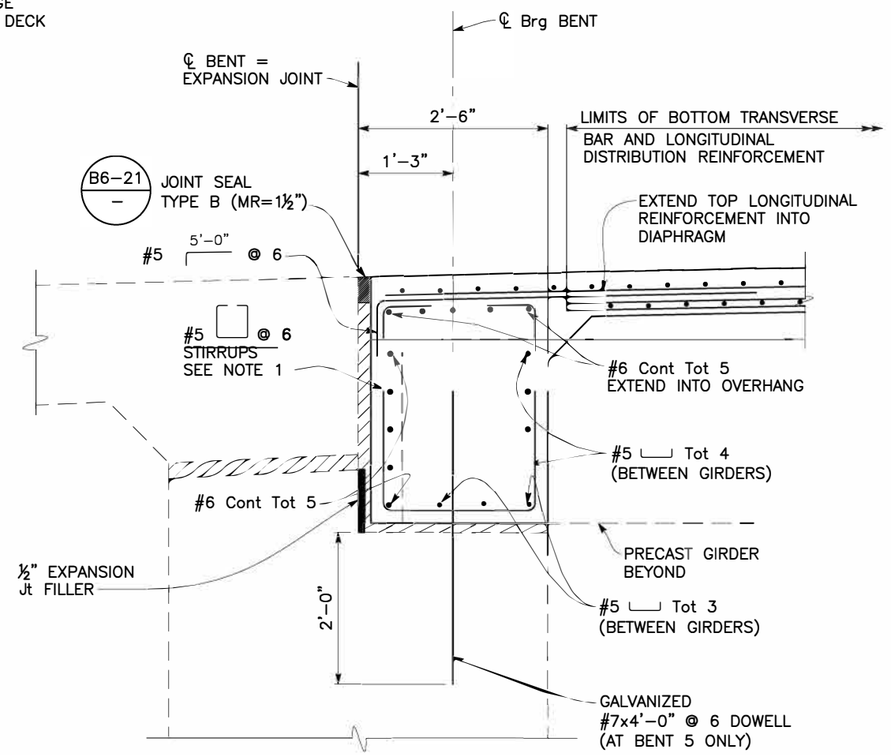
END DIAPHRAGM - PLAN

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"

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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

GIRDER DETAILS NO. 2

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:50 am
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 01/30/24 02/2/24 02/5/24 11/17/23

SHEET 21 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–GD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	149	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

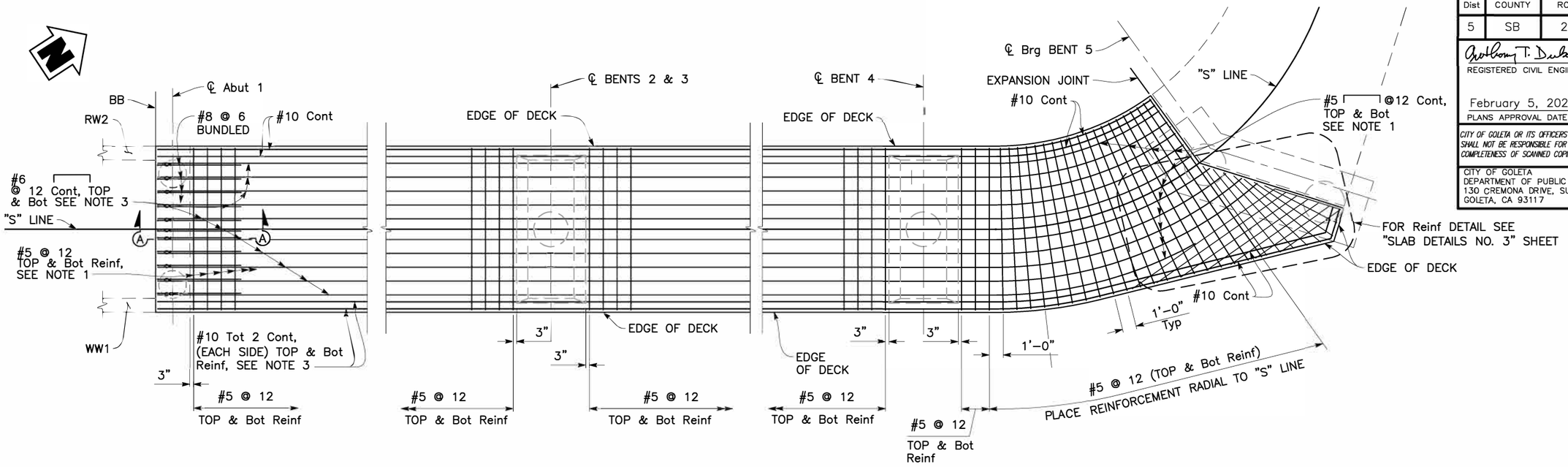
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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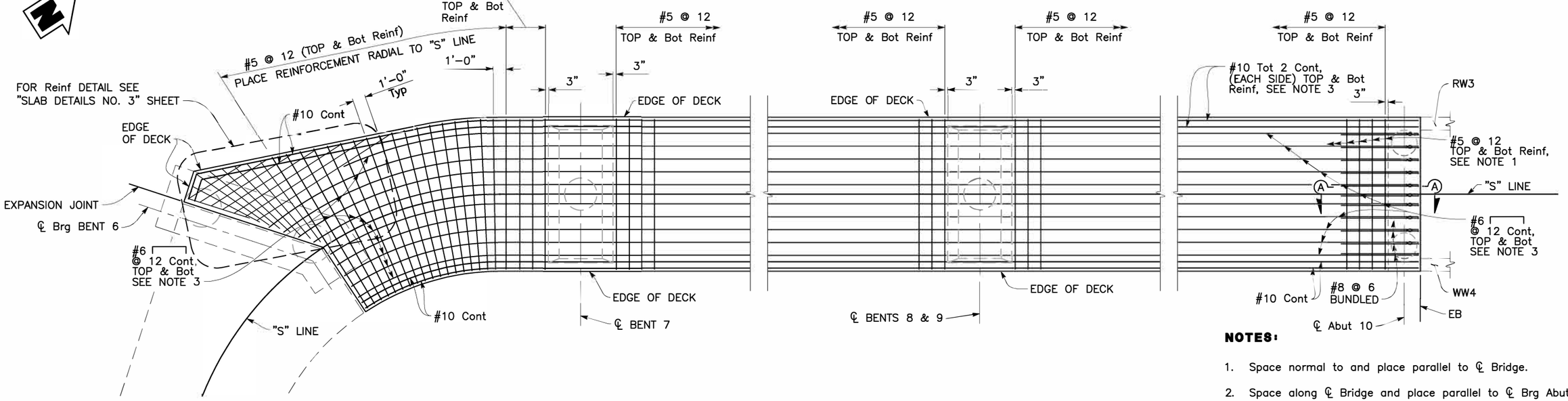
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



PART DECK PLAN

¼" = 1'-0"



PART DECK PLAN

¼" = 1'-0"

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.

DESIGN OVERSIGHT SAYGUNN LOW
Feb. 2, 2024
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 => Jan 30, 2024 TIME PLOTTED => 11:50 am 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 01/30/2024 02/01/2024 02/01/2024

229

SHEET 22 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-SD.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	150	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

