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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.


STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN SAN LUIS OBISPO COUNTY
AT OCEANO AT BEACH STREET
AND SEVENTEENTH STREET

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2022

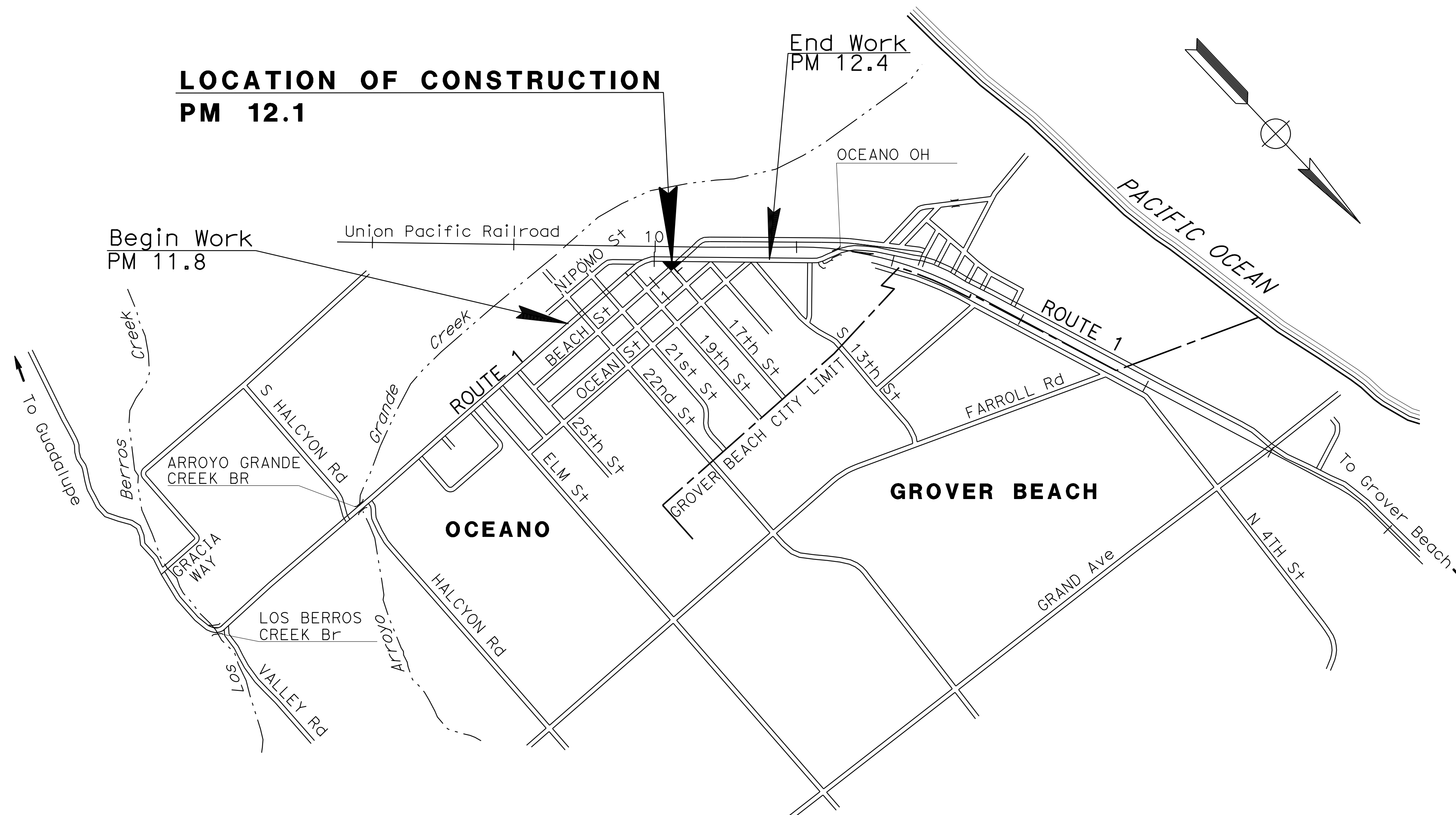
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	1	60





LOCATION MAP

LOCATION OF CONSTRUCTION
PM 12.1

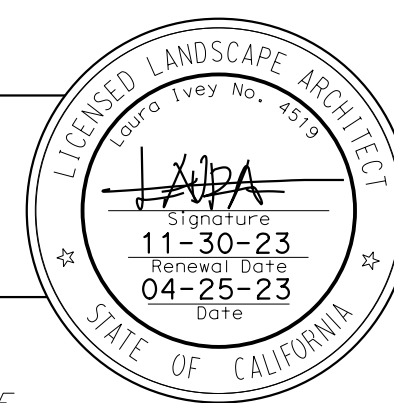


PROJECT MANAGER
PAUL VALADAO
 SENIOR LANDSCAPE ARCHITECT
CORBY KILMER

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

NO SCALE


 LICENSED LANDSCAPE ARCHITECT



MAY 1, 2023

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.

CONTRACT No.	05-1P5354
PROJECT ID	0522000074

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	2	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 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.

NOTES:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE
 2. WORK ON THIS SHEET CAN BE ADJUSTED TO AVOID CONFLICT WITH EXISTING UTILITIES. EXACT LOCATION OF HIGH PRIORITY UTILITIES IS NOT SHOWN.

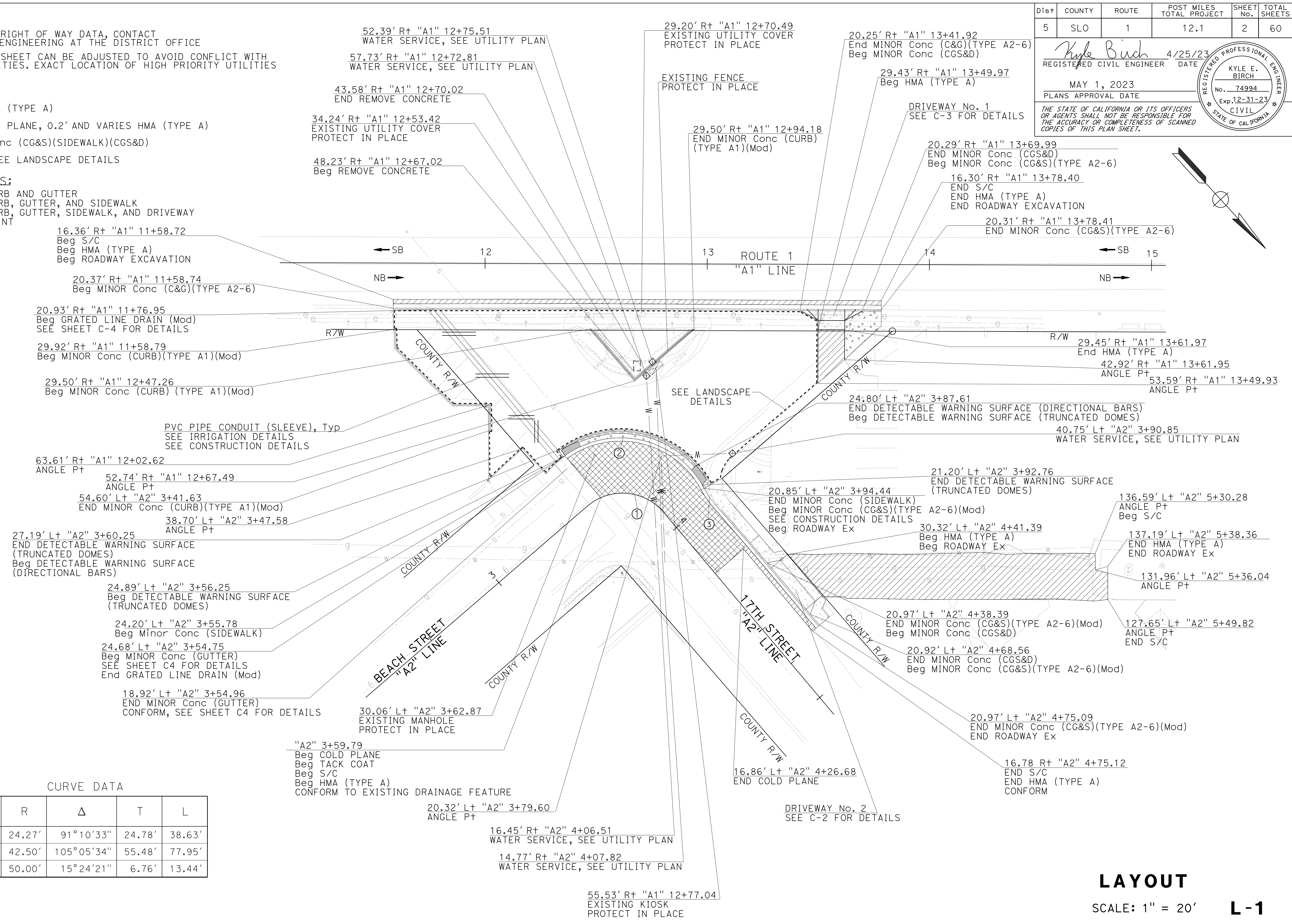
LEGEND:
 0.25' HMA (TYPE A)
 0.2' COLD PLANE, 0.2' AND VARIES HMA (TYPE A)
 MINOR Conc (CG&S)(SIDEWALK)(CG&S)
 PLAZA, SEE LANDSCAPE DETAILS

ABBREVIATIONS:
 C&G CURB AND GUTTER
 CG&S CURB, GUTTER, AND SIDEWALK
 CGS&D CURB, GUTTER, SIDEWALK, AND DRIVEWAY
 P+ POINT

REVISED BY: DYLAN ROBERTSON
 DATE REVISED: TRUMAN CHING
 CALCULATED/DESIGNED BY: KYLE BIRCH
 CHECKED BY: KYLE BIRCH
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 DEPARTMENT OF TRANSPORTATION DESIGN

CURVE DATA

No. #	R	Δ	T	L
1	24.27'	91°10'33"	24.78'	38.63'
2	42.50'	105°05'34"	55.48'	77.95'
3	50.00'	15°24'21"	6.76'	13.44'



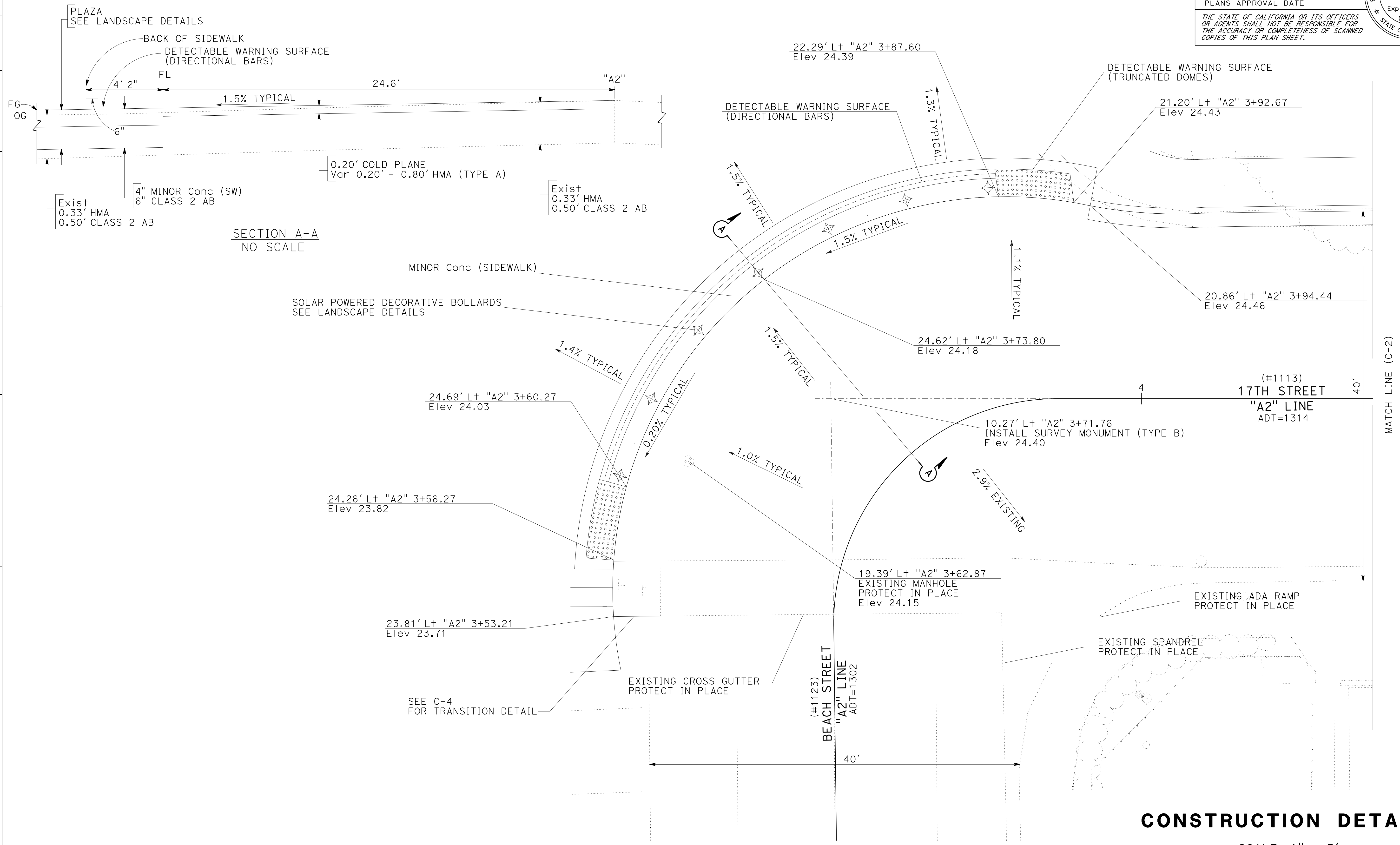
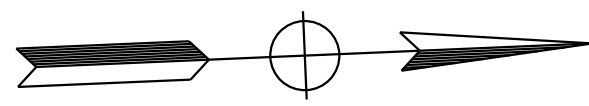
LAYOUT
 SCALE: 1" = 20' **L-1**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	3	60

<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE	
MAY 1, 2023 PLANS APPROVAL DATE	
<small>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.</small>	

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE
- WORK ON THIS SHEET CAN BE ADJUSTED TO AVOID CONFLICT WITH EXISTING UTILITIES. EXACT LOCATION OF HIGH PRIORITY UTILITIES IS NOT SHOWN.



CONSTRUCTION DETAILS

SCALE: 1" = 5' **C-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR KYLE BIRCH	
CALCULATED/DESIGNED BY KYLE BIRCH	
REVISOR DYLAN ROBERTSON	DATE KYLE BIRCH
REVISOR DYLAN ROBERTSON	DATE KYLE BIRCH

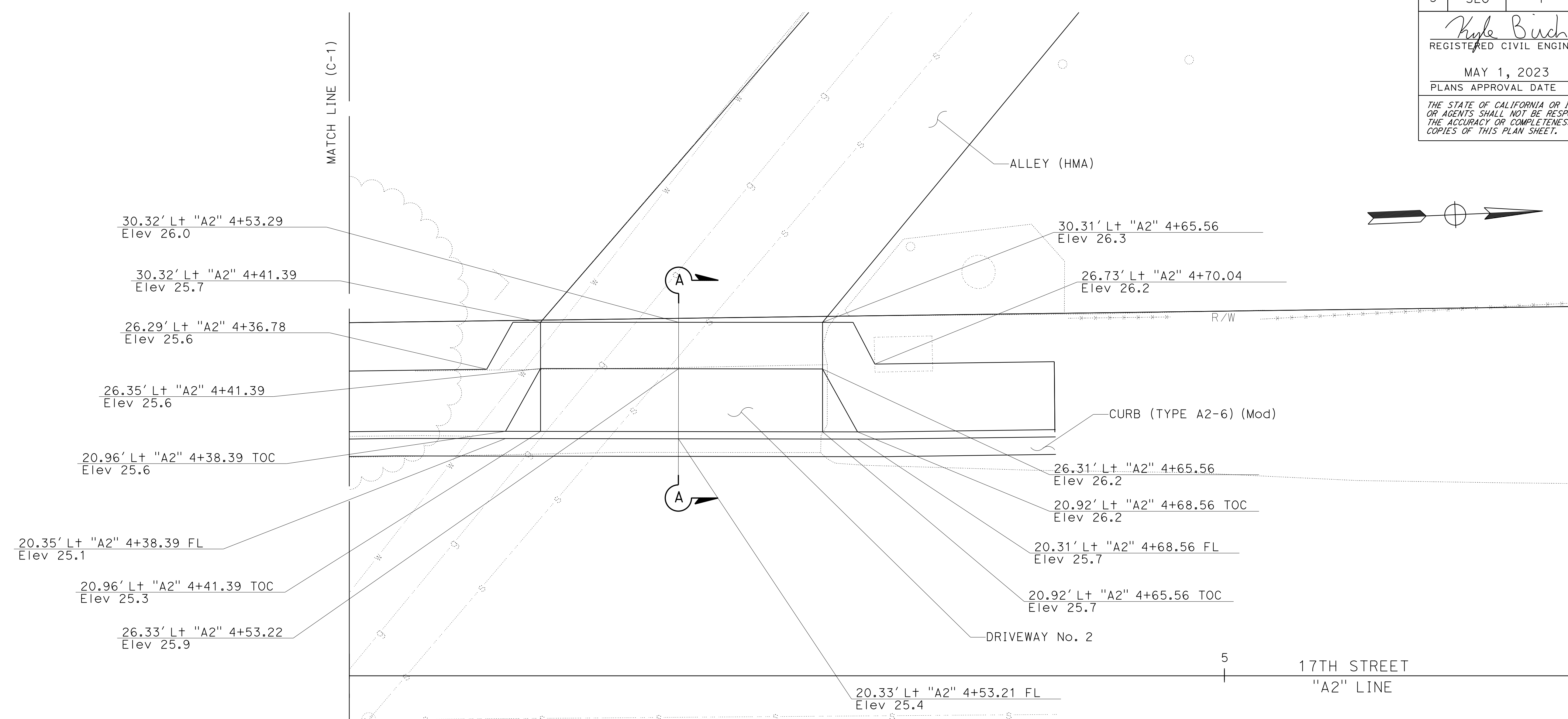
LAST REVISION DATE PLOTTED => 8/20/2022 04-25-23 TIME PLOTTED => 12:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	4	60

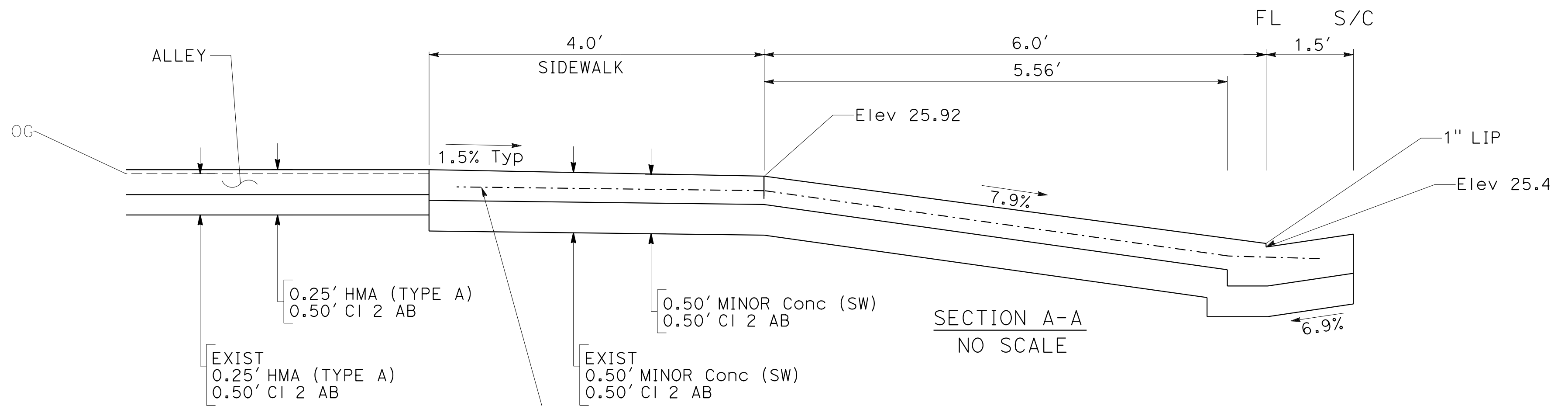
Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL
 STATE OF CALIFORNIA

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



DRIVEWAY No. 2
SCALE 1"=5'



CONSTRUCTION DETAILS
C-2

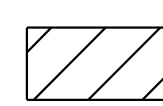
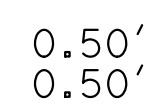
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	KYLE BIRCH
CALCULATED-DESIGNED BY	CHECKED BY
DYLAN ROBERTSON	TRUMAN CHING
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	5	60

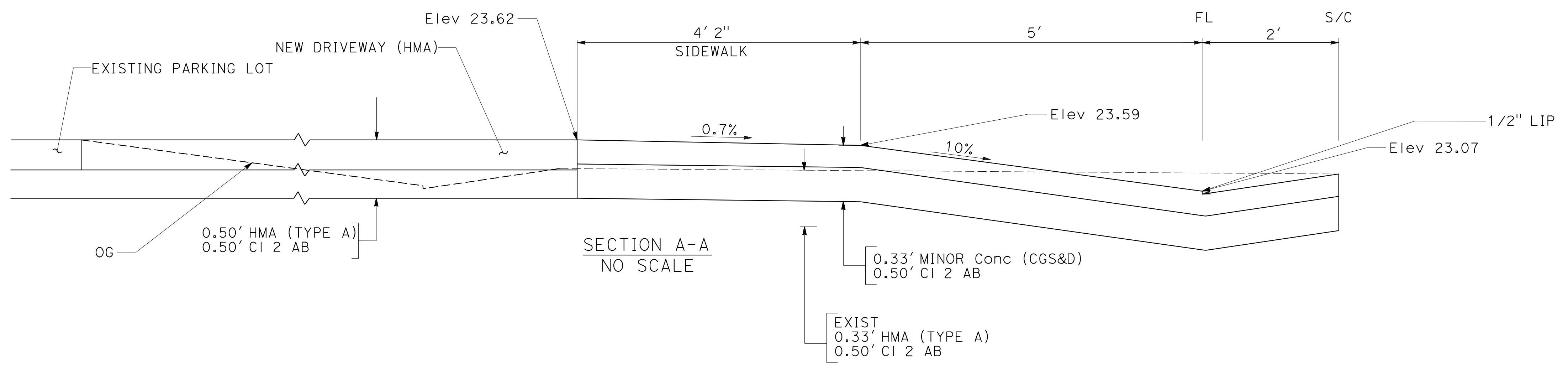
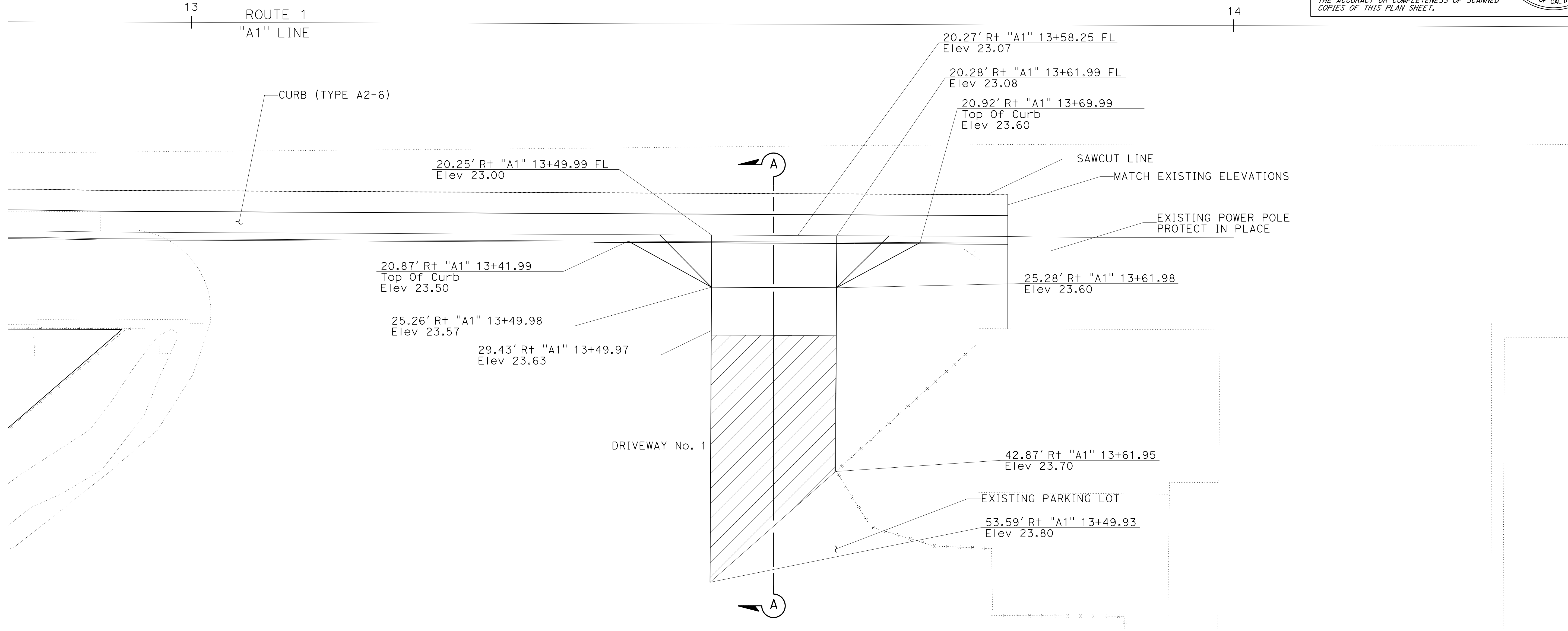
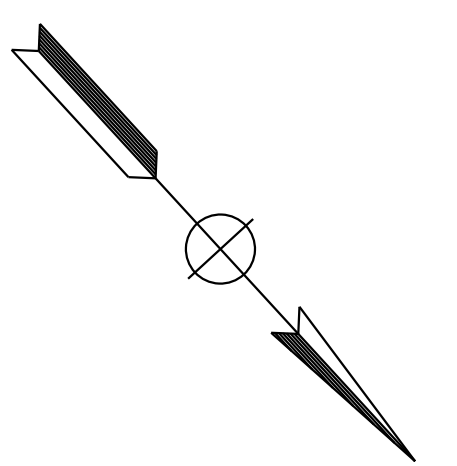
<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE	
MAY 1, 2023 PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER KYLE E. BIRCH No. 74994 Exp. 12-31-23 CIVIL STATE OF CALIFORNIA

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

LEGEND:
 0.50' HMA (TYPE A)
 0.50' CI 2 AB

ABBREVIATIONS:
 CGS&D CURB, GUTTER, SIDEWALK, AND DRIVEWAY



CONSTRUCTION DETAILS

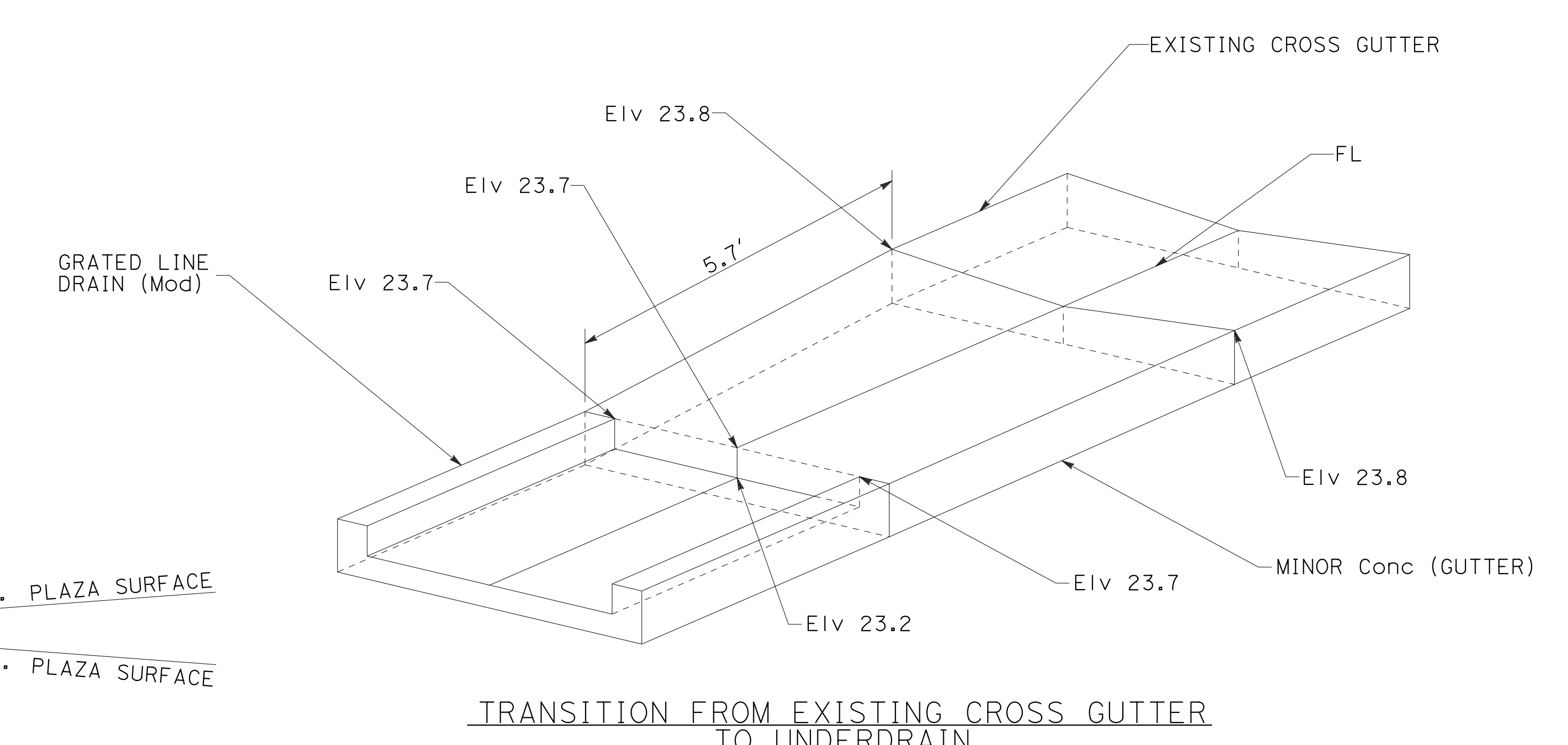
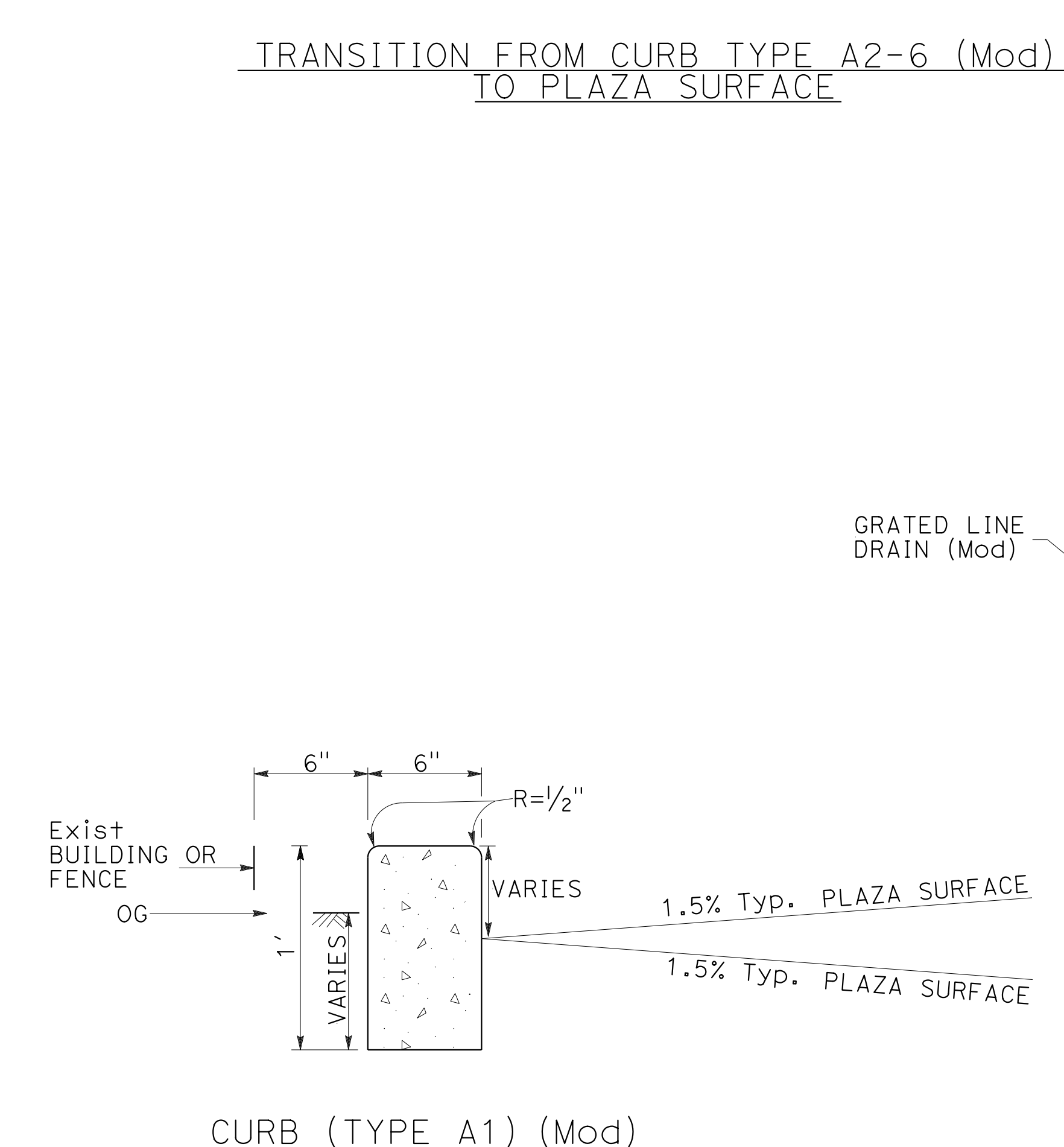
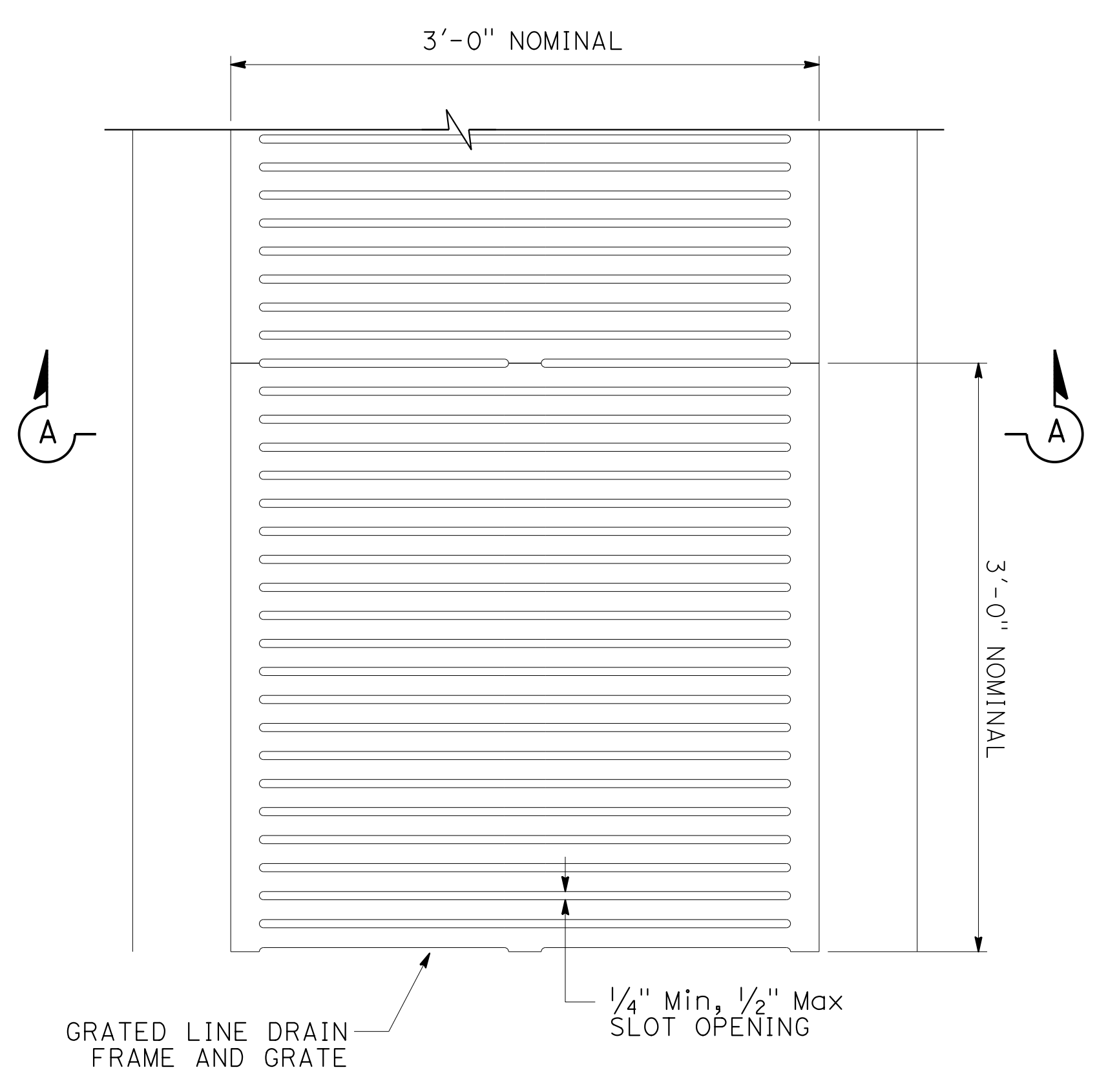
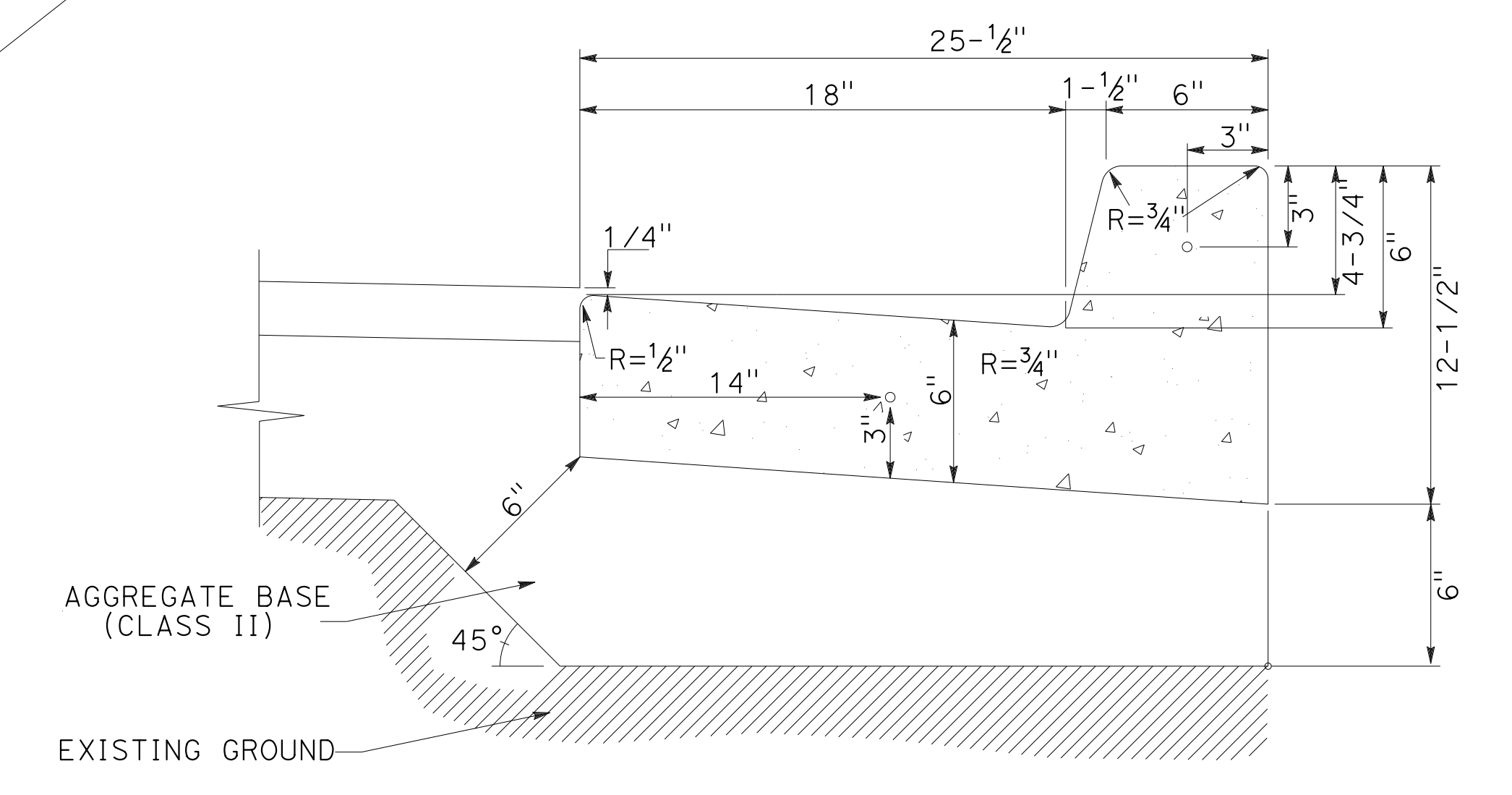
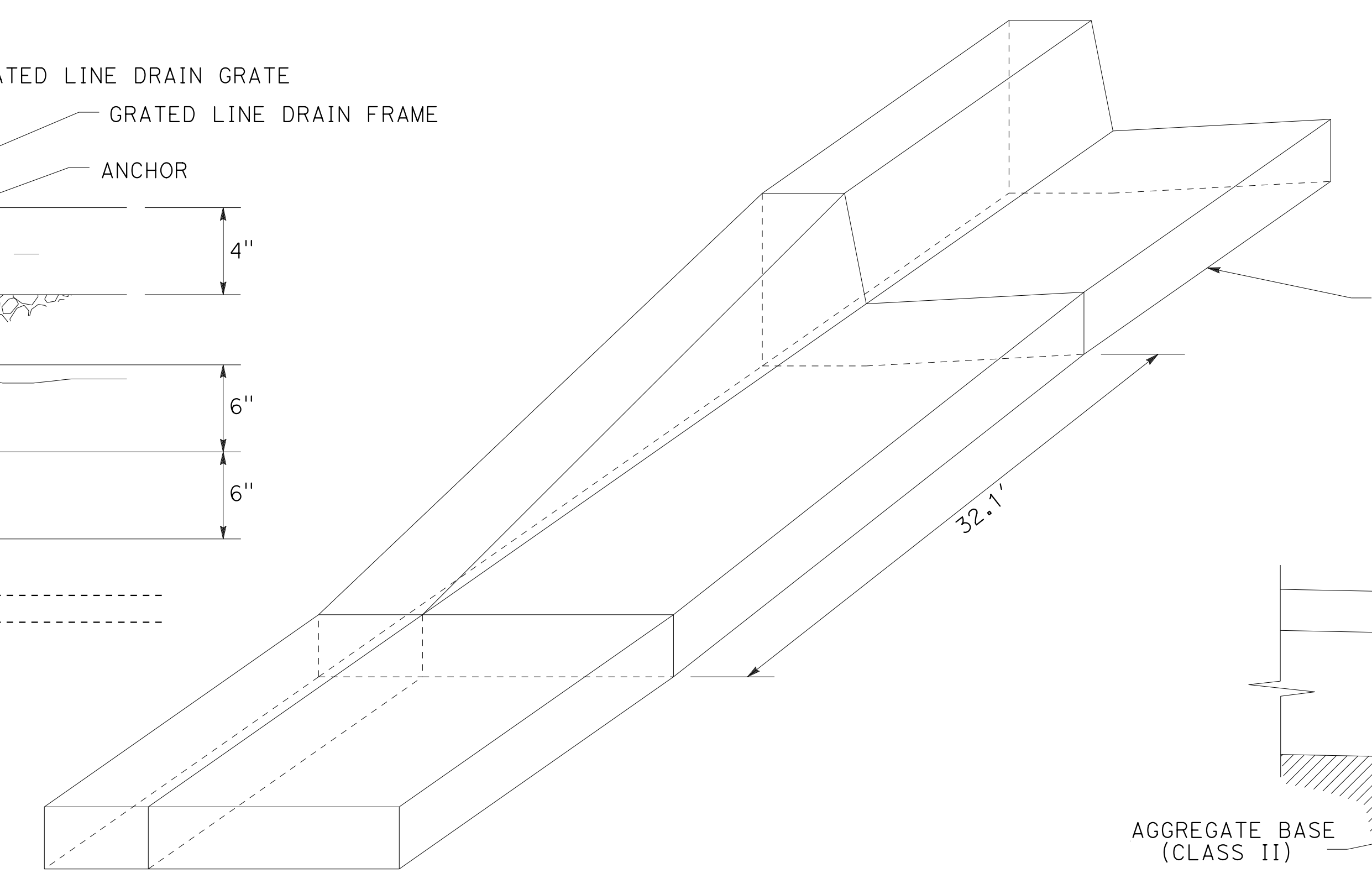
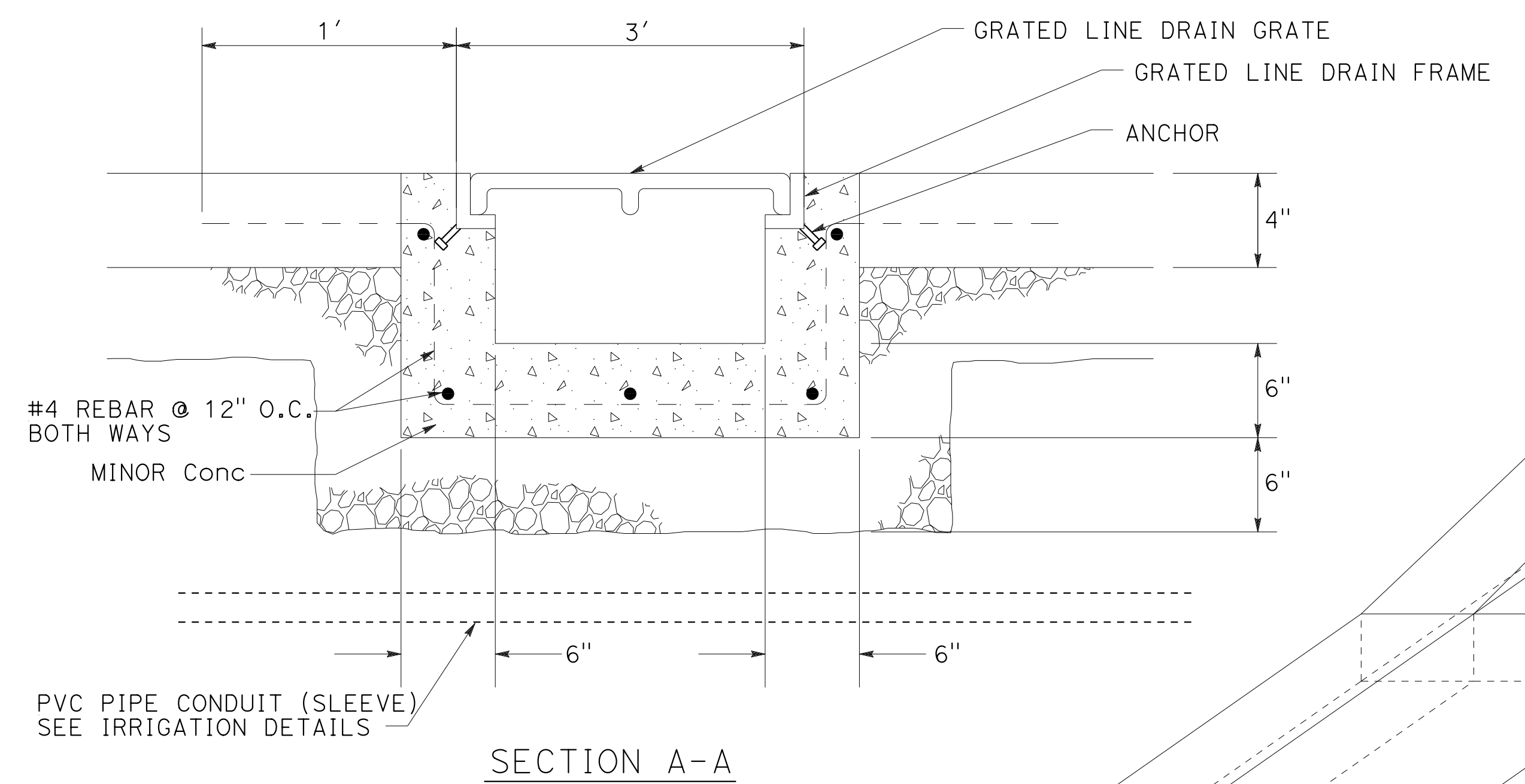
SCALE: 1" = 5' **C-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN
FUNCTIONAL SUPERVISOR KYLE BIRCH
CALCULATED-DESIGNED BY CHECKED BY
DYLAN ROBERTSON TRUMAN CHING
REVISED BY DATE
REVISOR DATE