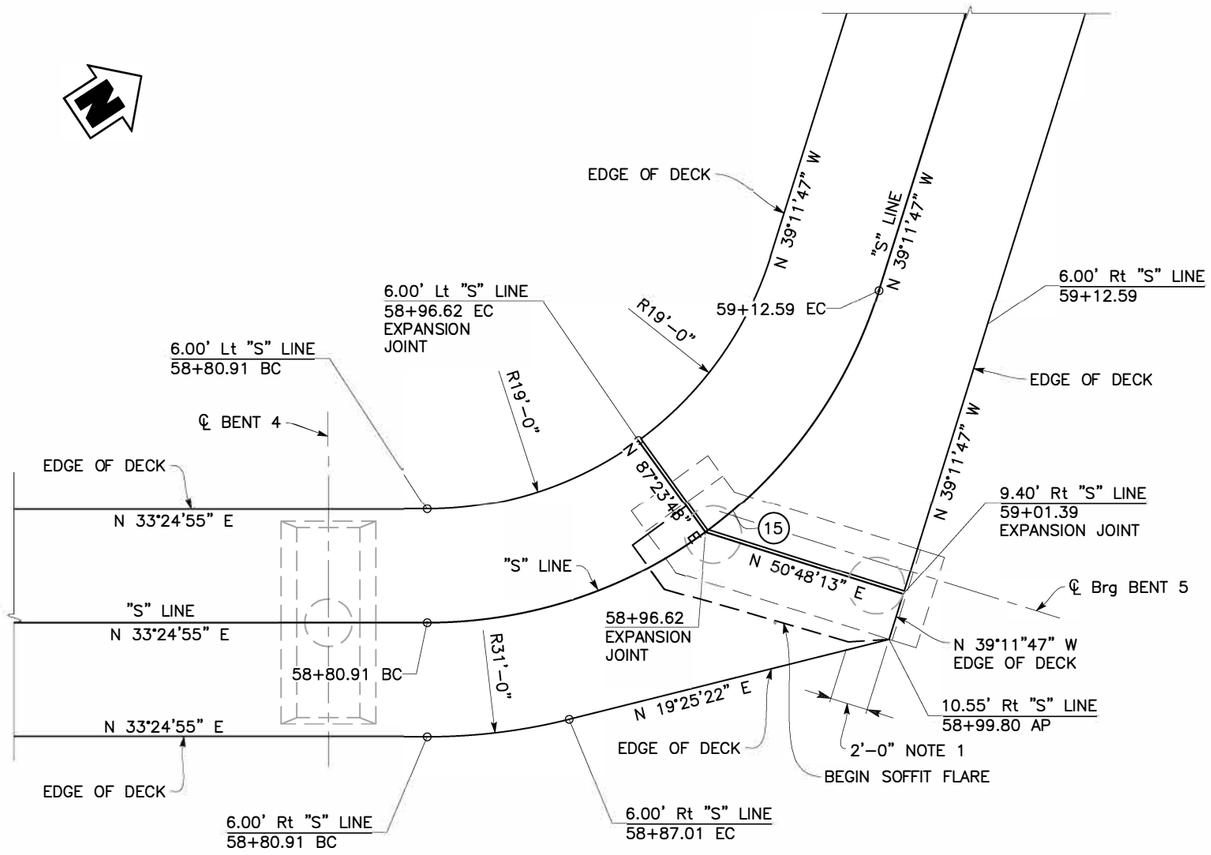
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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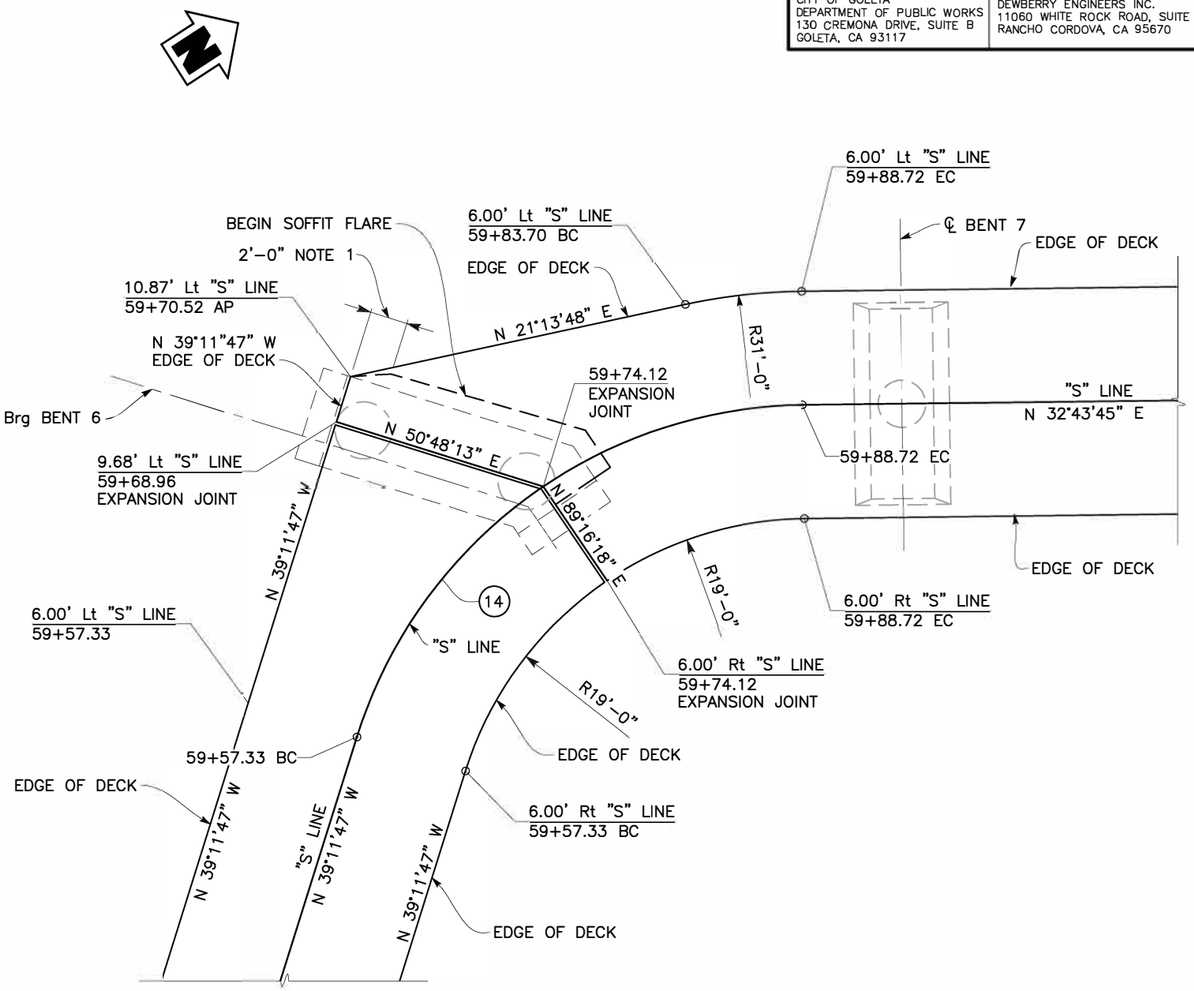
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



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.

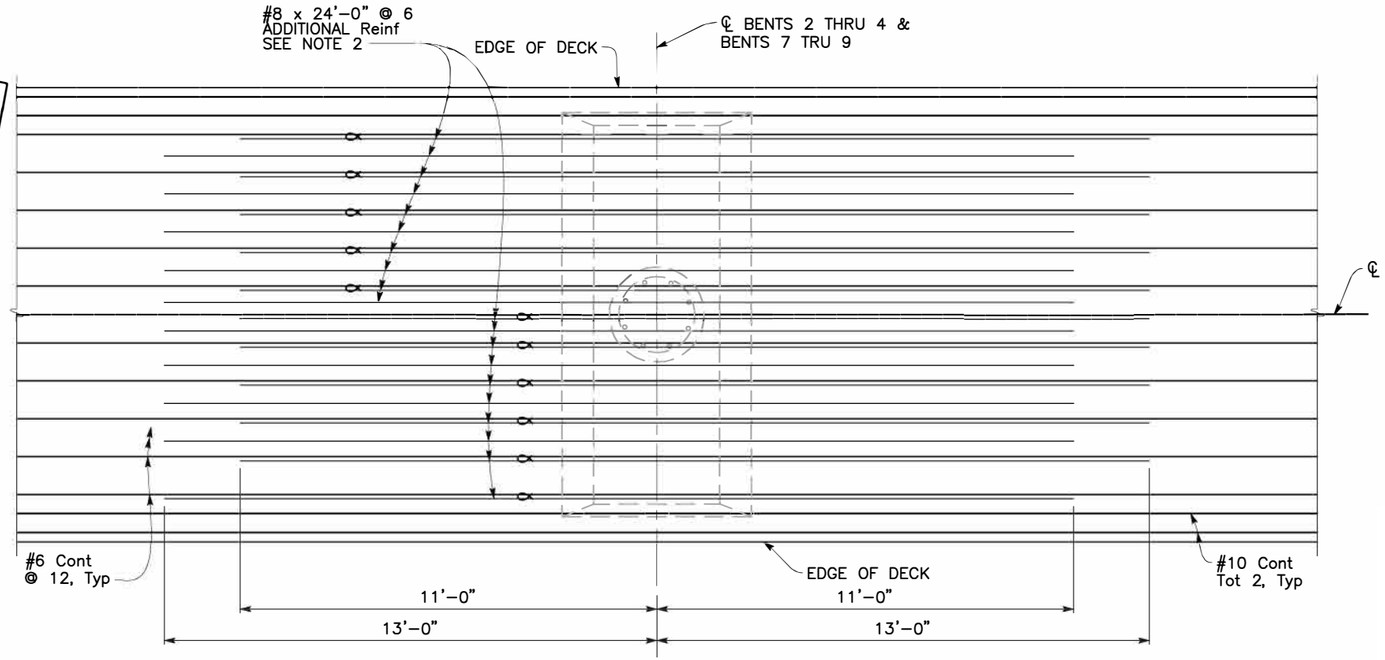
DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE		DESIGN	BY F. CASIMIRO	CHECKED R. PIXLEY	PREPARED FOR THE CITY OF GOLETA DEPARTMENT OF PUBLIC WORKS
		DETAILS	BY E. CISNEROS	CHECKED F. CASIMIRO	
		QUANTITIES	BY F. CASIMIRO	CHECKED R. PIXLEY	