LAST REVISION DATE PLOTTED => 8/20/2022
 04-25-23 TIME PLOTTED => 12:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	6	60

<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>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.</small>		



CONSTRUCTION DETAILS
NO SCALE **C-4**

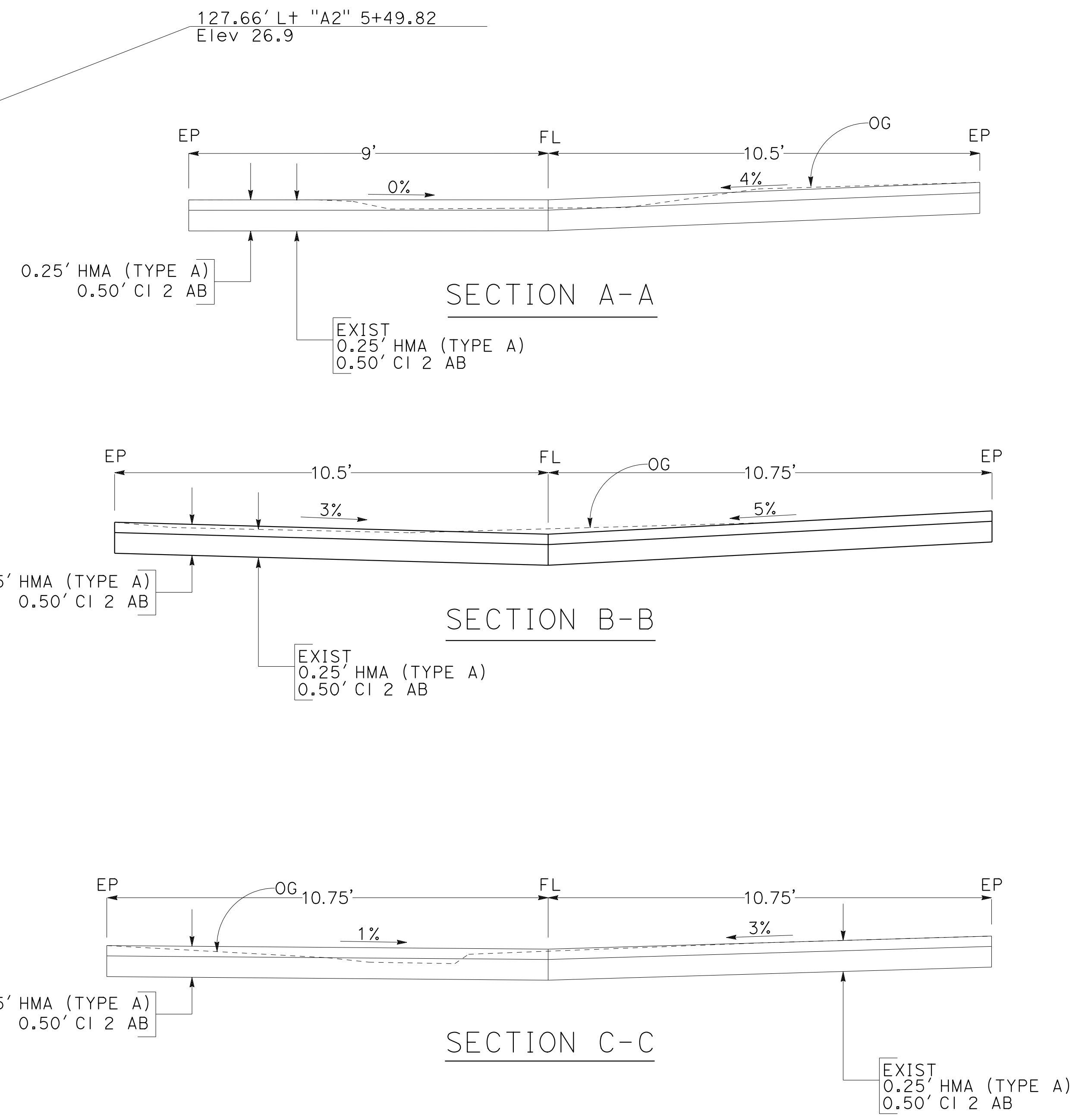
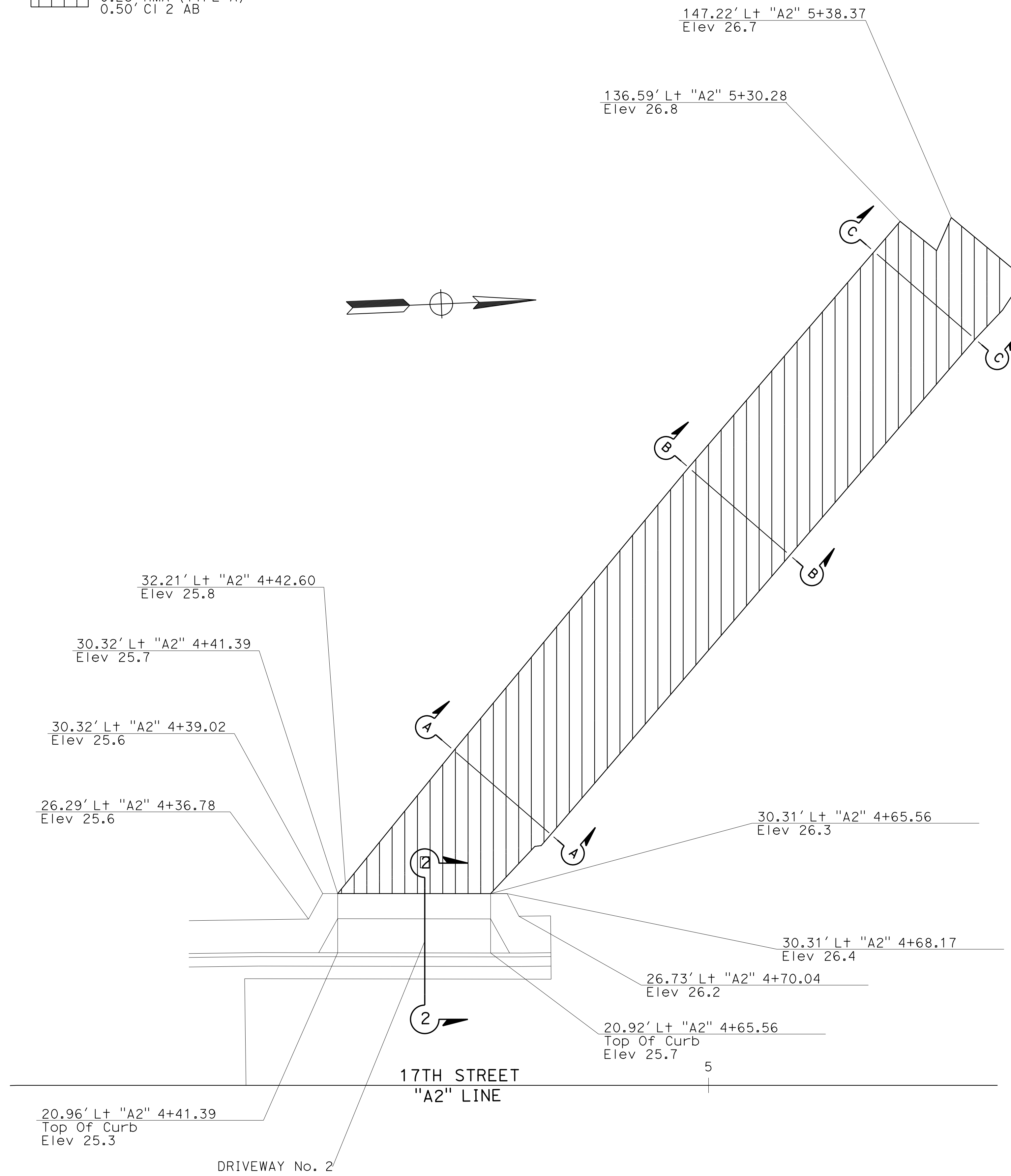
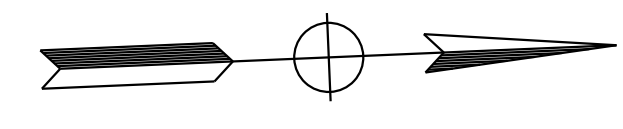
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 CALCULATED/DESIGNED BY: [Blank]
 CHECKED BY: [Blank]
 REVISIONS: [Blank]
 REVISOR: [Blank] DATE: [Blank]
 REVISOR: [Blank] DATE: [Blank]
 REVISOR: [Blank] DATE: [Blank]

LAST REVISION DATE PLOTTED => 8/20/2022
 04-25-23 TIME PLOTTED => 12:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	7	60

<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE	
MAY 1, 2023 PLANS APPROVAL DATE	
<small>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.</small>	

LEGEND:
 0.75' ROADWAY EX
 0.25' HMA (TYPE A)
 0.50' CI 2 AB



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	KYLE BIRCH
CALCULATED-DESIGNED BY	CHECKED BY
TRUMAN CHING	DYLAN ROBERTSON
REVISOR BY	DATE REVISED
TC	7/25/22

LAST REVISION | DATE PLOTTED => 8/20/2022
 04-25-23 | TIME PLOTTED => 12:00

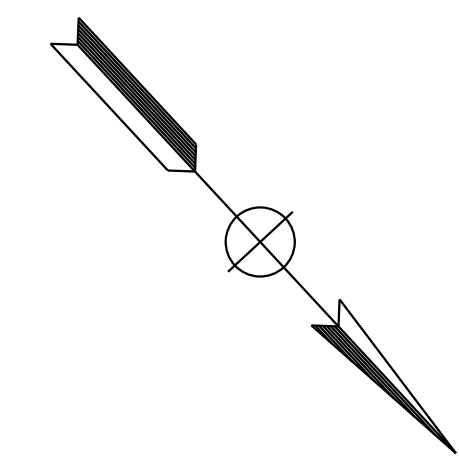
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	8	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL
 STATE OF CALIFORNIA

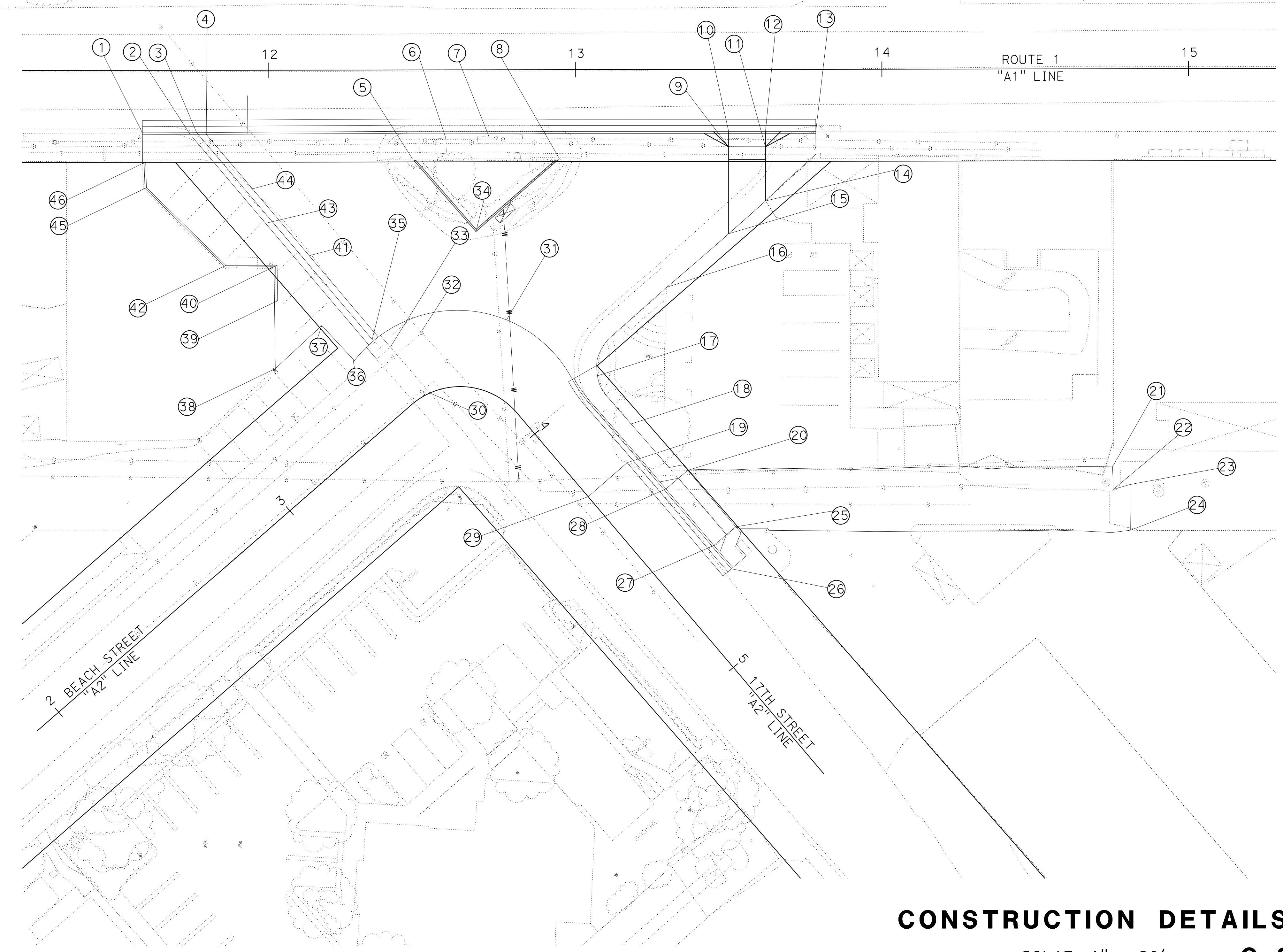
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ABBREVIATIONS:
 FL FLOWLINE
 TOC TOP OF CURB
 AP ANGLE POINT
 SW SIDEWALK



SPOT ELEVATIONS

POINT NO.	LINE	STATION	OFFSET (FT)	L+/R+	Elev (FT)	LOCATION
1	A1	11+58.74	20.37	R+	22.2	FL
2	A1	11+74.33	20.94	R+	23.0	TOC
3	A1	11+76.43	20.31	R+	22.6	FL
4	A1	11+79.58	20.92	R+	23.0	TOC
5	A1	12+46.82	29.00	R+	23.2	TOC
6	A1	12+57.76	22.42	R+	23.1	UTILITY BOX
7	A1	12+71.73	21.62	R+	23.1	UTILITY BOX
8	A1	12+94.75	29.00	R+	23.4	TOC
9	A1	13+49.98	25.26	R+	23.6	AP
10	A1	13+49.98	20.26	R+	23.1	FL
11	A1	13+61.98	25.28	R+	23.6	AP
12	A1	13+61.98	20.28	R+	23.1	FL
13	A1	13+78.41	20.31	R+	23.2	FL
14	A1	13+61.95	42.92	R+	23.7	AP
15	A1	13+49.93	53.59	R+	23.8	AP
16	A2	3+91.45	63.77	L+	23.9	EP
17	A2	3+98.81	27.85	L+	24.7	SW
18	A2	4+17.90	26.04	L+	25.2	SW
19	A2	4+26.68	16.86	L+	25.0	AP
20	A2	4+41.39	30.32	L+	25.7	AP
21	A2	5+30.28	136.60	L+	26.8	AP
22	A2	5+36.04	131.96	L+	26.5	AP
23	A2	5+38.36	137.19	L+	26.7	AP
24	A2	5+49.82	127.65	L+	26.9	AP
25	A2	4+65.56	30.31	L+	26.3	AP
26	A2	4+75.09	20.36	L+	26.0	FL
27	A2	4+65.56	20.92	L+	26.2	AP
28	A2	4+41.39	20.96	L+	25.6	AP
29	A2	4+26.90	0.00	L+	25.6	AP
30	A2	3+59.79	0.00	L+	24.1	AP
31	A2	3+77.66	24.17	L+	24.2	AP
32	A2	3+62.97	19.96	L+	24.1	MANHOLE
33	A2	3+56.61	19.30	L+	23.8	AP
34	A2	3+71.62	50.74	L+	23.7	AP
35	A2	3+54.75	24.68	L+	23.2	FL
36	A2	3+48.03	23.70	L+	23.8	AP
37	A2	3+47.58	38.70	L+	23.9	AP
38	A2	3+26.91	38.08	L+	24.4	AP
39	A2	3+42.01	54.27	L+	24.3	TOC
40	A2	3+49.53	63.11	L+	24.1	TOC
41	A2	3+54.57	58.84	L+	23.6	TOC
42	A2	3+36.88	74.01	L+	23.7	AP
43	A1	11+98.87	49.94	R+	23.4	TOC
44	A1	11+94.60	38.68	R+	23.2	TOC
45	A1	11+60.03	38.24	R+	23.9	TOC
46	A1	11+59.78	29.89	R+	22.9	TOC



CONSTRUCTION DETAILS

SCLAE: 1" = 20'

C-6

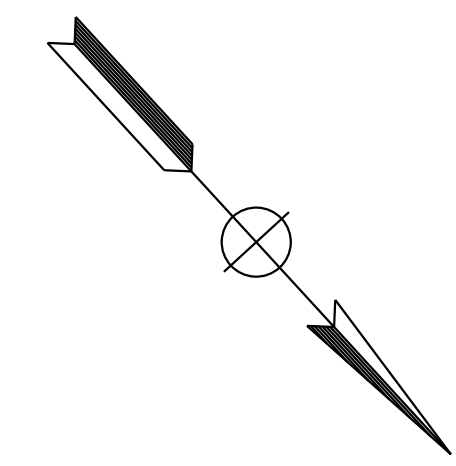
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 CALCULATED/DESIGNED BY: DYLAN ROBERTSON
 CHECKED BY: TRUMAN CHING
 REVISED BY: DATE REVISIONS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	9	60

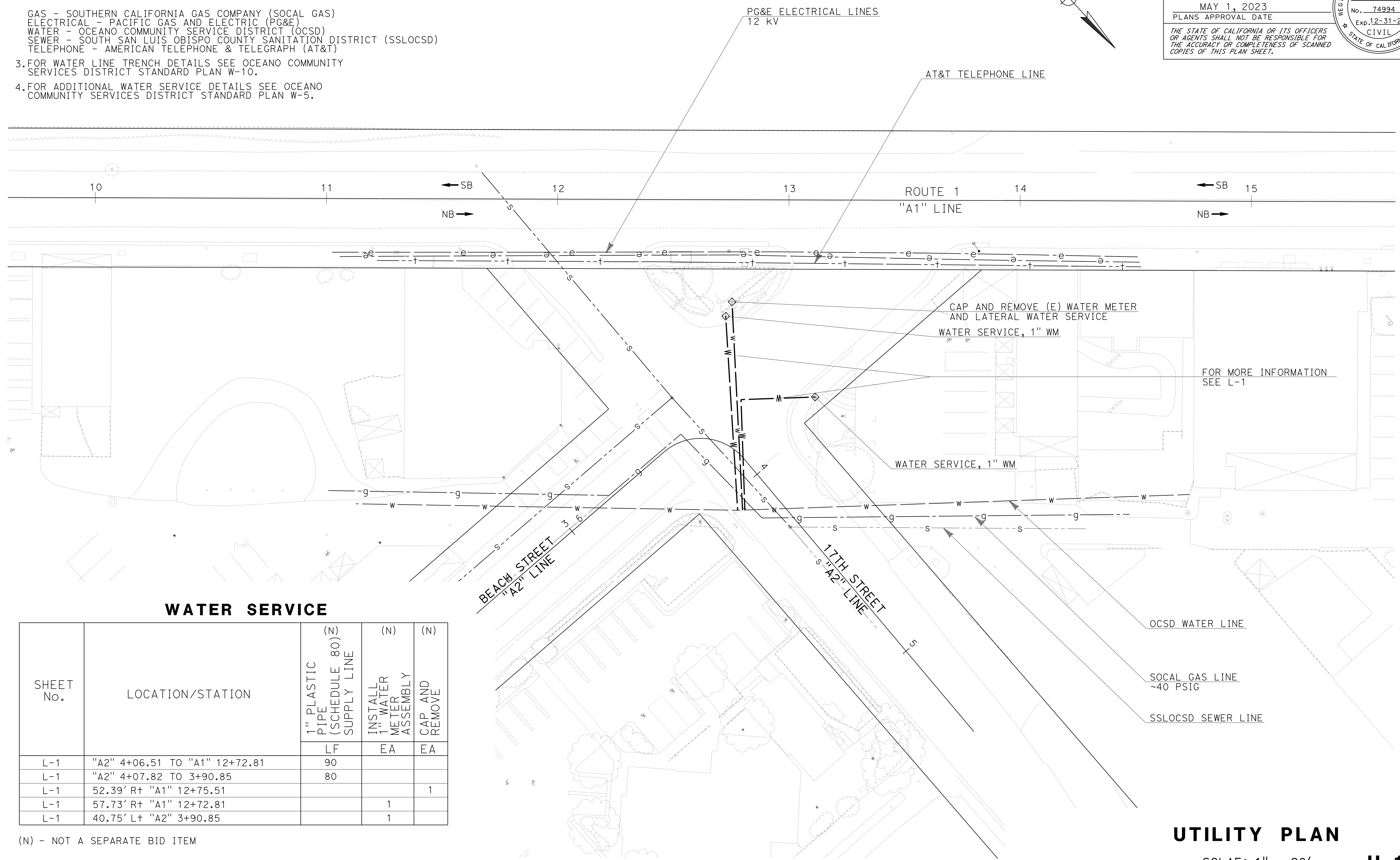
Kyle Birch 4-25-23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE
 No. 74994
 Exp. 12-31-23
 KYLE E. BIRCH
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 STATE OF CALIFORNIA

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

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE
 - UTILITY OWNERSHIP:
 GAS - SOUTHERN CALIFORNIA GAS COMPANY (SOCAL GAS)
 ELECTRICAL - PACIFIC GAS AND ELECTRIC (PG&E)
 WATER - OCEANO COMMUNITY SERVICE DISTRICT (OCSD)
 SEWER - SOUTH SAN LUIS OBISPO COUNTY SANITATION DISTRICT (SSLOCSD)
 TELEPHONE - AMERICAN TELEPHONE & TELEGRAPH (AT&T)
 - FOR WATER LINE TRENCH DETAILS SEE OCEANO COMMUNITY SERVICES DISTRICT STANDARD PLAN W-10.
 - FOR ADDITIONAL WATER SERVICE DETAILS SEE OCEANO COMMUNITY SERVICES DISTRICT STANDARD PLAN W-5.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	KYLE BIRCH
CALCULATED-DESIGNED BY	CHECKED BY
DYLAN ROBERTSON	TRUMAN CHING
REVISOR	DATE



WATER SERVICE

SHEET No.	LOCATION/STATION	(N)		
		1" PLASTIC PIPE (SCHEDULE 80) SUPPLY LINE	INSTALL 1" WATER METER ASSEMBLY	CAP AND REMOVE
L-1	"A2" 4+06.51 TO "A1" 12+72.81	LF	EA	EA
L-1	"A2" 4+07.82 TO 3+90.85	80		
L-1	52.39' R+ "A1" 12+75.51			1
L-1	57.73' R+ "A1" 12+72.81		1	
L-1	40.75' L+ "A2" 3+90.85		1	

(N) - NOT A SEPARATE BID ITEM

UTILITY PLAN
 SCLAE: 1" = 20'
U-1

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	10	60

Kyle Birch 04/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL
 STATE OF CALIFORNIA

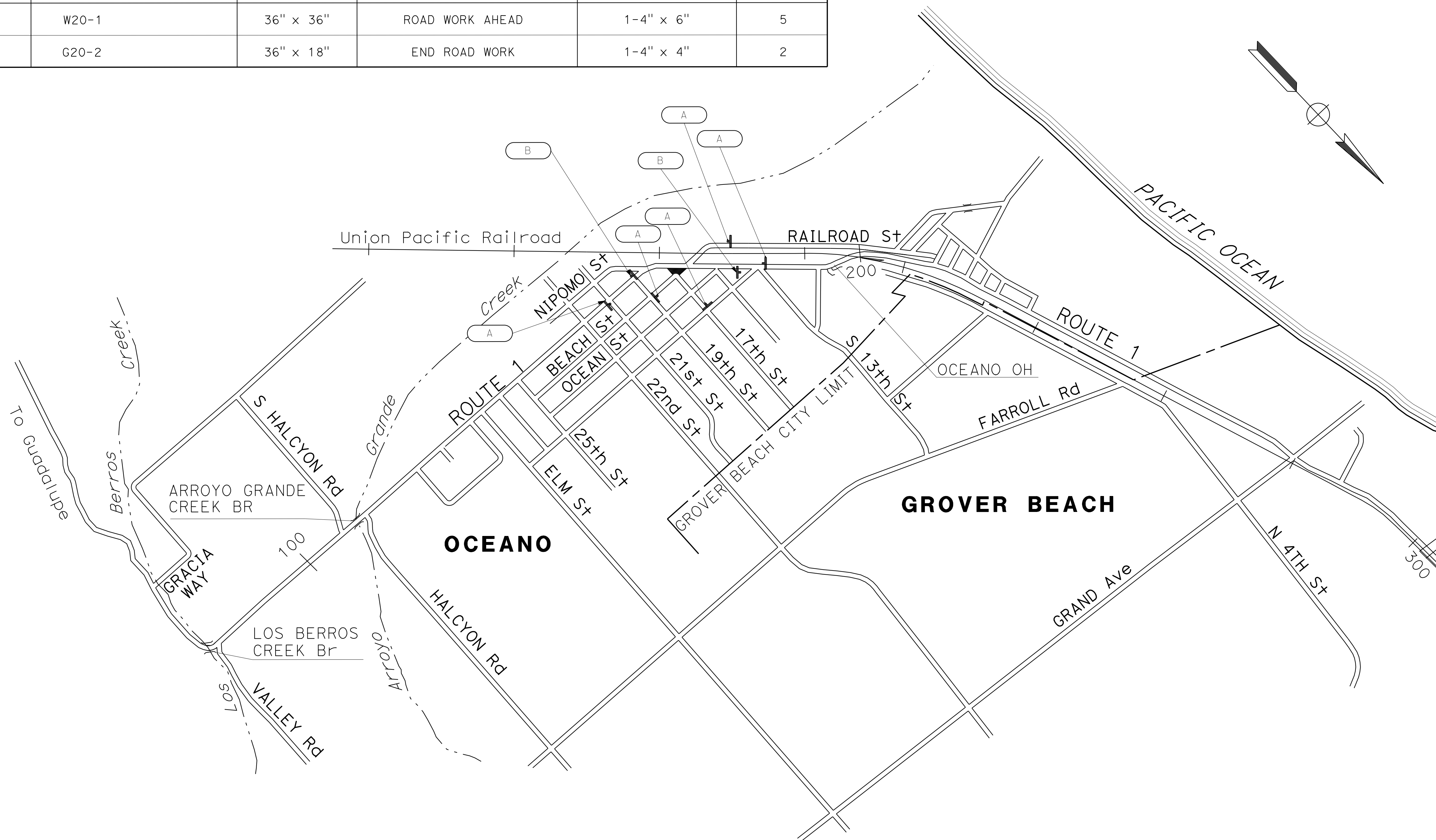
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- EXACT LOCATION AND POSITION OF SIGNS WILL BE DETERMINED BY THE ENGINEER.
- SIGN POST LENGTH ARE APPROXIMATE, EXACT SIZE AND LENGTH WILL BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE MOTORIST INFORMATION PLANS AND TRAFFIC HANDLING PLANS.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No. (X)	DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
(A)	W20-1	36" x 36"	ROAD WORK AHEAD	1-4" x 6"	5
(B)	G20-2	36" x 18"	END ROAD WORK	1-4" x 4"	2



CONSTRUCTION AREA SIGNS
NO SCALE **CS-1**

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans
 TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 CALCULATED/DESIGNED BY: TRUMAN CHING
 CHECKED BY: DYLAN ROBERTSON
 REVISED BY: DATE REVISED

LAST REVISION | DATE PLOTTED => 23-MAY-2023
 04-25-23 | TIME PLOTTED => 09:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	11	60