ANTHONY DUBOVIK II — PROJECT ENGINEER
BRIDGE No. 51-0370
POST MILE 1.92

GOLETA POC
SLAB DETAILS NO. 2

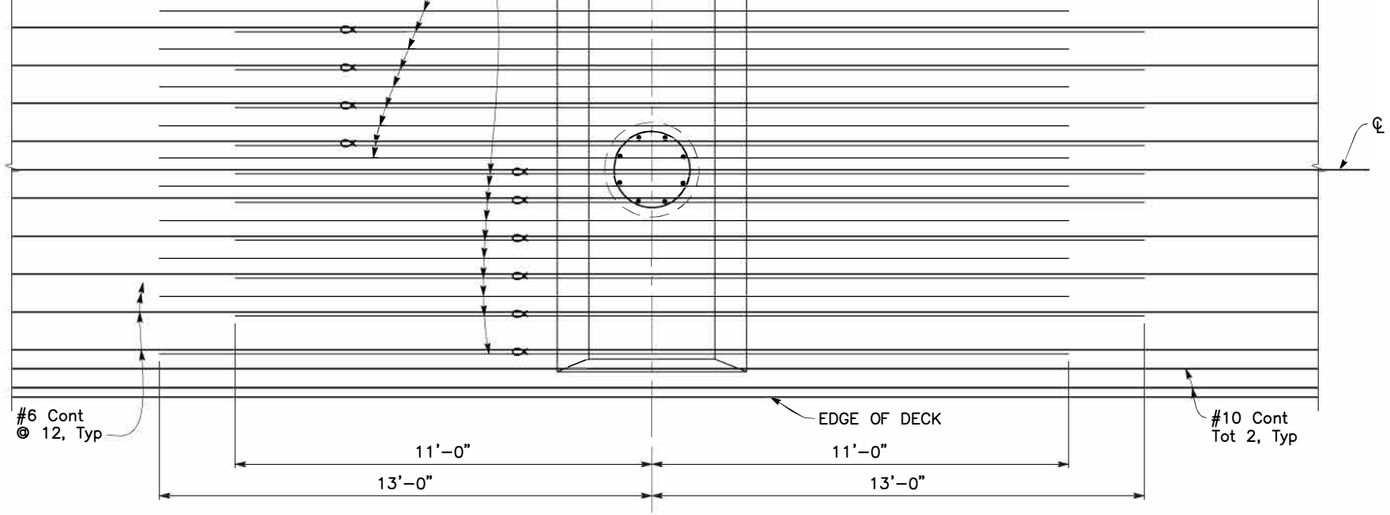
STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)
DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:50 am USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3
PROJECT NUMBER & PHASE: 05180002291 COUNTY/ROUTE: SB/217 CONTRACT No.: 05-1K6304
DISREGARD PRINTS BEARING EARLIER REVISION DATES →
REVISION DATES 01/30/24 02/23/24 11/17/24
SHEET 23 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-SD2.dwg



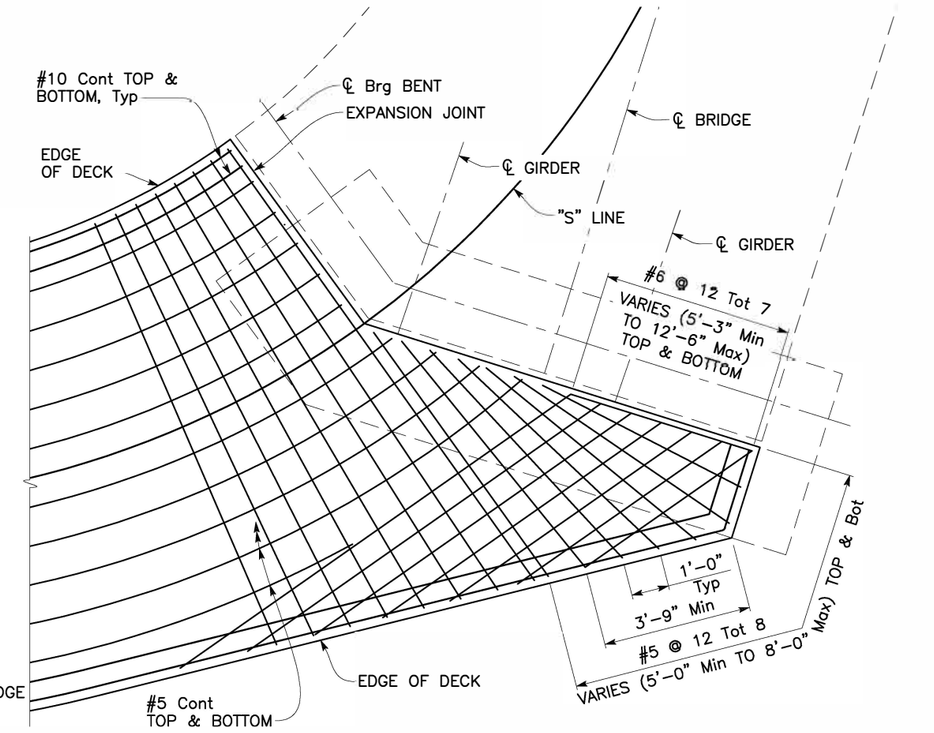
ADDITIONAL SLAB TOP REINFORCEMENT

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)

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	151	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER — DATE

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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

DESIGN OVERSIGHT: SAYGUNN LOW
Feb. 2, 2024
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 => Jan 30, 2024
TIME PLOTTED => 11:50 am
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 24 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-SD3.dwg

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	152	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

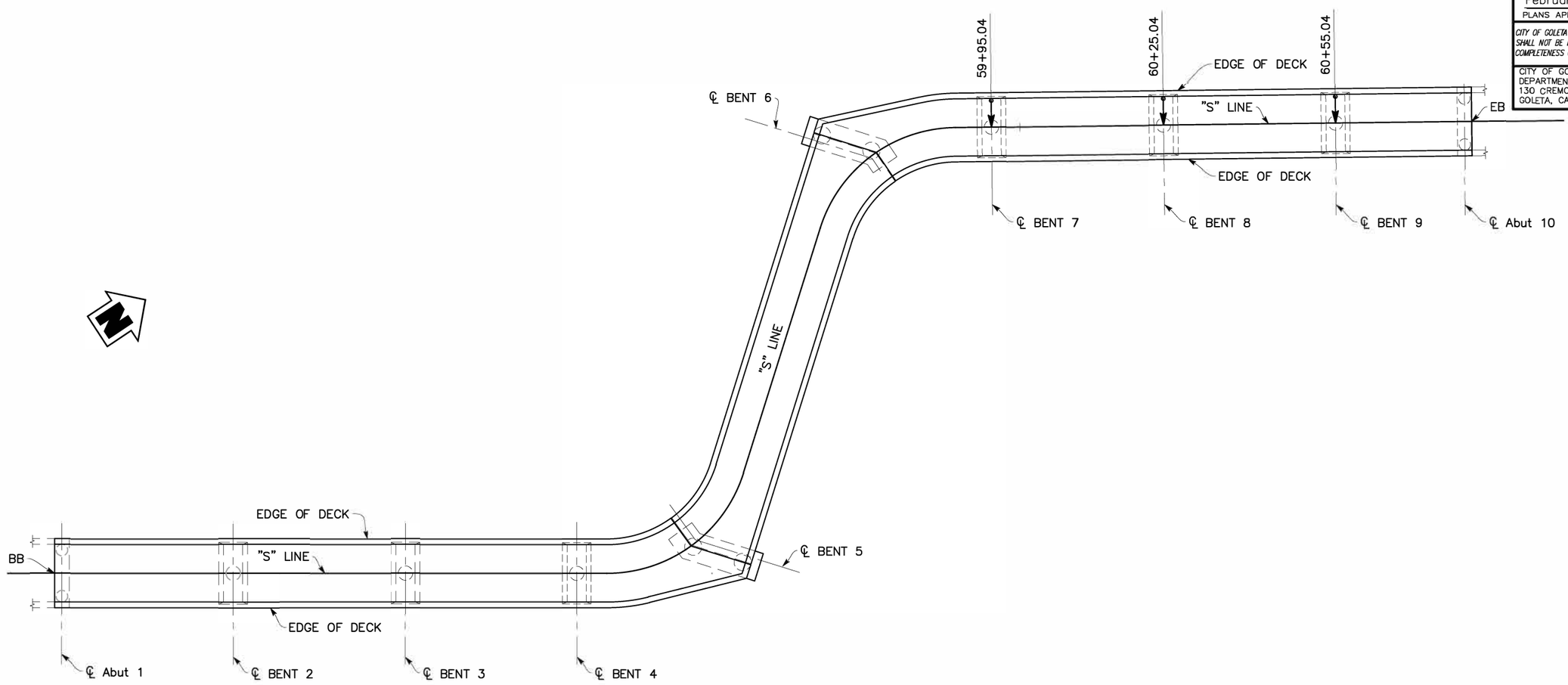
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — 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



DECK DRAIN LAYOUT

1" = 10'

LEGEND:

+XX — Indicates location of Deck Drain

◄— Indicates direction of Drain Pipe and direction of Drain Outlet locations

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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
DECK DRAIN LAYOUT

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024 TIME PLOTTED => 11:50 am 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 01/30/24 02/01/24 02/05/24

SHEET 25 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	153	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

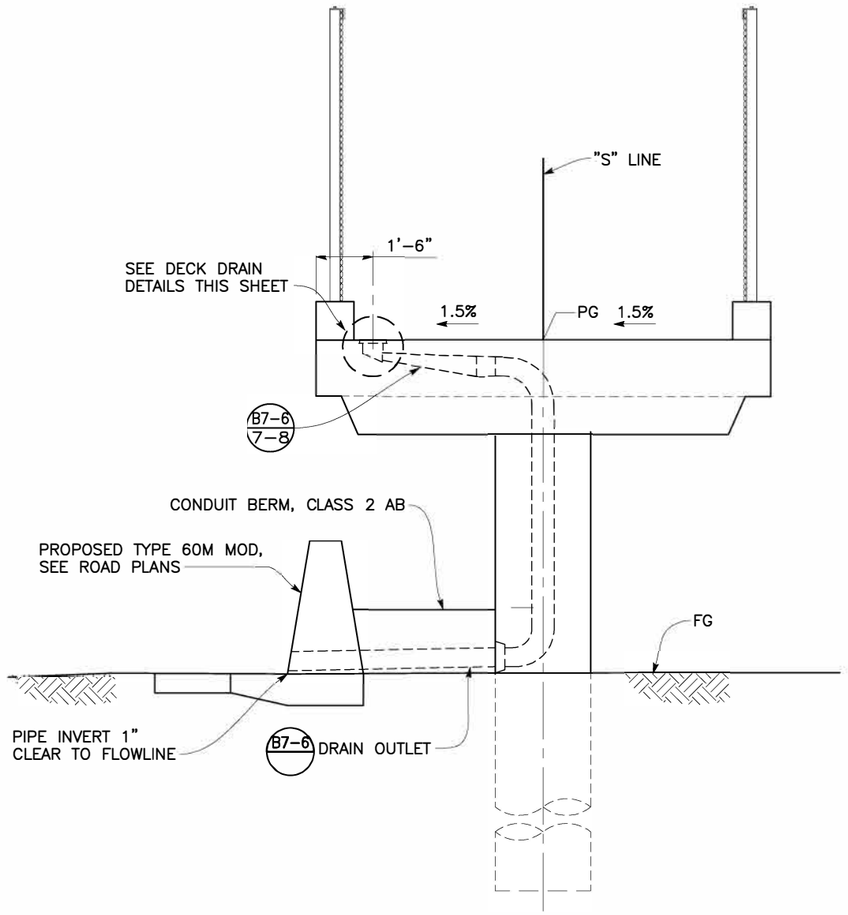
REGISTERED PROFESSIONAL ENGINEER
ANTHONY T. DUBOVIK II
No. 36372
Exp. 06/30/24
CIVIL
STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

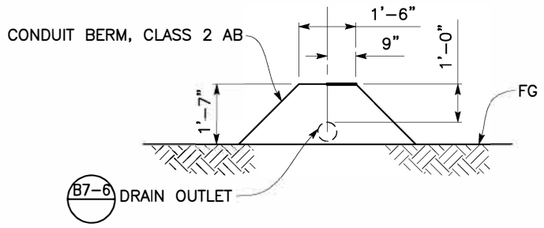
CITY OF GOLETA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

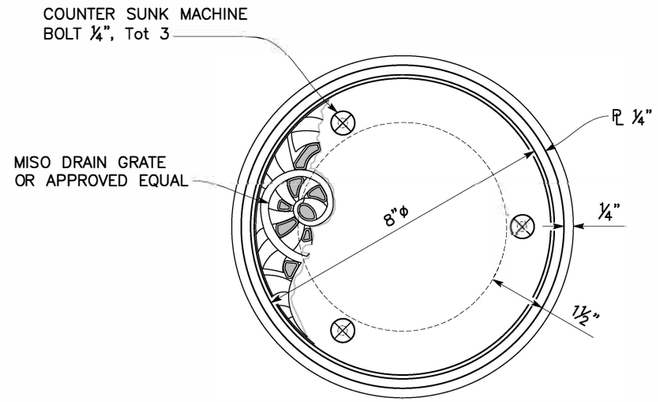
DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD, SUITE 200
RANCHO CORDOVA, CA 95670



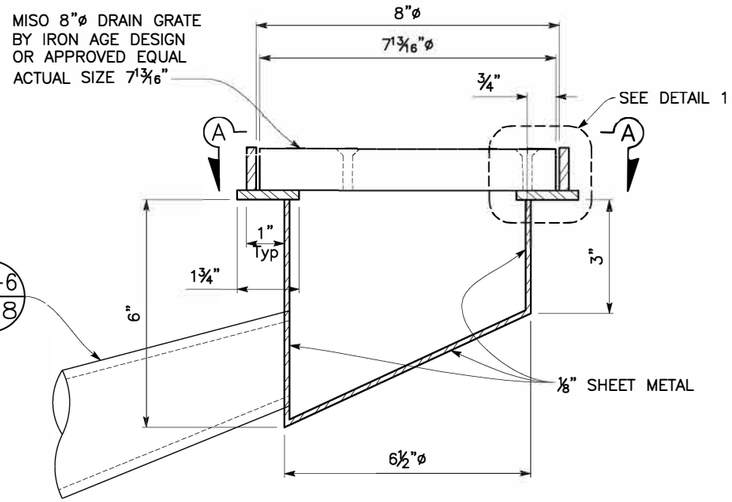
DECK DRAIN DETAIL
½" = 1'-0"



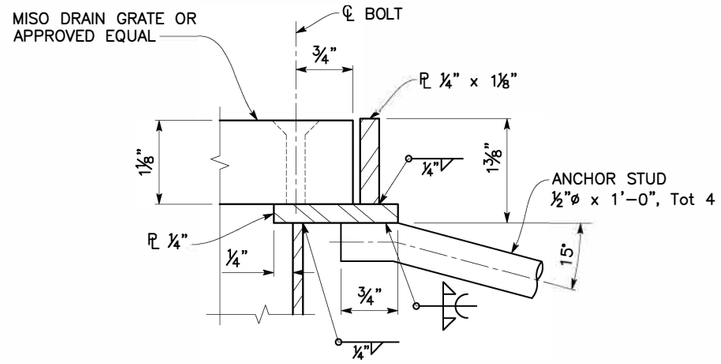
CONDUIT BERM
½" = 1'-0"



VIEW A-A
6" = 1'-0"



DECK DRAIN DETAIL
6" = 1'-0"



DETAIL 1
1" = 1"

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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
DECK DRAIN DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

DATE PLOTTED => Jan 30, 2024
TIME PLOTTED => 11:51 am
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 01/30/24 02/02/24 02/11/24

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	154	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER — DATE