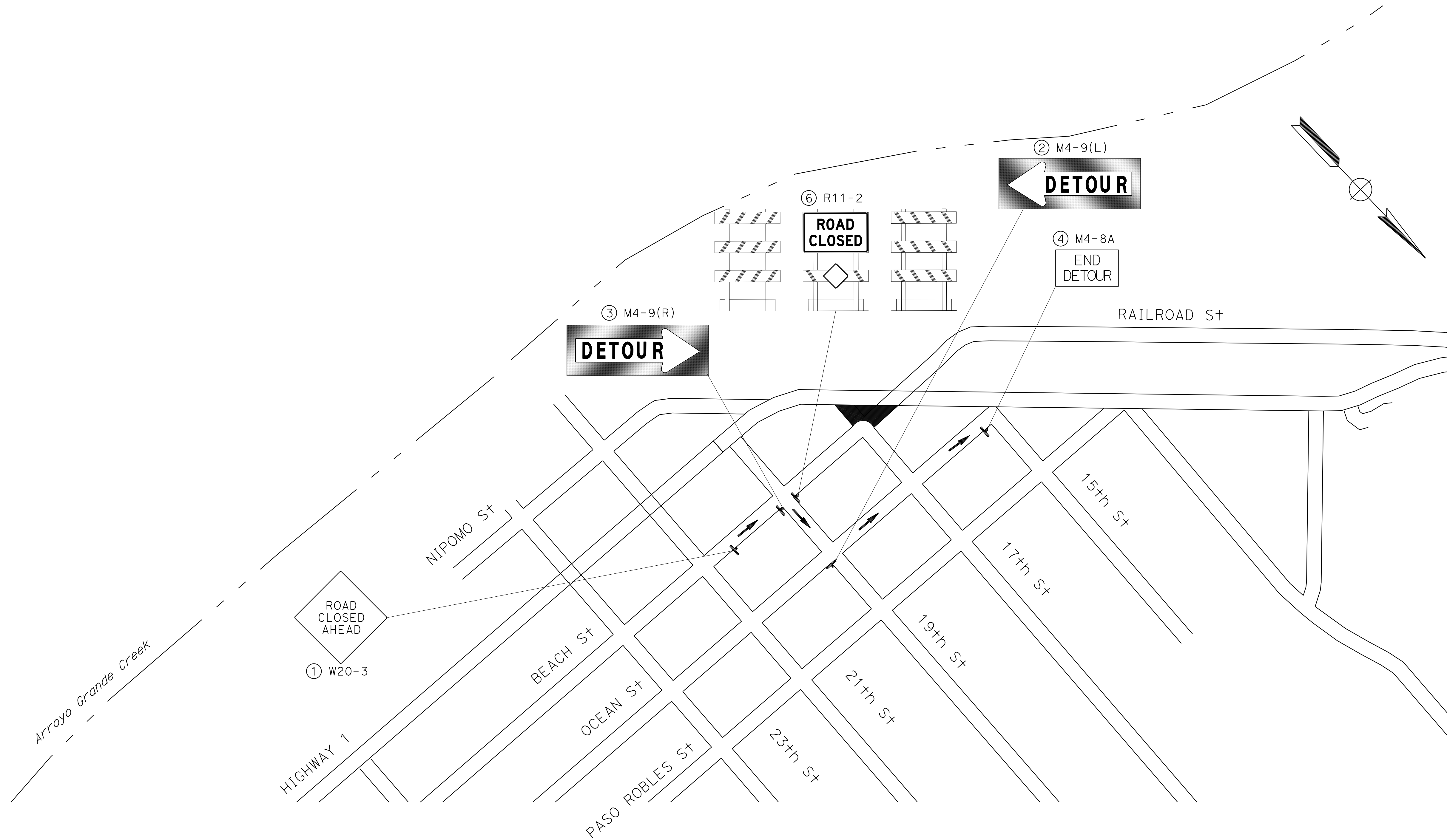
<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONSTRUCTION AREA SIGN PLAN AND TRAFFIC HANDLING PLAN

DETOUR PLAN:

DETOUR TO HIGHWAY 1 FOR WESTBOUND TRAFFIC ON BEACH STREET



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	TRUMAN CHING	REVISOR
Caltrans	KYLE BIRCH	DYLAN ROBERTSON	DATE
TRAFFIC DESIGN			

APPROVED FOR MOTORIST INFORMATION WORK ONLY

MOTORIST INFORMATION PLAN
NO SCALE
MI-1



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	12	60

<i>Kyle Birch</i>	4/25/23
REGISTERED CIVIL ENGINEER	DATE
MAY 1, 2023	
PLANS APPROVAL DATE	

KYLE E. BIRCH
No. 74994
Exp. 12-31-23
CIVIL

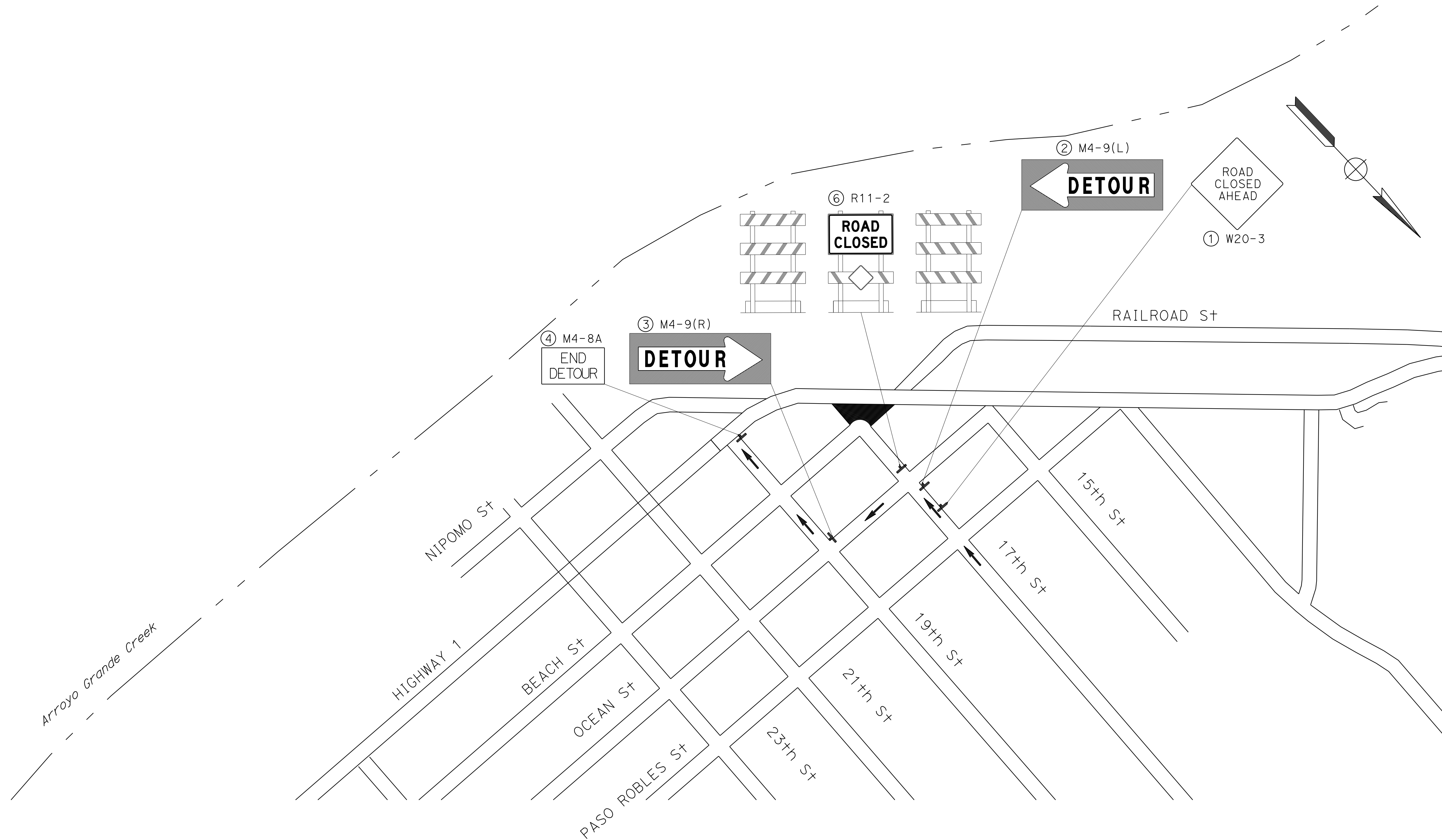
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONSTRUCTION AREA SIGN PLAN AND TRAFFIC HANDLING PLAN

DETOUR PLAN:

DETOUR TO HIGHWAY 1 FOR SOUTHBOUND TRAFFIC ON 17TH STREET



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	TRUMAN CHING	REVISED BY
Caltrans	KYLE BIRCH	CHECKED BY	DYLAN ROBERTSON	DATE REVISED
TRAFFIC DESIGN				

APPROVED FOR MOTORIST INFORMATION WORK ONLY

MOTORIST INFORMATION PLAN
NO SCALE
MI-2



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	13	60

<i>Kyle Birch</i>	4/25/23
REGISTERED CIVIL ENGINEER	DATE
MAY 1, 2023	
PLANS APPROVAL DATE	

KYLE E. BIRCH
No. 74994
Exp. 12-31-23
CIVIL

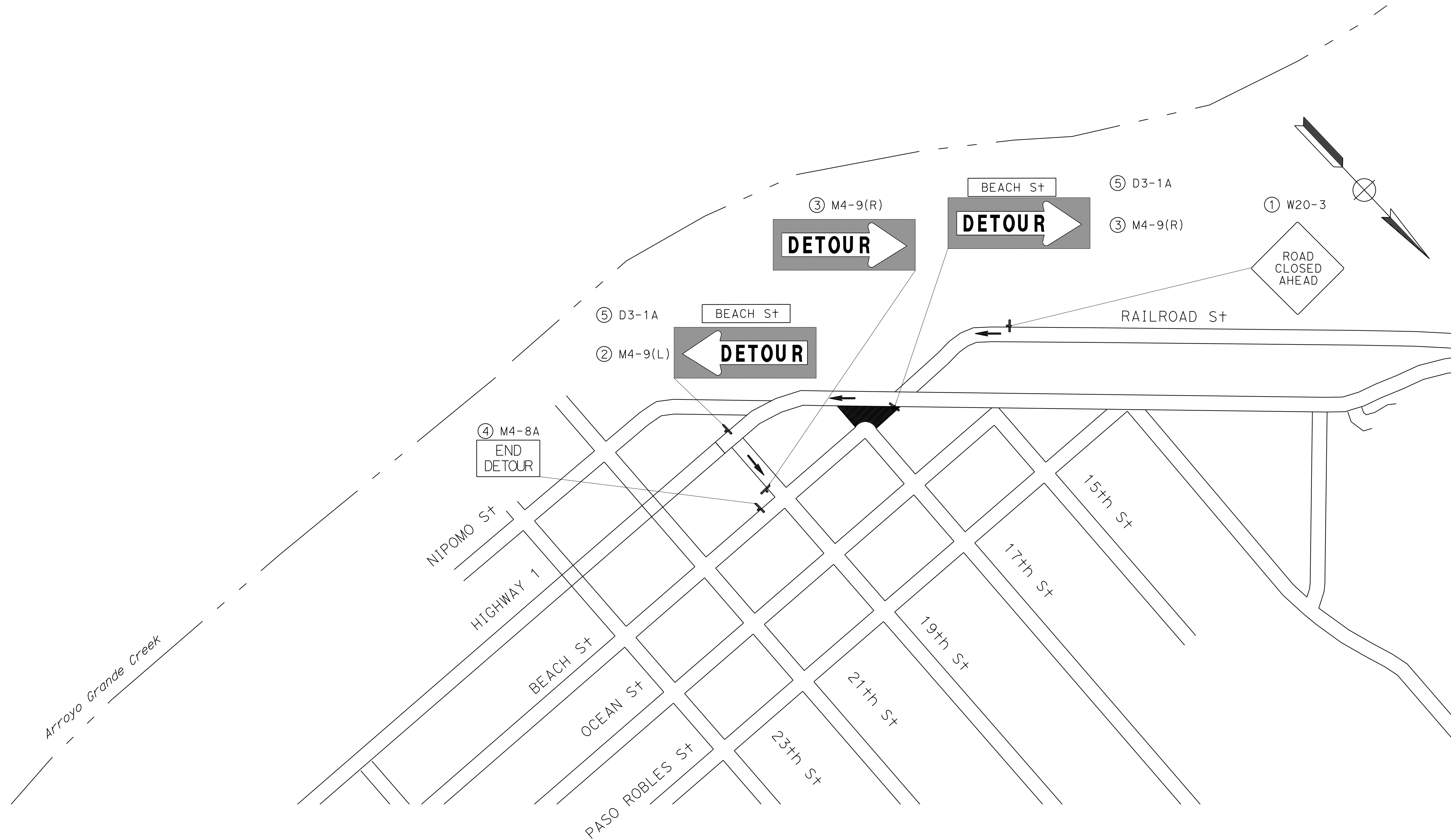
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NOTES:

- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONSTRUCTION AREA SIGN PLAN AND TRAFFIC HANDLING PLAN

DETOUR PLAN:

DETOUR TO BEACH STREET FOR SOUTHBOUND TRAFFIC ON RAILROAD STREET



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	TRUMAN CHING	REVISED BY
Caltrans	KYLE BIRCH	CHECKED BY	DYLAN ROBERTSON	DATE REVISED
TRAFFIC DESIGN				

APPROVED FOR MOTORIST INFORMATION WORK ONLY

MOTORIST INFORMATION PLAN
NO SCALE
MI-3



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	14	60

<i>Kyle Birch</i> 4/25/23	
REGISTERED CIVIL ENGINEER	DATE
MAY 1, 2023	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
KYLE E. BIRCH
No. 74994
Exp. 12-31-23
CIVIL

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.

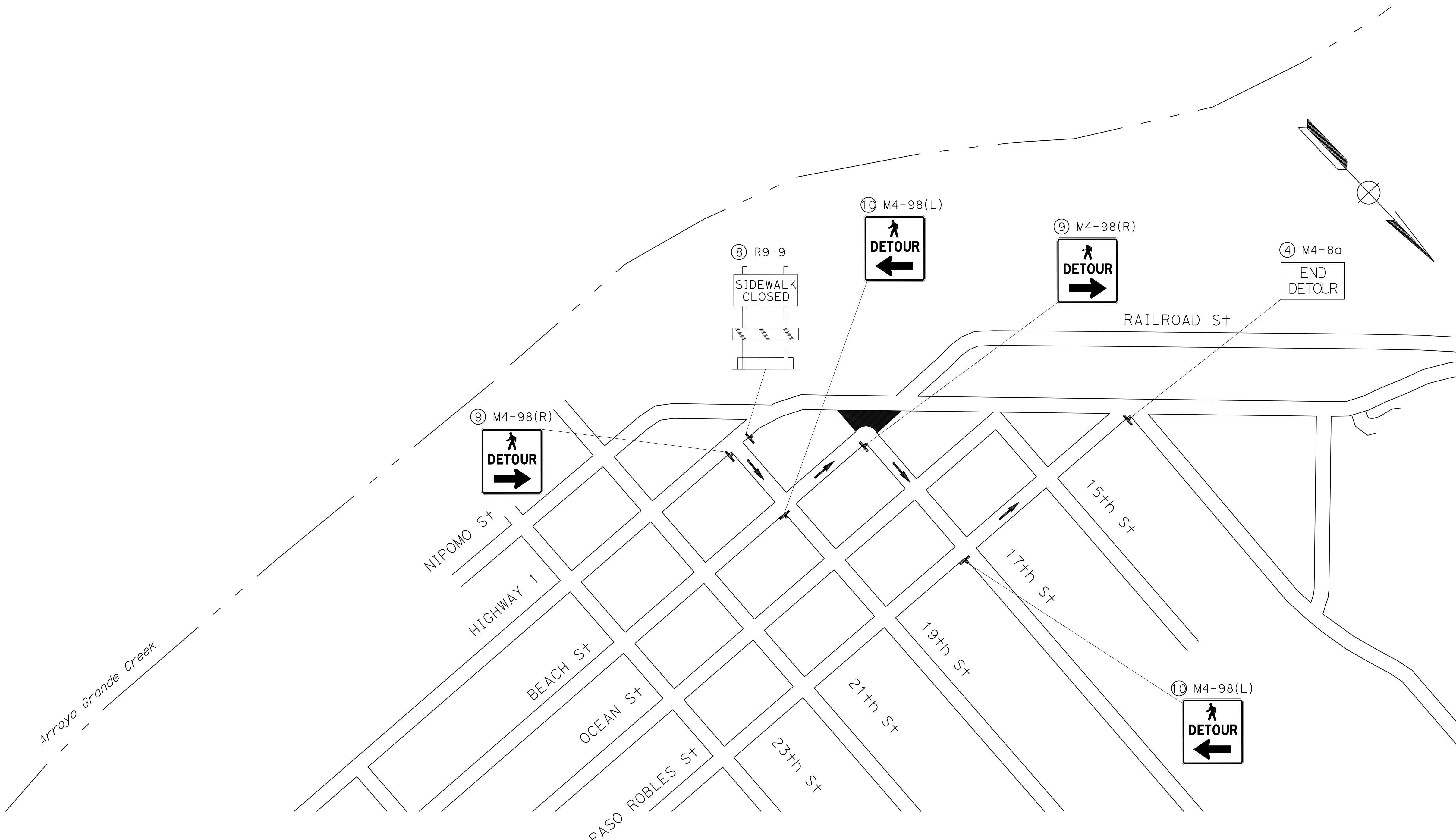
NOTES:

- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONSTRUCTION AREA SIGN PLAN AND TRAFFIC HANDLING PLAN

DETOUR PLAN:

NB PEDESTRIAN ROUTE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	TRUMAN CHING	REVISOR	DATE
Caltrans	KYLE BIRCH	DYLAN ROBERTSON		
TRAFFIC DESIGN				



APPROVED FOR MOTORIST INFORMATION WORK ONLY

MOTORIST INFORMATION PLAN (PEDESTRIAN)

NO SCALE

MI-4



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	15	60

<i>Kyle Birch</i>	4/25/23
REGISTERED CIVIL ENGINEER	DATE
MAY 1, 2023	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
KYLE E. BIRCH
No. 74994
Exp. 12-31-23
CIVIL

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.

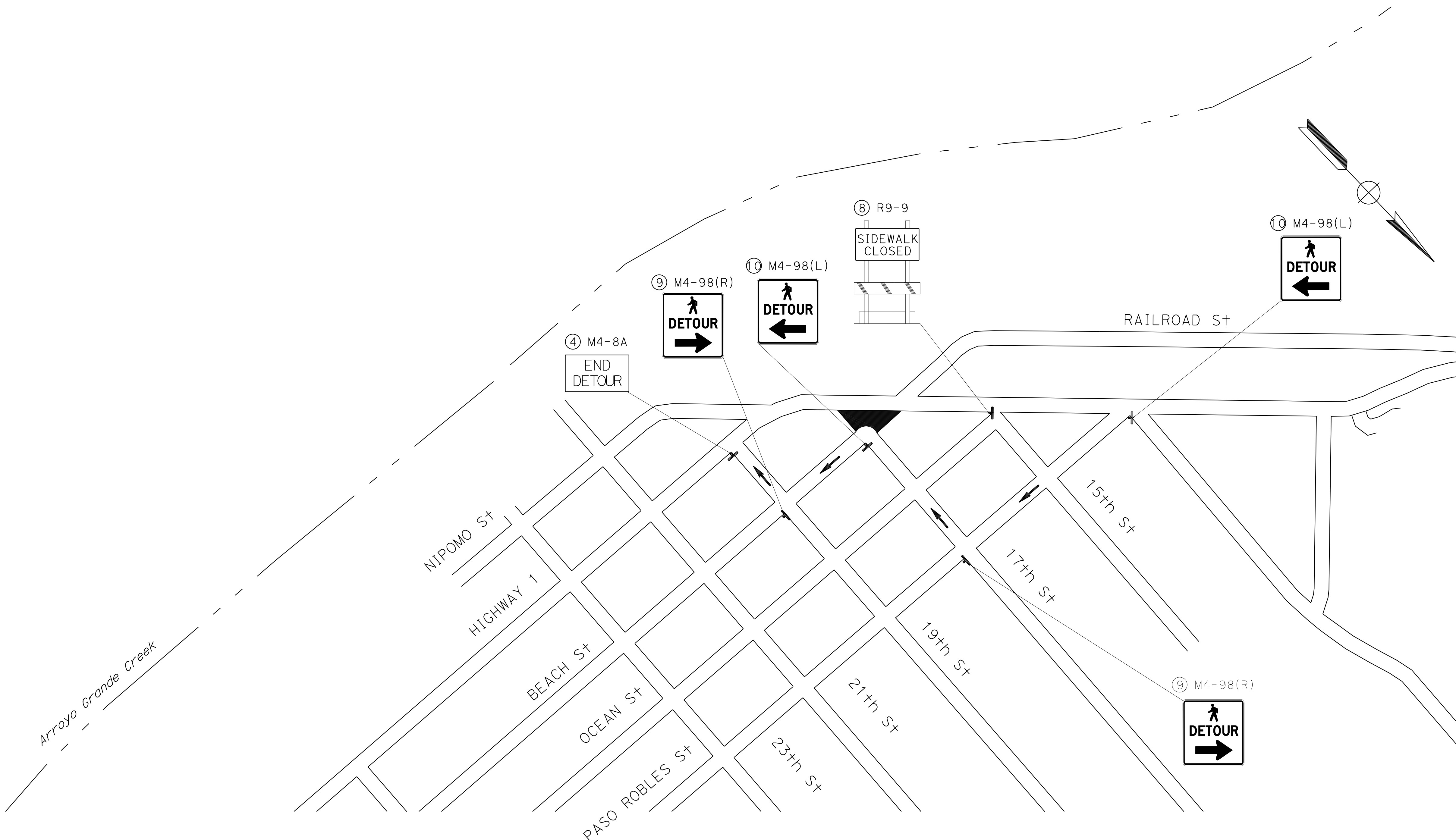
NOTES:

- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONSTRUCTION AREA SIGN PLAN AND TRAFFIC HANDLING PLAN

DETOUR PLAN:

SB PEDESTRIAN ROUTE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	TRUMAN CHING	REVISOR BY
Caltrans	KYLE BIRCH	CHECKED BY	DYLAN ROBERTSON	DATE REVISED
TRAFFIC DESIGN				



MOTORIST INFORMATION PLAN (PEDESTRIAN)

APPROVED FOR MOTORIST INFORMATION WORK ONLY

NO SCALE

MI-5



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	16	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE

MAY 1, 2023
 PLANS APPROVAL DATE

KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL

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.

NOTE:
LOCATIONS DETERMINED BY THE ENGINEER

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS	
					EA	TYPE III BARRICADE EA
1	W20-3	36" x 36"	ROAD CLOSED AHEAD	1 - 4" x 6"	3	
2	M4-9(L)	30" x 24"	DETOUR (LEFT ARROW)	1 - 4" x 4"	3	
3	M4-9(R)	30" x 24"	DETOUR (RIGHT ARROW)	1 - 4" x 4"	4	
4	M4-8A	24" x 18"	END DETOUR	1 - 4" x 4"	5	
5	D3-1A	30" x 12"	BEACH ST	1 - 4" x 4"	2	
6	R11-2	48" x 30"	ROAD CLOSED	ON BARRICADE	2	6
7	N-3 (CA)	18" x 18"	TYPE N OBJECT MARKER (OBSTRUCTION WITHIN THE ROADWAY, ORANGE)		2	
8	R9-9	30" x 18"	SIDEWALK CLOSED	ON BARRICADE	2	2
9	M4-9B (R)	30" x 24"	PEDESTRIAN DETOUR RIGHT ARROW	1 - 4" x 4"	4	
10	M4-9B (L)	30" x 24"	PEDESTRIAN DETOUR LEFT ARROW	1 - 4" x 4"	4	
TOTAL					31	8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 CALCULATED/DESIGNED BY: TRUMAN CHING
 CHECKED BY: DYLAN ROBERTSON
 REVISED BY: DATE
 REVISIONS:

MOTORIST INFORMATION QUANTITIES
MIQ-1

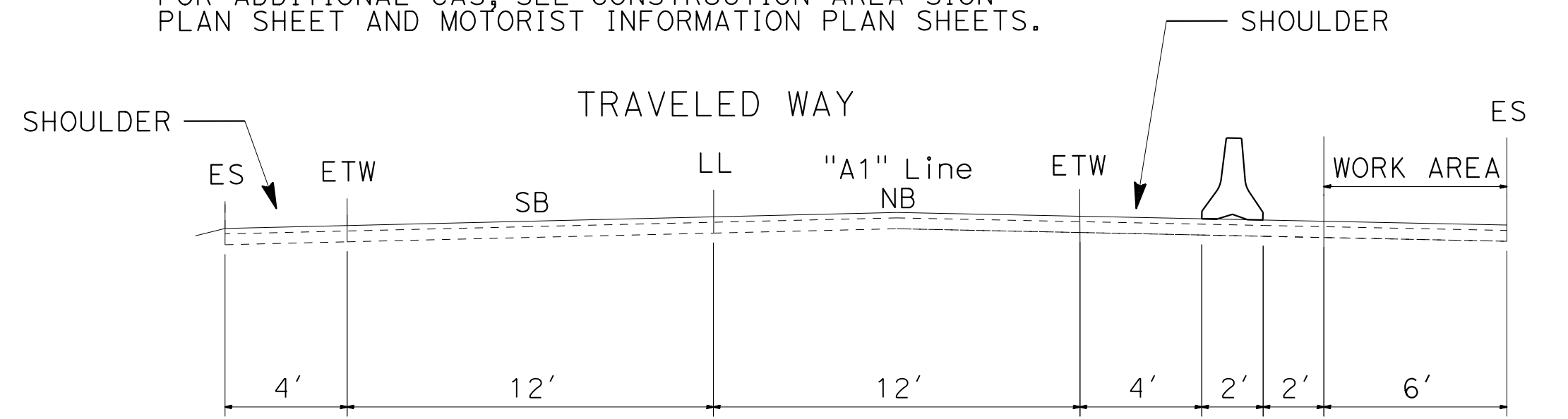


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	17	60

<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE	
MAY 1, 2023 PLANS APPROVAL DATE	
<small>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.</small>	

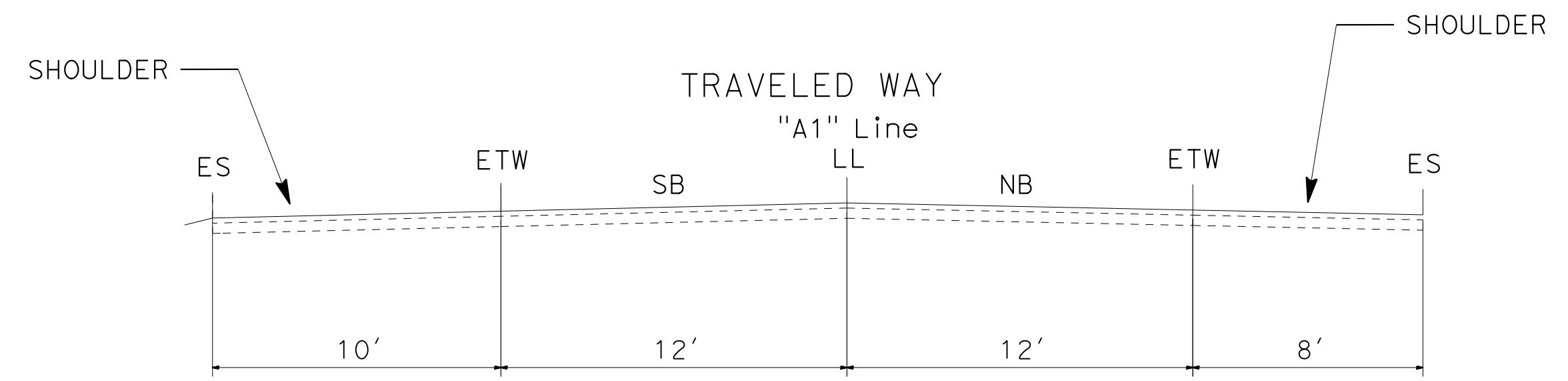
REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp 12-31-23
 CIVIL
STATE OF CALIFORNIA

NOTE:
FOR ADDITIONAL CAS, SEE CONSTRUCTION AREA SIGN PLAN SHEET AND MOTORIST INFORMATION PLAN SHEETS.



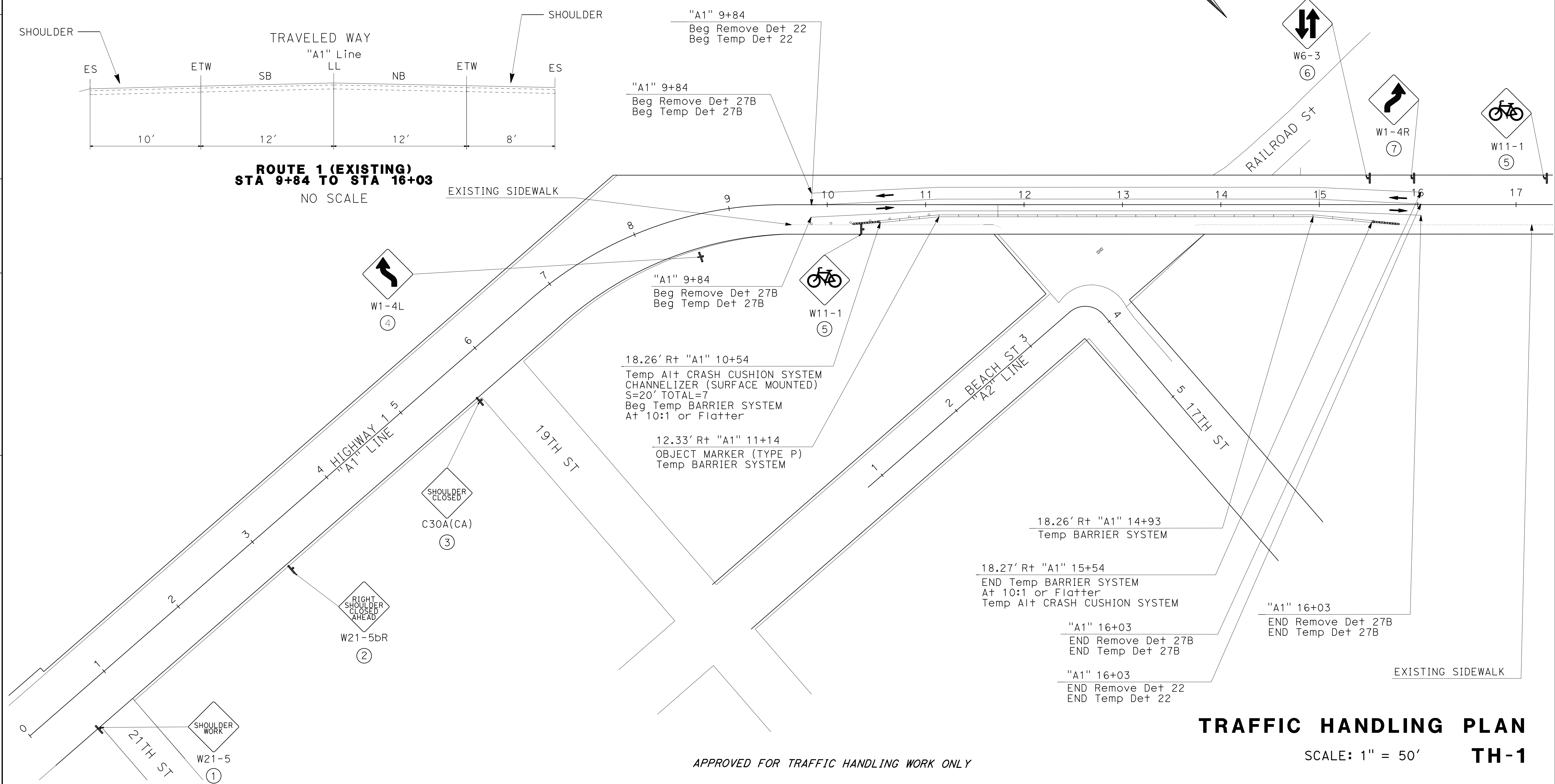
**ROUTE 1 (TEMP TRAFFIC CONTROL)
STA 11+14 TO STA 14+93**

NO SCALE



**ROUTE 1 (EXISTING)
STA 9+84 TO STA 16+03**

NO SCALE



TRAFFIC HANDLING PLAN

SCALE: 1" = 50' **TH-1**

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISOR	DATE	REVISION
TRUMAN CHING		
DYLAN ROBERTSON		
CALCULATED/DESIGNED BY	CHECKED BY	
KYLE BIRCH		
FUNCTIONAL SUPERVISOR		
KYLE BIRCH		
DEPARTMENT OF TRANSPORTATION		
TRAFFIC DESIGN		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	18	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 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.

NOTE:
PLACING SIGNS ON BARRICADES MAY BE NECESSARY DUE TO LIMITED AREAS

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SHEET No.	SIGN No. 	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
TH-1	1	W21-5	30" x 30"	SHOULDER WORK	1 - 4" x 6"	1
TH-1	2	W21-5bR	30" x 30"	RIGHT SHOULDER CLOSED AHEAD	1 - 4" x 6"	1
TH-1	3	C30A(CA)	30" x 30"	SHOULDER CLOSED	1 - 4" x 6"	1
TH-1	4	W1-4L	30" x 30"	LEFT REVERSE CURVE	1 - 4" x 6"	1
TH-1	5	W11-1	30" x 30"	BICYCLE WARNING	1 - 4" x 6"	2
TH-1	6	W6-3	30" x 30"	TWO WAY TRAFFIC	1 - 4" x 6"	1
TH-1	7	W1-4R	30" x 30"	RIGHT REVERSE CURVE	1 - 4" x 6"	1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	19	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE

KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL

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.

TEMPORARY CRASH CUSHION MODULE

SHEET No.	Sta.	DIRECTION	(N) OBJECT MARKER TYPE P	ALTERNATIVE TEMPORARY CRASH CUSHION TL-3
			EA	EA
TH-1	"A1" 10+54	NB	1	1
TH-1	"A1" 15+54	NB	1	1
TOTAL				2

TEMPORARY BARRIER SYSTEM

SHEET No.	Sta.	DIRECTION	LF
TH-1	"A1" 10+54 to 15+54	NB	500.0

TEMPORARY TRAFFIC STRIPES AND PAVEMENT MARKERS

SHEET No.	Sta.	DIRECTION	DETAIL No.	REMOVE THERMOPLASTIC TRAFFIC STRIPE		TEMPORARY TRAFFIC STRIPE (PAINT)		REMOVE PAVEMENT MARKER	TEMPORARY PAVEMENT MARKER
				6" WHITE SOLID	6" YELLOW SOLID	6" WHITE SOLID	6" YELLOW SOLID		
				LF		LF			
TH-1	"A1" 9+84 To 16+03	NB	27B	619.0		619.0			
TH-1	"A1" 9+84 To 16+03	NB	22		1238.0		1238.0	52	52
TH-1	"A1" 9+84 To 16+03	SB	27B	619.0		619.0			
TOTAL				2476.0		2476.0		52	52

TRAFFIC HANDLING QUANTITIES THQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR
 KYLE BIRCH
 CALCULATED/DESIGNED BY
 CHECKED BY
 TRUMAN CHING
 DYLAN ROBERTSON
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	20	60

<i>Kyle Birch</i> 4/25/23 REGISTERED CIVIL ENGINEER DATE	
MAY 1, 2023 PLANS APPROVAL DATE	
<small>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.</small>	

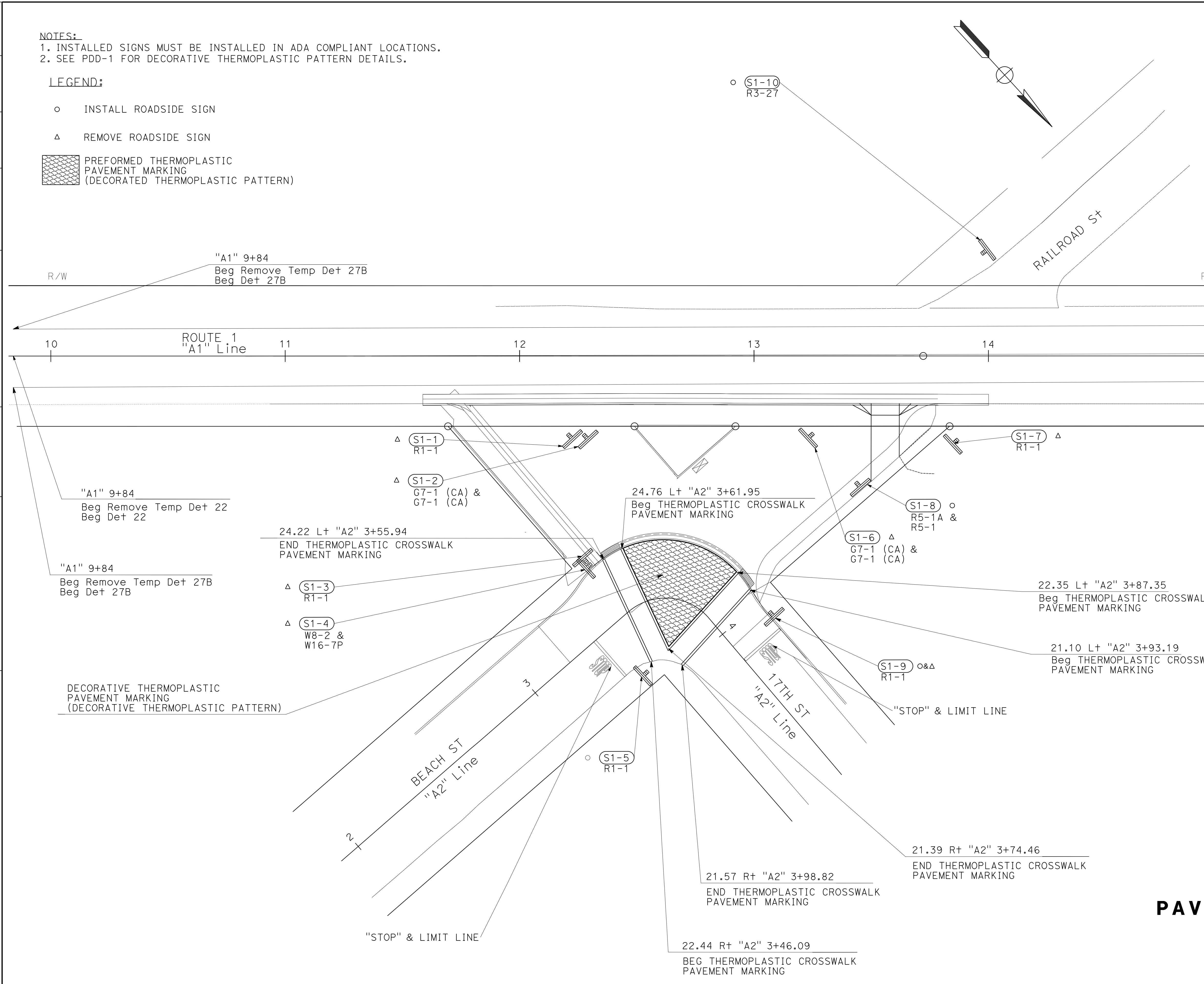
REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp. 12-31-23
 CIVIL
 STATE OF CALIFORNIA

NOTES:
 1. INSTALLED SIGNS MUST BE INSTALLED IN ADA COMPLIANT LOCATIONS.
 2. SEE PDD-1 FOR DECORATIVE THERMOPLASTIC PATTERN DETAILS.