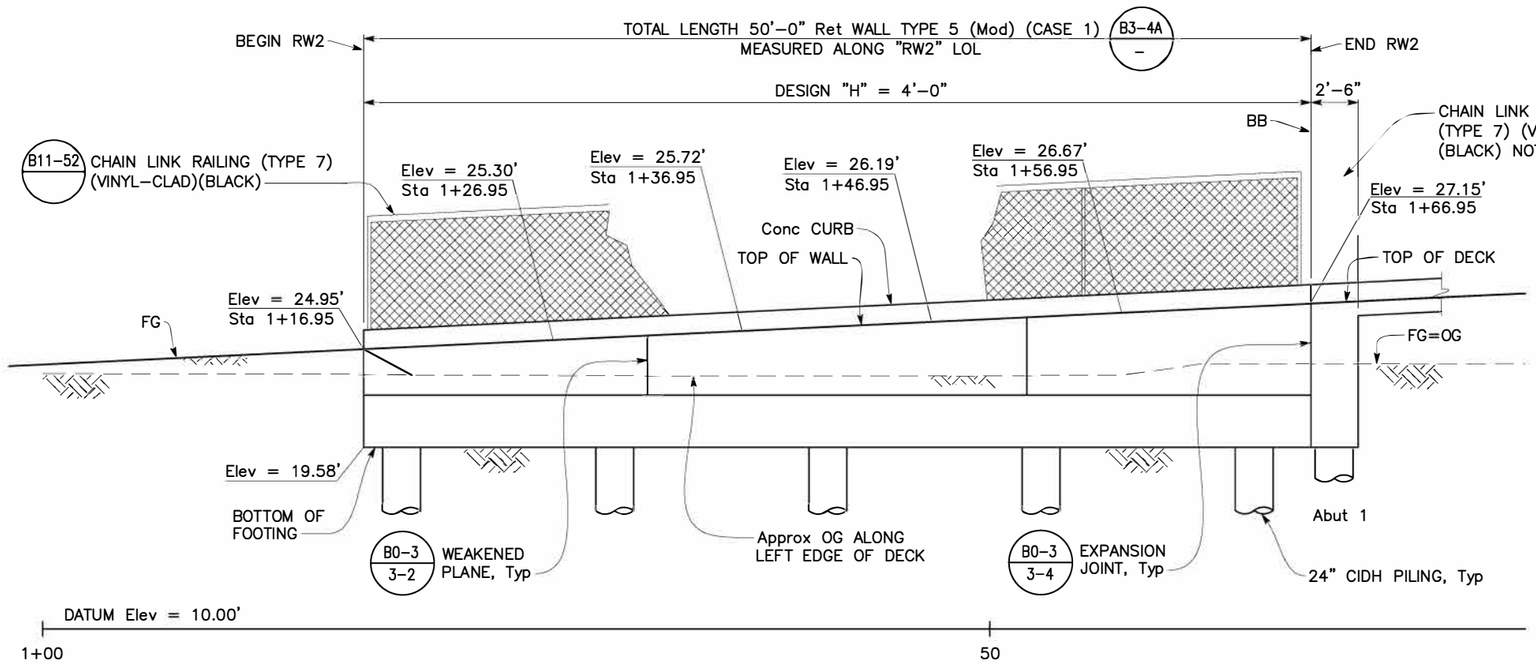
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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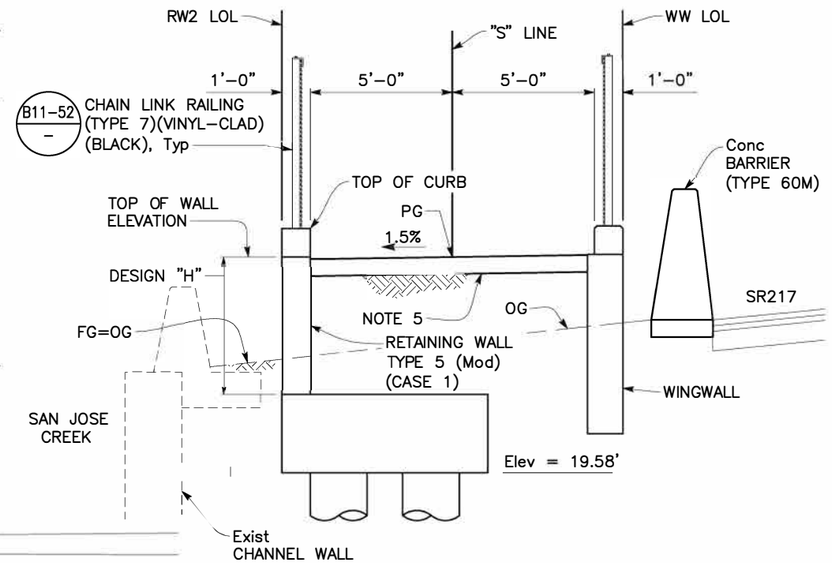
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



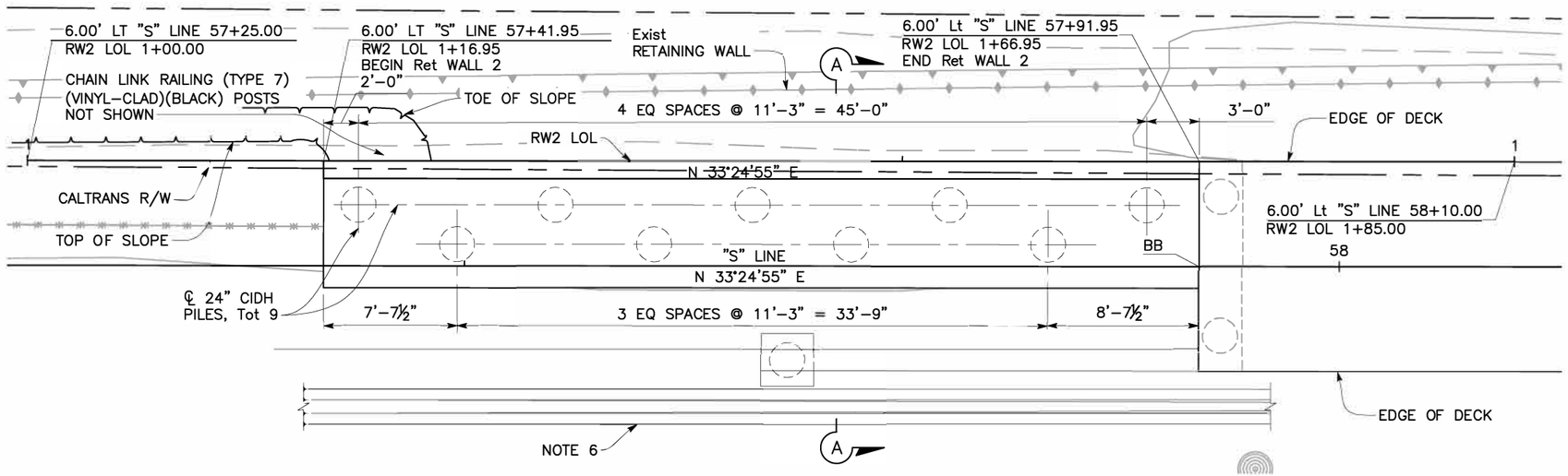
MIRRORED ELEVATION

¼" = 1'-0"



SECTION A-A

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 in these plans. For path details not shown, see "Road Plans".
6. Concrete Barrier (Type 60M), see road plans for details not shown.

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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 => Jan 30, 2024 TIME PLOTTED => 11:51 am 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: 01/30/24 10/27/23 11/17/23

SHEET 27 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	155	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

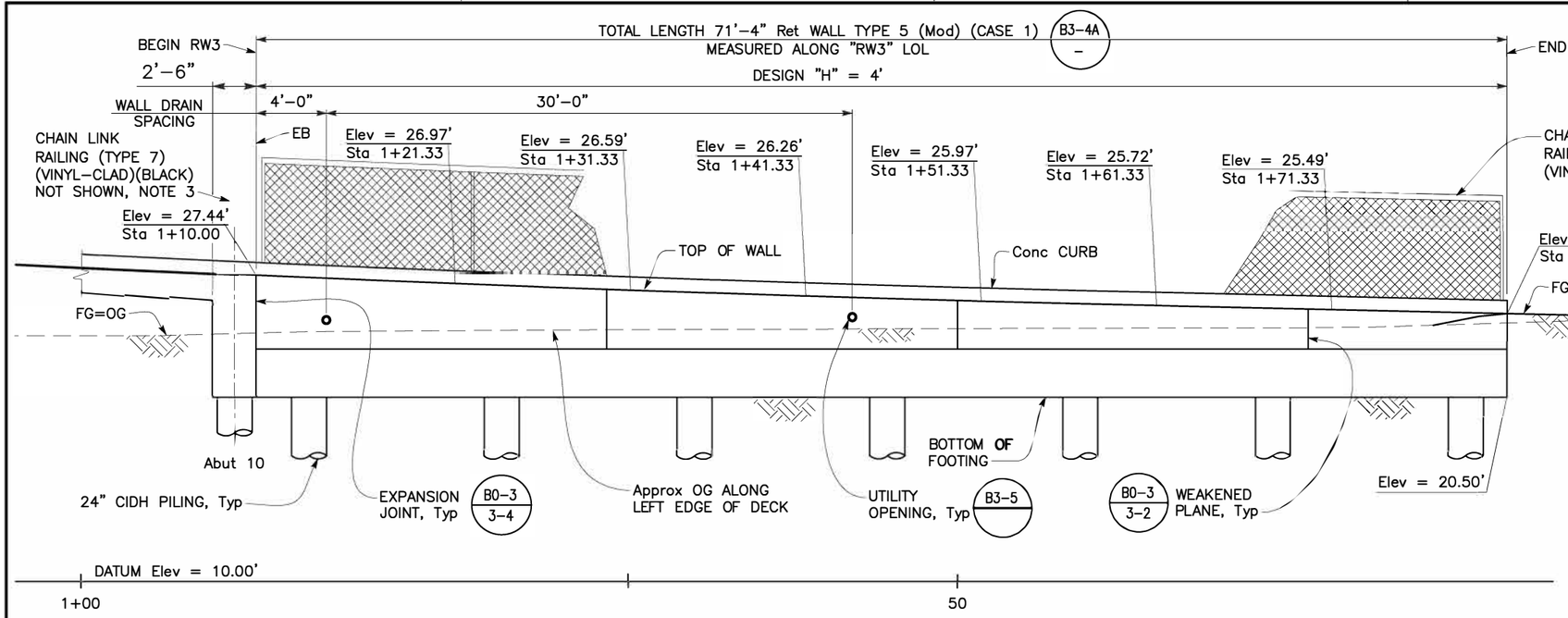
February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

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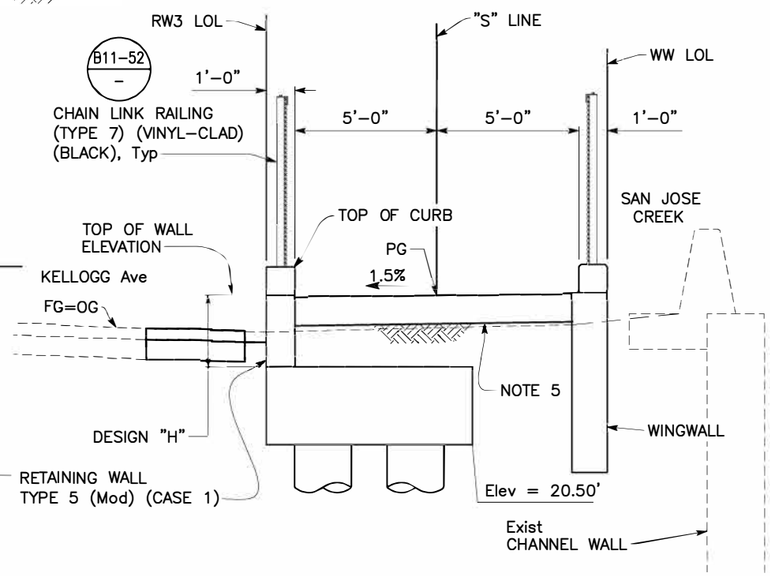
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



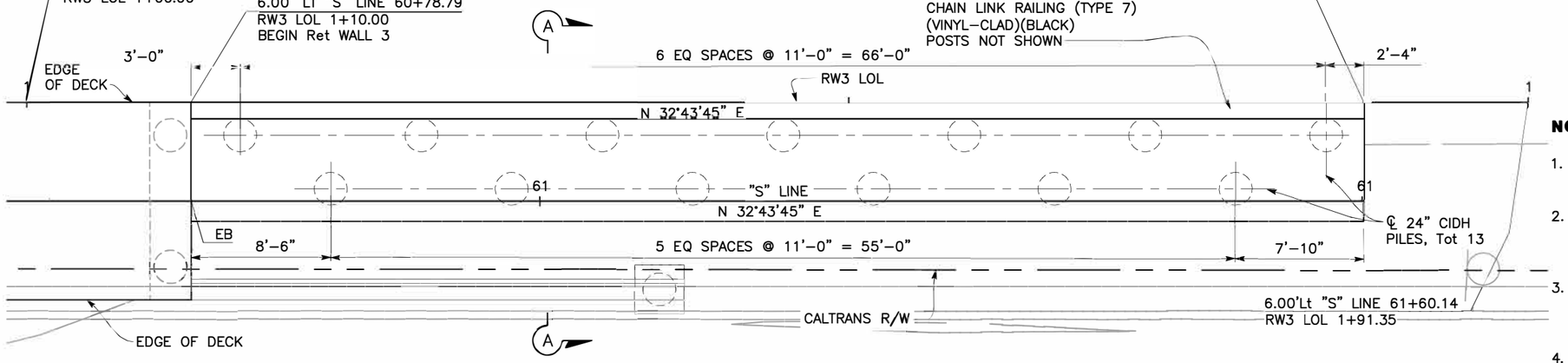
MIRRORED ELEVATION

¼" = 1'–0"



SECTION A-A

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.

DESIGN OVERSIGHT SAYGUNN LOW Feb. 2, 2024 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 RETAINING WALL NO. 3-GENERAL PLAN
		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 => Jan 30, 2024 TIME PLOTTED => 11:51 am USERNAME => eisneros
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 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	156	158

Anthony T. Dubovik II 1/15/24
REGISTERED CIVIL ENGINEER DATE

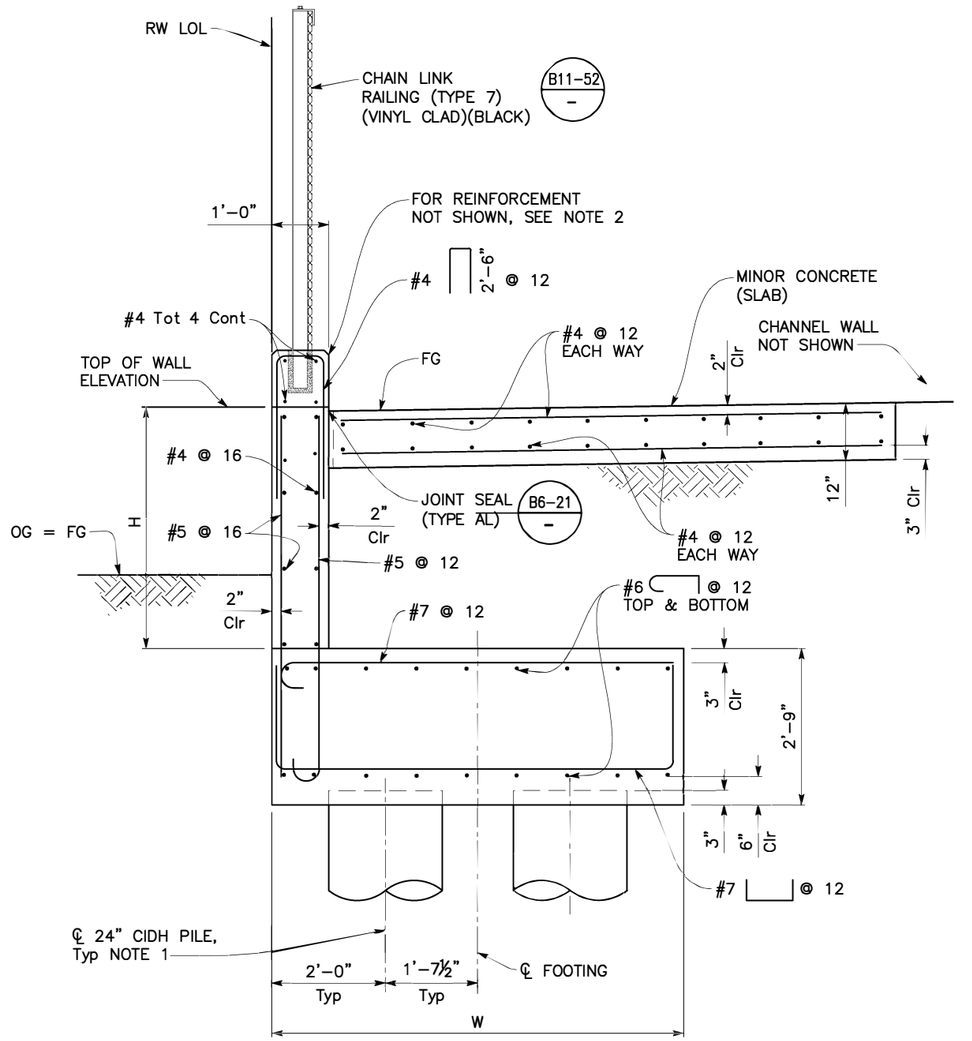
REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK II — No. 36372 — Exp. 06/30/24 — CIVIL — STATE OF CALIFORNIA