LEGEND:

- INSTALL ROADSIDE SIGN
- △ REMOVE ROADSIDE SIGN
- PREFORMED THERMOPLASTIC PAVEMENT MARKING (DECORATED THERMOPLASTIC PATTERN)

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN



PAVEMENT DELINEATION & SIGN PLAN
 SCALE: 1" = 20' **PD-1**

LAST REVISION | DATE PLOTTED => 12-MAY-2023 04-25-23 | TIME PLOTTED => 10:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	21	60

<i>Kyle Birch</i>	4/25/23
REGISTERED CIVIL ENGINEER	DATE
MAY 1, 2023	
PLANS APPROVAL DATE	

KYLE E. BIRCH
No. 74994
Exp. 12-31-23
CIVIL

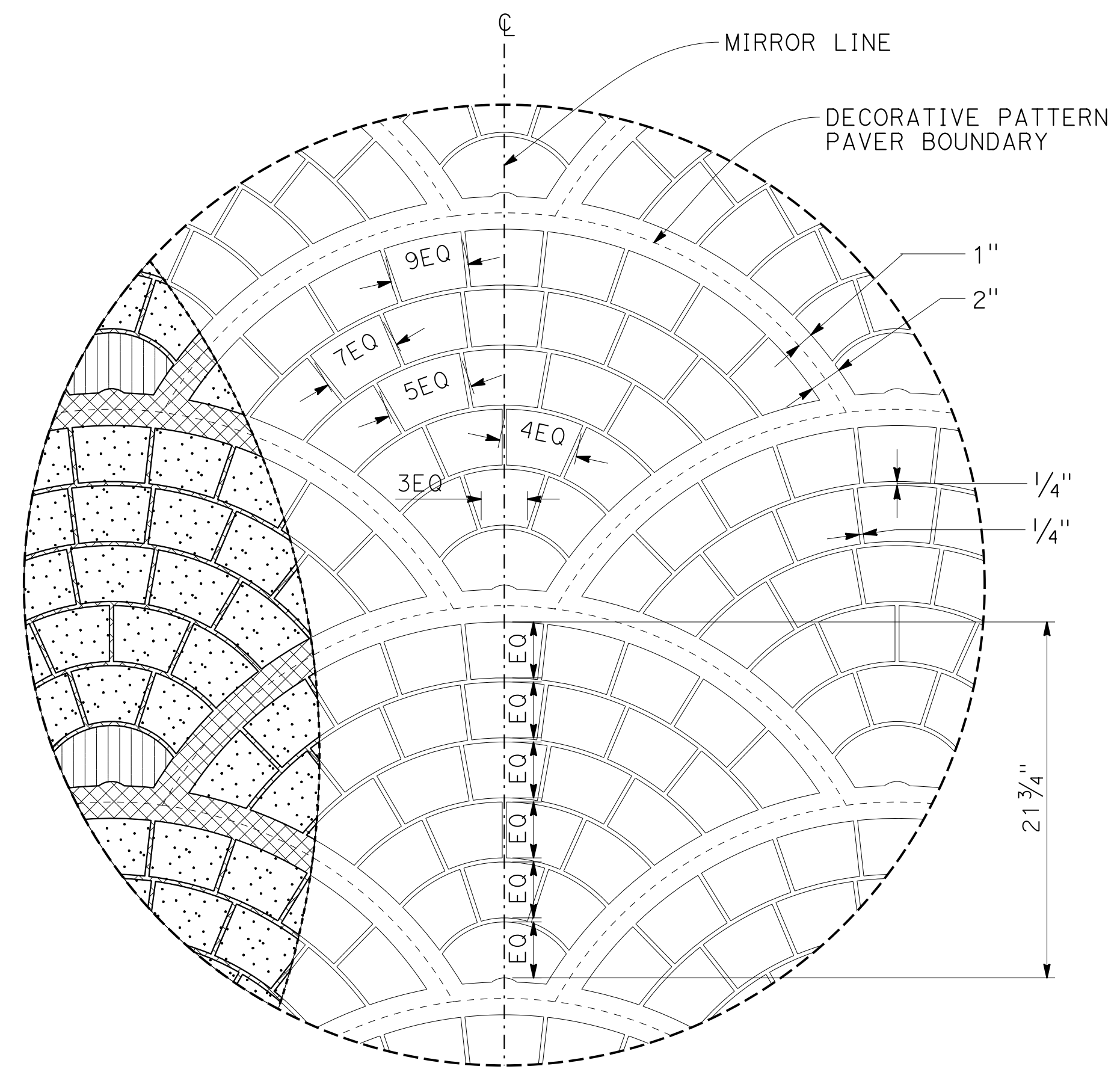
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- FOR CROSSWALK MARKINGS, SEE PD-1.
- PAVER BOUNDARY SHOWN FOR REFERENCE ONLY.
- DO NOT PLACE DECORATIVE THERMOPLASTIC PATTERN ON EXISTING MANHOLE COVER.

LEGEND:

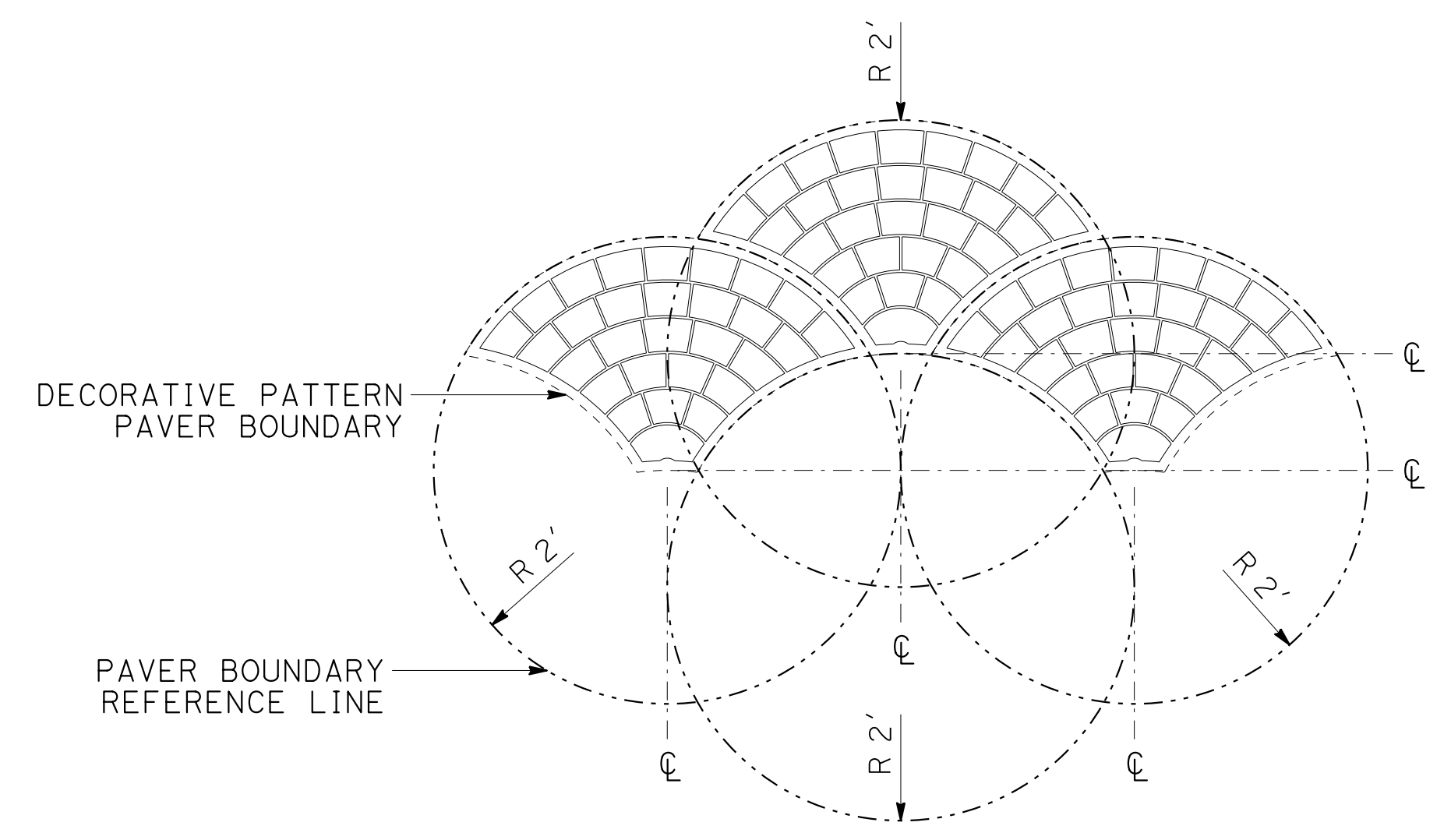
- AMS-STD-595
COLOR No. 30227
- AMS-STD-595
COLOR No. 33448
- AMS-STD-595
COLOR No. 36595



PLAN

**PREFORMED THERMOPLASTIC PAVEMENT MARKING
(DECORATIVE THERMOPLASTIC PATTERN) DETAIL**

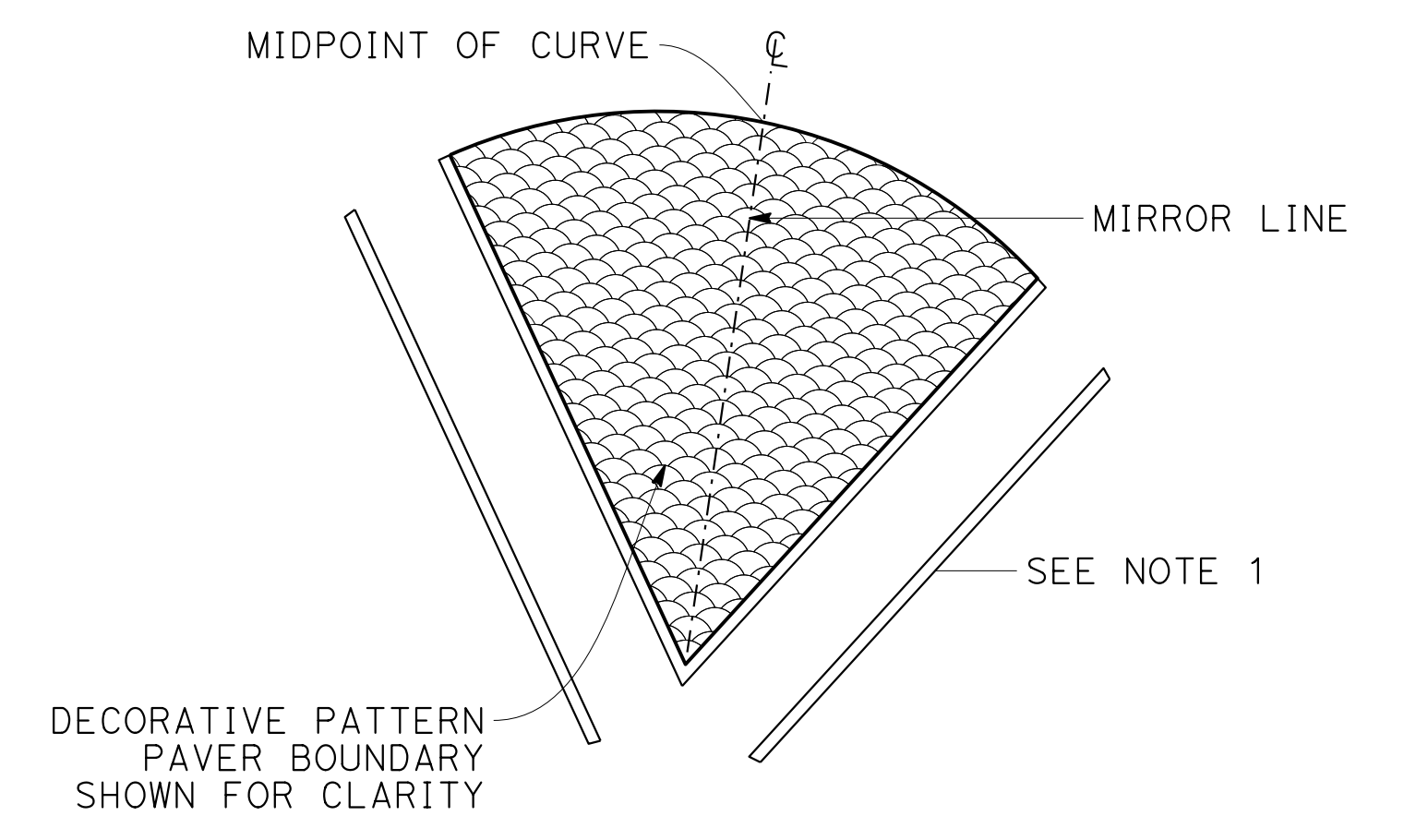
NO SCALE



PLAN

**DECORATIVE THERMOPLASTIC
PATTERN PAVER ARRANGEMENT**

NO SCALE



PLAN

**DECORATIVE THERMOPLASTIC
PATTERN PAVER ORIENTATION**

NO SCALE

**PAVEMENT DELINEATION DETAILS
(DECORATIVE THERMOPLASTIC PATTERN)**

PDD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
Caltrans	
FUNCTIONAL SUPERVISOR	KYLE BIRCH
CALCULATED-DESIGNED BY	CHECKED BY
PHLORA BARBASH	TRUMAN CHING
REVISOR BY	DATE

ROADSIDE SIGN QUANTITIES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	22	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE

MAY 1, 2023
 PLANS APPROVAL DATE

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SHEET No.	SIGN No.	SIGN DESIGNATION	SIGN MESSAGE	PANEL SIZE	No. OF POSTS AND POST SIZE	BACKGROUND		LEGEND	ROADSIDE SIGN - ONE POST	REMOVE ROADSIDE SIGN	TREATED WOOD WASTE	FURNISH SINGLE SHEET ALUMINUM SIGN FOR RETROREFLECTIVE SHEETING (TYPE XI)	
						SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	SHEETING COLOR				UNFRAMED	SQFT
PD-1	S1-1	R1-1	STOP							1	67		
	S1-2	G7-1 (CA)	17TH ST							1			
	S1-3	G7-1 (CA)	FRONT ST HIGHWAY 1							1	67		
	S1-4	R1-1	STOP							1	67		
	S1-5	W8-2	DIP							1	67		
	S1-6	W16-7P	ARROW							1	67		
	S1-7	R1-1	STOP		30"x30"	1-4"x6"	RED	XI	WHITE	1			6.25
	S1-8	G7-1 (CA)	FRONT ST HIGHWAY 1							1			
	S1-9	G7-1 (CA)	BEACH ST							1			
	S1-10	R1-1	STOP		36"x36"	1-4"x6"	RED	XI	WHITE	1			6.25
				30"x30"		RED	XI	WHITE	1	1	67	6.25	
				30"x30"	1-4"x6"	RED	XI	WHITE	1	1	67	6.25	
				36"x36"	1-4"x6"	WHITE	IX	BLACK	1			6.25	
TOTAL										4	7	335	31.00

PAVEMENT DELINEATION QUANTITIES

SHEET No.	Sta.	DIRECTION	DETAIL No.	THERMOPLASTIC CROSSWALK PAVEMENT MARKING	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)		PAVEMENT MARKER (RETROREFLECTIVE)	PREFORMED THERMOPLASTIC PAVEMENT MARKING (DECORATIVE THERMOPLASTIC PATTERN)	THERMOPLASTIC PAVEMENT MARKING	
				12" WHITE SOLID	6" WHITE SOLID	6" YELLOW SOLID			"STOP"	STOP LINE
				SQFT	LF	LF	EA	SQFT	SQFT	
PD-1	"A1" 9+84 To 16+03	NB	27B		619.0					
PD-1	"A1" 9+84 To 16+03	NB/SB	22			1238.0	52			
PD-1	"A1" 9+84 To 16+03	SB	27B		619.0					
PD-1	"A2" 3+46 To 3+56	NE/SW	BASIC CROSSWALK	49.0						
PD-1	"A2" 3+62 To 3+75	NE/SW	BASIC CROSSWALK	48.0						
PD-1	"A2" 3+75 To 3+88	EB/WB	BASIC CROSSWALK	44.0						
PD-1	"A2" 3+93 To 3+99	EB/WB	BASIC CROSSWALK	44.0						
PD-1		NB	DECORATIVE THERMOPLASTIC PATTERN					1186.00		
PD-1	"A2" 3+25 To 3+34	WB							22.00	20.00
PD-1	"A2" 4+14 To 4+24	SB							22.00	20.00
TOTAL				185.0	2476.0	2476.0	52	1186.00	44.00	40.00

PAVEMENT DELINEATION & SIGN QUANTITIES

PDQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR: KYLE BIRCH
 TRUMAN CHING
 DYLAN ROBERTSON
 CALCULATED/DESIGNED BY: TRUMAN CHING
 CHECKED BY: DYLAN ROBERTSON
 REVISOR: TRUMAN CHING
 DATE: 7/2/2010

LAST REVISION | DATE PLOTTED => 12-MAY-2023
 04-25-23 | TIME PLOTTED => 10:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	23	60

Kyle Birch 4/25/23
 REGISTERED CIVIL ENGINEER DATE
 MAY 1, 2023
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 KYLE E. BIRCH
 No. 74994
 Exp. 2/31/23
 CIVIL
 STATE OF CALIFORNIA

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

ABBREVIATIONS:

CG&S CURB, GUTTER, AND SIDEWALK
 CGS&D CURB, GUTTER, SIDEWALK, AND DRIVEWAY

ROADWAY QUANTITIES

SHEET No.	LOCATION/STATION	CLASS 2 AGGREGATE BASE	HOT MIX ASPHALT (TYPE A)	COLD PLANE	ROADWAY EXCAVATION	TACK COAT
		CY	TON	SQYD	CY	TON
L-1	"A1" 11+58.72 TO 13+78.40	9	17		516	
L-1	"A1" 13+49.97 TO 13+61.97	5	9			
L-1	"A2" 3+59.79 TO 4+26.68		71	11		0.1
L-1	"A2" 4+26.68 TO 4+75.12	2	4			
L-1	"A2" 4+41.39 TO 5+38.36		103		102	
L-1	"A2" 3+94.44 TO 4+75.09					
FROM LQ-1 SHEET		159.4			31	
TOTAL		175.4	204	11	649	0.1

SURVEY MONUMENT

SHEET No.	LOCATION/STATION	SURVEY MONUMENT (TYPE B)
C-1	10.27' Lt "A2" 3+71.76	EA

REMOVE CONCRETE

SHEET No.	LOCATION/STATION	SQYD
L-1	"A1" 12+67.02 TO "A1" 12+70.02	1.5

MINOR CONCRETE AND DETECTABLE WARNING SURFACE

SHEET No.	LOCATION/STATION	MINOR Conc (Misc CONSTRUCTION)						MINOR CONCRETE (TEXTURED PAVING)	MINOR CONCRETE (SEEDED AGGREGATE CONCRETE)	MINOR CONCRETE (SEAT WALL)	DETECTABLE WARNING SURFACE (TRUNCATED DOMES)	DETECTABLE WARNING SURFACE (DIRECTIONAL BARS)
		CURB	GUTTER	CURB AND GUTTER	SIDEWALK	CG&S	CGS&D					
L-1	"A1" 11+58.79 TO "A2" 3+41.63	1.2										
L-1	"A1" 12+47.26 TO "A1" 12+94.18	1.4										
L-1	"A2" 3+54.75 TO "A2" 3+54.96		0.6									
L-1	"A1" 11+58.74 TO 13+41.92			10.8								
L-1	"A2" 3+55.78 TO 3+94.44				5.4							
L-1	"A1" 13+69.99 TO 13+78.41					7.8						
L-1	"A2" 3+94.44 TO 4+38.39					6.7						
L-1	"A2" 4+68.56 TO 4+75.09					1.4						
L-1	"A1" 13+41.92 TO 13+69.99						4.5					
L-1	"A2" 4+38.39 TO 4+68.56						5.8					
L-1	"A2" 3+56.25 TO 3+60.25								24.4			
L-1	"A2" 3+87.60 TO 3+92.76								25.1			
L-1	"A2" 3+60.25 TO 3+87.60										59.0	
FROM LQ-1 SHEET		1.2						101.6	6.5	7.5		
SUBTOTAL		3.8	0.6	10.8	5.4	15.9	10.3					
TOTAL		46.8						101.6	6.5	7.5	49.5	59.0

GRATED LINE DRAIN (MODIFIED)

SHEET No.	LOCATION/STATION	MINOR CONCRETE (N)
L-1	"A1" 11+76.95 TO "A2" 3+54.96	89

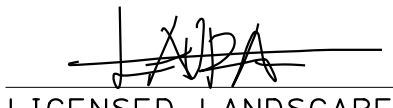
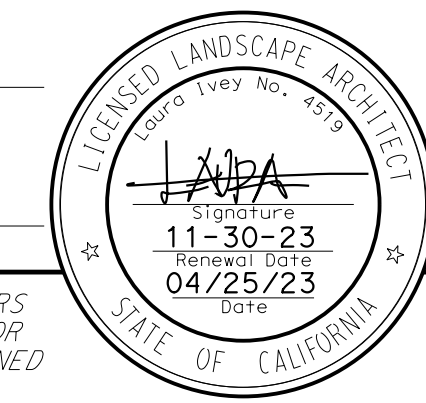
(N) - NOT A SEPARATE BID ITEM

SUMMARY OF QUANTITIES
Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 KYLE BIRCH
 FUNCTIONAL SUPERVISOR
 DYLAN ROBERTSON
 TRUMAN CHING
 REVISOR BY
 DATE REVISED
 CALCULATED/DESIGNED BY
 CHECKED BY
 CGS&S
 CGS&D
 CURB, GUTTER, AND SIDEWALK
 CURB, GUTTER, SIDEWALK, AND DRIVEWAY
 USERNAME =>
 DGN FILE => 0522000074pa001.dgn
 RELATIVE BORDER SCALE IS IN INCHES
 0 1 2 3
 UNIT 1465
 PROJECT NUMBER & PHASE
 05220000741

LAST REVISION | DATE PLOTTED => 8/20/2022
 04-25-23 | TIME PLOTTED => 12:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	24	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>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.</small>		





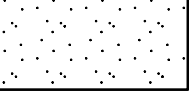





NOTES:

- FOR ACCURATE RIGHT OF WAY DATA CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- WORK ON THIS SHEET CAN BE ADJUSTED TO AVOID CONFLICT WITH EXISTING UTILITIES. EXACT LOCATION OF HIGH PRIORITY UTILITIES IS NOT SHOWN.
- FOR PVC PIPE CONDUIT (SLEEVE) SEE IRRIGATION SHEETS.

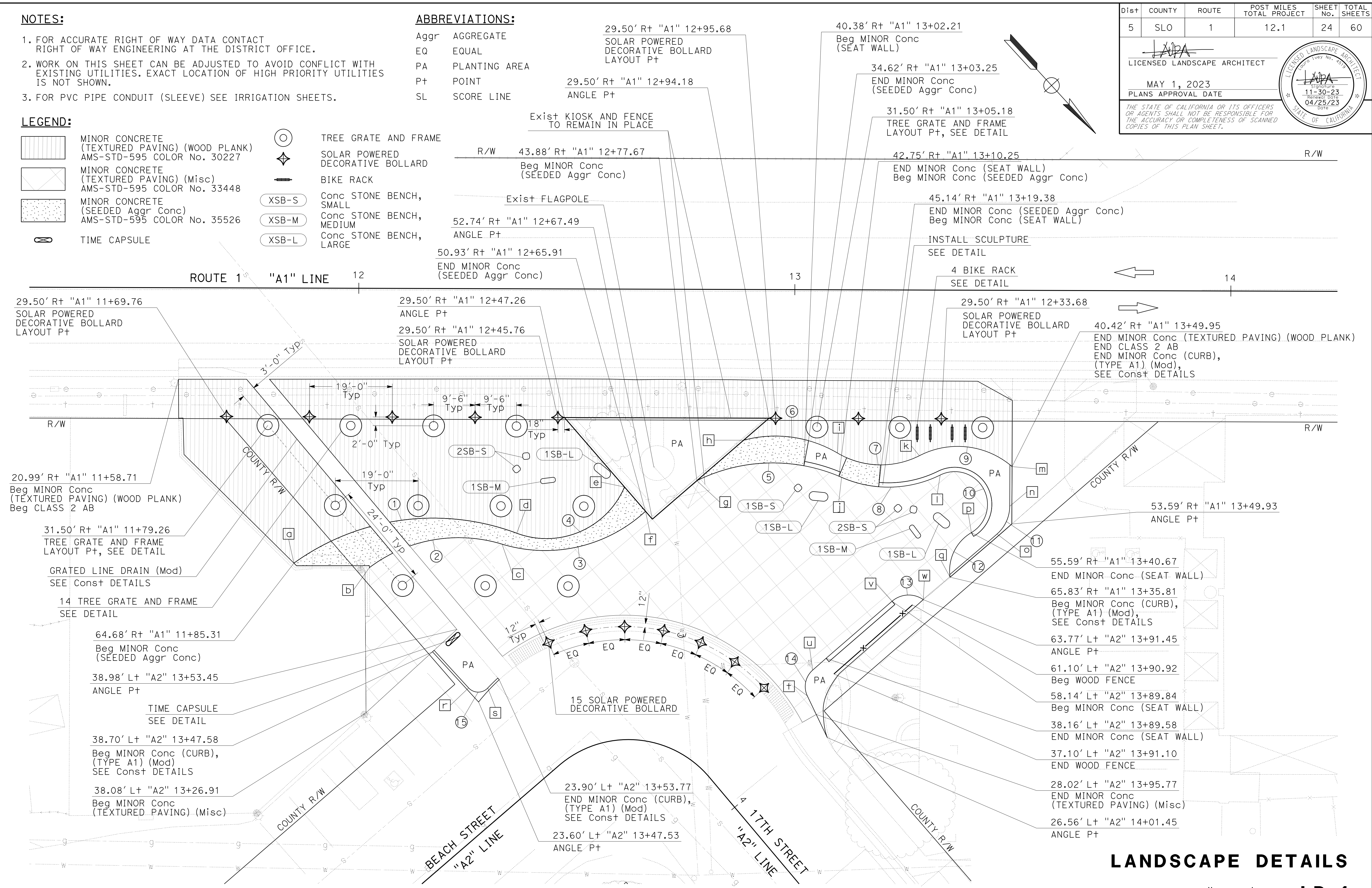
ABBREVIATIONS:

- Aggr AGGREGATE
 EQ EQUAL
 PA PLANTING AREA
 P+ POINT
 SL SCORE LINE

LEGEND:

- | | | | |
|---|---|---|----------------------------------|
|  | MINOR CONCRETE (TEXTURED PAVING) (WOOD PLANK) AMS-STD-595 COLOR No. 30227 |  | TREE GRATE AND FRAME |
|  | MINOR CONCRETE (TEXTURED PAVING) (Misc) AMS-STD-595 COLOR No. 33448 |  | SOLAR POWERED DECORATIVE BOLLARD |
|  | MINOR CONCRETE (SEEDED Aggr Conc) AMS-STD-595 COLOR No. 35526 |  | BIKE RACK |
|  | TIME CAPSULE |  | Conc STONE BENCH, SMALL |
| | |  | Conc STONE BENCH, MEDIUM |
| | |  | Conc STONE BENCH, LARGE |

PHILORA BARBASH
 LAURA IVEY
 CALCULATED-DESIGNED BY
 CHECKED BY
 SENIOR LANDSCAPE ARCHITECT
 CORBY KILMER
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE



LANDSCAPE DETAILS
 SCALE: 1" = 10'
LD-1

APPROVED FOR LANDSCAPE WORK ONLY

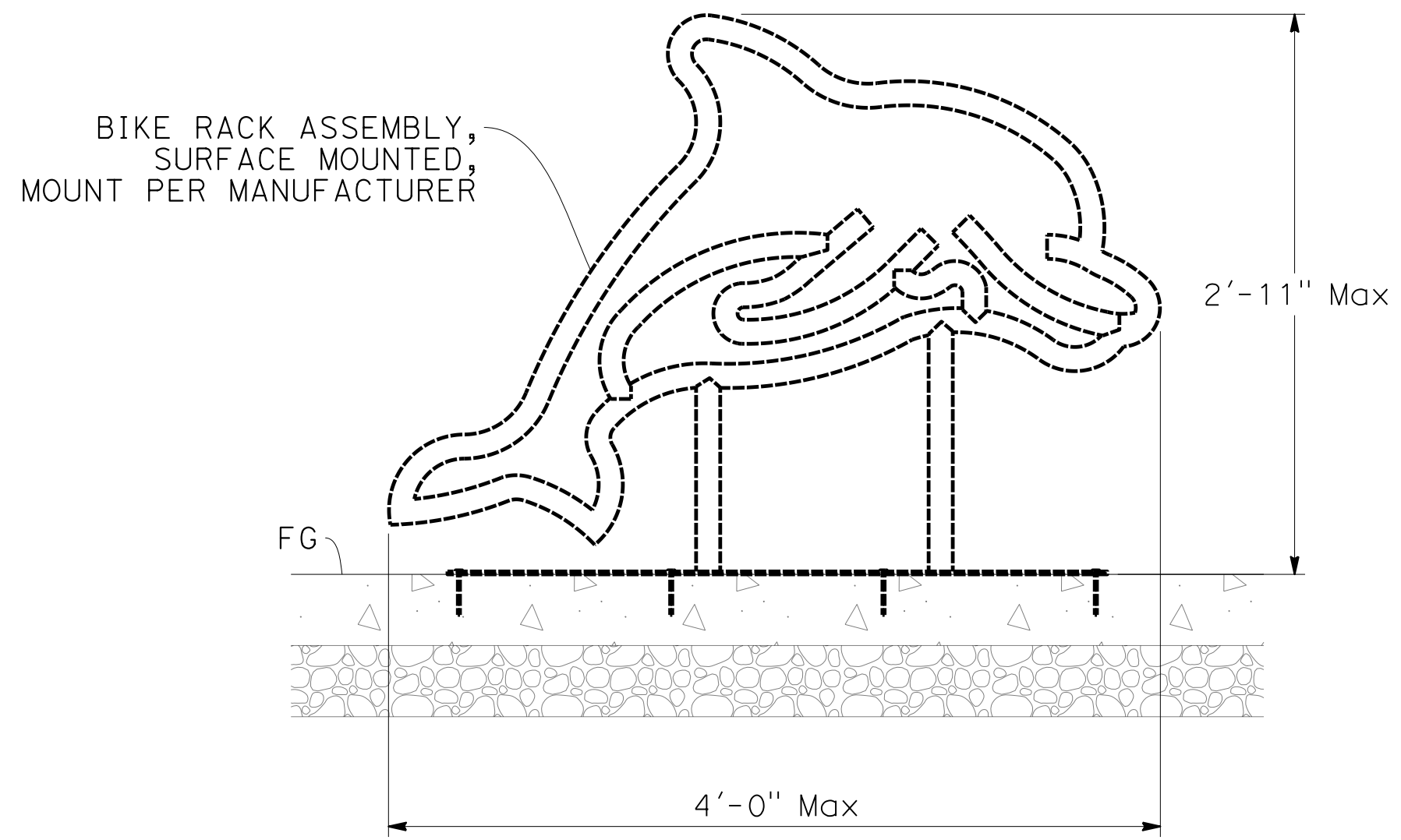
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	25	60

LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE

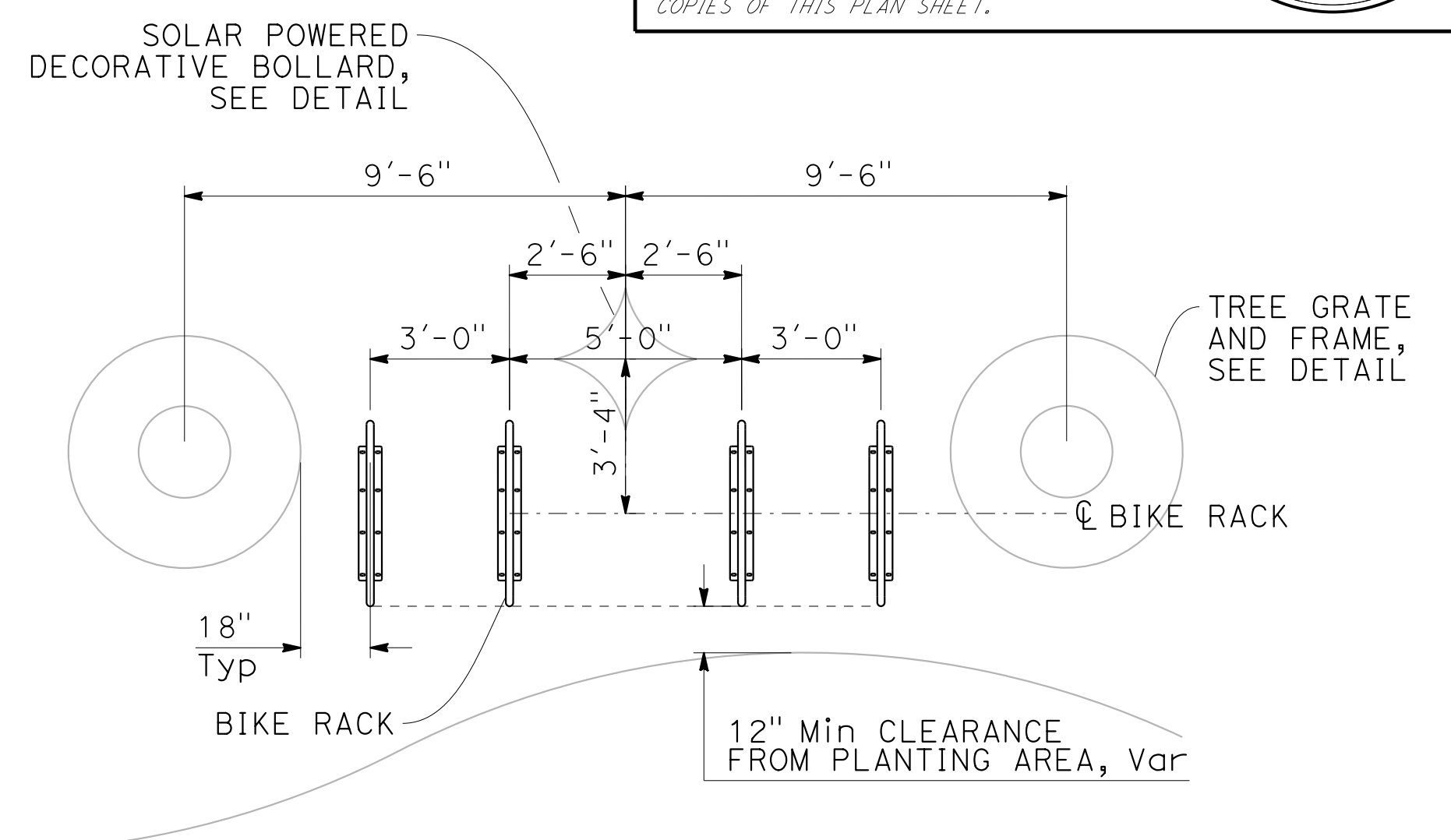
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

BC, EC SCHEDULE

POINT NO.	LINE	STATION	OFFSET (FT)	Lt/Rt	Elev
a	A1	11+85.31	63.08	R+	23.66
b	A1	12+02.63	64.06	R+	23.64
c	A1	12+33.03	58.57	R+	23.46
d	A1	12+36.40	56.06	R+	23.49
e	A1	12+61.08	45.38	R+	23.55
f	A1	12+65.91	50.93	R+	23.65
g	A1	12+77.67	43.88	R+	23.48
h	A1	12+88.36	34.57	R+	23.41
i	A1	13+09.91	37.44	R+	23.50
j	A1	13+10.86	43.01	R+	23.57
k	A1	13+28.69	38.00	R+	23.58
l	A1	13+33.47	42.41	R+	23.63
m	A1	13+49.92	40.39	R+	23.69
n	A1	13+49.44	49.52	R+	23.77
o	A1	13+46.55	55.90	R+	23.82
p	A1	13+40.67	55.59	R+	23.79
q	A1	13+35.81	65.83	R+	23.84
r	A2	13+47.91	27.56	L+	23.77
s	A2	13+52.02	24.74	L+	23.74
t	A2	13+91.19	29.21	L+	24.32
u	A2	13+89.51	34.04	L+	24.29
v	A2	13+89.84	58.14	L+	23.92
w	A2	13+91.45	63.77	L+	23.90



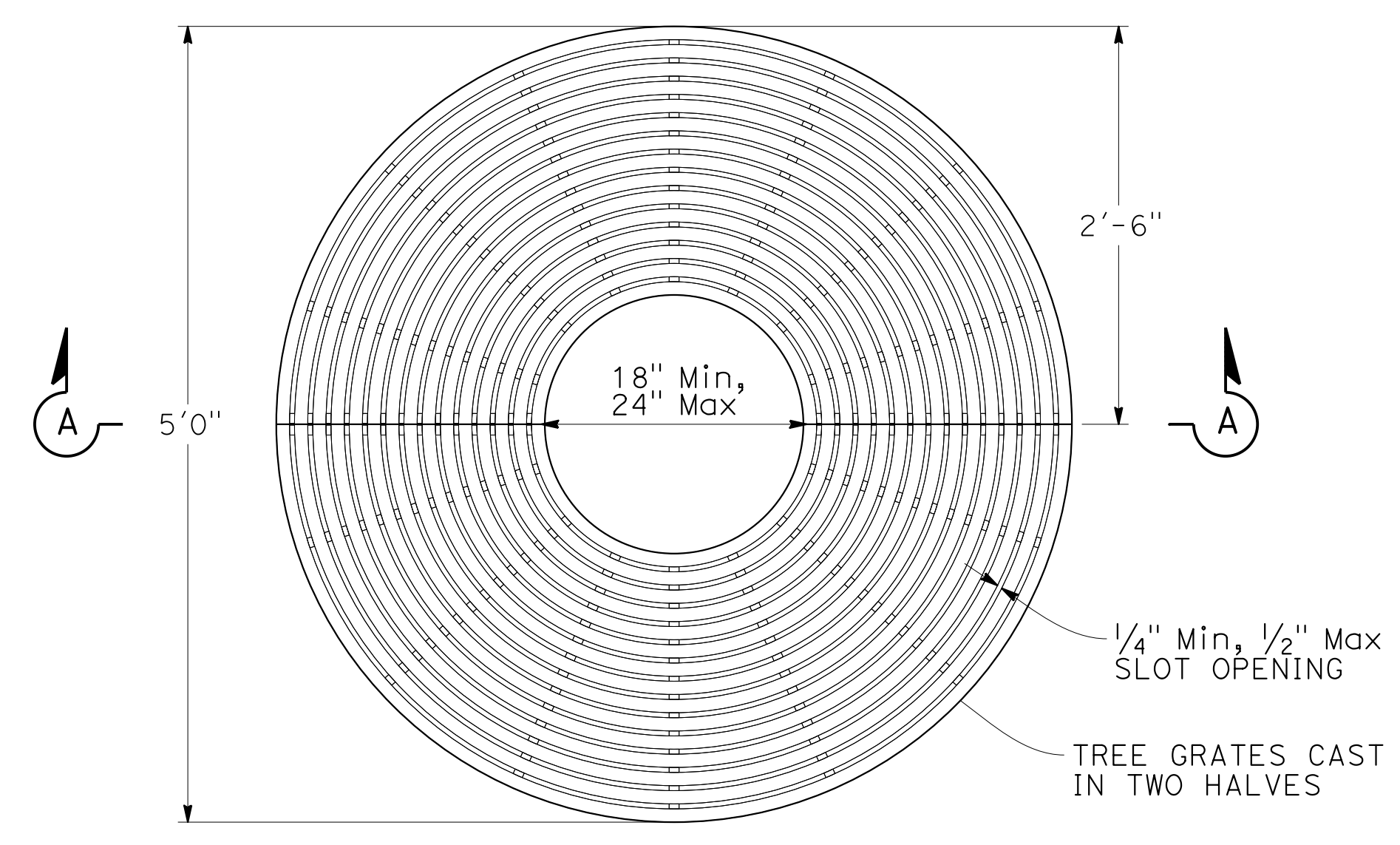
**SECTION
BIKE RACK**



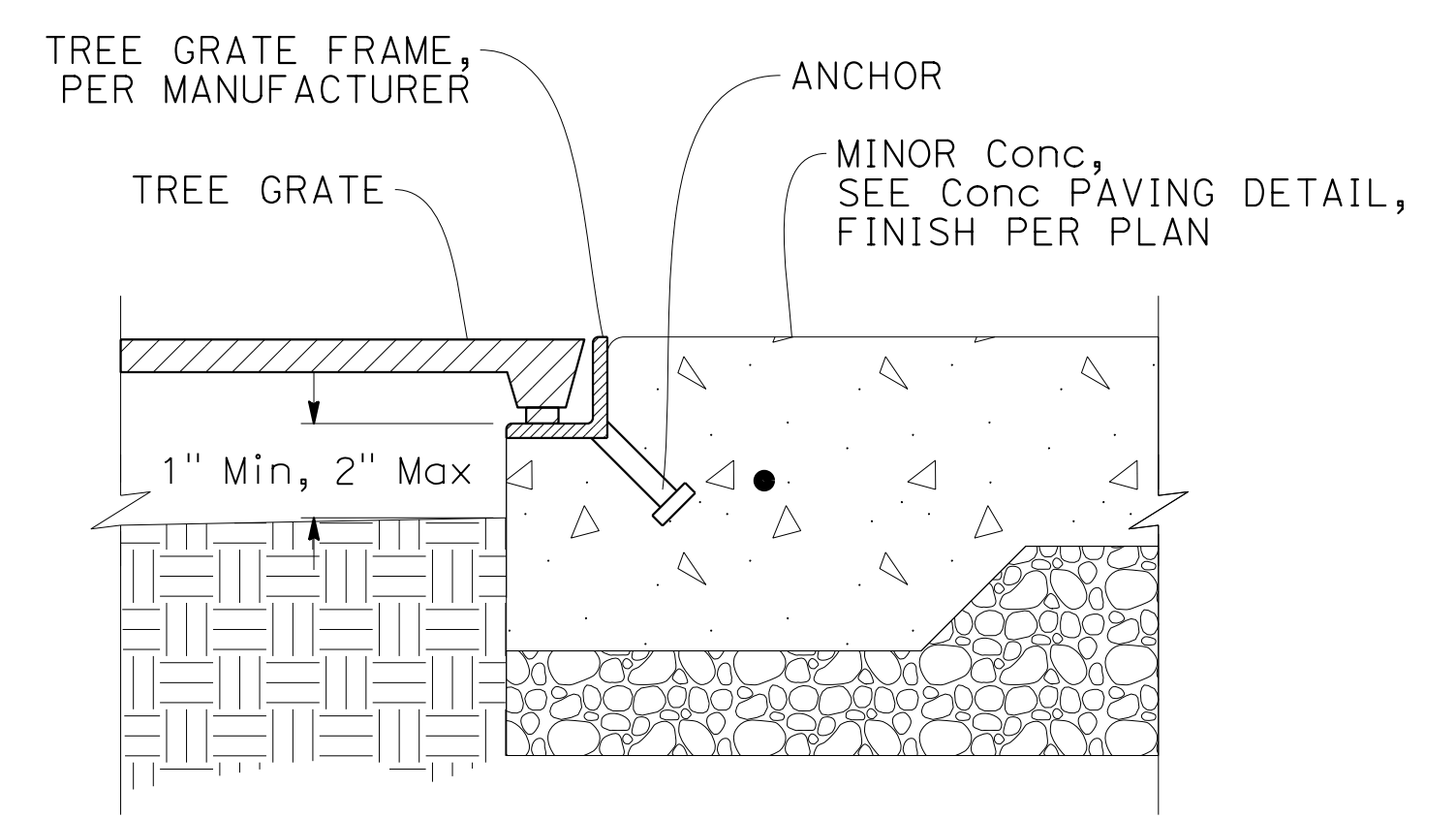
**PLAN
BIKE RACK
ARRANGEMENT**

CURVE DATA

No. #	R	Δ	T	L
1	54.64	56°19'07"	29.25	53.70
2	34.01	54°01'12"	17.34	32.07
3	33.90	59°43'38"	19.47	35.34
4	19.45	87°28'39"	18.61	29.69
5	39.30	49°59'11"	18.32	34.28
6	28.12	45°29'28"	11.79	22.32
7	19.58	57°20'11"	10.70	19.59
8	26.75	50°01'49"	12.48	23.35
9	19.10	68°10'17"	12.92	22.72
10	7.51	175°48'43"	205.48	23.05
11	8.51	48°32'08"	3.84	7.21
12	10.17	67°45'22"	6.83	12.03
13	5.82	76°11'59"	4.56	7.74
14	5.00	74°00'45"	3.77	6.46
15	3.00	94°13'01"	3.23	4.93



**PLAN
TREE GRATE AND FRAME**

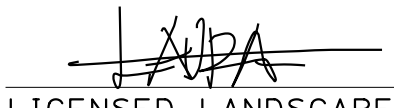
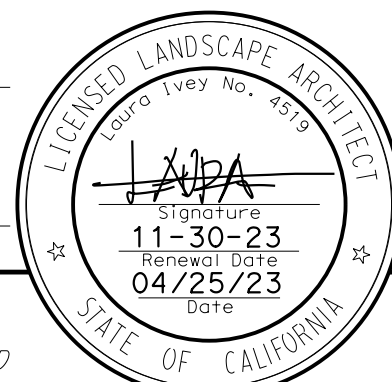


SECTION A-A

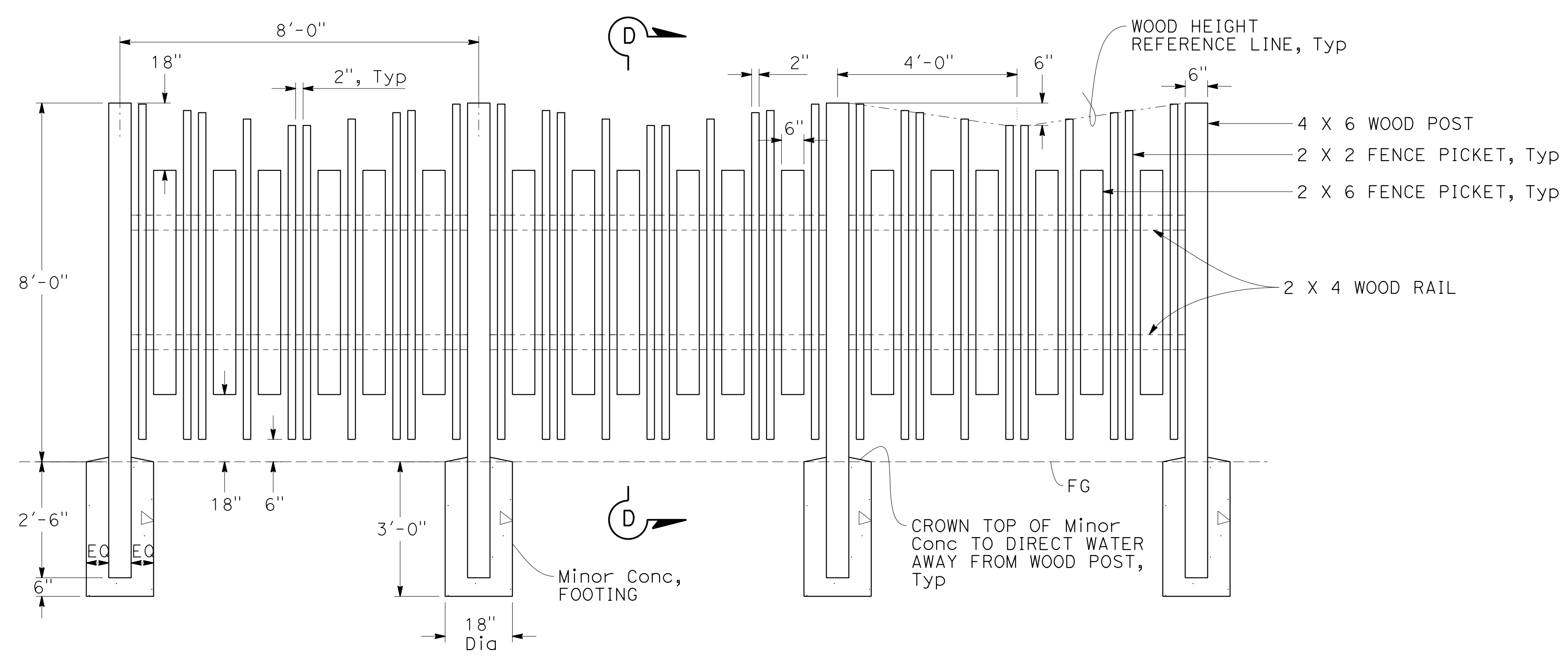
LANDSCAPE DETAILS
NO SCALE **LD-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 PHILORA BARBASH
 LAURA IVEY
 CORBY KILMER

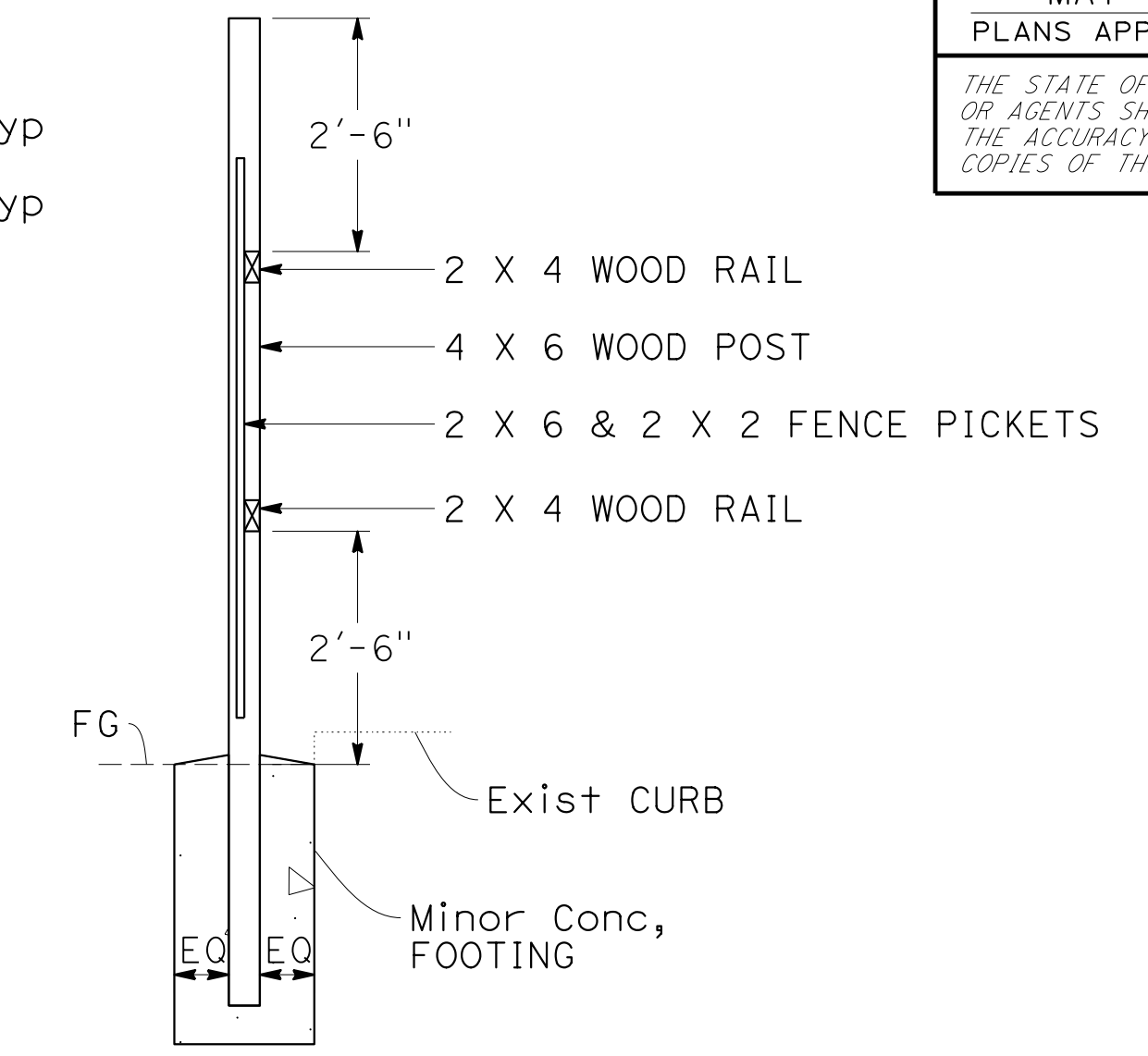
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	26	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		

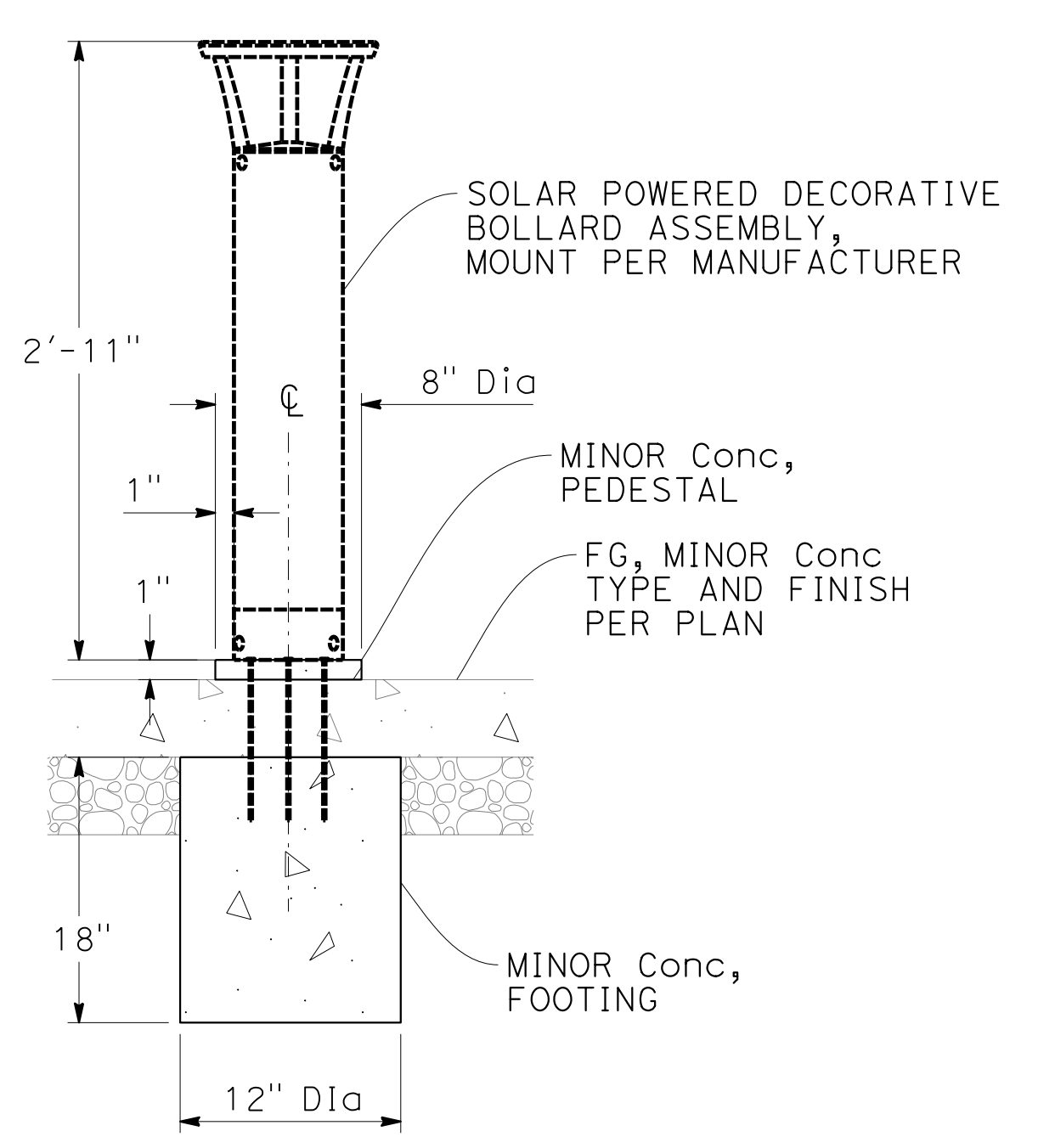
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



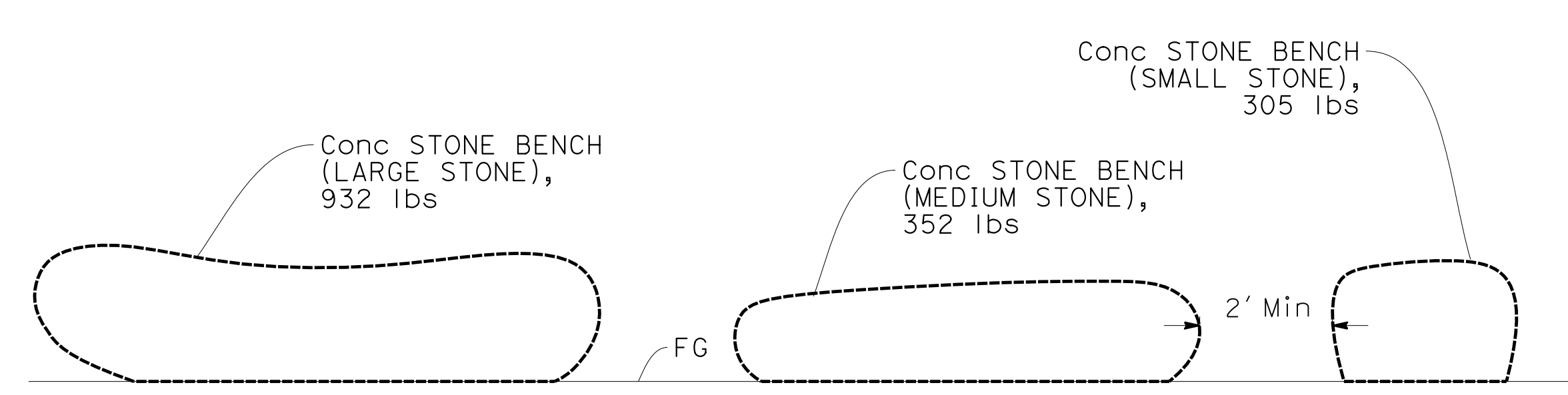
FRONT ELEVATION
WOOD FENCE



SECTION D-D

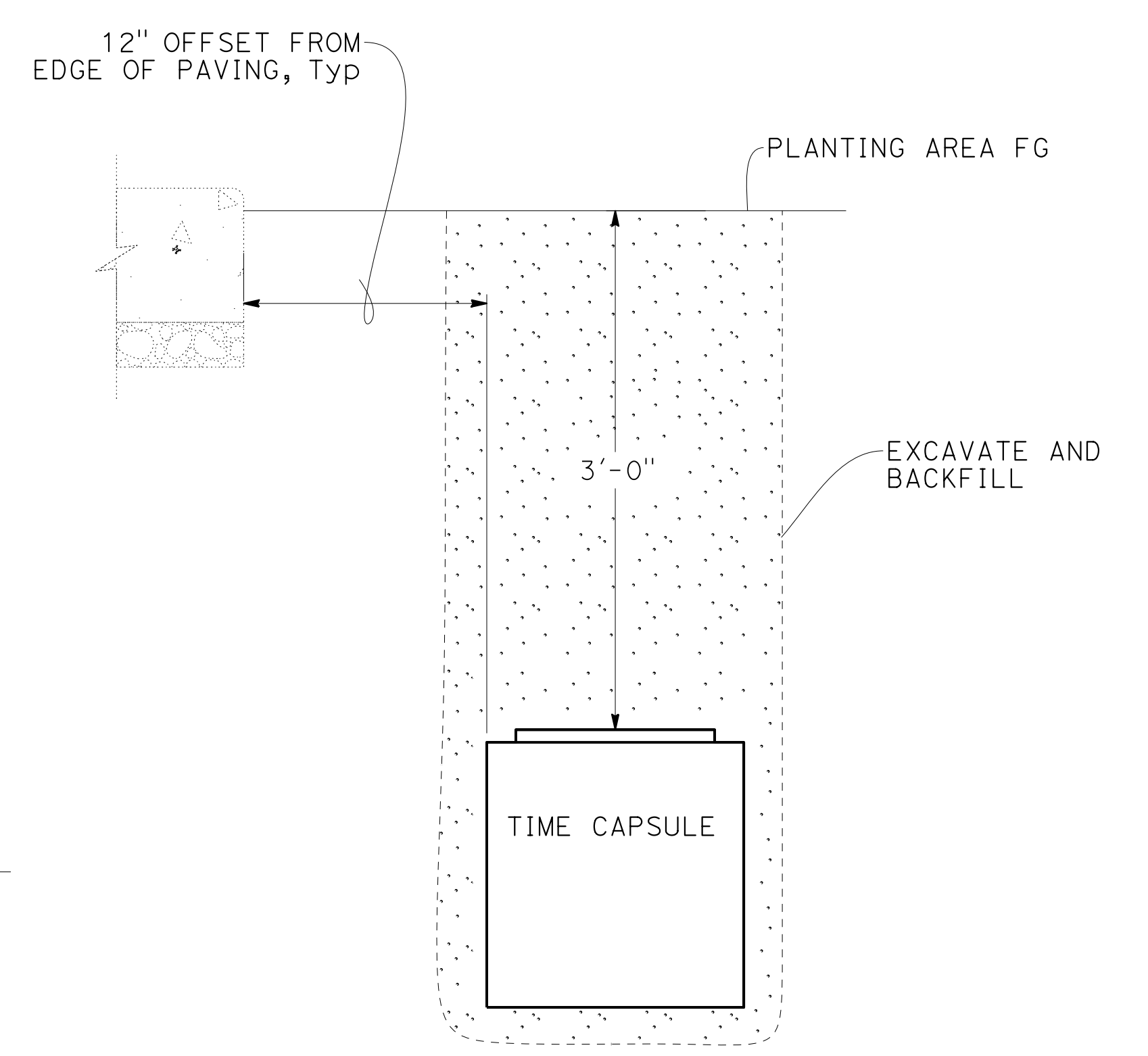


SECTION
**SOLAR POWERED
DECORATIVE BOLLARD**



NOTE:
PLACEMENT OF CONCRETE STONE BENCHES TO BE DETERMINED BY THE ENGINEER.

ELEVATION
CONCRETE STONE BENCH

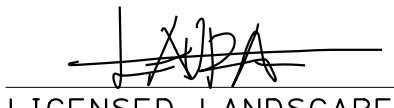
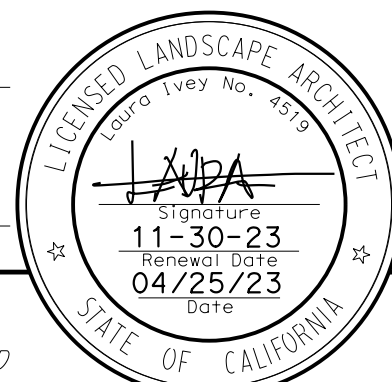


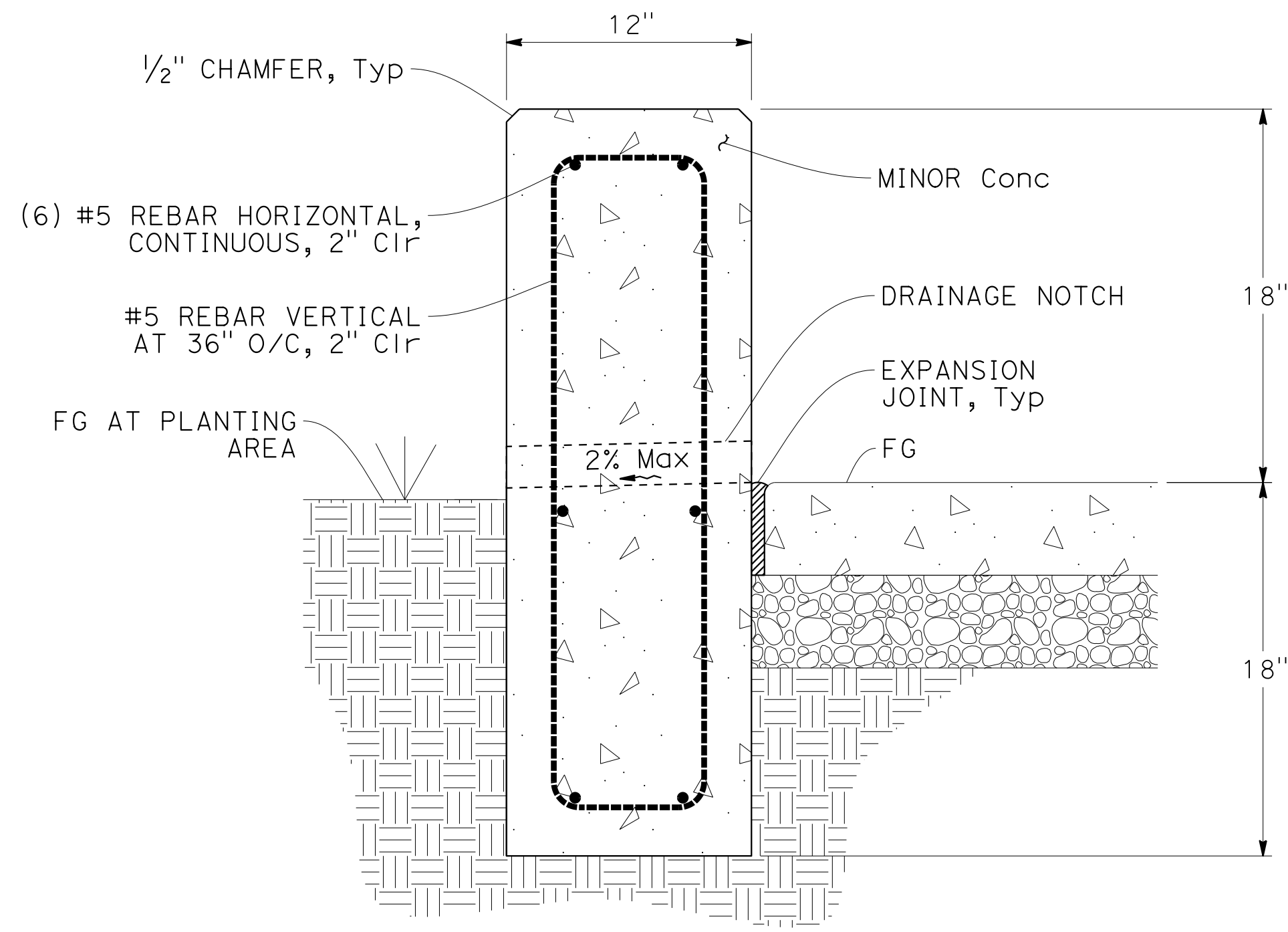
SECTION
TIME CAPSULE

LANDSCAPE DETAILS
NO SCALE **LD-3**

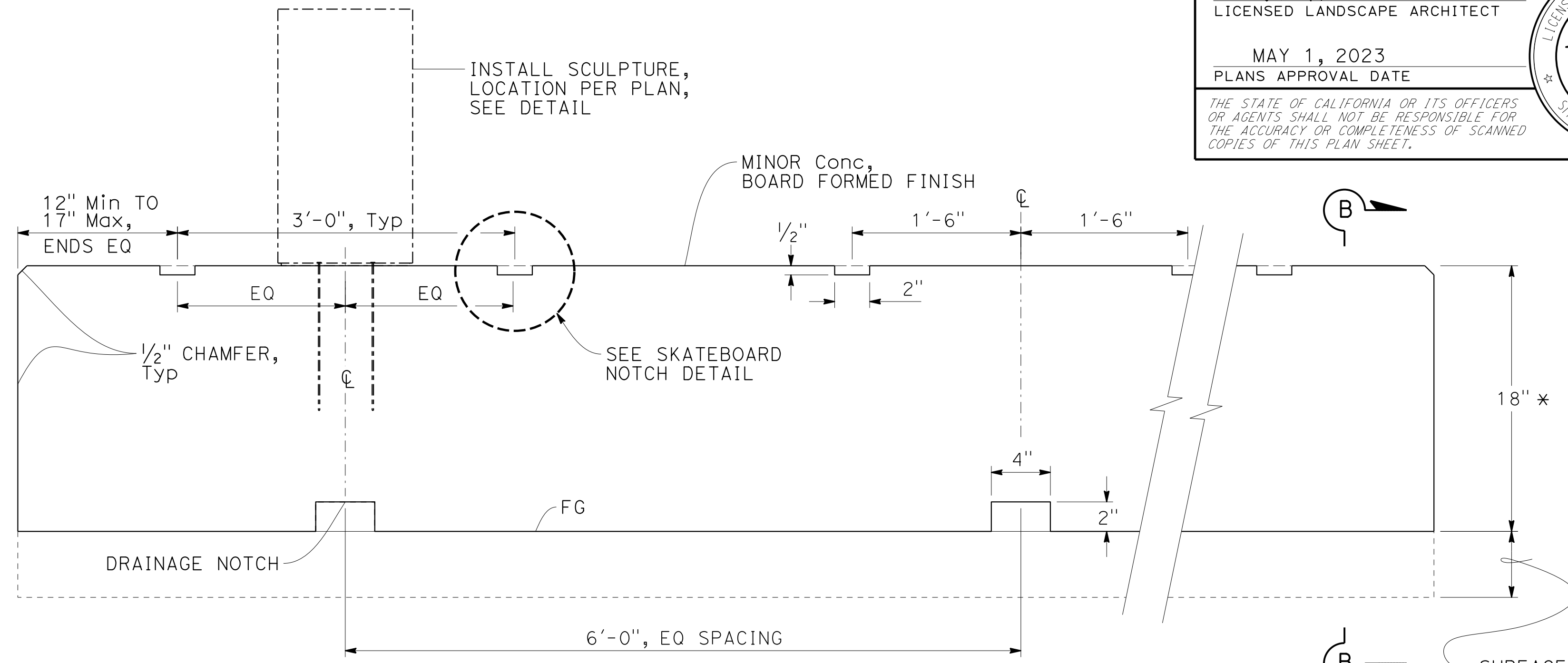
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT: CORBY KILMER
 CALCULATED/DESIGNED BY: PHILORA BARBASH
 CHECKED BY: LAURA IVEY
 REVISED BY: PHILORA BARBASH
 DATE REVISED: LAURA IVEY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	27	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>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.</small>		



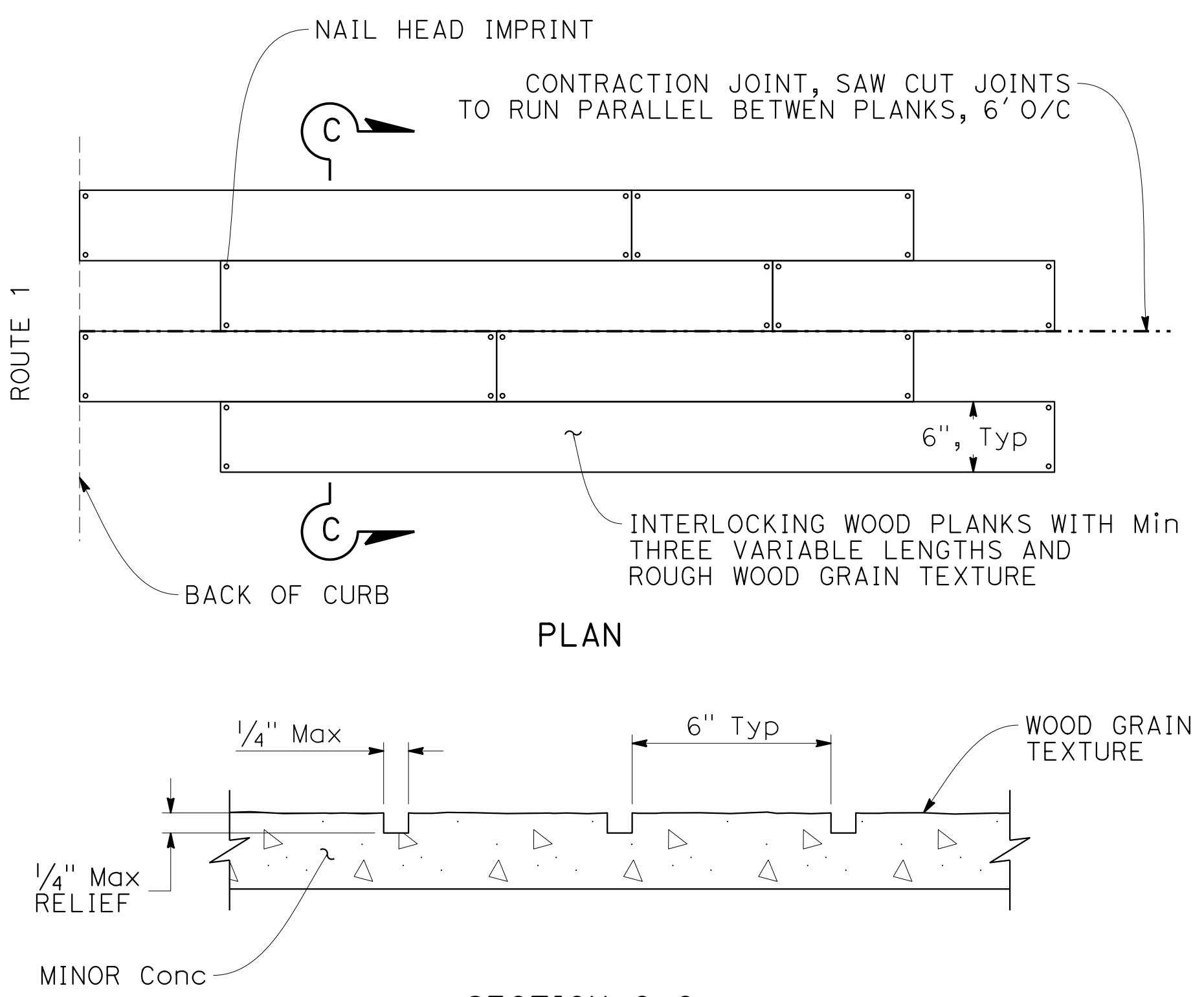
SECTION B-B



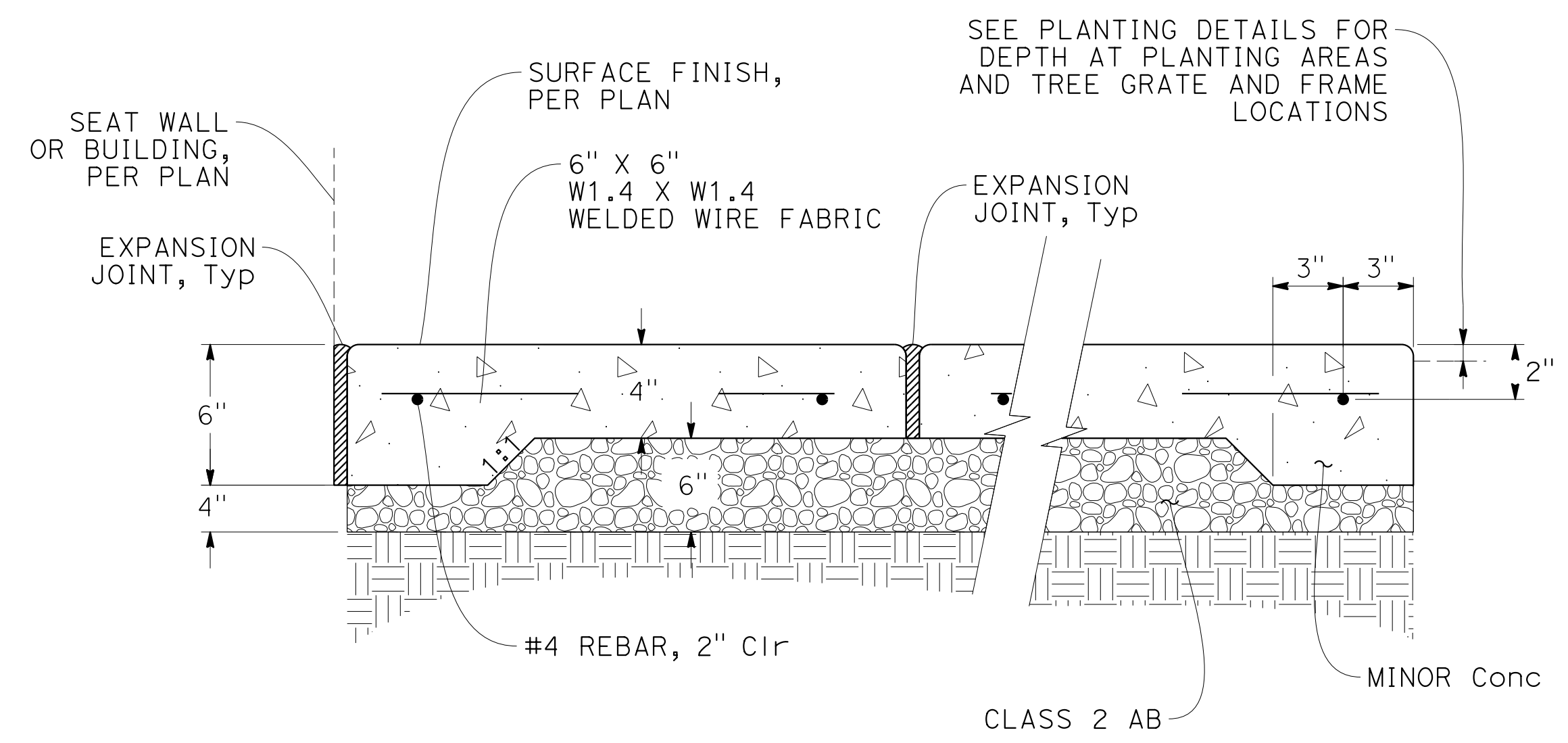
FRONT ELEVATION

MINOR Conc (SEAT WALL)

* TOP OF SEAT WALL MUST BE PLUMB.