February 5, 2024
PLANS APPROVAL DATE

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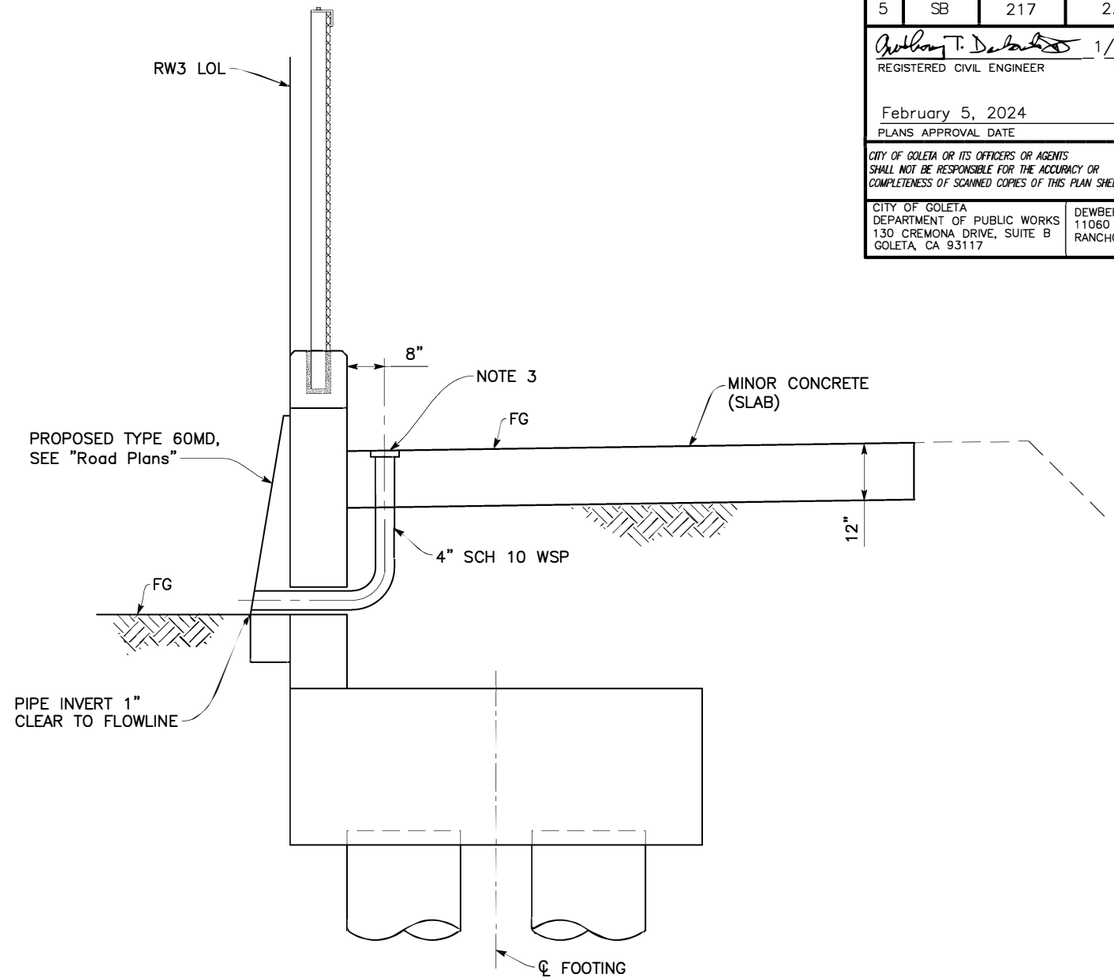
CITY OF GOLETA
DEPARTMENT OF PUBLIC WORKS
130 CREMONA DRIVE, SUITE B
GOLETA, CA 93117

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



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.

SAYGUNN LOW
DESIGN OVERSIGHT
Feb. 2, 2024
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 DETAILS

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REVISION 8/16/2021)

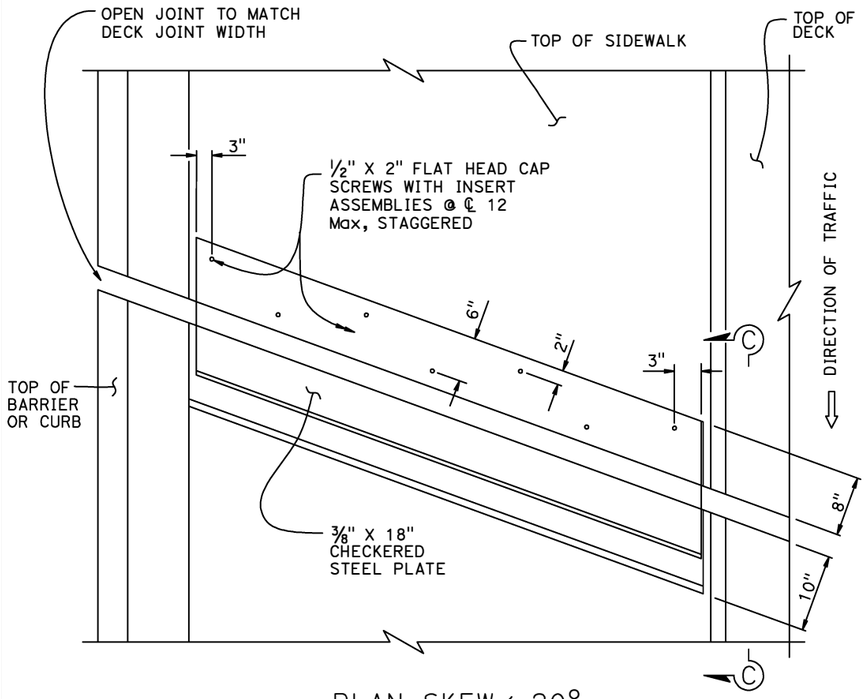
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TIME PLOTTED => 11:51 am
USERNAME => ecisneros
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

PROJECT NUMBER & PHASE: 05180002291
COUNTY/ROUTE: SB/217
CONTRACT No.: 05–1K6304

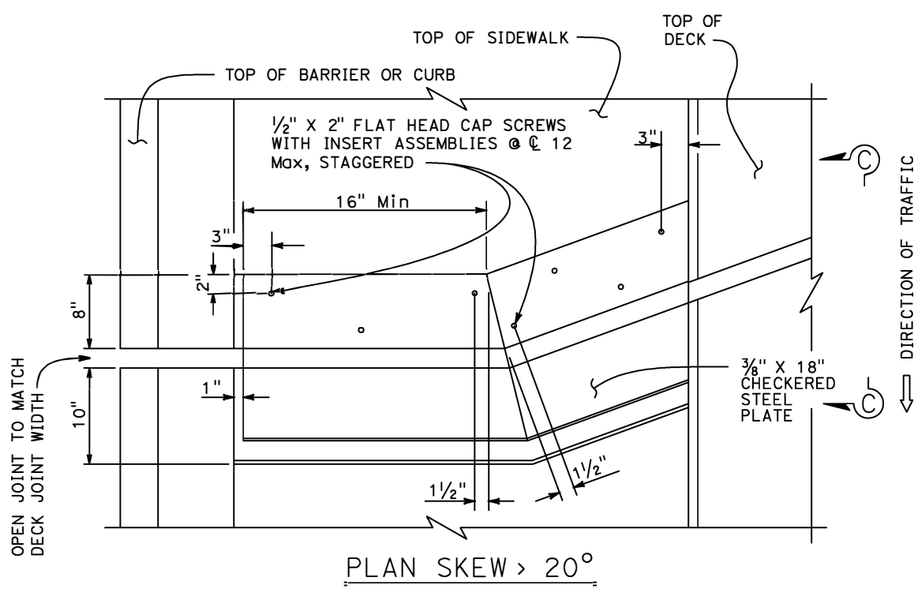
DISREGARD PRINTS BEARING EARLIER REVISION DATES →
REVISION DATES: 01/30/24 02/01/24 02/11/24

SHEET 29 OF 31

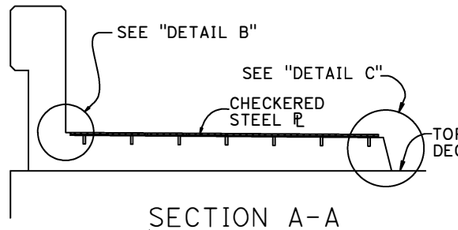
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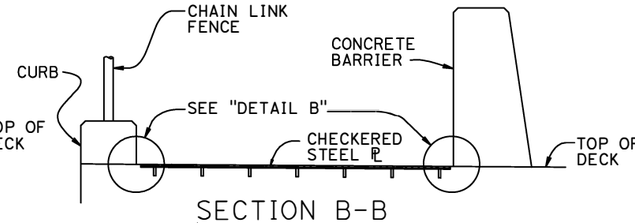
PLAN SKEW ≤ 20°