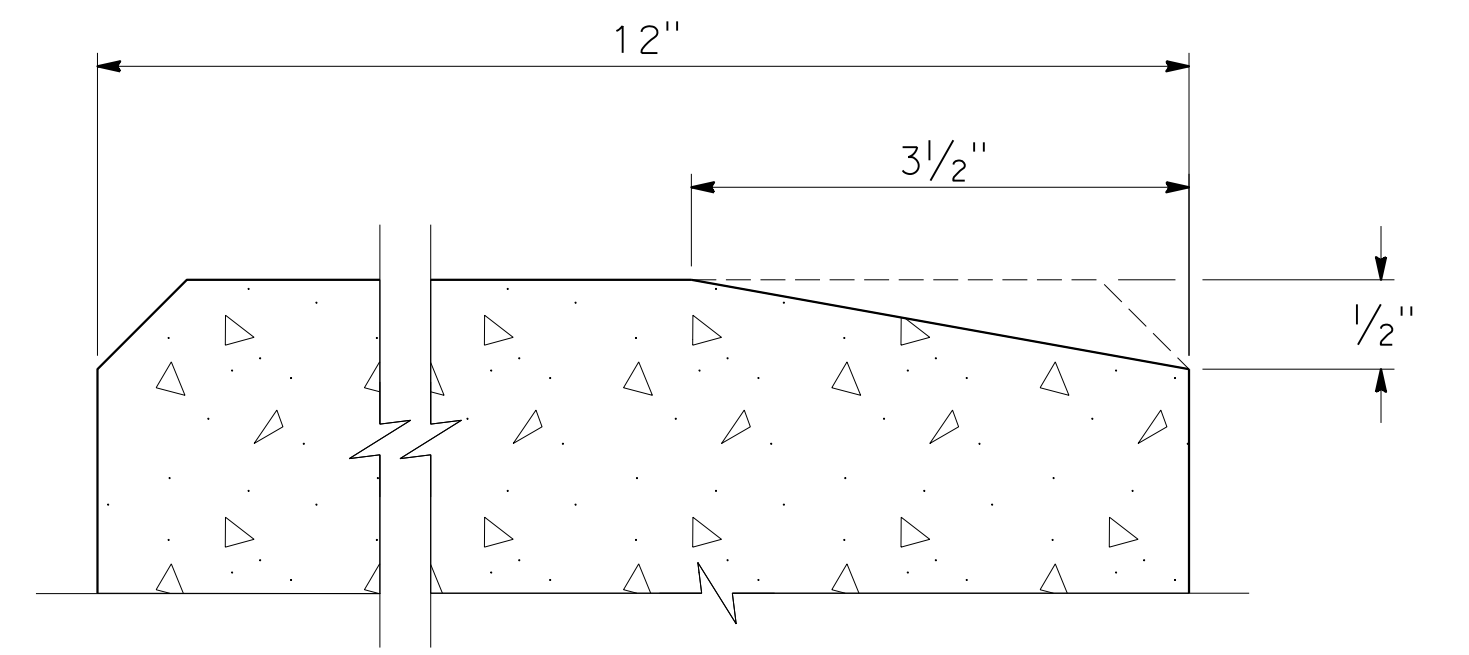


MINOR Conc (TEXTURED PAVING) (WOOD PLANK) DETAIL



CONCRETE PAVING DETAIL

NOTE:
 APPLIES TO MINOR CONCRETE (TEXTURED PAVING)
 AND MINOR CONCRETE (SEEDDED AGGREGATE CONCRETE).
 FINISHES PER PLAN.



**SECTION, Typ
 SKATEBOARD NOTCH
 DETAIL**

LANDSCAPE DETAILS

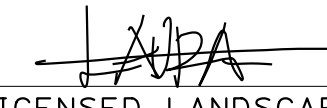
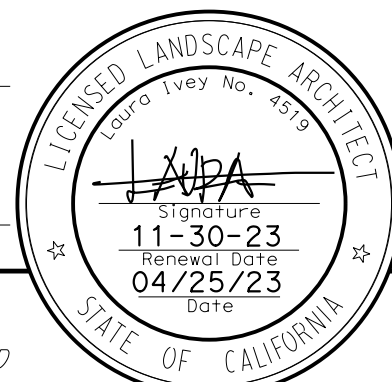
NO SCALE **LD-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 PHILORA BARBASH
 LAURA IVEY
 CORBY KILMER
 REVISOR BY DATE
 CHECKED BY
 CALCULATED/DESIGNED BY
 USERNAME =>
 DGN FILE => 0522000074sk004.dgn



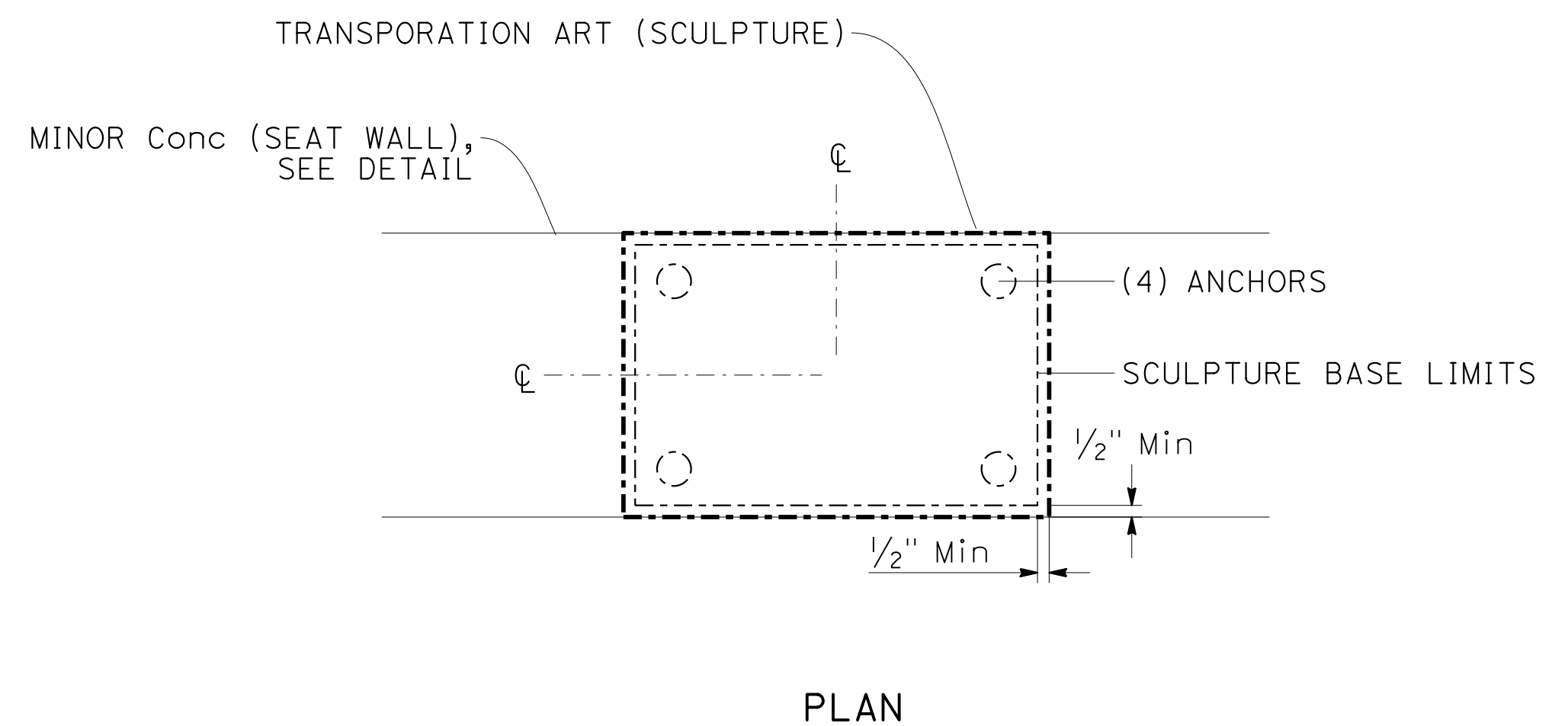
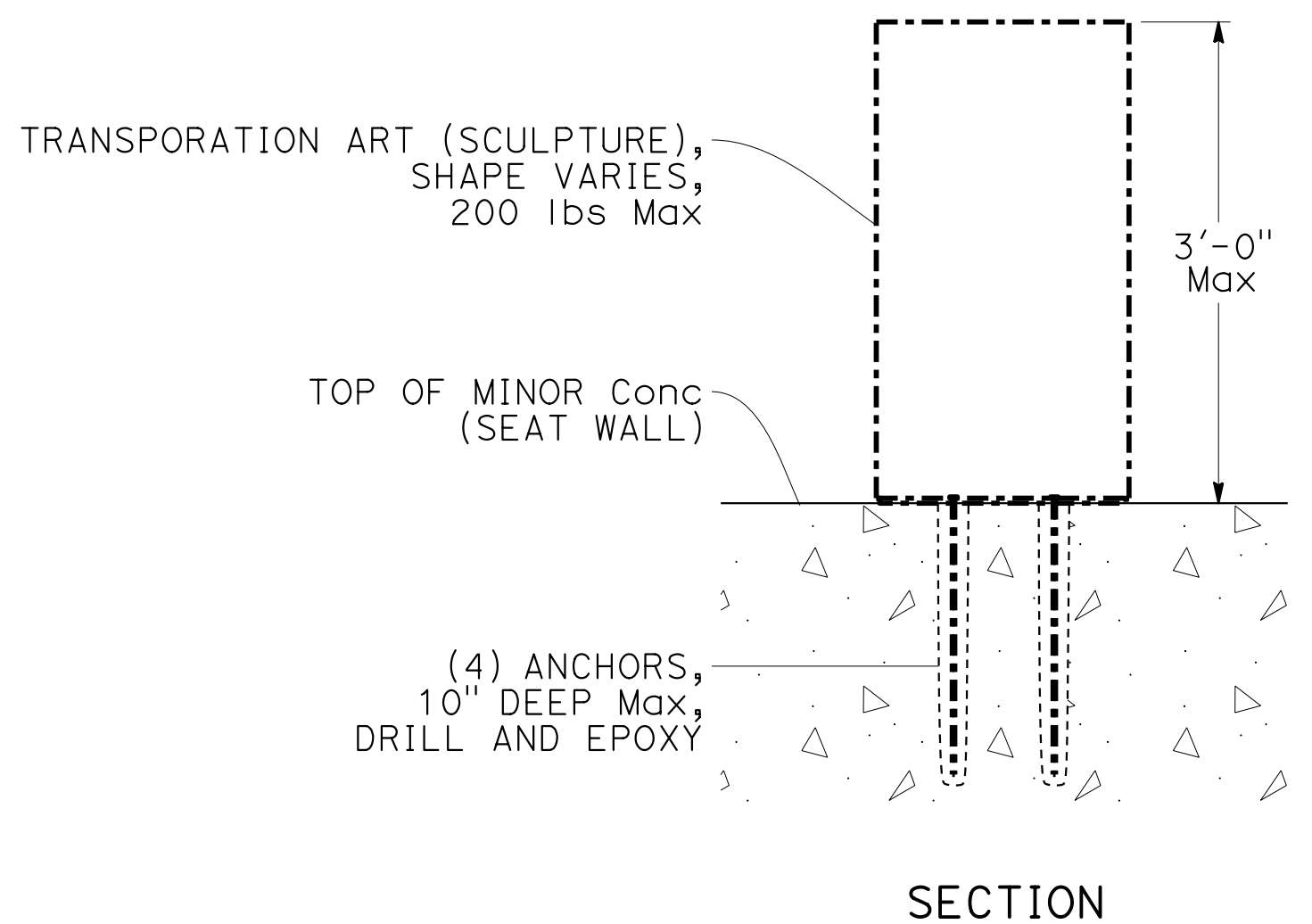
LAST REVISION DATE PLOTTED => 12-MAY-2023
 04-25-23 TIME PLOTTED => 10:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	28	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	REVISED BY
Caltrans LANDSCAPE ARCHITECTURE	CORBY KILMER	CHECKED BY	DATE REVISED
		PHLORA BARBASH	LAURA IVEY



INSTALL SCULPTURE

LANDSCAPE DETAILS

NO SCALE **LD-5**

LAST REVISION DATE PLOTTED => 12-MAY-2023 04-25-23 TIME PLOTTED => 10:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	29	60

LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 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.

NOTES:

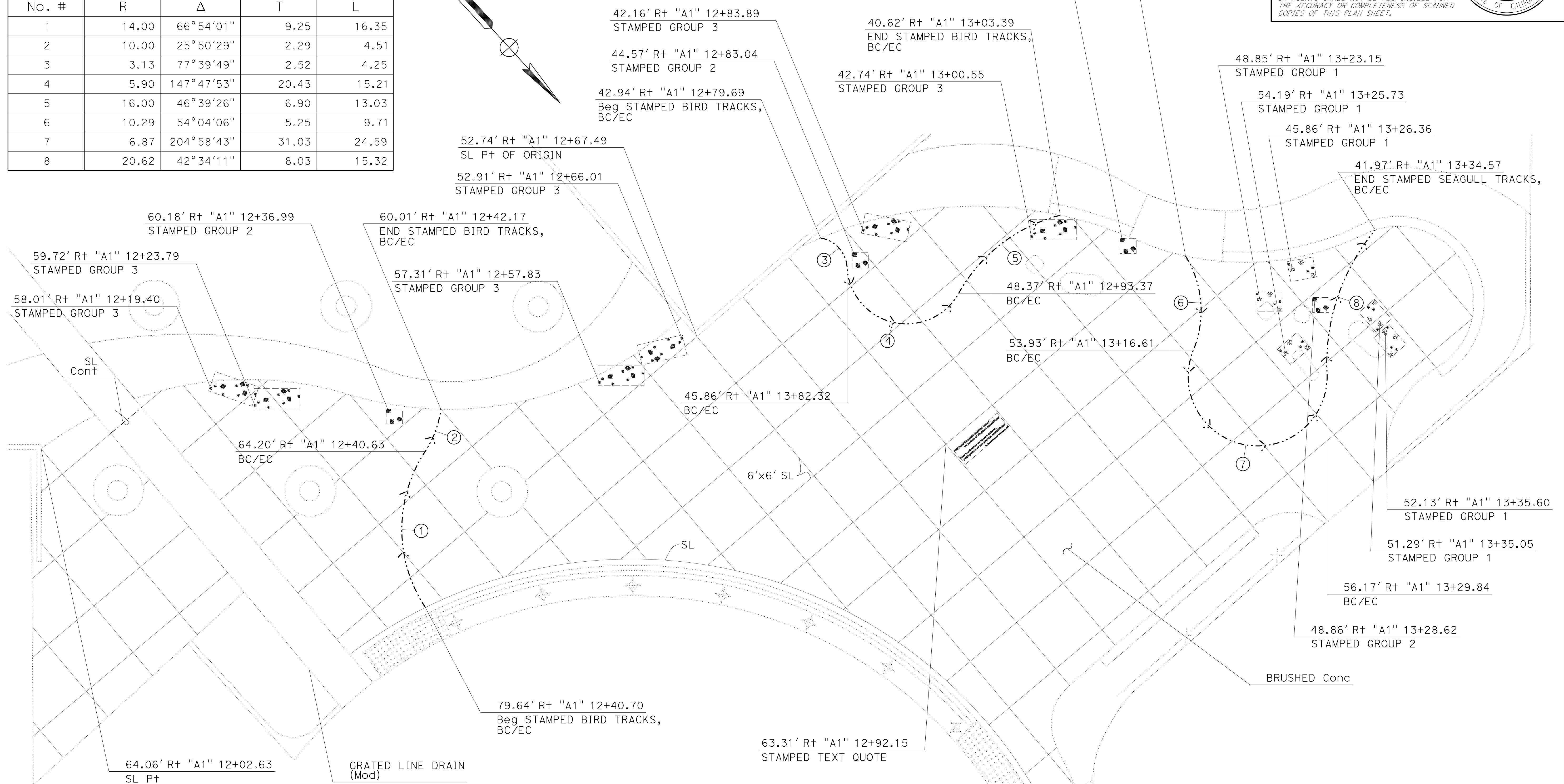
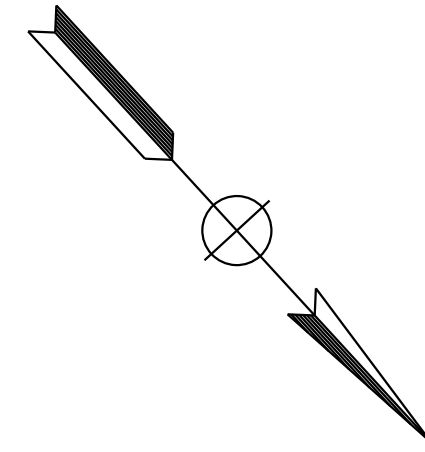
1. STAMPED CHARACTER ALIGNMENT FOR REFERENCE ONLY.
2. SCORE LINES ARE PARALLEL AND PERPENDICULAR TO GRATED LINE DRAIN.

LEGEND:

--->--->---> STAMPED CHARACTER ALIGNMENT

CURVE DATA

No. #	R	Δ	T	L
1	14.00	66°54'01"	9.25	16.35
2	10.00	25°50'29"	2.29	4.51
3	3.13	77°39'49"	2.52	4.25
4	5.90	147°47'53"	20.43	15.21
5	16.00	46°39'26"	6.90	13.03
6	10.29	54°04'06"	5.25	9.71
7	6.87	204°58'43"	31.03	24.59
8	20.62	42°34'11"	8.03	15.32



PLAN

MINOR Conc (TEXTURED PAVING) (Misc)

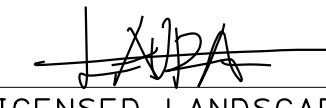
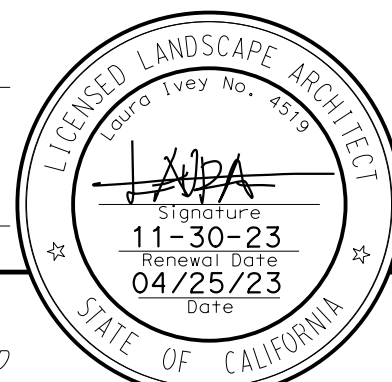
LANDSCAPE DETAILS

SCALE: 1" = 5'

LD-6

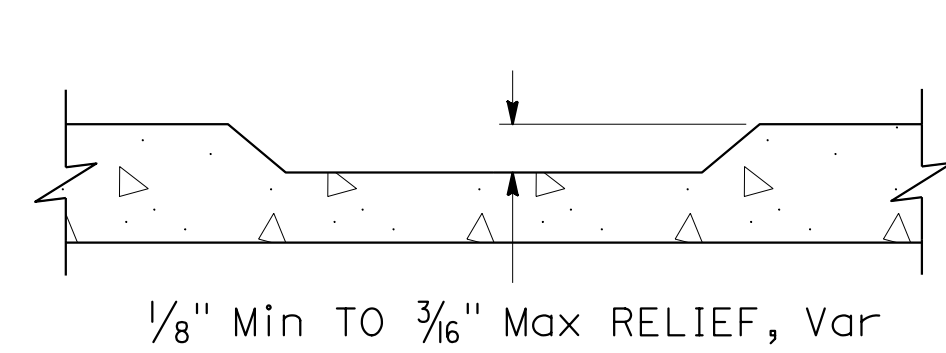
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 PHILORA BARBASH
 LAURA IVEY
 CORBY KILMER

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	30	60

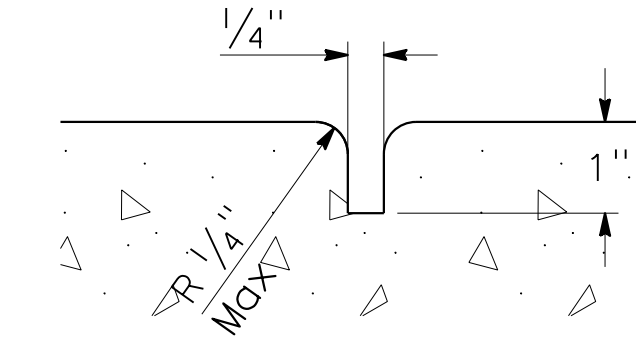
 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTES:

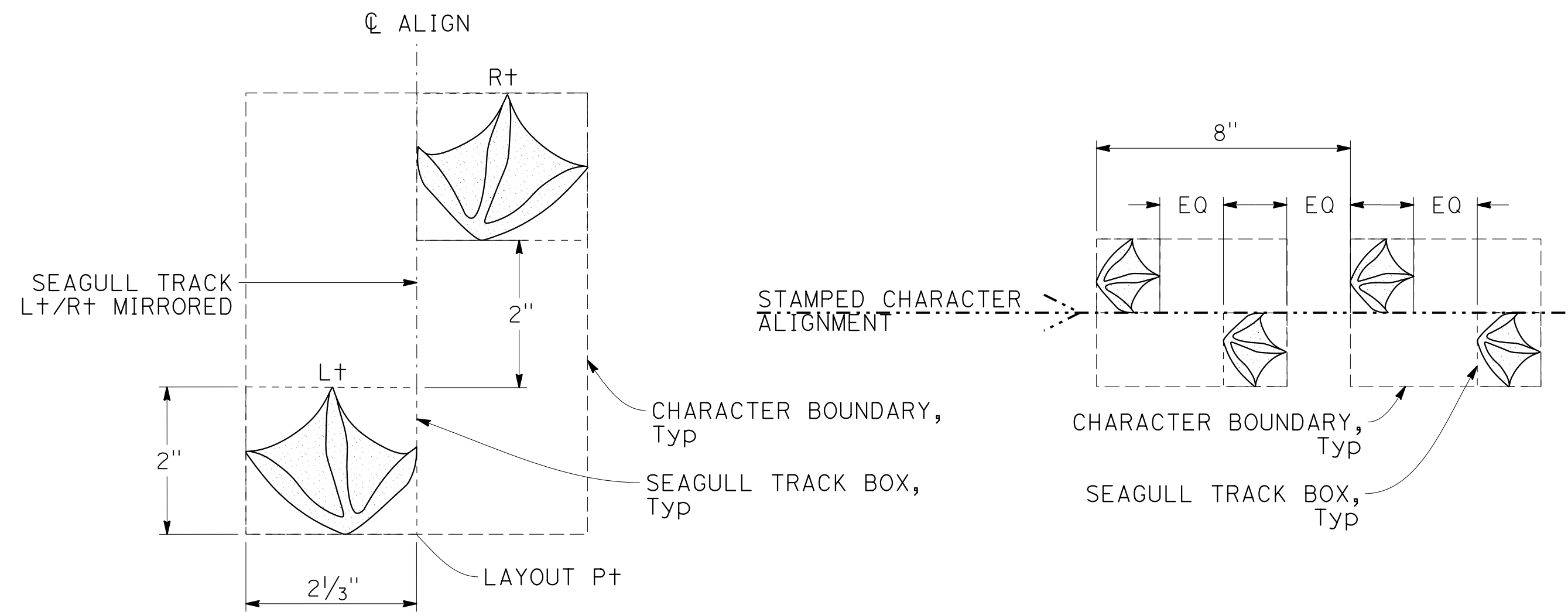
- ACTUAL DIMENSIONS OF STAMPED CHARACTERS MAY VARY BASED ON PRODUCT AVAILABILITY.
- BOX, BOUNDARY, AND ALIGNMENT SHOWN FOR REFERENCE ONLY.



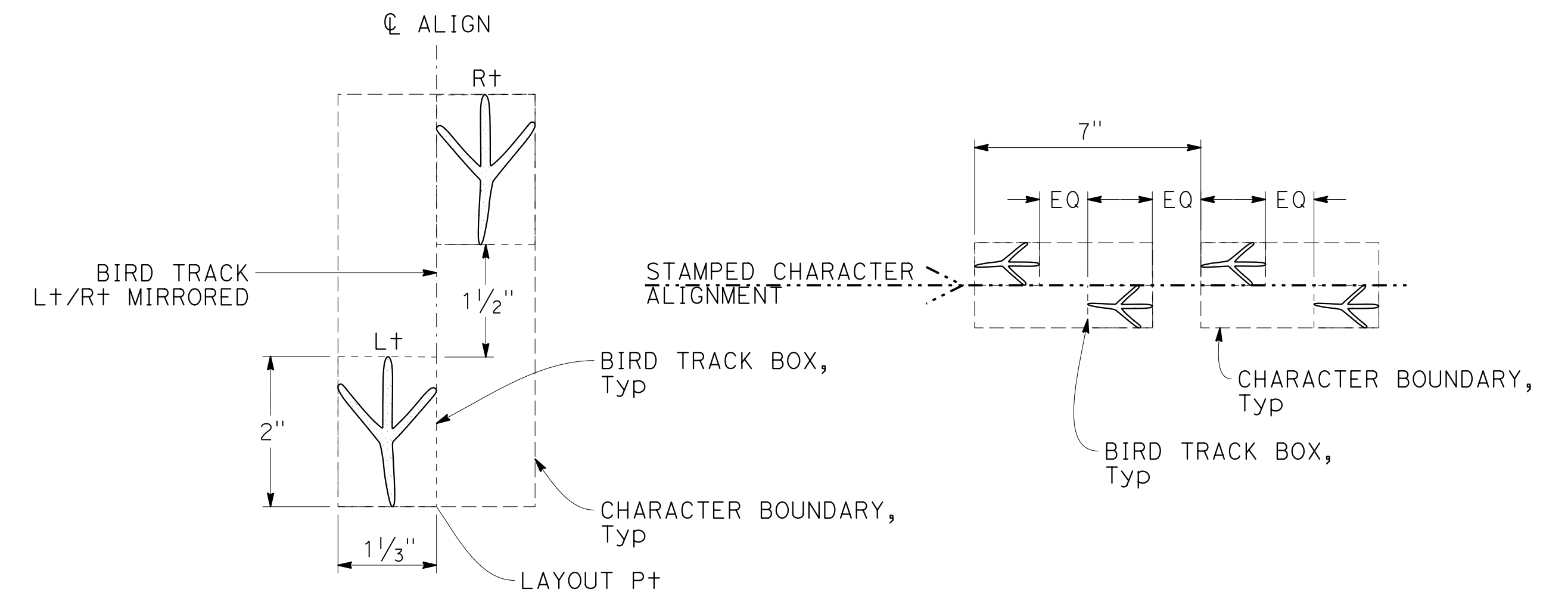
SECTION, Typ
STAMPED CHARACTERS DETAIL



SECTION
SCORE LINE DETAIL



PLAN
STAMPED SEAGULL TRACKS DETAIL

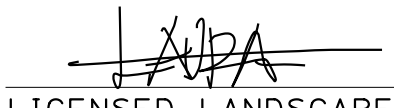
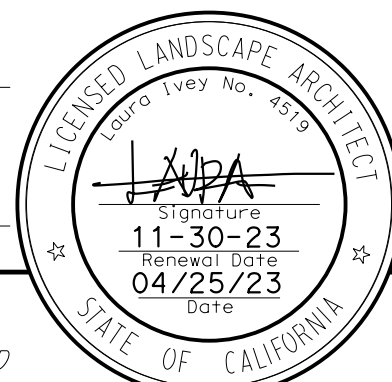


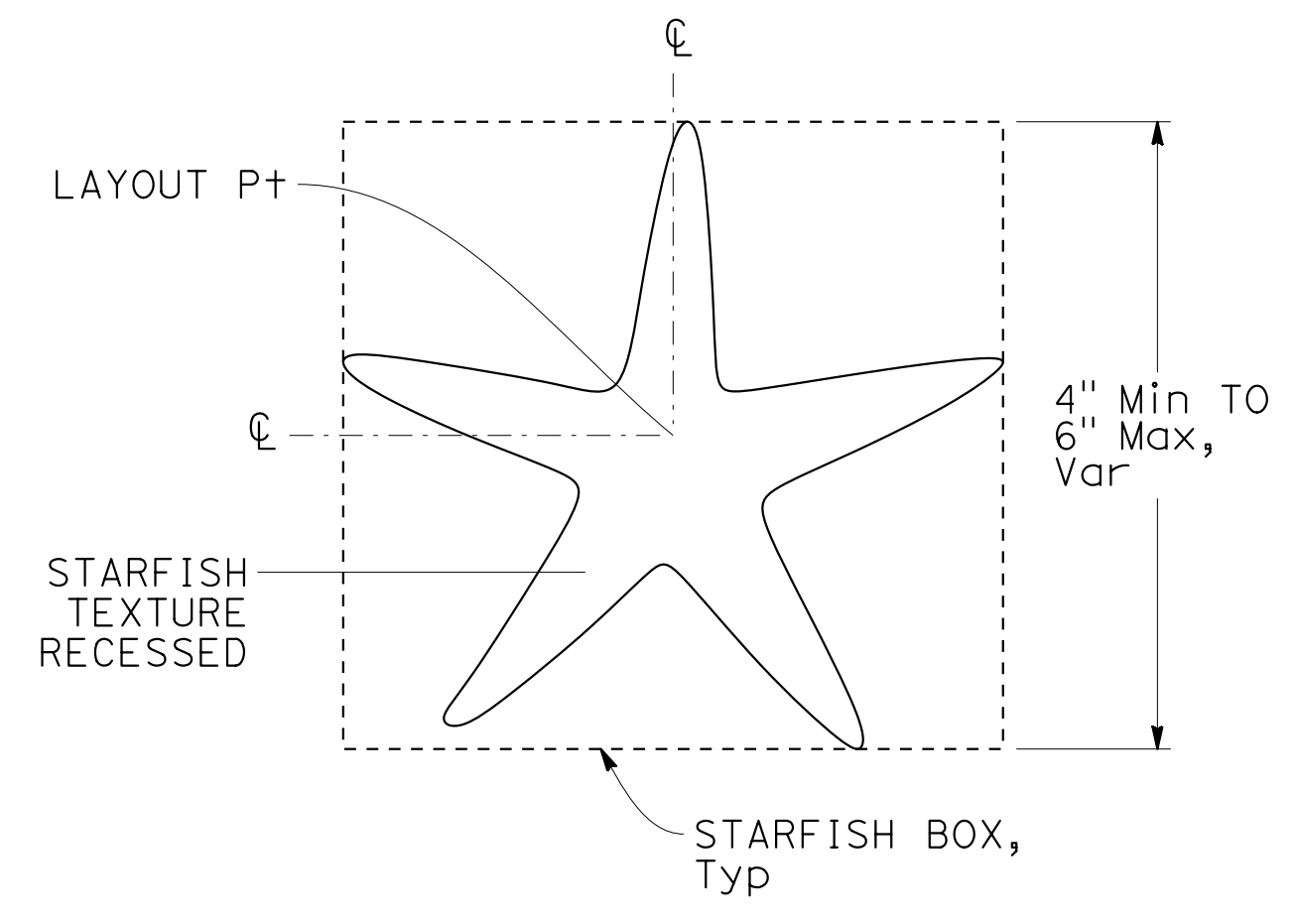
PLAN
STAMPED BIRD TRACKS DETAIL

LANDSCAPE DETAILS

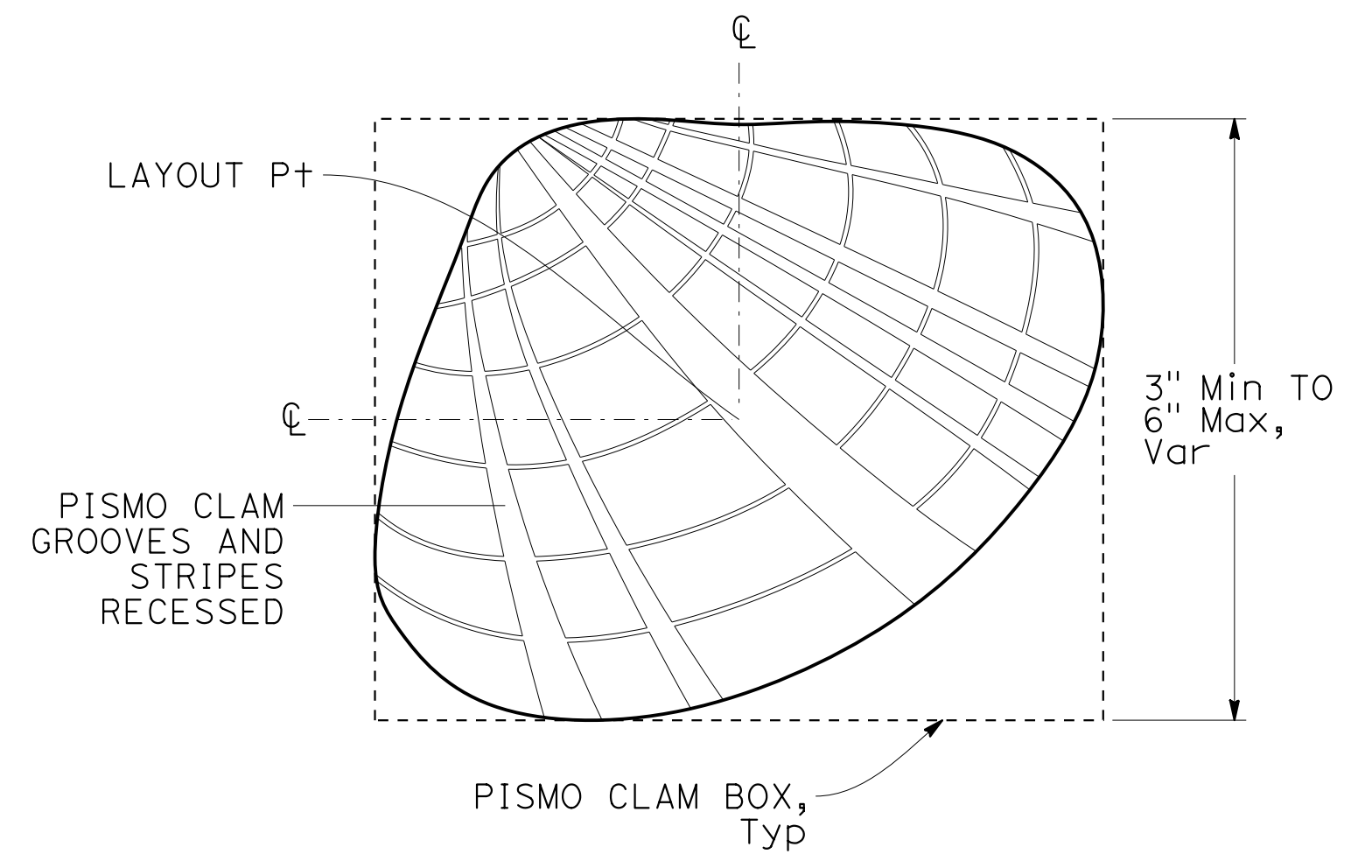
NO SCALE **LD-7**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	31	60

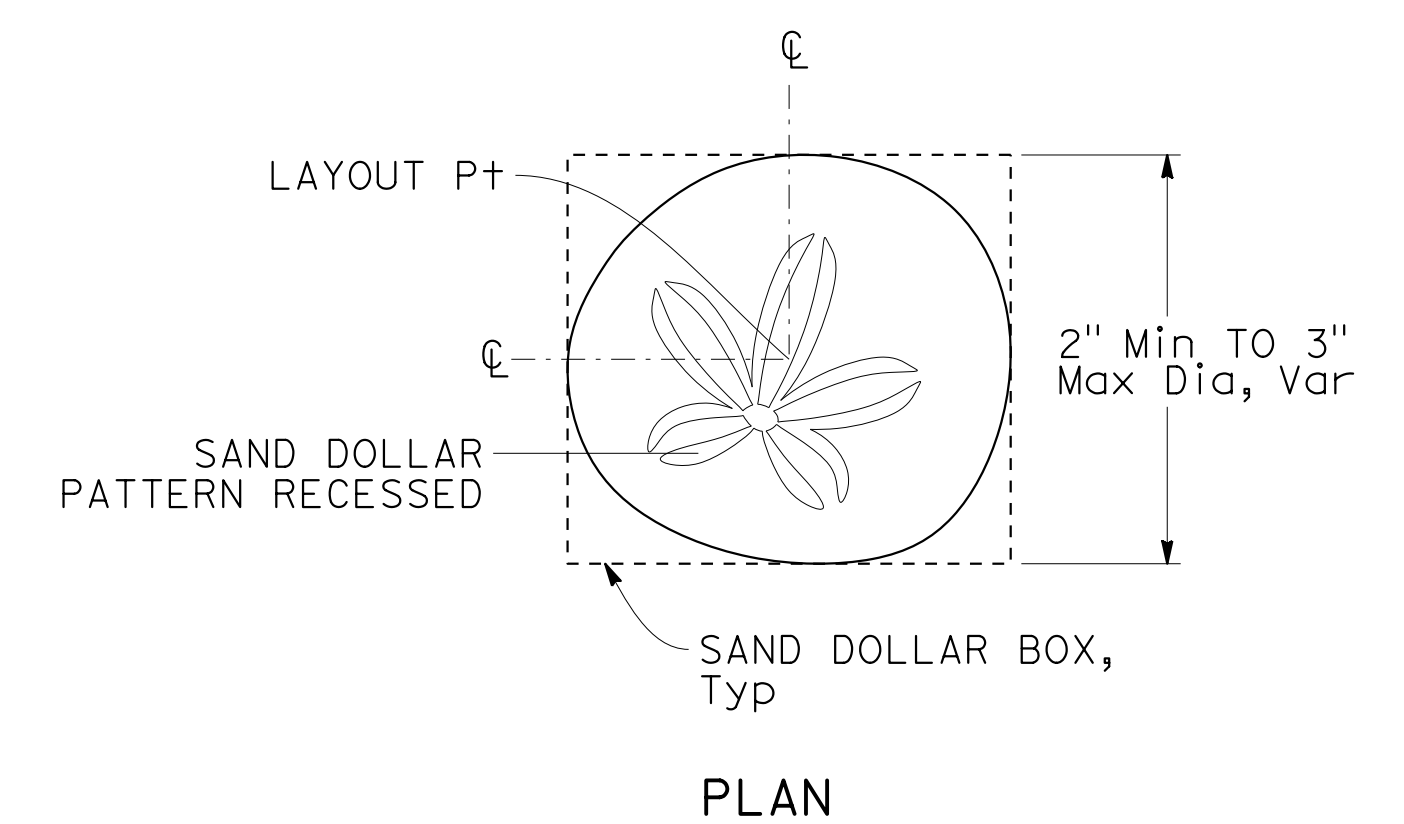
 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		



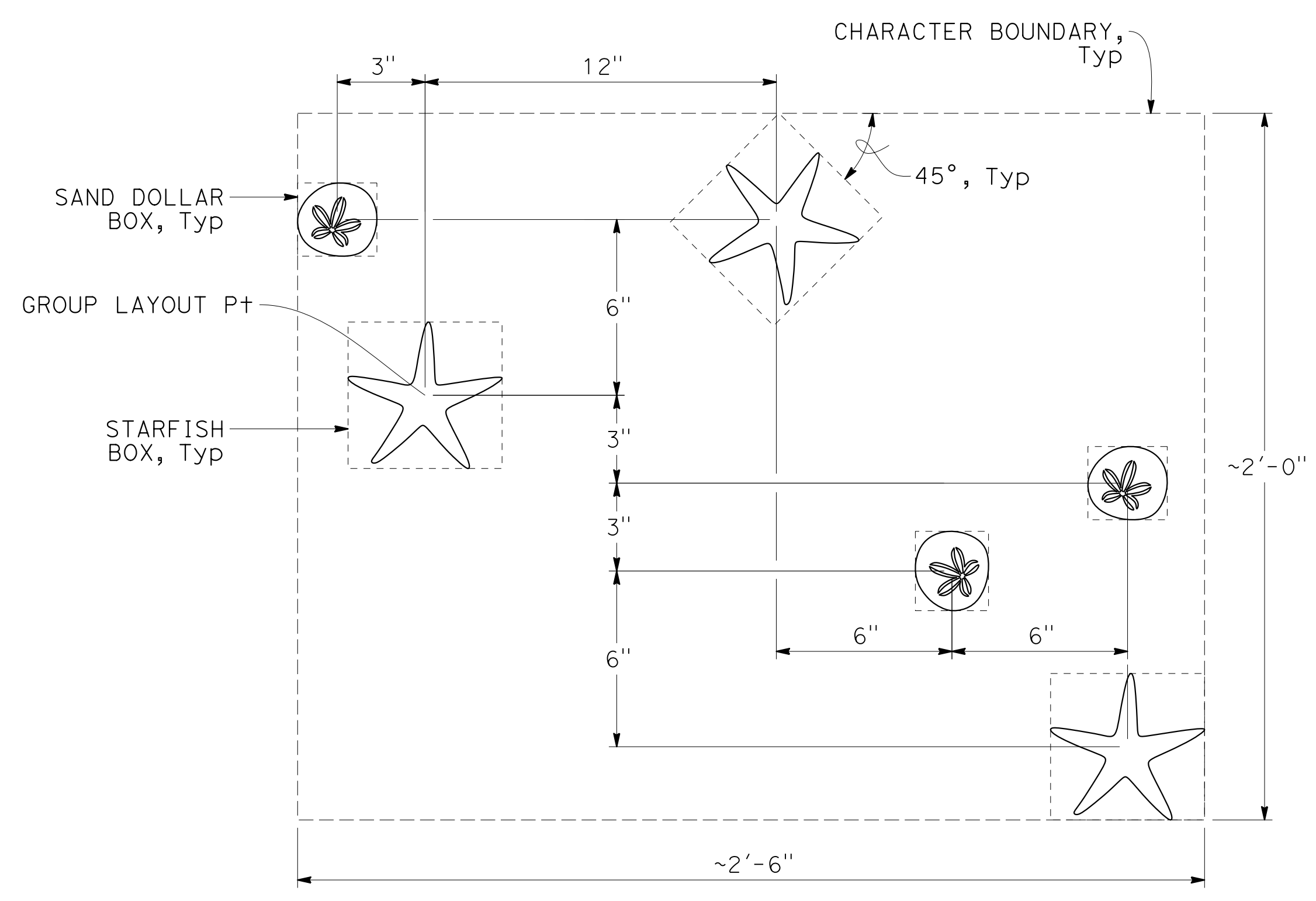
PLAN
STAMPED STARFISH DETAIL



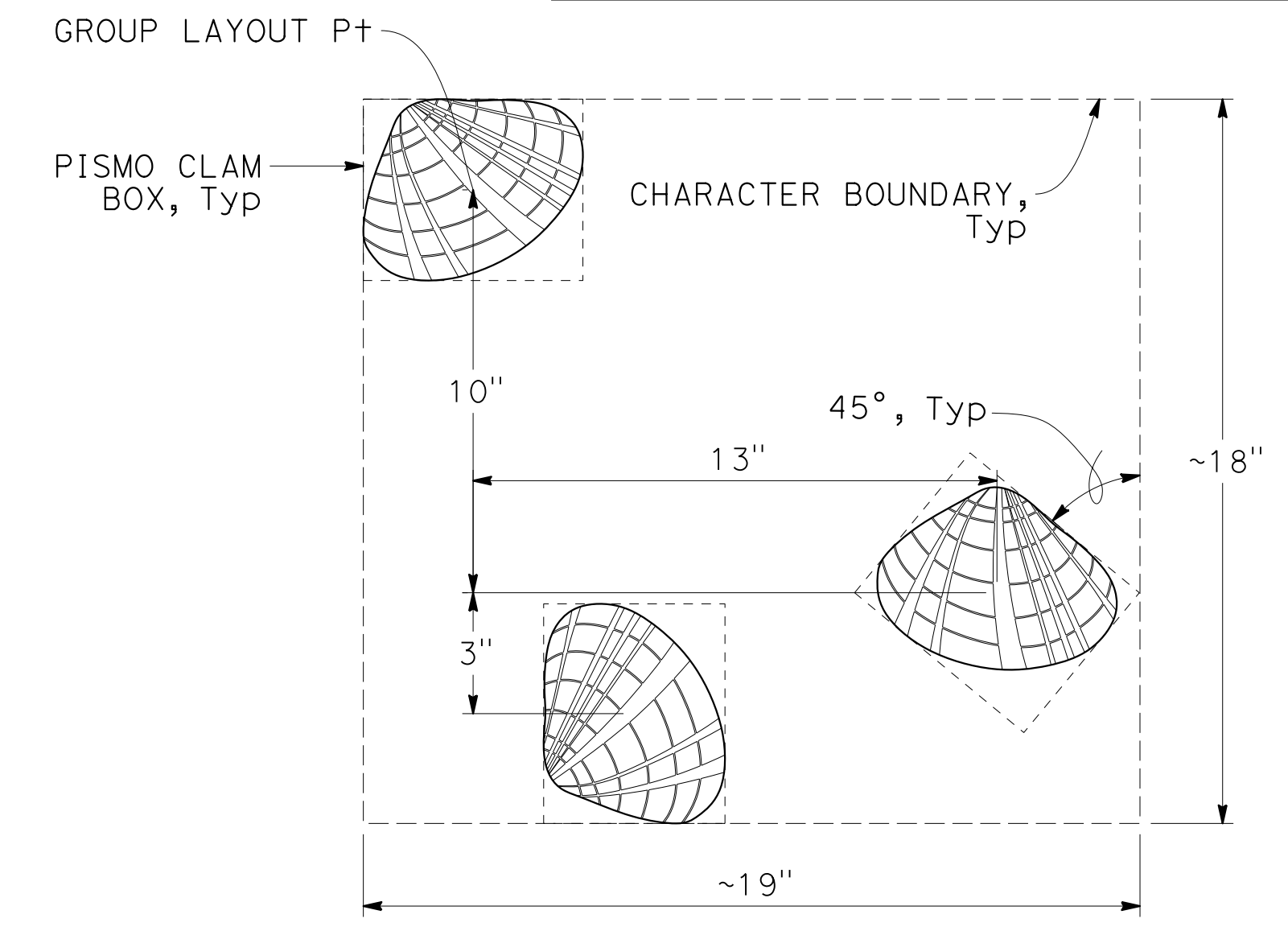
PLAN
STAMPED PISMO CLAM DETAIL



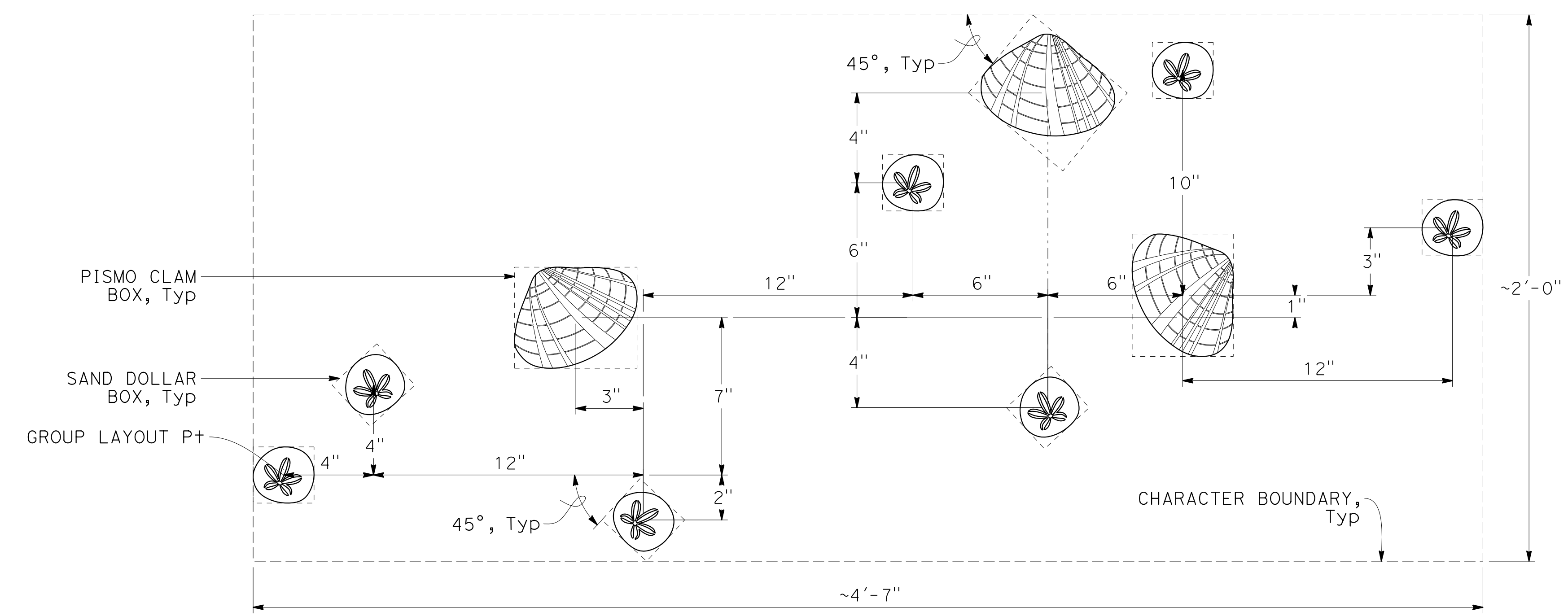
PLAN
STAMPED SAND DOLLAR DETAIL



PLAN
STAMPED GROUP 1 DETAIL



PLAN
STAMPED GROUP 2 DETAIL

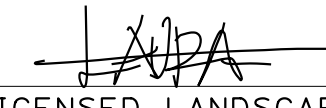
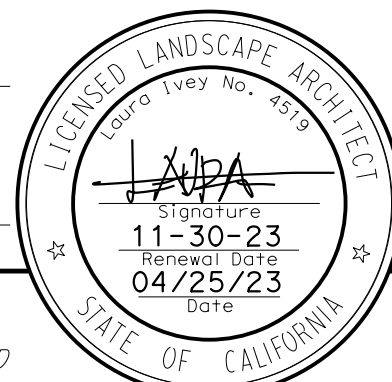


PLAN
STAMPED GROUP 3 DETAIL

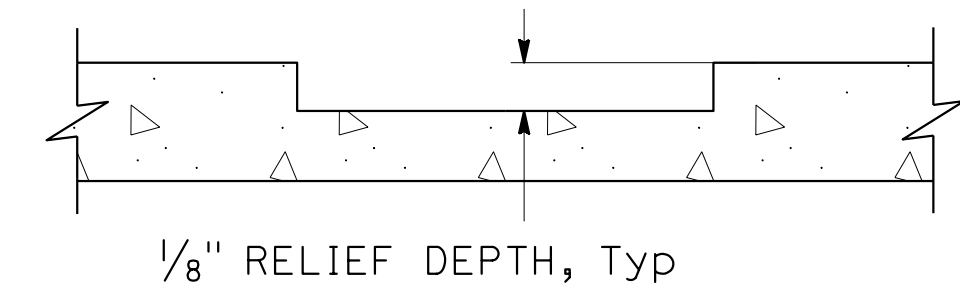
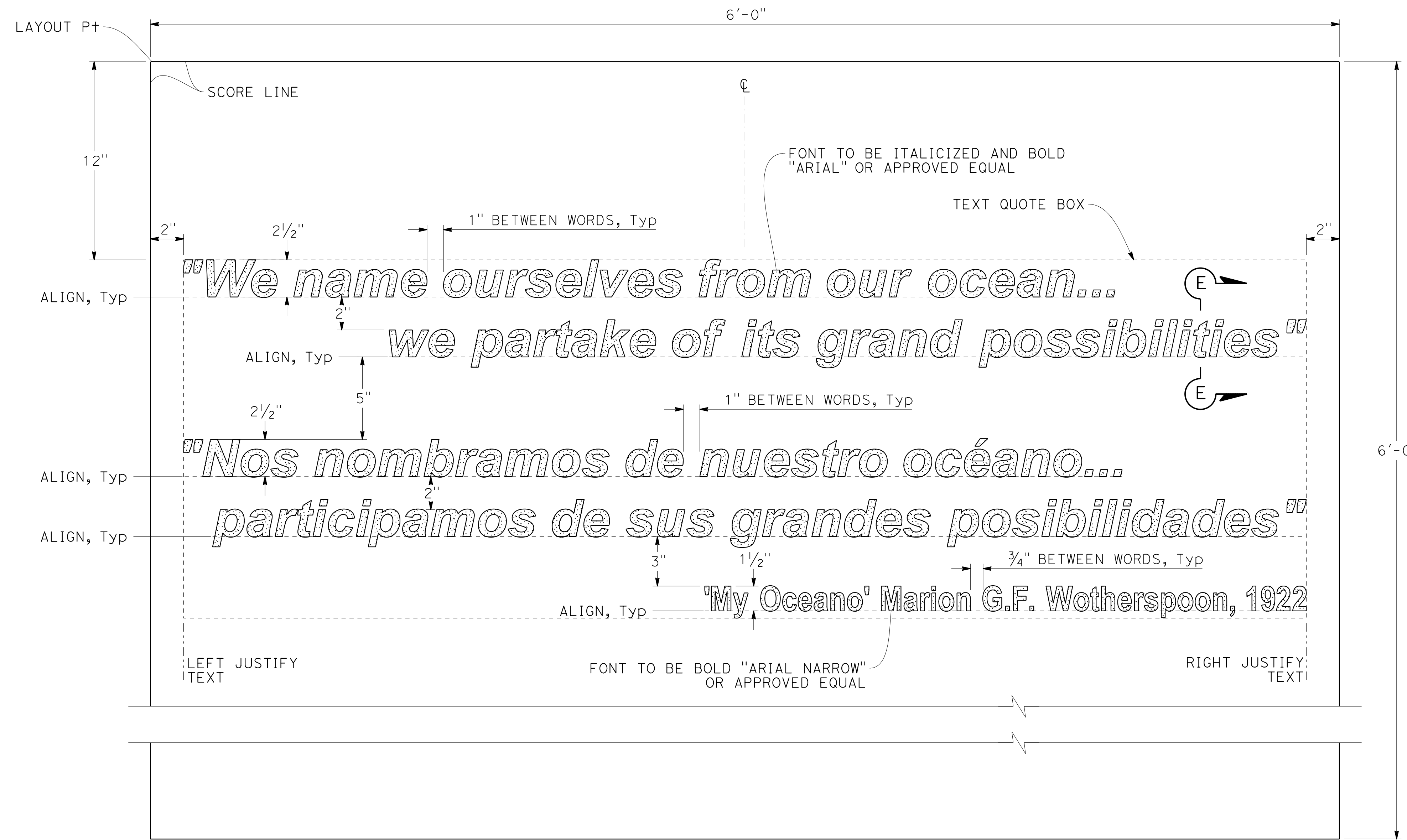
LANDSCAPE DETAILS
NO SCALE **LD-8**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 PHILORA BARBASH
 LAURA IVEY
 CORBY KILMER
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	32	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 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.



PLAN
STAMPED TEXT QUOTE DETAIL

LANDSCAPE DETAILS
 NO SCALE **LD-9**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT: CORBY KILMER
 CALCULATED/DESIGNED BY: PHILORA BARBASH
 CHECKED BY: LAURA IVEY
 REVISED BY: PHILORA BARBASH
 DATE REVISED: LAURA IVEY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	33	60

L.A.P.A.
LICENSED LANDSCAPE ARCHITECT

MAY 1, 2023
PLANS APPROVAL DATE

11-30-23
04/25/23

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MINOR CONCRETE AND BASE QUANTITIES

SHEET No.	LOCATION/STATION	MINOR CONCRETE (TEXTURED PAVING)			MINOR CONCRETE (SEEDED AGGREGATE CONCRETE)	MINOR CONCRETE (SEAT WALL)	CLASS 2 AGGREGATE BASE (CY)	MINOR CONCRETE (CURB) (CY)
		(WOOD PLANK)	(Misc)					
			BRUSHED	STAMPED CHARACTERS (N)				
LD-1	"A1" 11+58.71 TO 13+49.95	51.5					75.1	
LD-1	"A2" 13+26.91 TO 13+95.77		50.1	89.5			74.1	
LD-1	"A1" 11+85.31 TO 13+19.38				6.5		9.6	
LD-1	"A1" 13+02.21 TO "A2" 13+89.84					7.5		
LD-1	"A2" 13+47.58 TO "A1" 13+49.95						0.6	
SUBTOTAL		51.5	50.1					
TOTAL		101.6*			6.5*	7.5*	159.4*	1.2*

(N) - NOT A SEPARATE BID ITEM
* - QUANTITY INCLUDED IN Q-1 SHEET

SITE FURNISHING QUANTITIES

SHEET No.	LOCATION/STATION	BIKE RACK	TREE GRATE AND FRAME	INSTALL SCULPTURE	TIME CAPSULE	SOLAR POWERED DECORATIVE BOLLARD		CONCRETE STONE BENCH		
						SOLAR POWERED DECORATIVE BOLLARD ASSEMBLY	(N)	SMALL	MEDIUM	LARGE
LD-1	"A1" 11+58.71 TO 13+49.95	4	14	1	1	15	18.1	5	2	3
TOTAL		4	14	1	1	15		10		

(N) - NOT A SEPARATE BID ITEM

WOOD FENCE QUANTITIES

SHEET No.	LOCATION/STATION	WOOD FENCE	(N)
		LF	CY
LD-1	"A2" 13+90.92 TO 13+91.10	24	0.79
TOTAL		24	

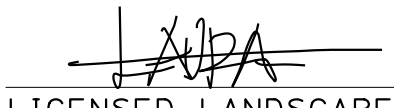
(N) - NOT A SEPARATE BID ITEM


TRANSPORTATION ART (SCULPTURE)

SHEET No.	EA
LD-1	1
TOTAL	1

LANDSCAPE QUANTITIES
LQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	34	60


 LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE



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IRRIGATION SPRINKLER SCHEDULE

SYMBOL	ITEM DESCRIPTION	SPRAY PATTERN	DISCHARGE RATE (+/- 5%)			INLET CONNECTION DIAMETER	RISER SPRINKLER ASSEMBLY		REMARKS
			OPERATING PRESSURE	GPM	GPH		TYPE	MATERIAL	
			psi						
○	TREE WELL SPRINKLER ASSEMBLY	BUBBLER	30	0.25		1/2	V	PI	① ② ③
— DIT —	DRIP IRRIGATION TUBING		30		1			PI	④ ⑤

IRRIGATION CONDUIT

SHEET No.	PVC PIPE CONDUIT (SLEEVE)	
	3" LF	4" LF
ID-1	260	170
TOTAL	430	

NOTE:
IRRIGATION SUPPLY LINES INSIDE IRRIGATION CONDUIT ARE QUANTIFIED IN THE IRRIGATION QUANTITY TABLE.

NOTES:

- ① - TWO PER PLANT
- ② - FULL CIRCLE
- ③ - SPRINKLER BODY TO INCLUDE PRE-INSTALLED PRESSURE COMPENSATING FEATURE
- ④ - ONE PER PLANT
- ⑤ - BARBED EMITTER

IRRIGATION QUANTITY (MAIN SUPPLY SIDE OF CONTROL VALVE)

SHEET No.	IRRIGATION CONTROLLER	VALVE								GALVANIZED STEEL PIPE (SUPPLY LINE)	
		BACKFLOW PREVENTER ASSEMBLY	WYE STRAINER ASSEMBLY	VALVE				GARDEN ASSEMBLY			
				REMOTE CONTROL	DRIP ASSEMBLY	BALL	GATE				
	SOLAR POWERED	1"	1"	1"	1"	1"	1"	1"	1"	1 1/2"	
	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	
ID-1 (CONTROLLER A)	1	1	1	2	1		1	1		10	
ID-1 (CONTROLLER B)	1	1			1			1	5		
TOTAL	2	2	1	2	2	1	1	2	5	10	

IRRIGATION QUANTITY (LATERAL SUPPLY SIDE OF CONTROL VALVE)

CONTROLLER LETTER	VALVE NUMBER	PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		DRIP IRRIGATION TUBING	DRIP EMITTER (N)	RISER SPRINKLER ASSEMBLY (BUBBLER)
		1"	3/4"			
		LF	LF			
A	1	175		210	129	
	2	480				34
B	1	45		170	97	
TOTAL		700		380		34

(N) - NOT A SEPARATE BID ITEM

IRRIGATION SPRINKLER SCHEDULE

ISS-1

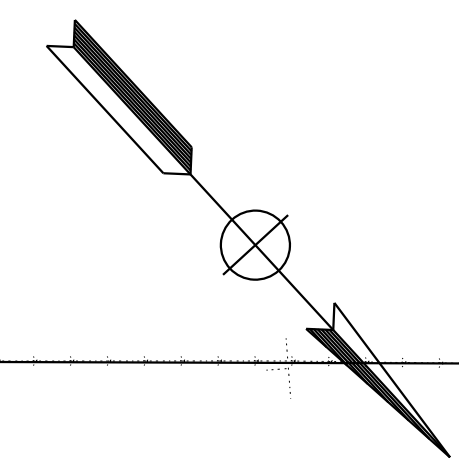
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	35	60


 LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE
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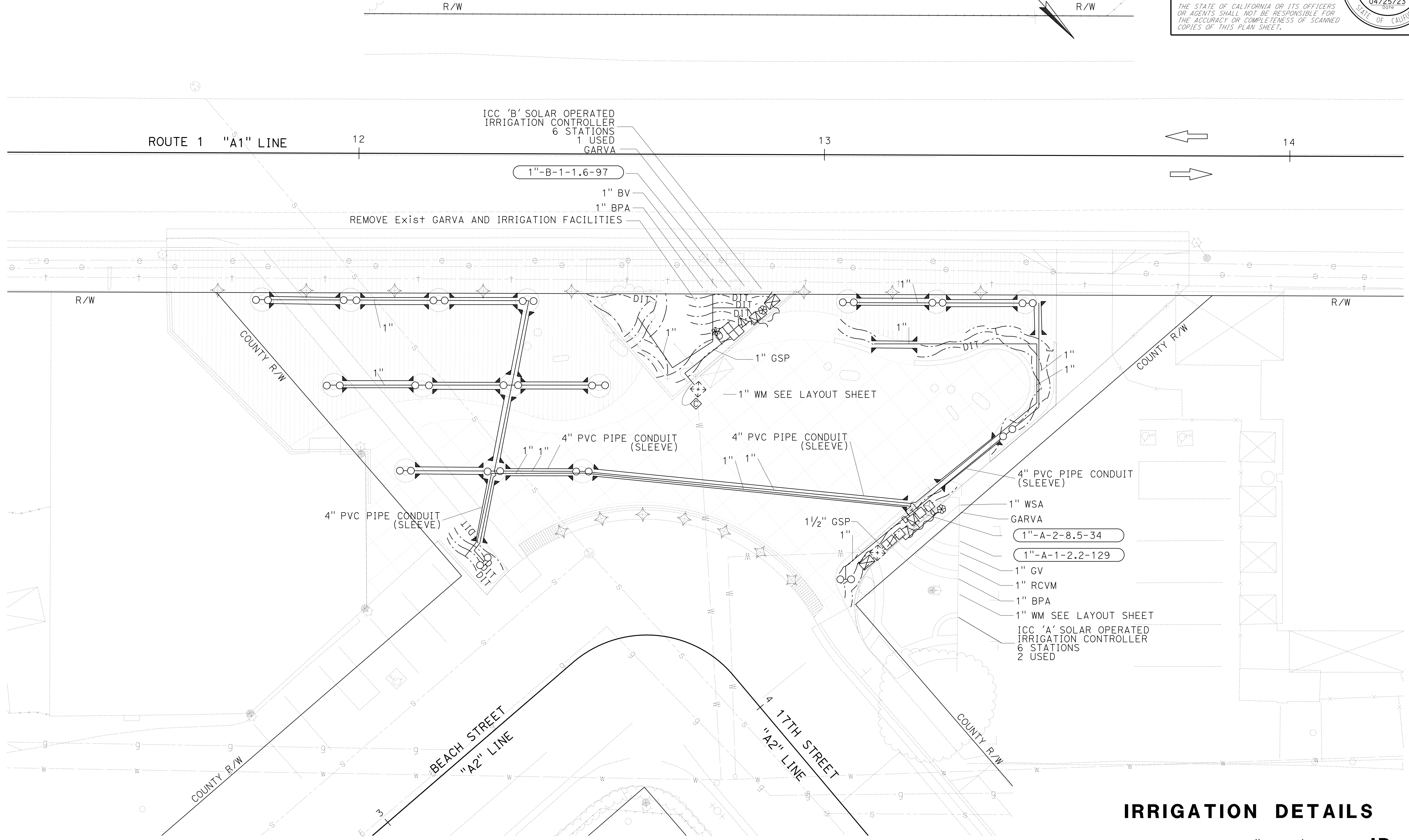


NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- ALL PVC PIPE CONDUIT (SLEEVE) 3" UNLESS OTHERWISE SHOWN.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 CORBY KILMER
 CALCULATED/DESIGNED BY
 CHECKED BY
 LAURA IVEY
 SHELBY ADAMS
 REVISED BY
 DATE
 REVISOR
 DATE

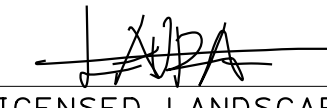
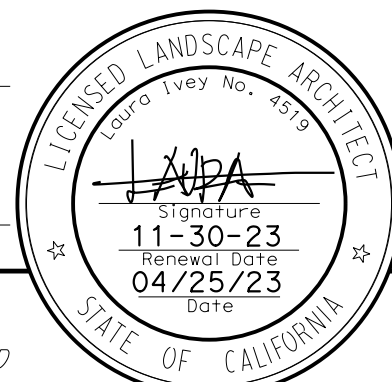



IRRIGATION DETAILS
 SCALE: 1" = 10'
ID-1

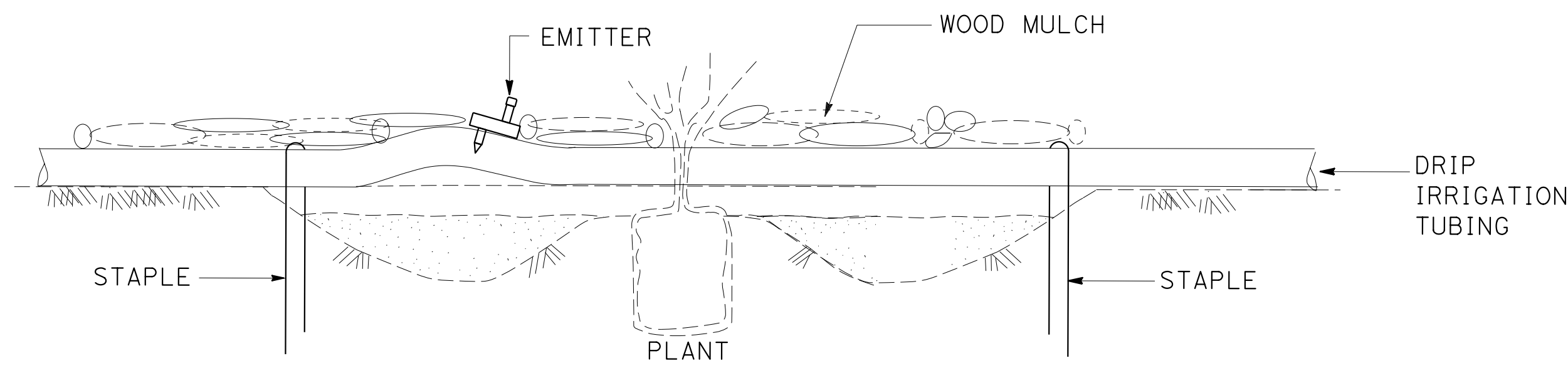
APPROVED FOR IRRIGATION WORK ONLY

LAST REVISION | DATE PLOTTED => 12-MAY-2023
 04-25-23 | TIME PLOTTED => 10:25

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	36	60

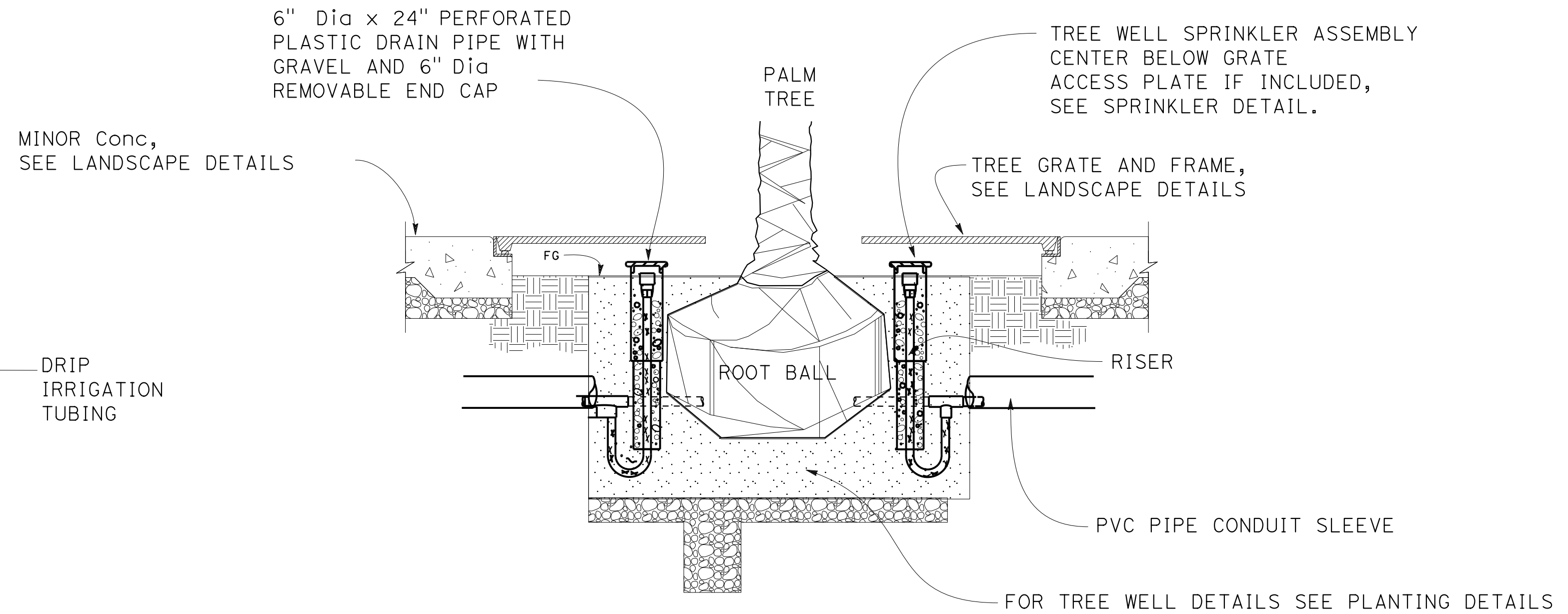
 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	LAURA IVEY	REVISOR	DATE
		CORBY KILMER	CHECKED BY	PHILORA BARBASH		



ELEVATION

**EMITTER ASSEMBLY
DRIP IRRIGATION**

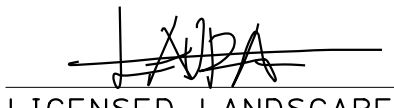
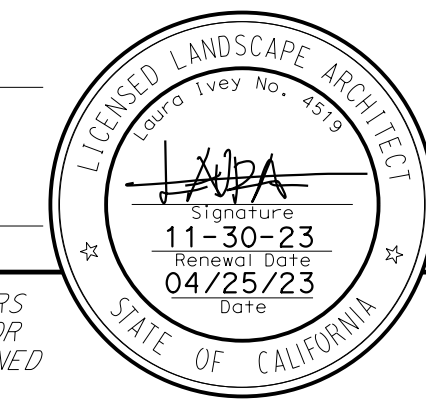


SECTION

TREE WELL SPRINKLER ASSEMBLY

IRRIGATION DETAILS
NO SCALE **ID-2**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	37	60


 LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE

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SOIL PREPARATION AREA (TYPE 1)

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	REMARKS
		DESCRIPTION	TYPE		
STEP 1	CULTIVATION	CULTIVATION			12" DEPTH
STEP 2	SOIL AMENDMENT	COMPOST	FINE	270 CY/AC	Approx 2" DEPTH
STEP 3	IMPORTED TOPSOIL	IMPORTED TOPSOIL		540 CY/AC	Approx 4" DEPTH
STEP 4	WOOD MULCH	WOOD CHIP	WOOD CHIP MULCH	405 CY/AC	Approx 3" DEPTH

SOIL PREPARATION AREA (TYPE 2)

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE	REMARKS
		DESCRIPTION	TYPE		
STEP 1	CULTIVATION	CULTIVATION			6" DEPTH
STEP 2	SOIL AMENDMENT	COMPOST		135 CY/AC	Approx 1" DEPTH
STEP 3	WOOD MULCH	WOOD CHIP	WOOD CHIP MULCH	405 CY/AC	Approx 3" DEPTH

PLANT LEGEND

PLANT GROUP (SIZE)	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	HOLE SIZE		BASIN TYPE	APPLICATION RATE ①		Min PLANTING Dist FROM:			REMARKS				
					DIAMETER	DEPTH		WOOD MULCH ④	SOIL AMENDMENT ⑤	SLOW-RELEASE FERTILIZER		ON CENTER SPACING		ETW	EP		
										BASIN	CF					oz	oz
INCH	INCH	CF	CF	oz	oz	ft	ft	ft									
A (No. 1)	1		<u>ACHILLEA MILLEFOLIUM</u> 'SALMON BEAUTY'	'SALMON BEAUTY' YARROW	18	②	I	⑨	0.15	3	3	1.5	⑦	⑦	PERENNIAL HERB		
	2		<u>HESPERALOE PARVIFLORA</u> 'BRAKELIGHTS'	BRAKELIGHTS RED YUCCA	24	②	I	⑨	0.15	3	3	2	⑦	⑦	SUCCULENT		
	3		<u>MUHLENBERGIA DUBIA</u>	PINE MUHLY	18	②	I	⑨	0.15	3	3	2	⑦	⑦	EVERGREEN GRASS		
	4		<u>PENSTEMON HETEROPHYLLUS</u> 'ELECTRIC BLUE'	ELECTRIC BLUE PENSTEMON	18	②	I	⑨	0.15	3	3	2	⑦	⑦	PERENNIAL HERB		
B (No. 5)	5		<u>ALOE STRIATA</u>	CORAL ALOE	24	②	I	⑨	0.25	4	4	2	⑦	⑦	SUCCULENT		
	6		<u>CORDYLINA</u> 'RENEGADE'	PURPLE 'RENEGADE' CORDYLINA	24	②	I	⑨	0.25	4	4	3	⑦	⑦	EVERGREEN GRASS-LIKE		
K (24" BOX)	7		<u>METROSIDEROS EXCELSA</u>	NEW ZEALAND CHRISTMAS TREE	③	②	II	⑨	2.0	10	10	⑦	⑦	⑦	TREE ⑥		
Z (PALM TREE)	8		<u>SYAGRUS ROMANZOFFIANA</u>	QUEEN PALM	③	⑦			2.0	12	12	⑦	⑦	⑦	TREE ⑧		

NOTE:

UNDERLINED PORTIONS OF BOTANICAL NAME INDICATE ABBREVIATIONS USED ON PLANTING PLANS.