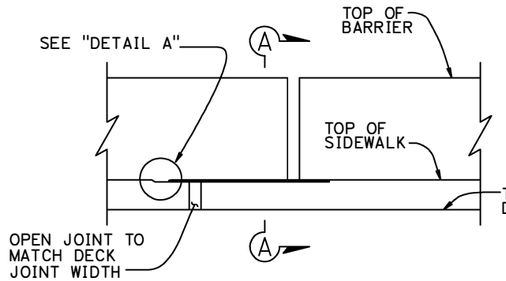
PLAN SKEW > 20°



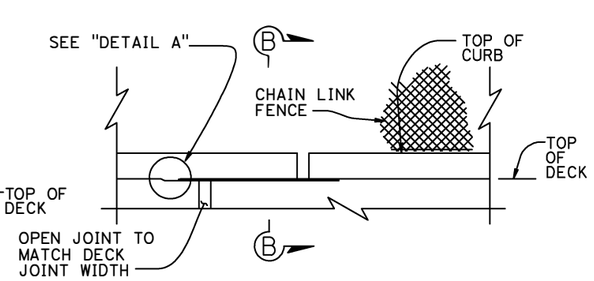
SECTION A-A



SECTION B-B

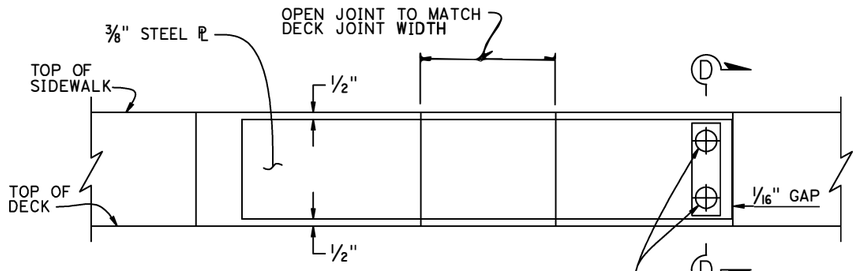


ELEVATION

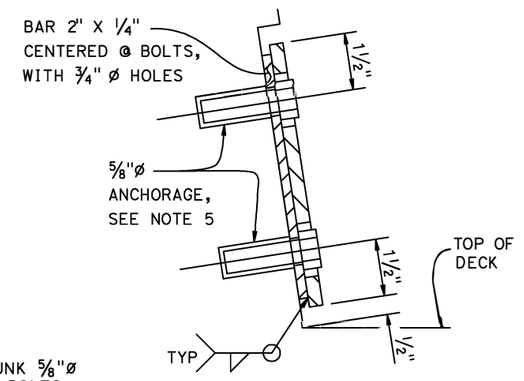


ELEVATION

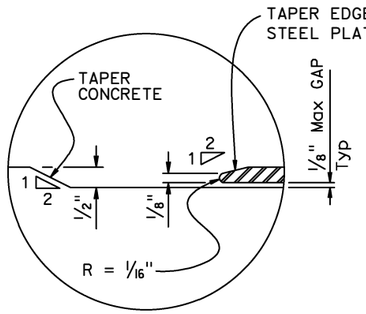
NOTE: Barrier not shown for clarity



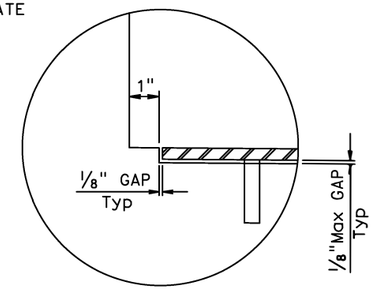
VIEW C-C



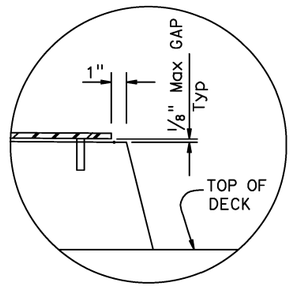
SECTION D-D



DETAIL A



DETAIL B



DETAIL C

NO SCALE

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SB	217	2.1/2.5	157	158

REGISTERED CIVIL ENGINEER — DATE 1/15/24

February 5, 2024
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANTHONY T. DUBOVIK III — No. 36372 — Exp. 06/30/24 — 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.

BRIDGE STANDARD DETAILS

xs8-050 (FILE NO.) | October 2018 (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

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => xs8-050.dgn
USERNAME => ecisneros
TIME PLOTTED => 11:51 am
DATE PLOTTED => Jan 30, 2024

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

UNIT:
PROJECT NUMBER & PHASE: 05180002291
CONTRACT NO.: 05-1K6304

BRIDGE NO. 51-0370
POST MILE 1.92

GOLETA POC

JOINT ARMOR FOR PEDESTRIAN WALKWAYS

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
7-31-14	9-11-18	10-2-18	6-20-18	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

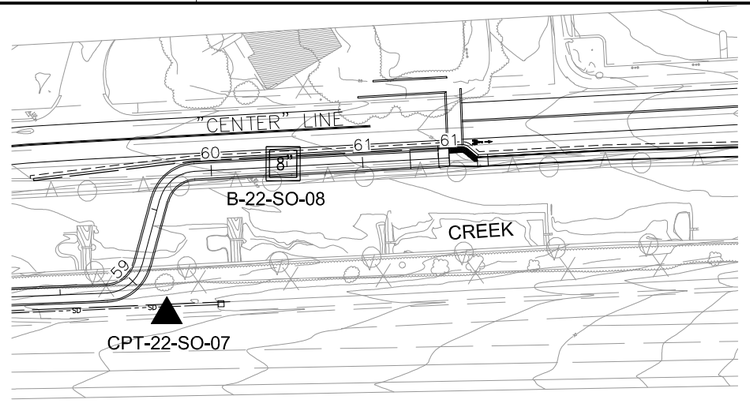
NOTES:

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	158	158

GEOTECHNICAL PROFESSIONAL — 5-18-23 DATE

February 5, 2024
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.

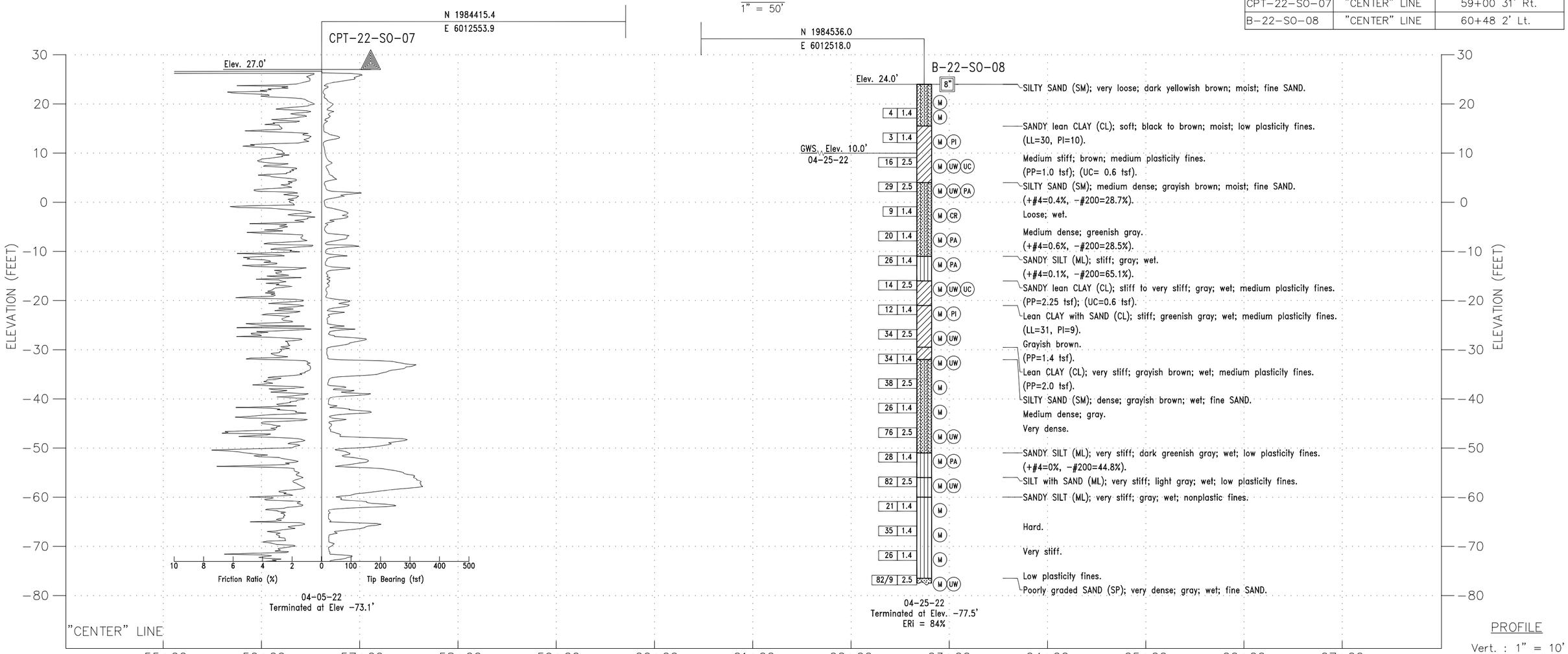
REGISTERED PROFESSIONAL ENGINEER — GARY PARIKH — No. G.E. 666 — EXP. 12/31/25 — GEOTECHNICAL — STATE OF CALIFORNIA

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.



PROFILE
Vert. : 1" = 10'
Hor. : 1" = 50'

DESIGN OVERSIGHT: SAYGUNN LOW Feb. 2, 2024 SIGN OFF DATE	DRAWN BY	KIM OUYANG	L.S. BHANGOO FIELD INVESTIGATION BY:	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	EMRE ORTAKCI PROJECT ENGINEER	BRIDGE NO. 51-0370 POST MILES 1.92
	CHECKED BY	EMRE ORTAKCI	DATE: April 2022			

GOLETA POC
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.: 05-1K6304

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES

238

SHEET 31 OF 31

FILE => $REQUEST

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
USERNAME => $USER