PLANTING REQUIREMENTS:

- ① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
- ② - SUFFICIENT TO RECEIVE ROOT BALL AND AMENDMENTS
- ③ - 2X ROOTBALL Dia
- ④ - WOOD MULCH MUST BE WOOD CHIP MULCH
- ⑤ - SOIL AMENDMENT MUST BE FINE COMPOST
- ⑥ - TREE STAKING REQUIRED
- ⑦ - AS SHOWN ON PLANS
- ⑧ - TREE HEIGHT 12' Min
- ⑨ - BASIN WOOD MULCH IS INCLUDED WITH WOOD MULCH AREA QUANTITIES

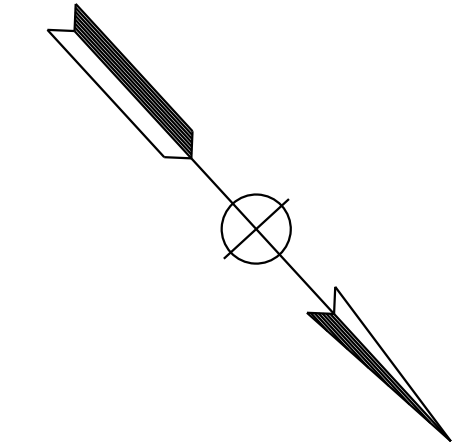
PLANT LEGEND


PL-1

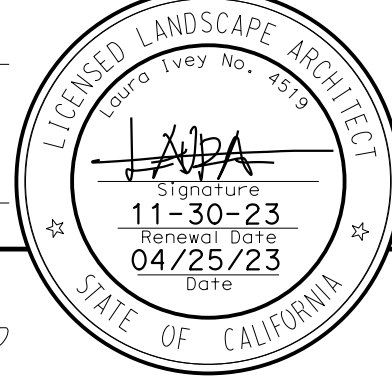
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 CORBY KILMER
 CALCULATED/DESIGNED BY
 CHECKED BY
 PHILORA BARBASH
 LAURA IVEY
 REVISED BY
 DATE REVISED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	38	60



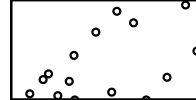




 LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE
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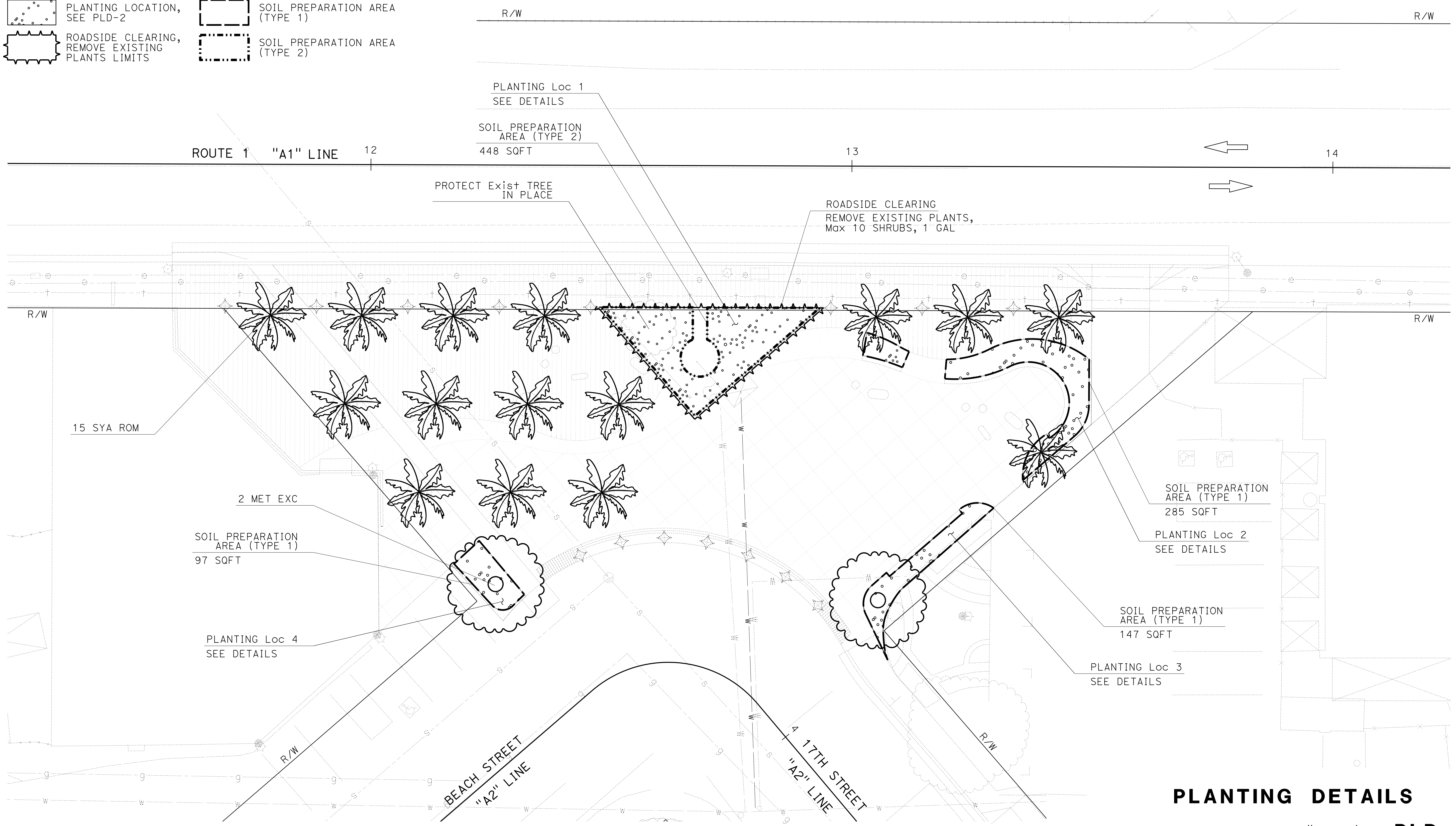


NOTES:

- FOR ACCURATE RIGHT OF WAY DATA CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- WORK ON THIS SHEET CAN BE ADJUSTED TO AVOID CONFLICT WITH EXISTING UTILITIES. EXACT LOCATION OF HIGH PRIORITY UTILITIES IS NOT SHOWN.

LEGEND:

-  PLANTING LOCATION, SEE PLD-2
-  SOIL PREPARATION AREA (TYPE 1)
-  ROADSIDE CLEARING, REMOVE EXISTING PLANTS LIMITS
-  SOIL PREPARATION AREA (TYPE 2)



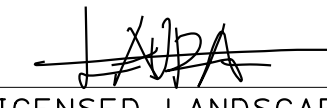
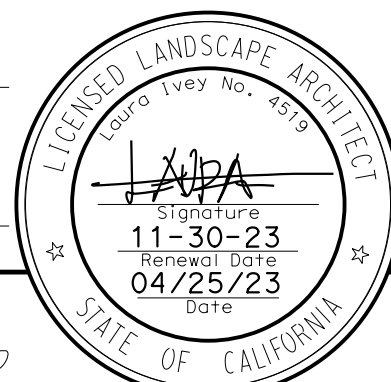
PLANTING DETAILS

SCALE: 1" = 10' **PLD-1**

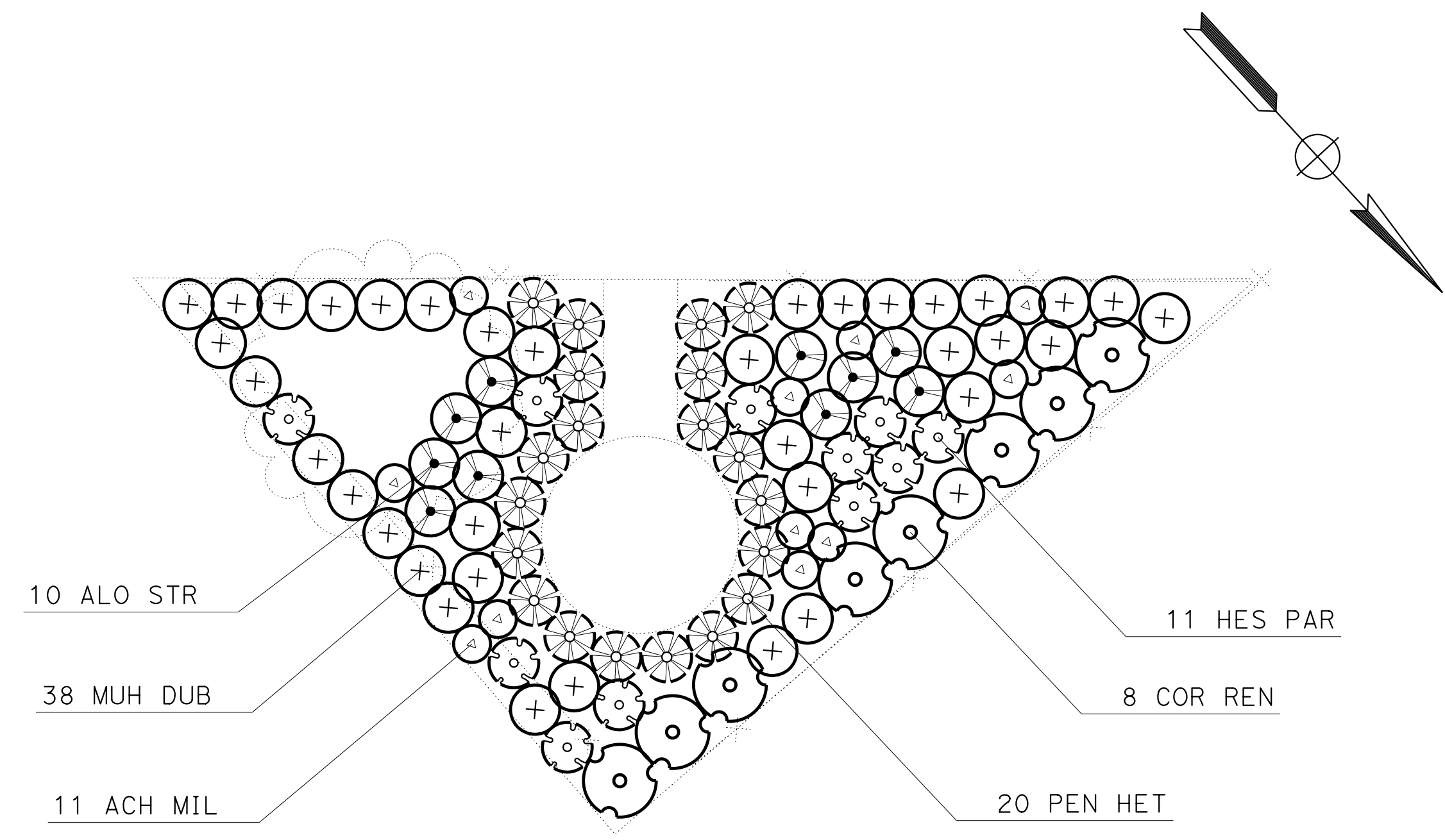
APPROVED FOR PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
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 DATE REVISED

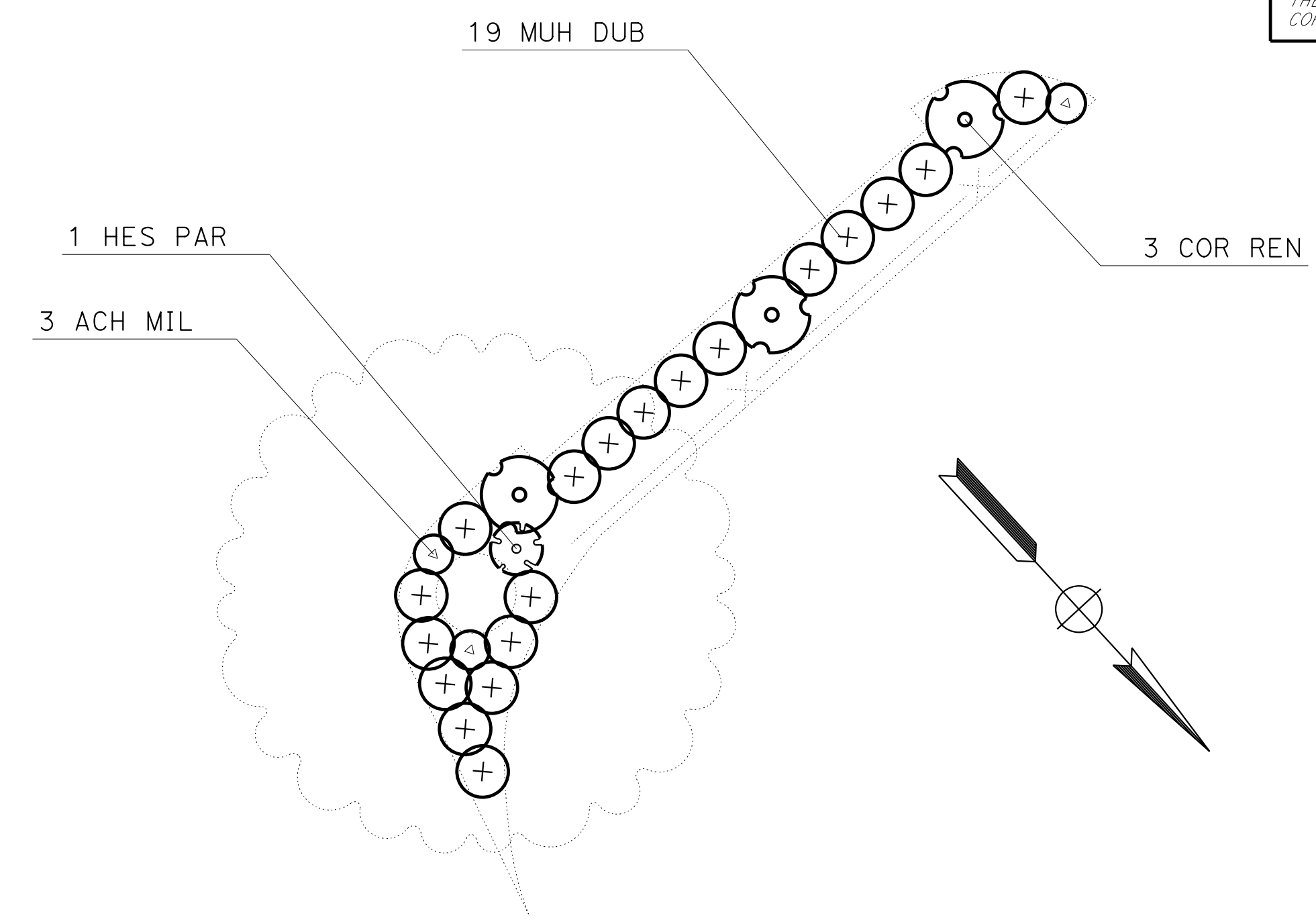
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	39	60

 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		

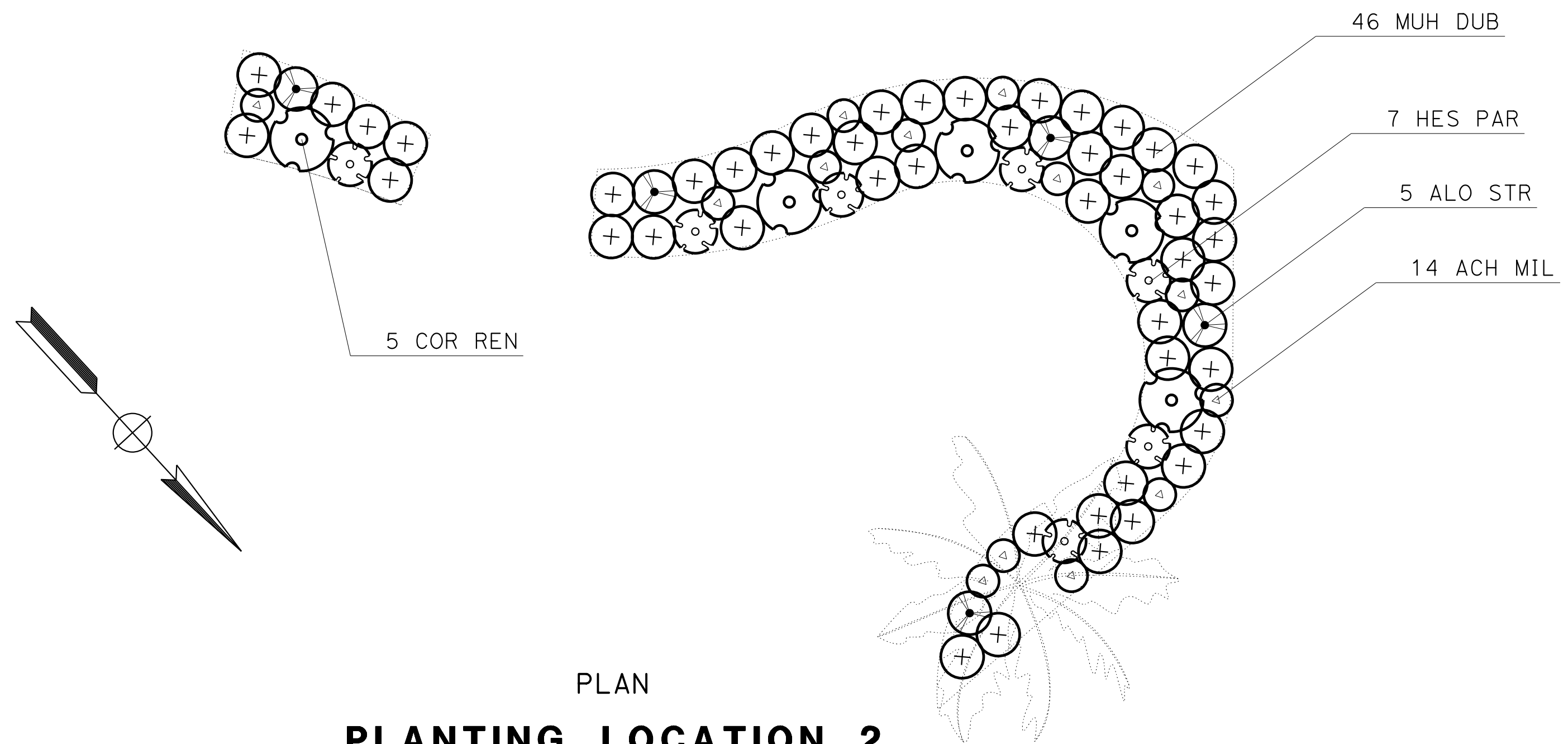
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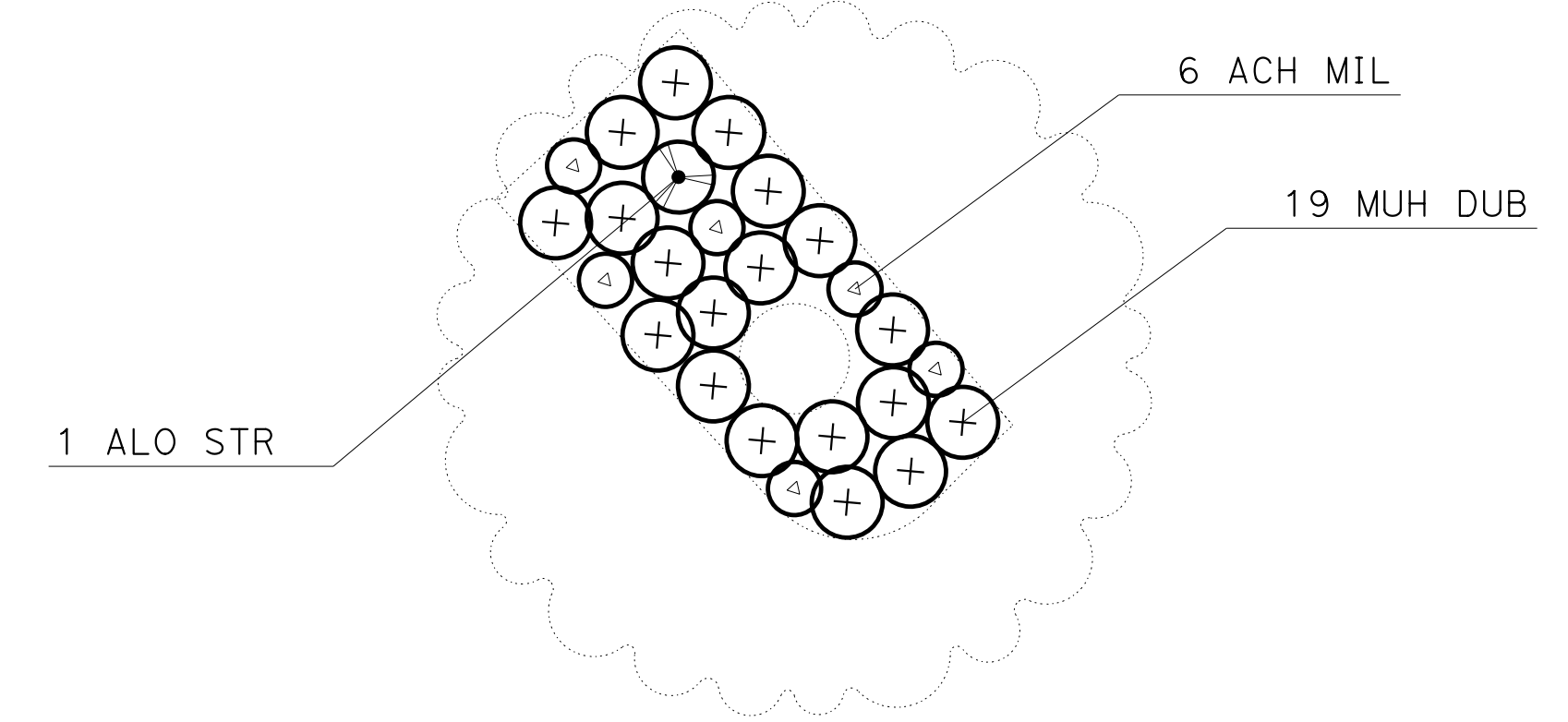
PLAN
PLANTING LOCATION 1



PLAN
PLANTING LOCATION 3



PLAN
PLANTING LOCATION 2



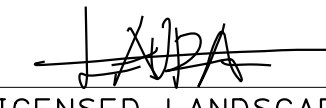
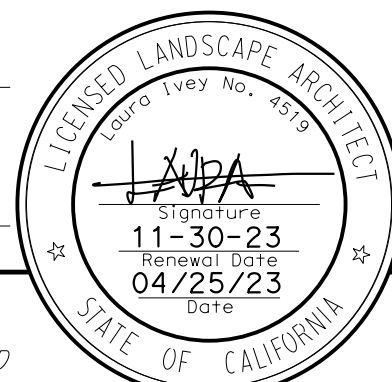
PLAN
PLANTING LOCATION 4

PLANTING DETAILS
 SCALE: 1" = 5' **PLD-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	CORBY KILMER	PHILORA BARBASH	LAURA IVEY
		CALCULATED/DESIGNED BY	CHECKED BY

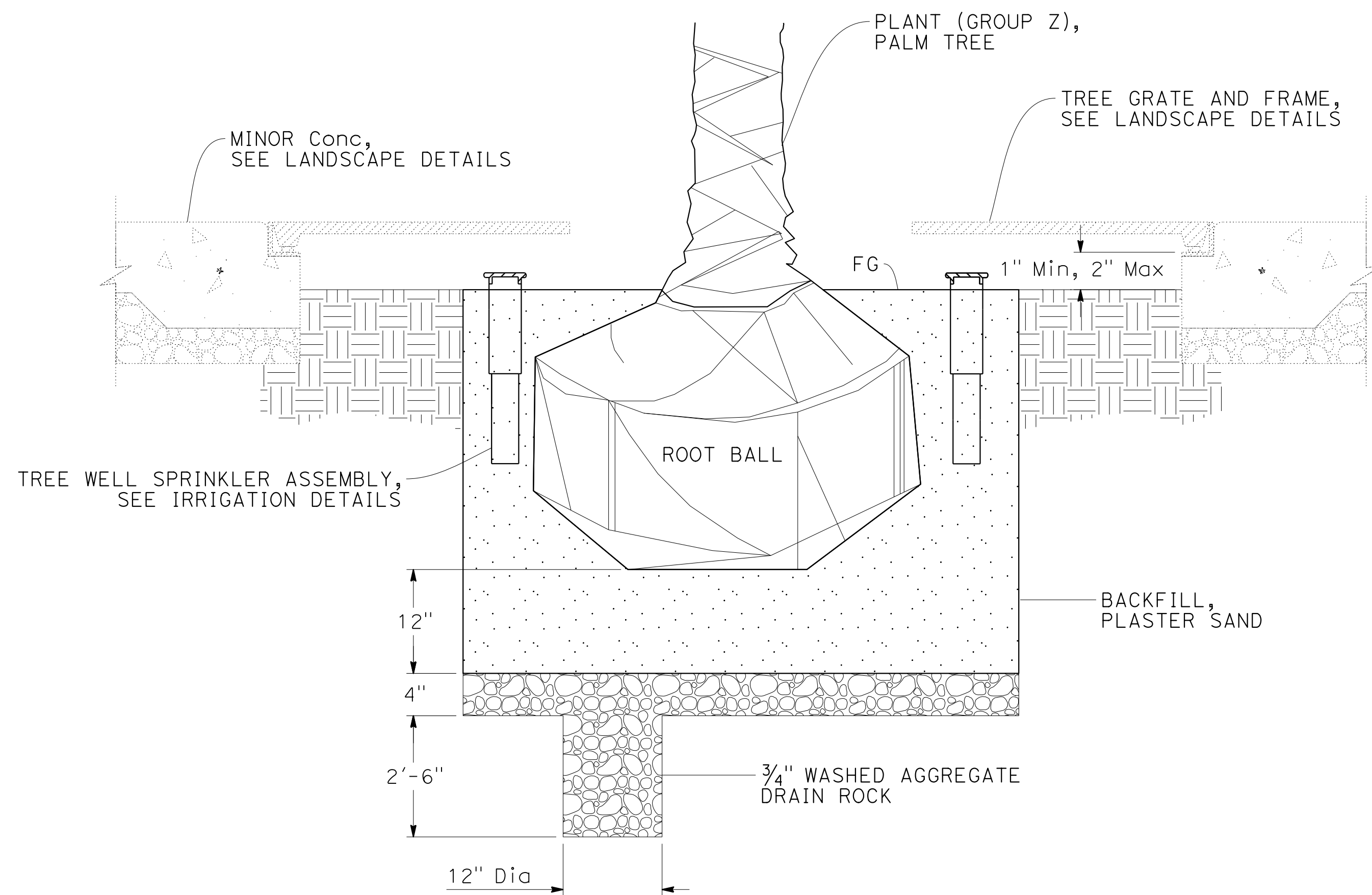
LAST REVISION DATE PLOTTED => 12-MAY-2023 04-25-23 TIME PLOTTED => 10:25

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	40	60

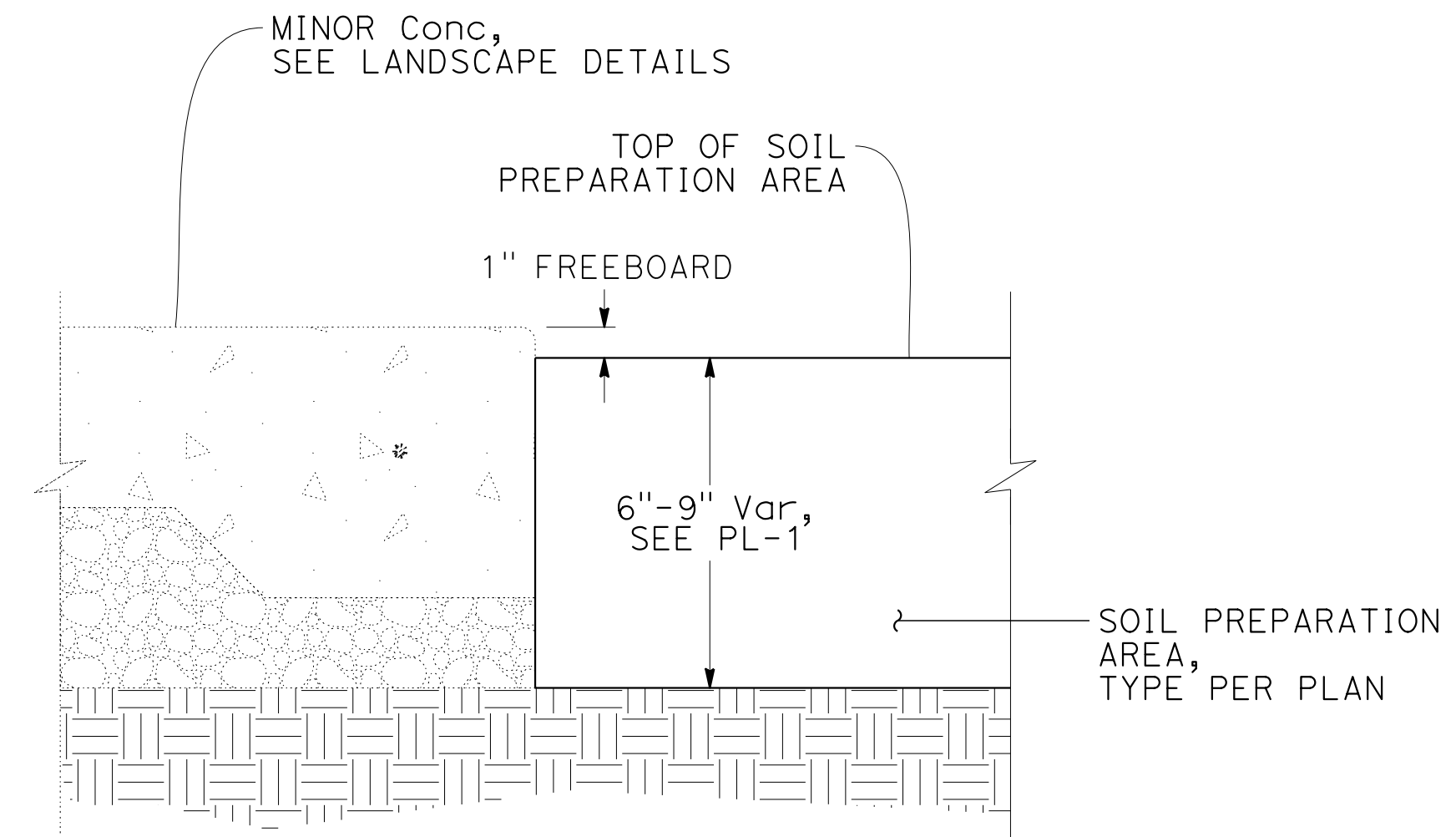
 LICENSED LANDSCAPE ARCHITECT		
MAY 1, 2023 PLANS APPROVAL DATE		

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 PHILORA BARBASH
 REVISOR
 CHECKED BY
 CORBY KILMER
 L.A. IVEY
 DATE
 REVISIONS



SECTION
**PALM TREE
 PLANTING
 DETAIL**



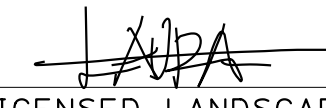
SECTION
**SOIL PREPARATION AREA
 DETAIL**

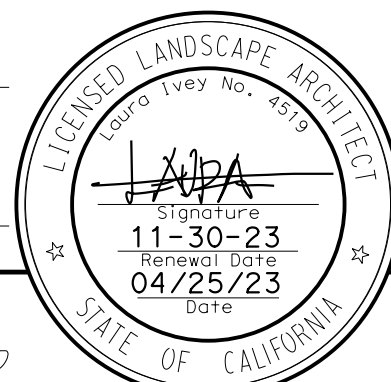
PLANTING DETAILS

SCALE: 1" = 5' **PLD-3**



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	41	60


 LICENSED LANDSCAPE ARCHITECT
 MAY 1, 2023
 PLANS APPROVAL DATE



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PLANT QUANTITIES

BOTANICAL NAME	COMMON NAME	PLANT GROUP				PLANT BASIN	
		A	B	K	Z	SOIL AMENDMENT CY	SLOW-RELEASE FERTILIZER LB
		EA	EA	EA	EA		
ACHILLEA MILLEFOLIUM 'SALMON BEAUTY'	'SALMON BEAUTY' YARROW	34				0.19	6.4
ALOE STRIATA	CORAL ALOE		16			0.15	4.0
CORDYLINE 'RENEGADE'	PURPLE 'RENEGADE' CORDYLINE		16			0.15	4.0
HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS RED YUCCA	19				0.11	3.6
MUHLENBERGIA DUBIA	PINE MUHLY	122				0.68	22.9
METROSIDEROS EXCELSA	NEW ZEALAND CHRISTMAS TREE			2		0.15	1.3
PENSTEMON HETEROPHYLLUS 'ELECTRIC BLUE'	ELECTRIC BLUE PENSTEMON	20				0.11	3.8
SYAGRUS ROMANZOFFIANA	QUEEN PALM				15	1.11	11.3
TOTAL		195	32	2	15	2.65*	57.3


* - QUANTITY INCLUDED IN PLANTING AREA QUANTITIES TABLE

PLANTING AREA QUANTITIES

SHEET NUMBER	WOOD MULCH	SOIL AMENDMENT	IMPORTED TOPSOIL	CULTIVATION
	CY	CY	CY	SQYD
PLD-1	9.1	9.10	12.1	109
FROM PLANT QUANTITIES TABLE		2.65		
TOTAL	9.1	11.75	12.1	109

PLANTING QUANTITIES

PQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 PHILORA BARBASH
 LAURA IVEY
 CALCULATED/DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED
 CORBY KILMER



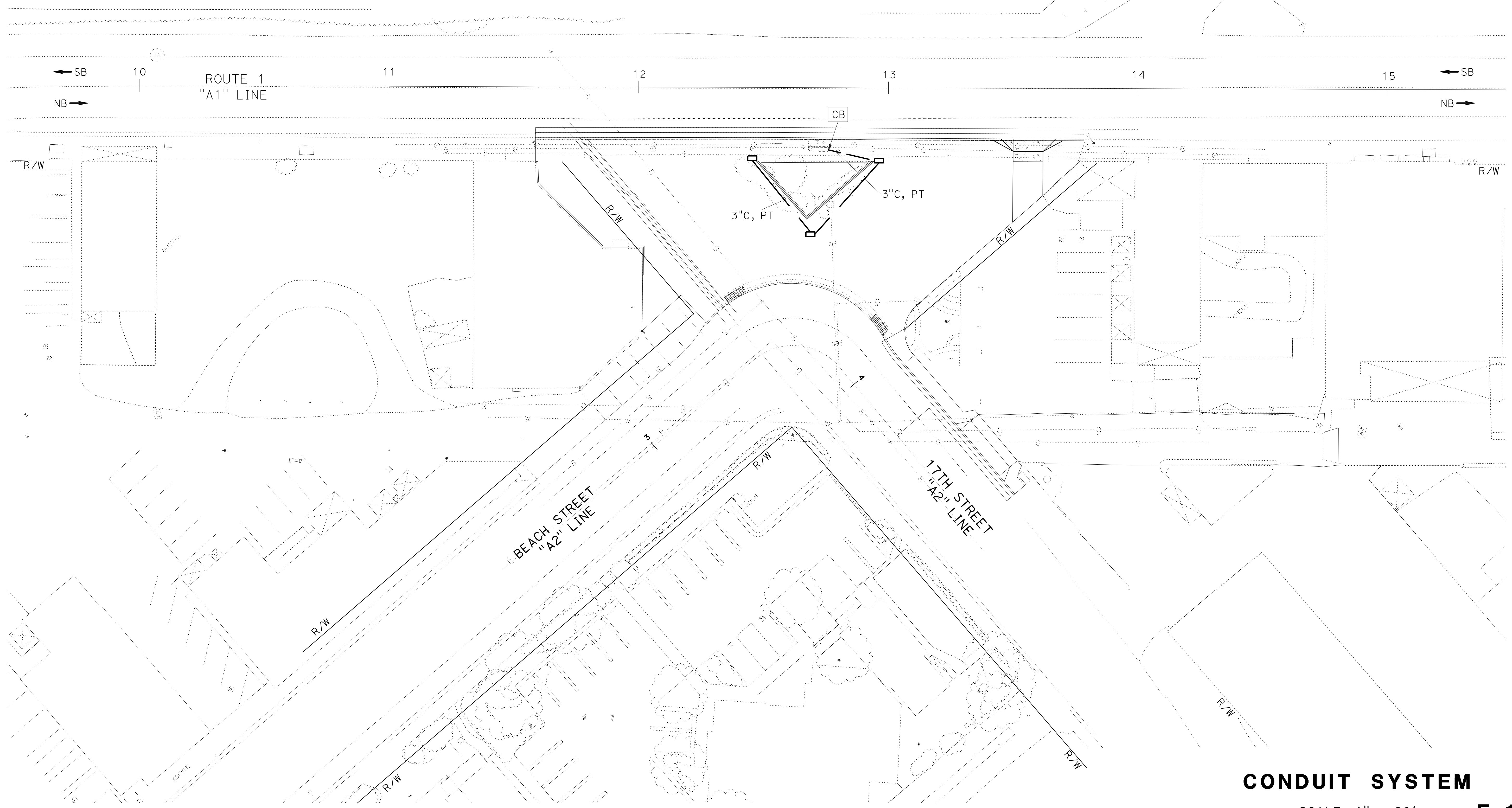
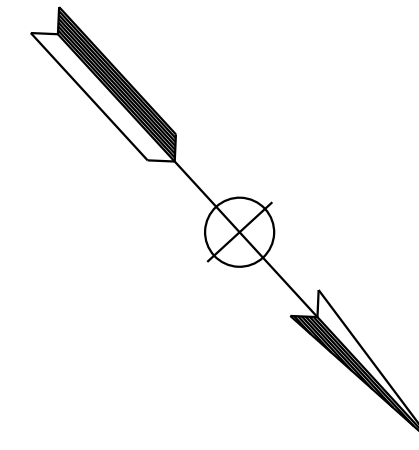
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	42	60

<i>BS Sabaguit</i>		11-17-22
REGISTERED ELECTRICAL ENGINEER	DATE	
MAY 1, 2023		
PLANS APPROVAL DATE		

REGISTERED PROFESSIONAL ENGINEER
BRYAN SABAGUIT
No. E21616
Exp. 9-30-24
ELECTRICAL
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.

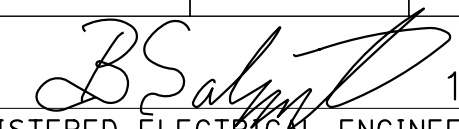
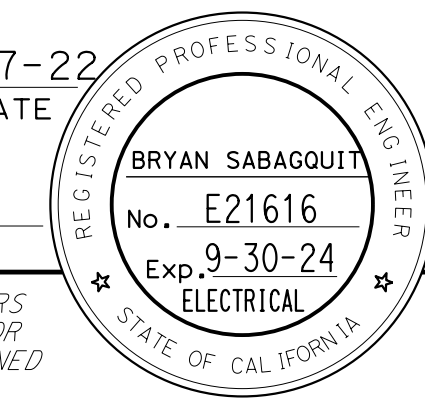
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT AWAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN
 FUNCTIONAL SUPERVISOR: ALI BAKHDOUD
 CALCULATED/DESIGNED BY: BRYAN SABAGUIT
 CHECKED BY: ANDREAS BAWANA
 REVISED BY: BS
 DATE REVISED: 9-15-22

APPROVED FOR ELECTRICAL WORK ONLY

CONDUIT SYSTEM
SCALE: 1" = 20'
E-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
5	SLO	1	12.1	43	60
 REGISTERED ELECTRICAL ENGINEER DATE 11-17-22					
MAY 1, 2023 PLANS APPROVAL DATE					
<small>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.</small>					

NOTE:

ELECTRICAL SYSTEM QUANTITY TABLES SUMMARIZE SIGNIFICANT COMPONENTS. SEE ELECTRICAL SYSTEMS PLANS AND SPECIFICATIONS TO DETERMINE ALL MATERIALS NEEDED FOR EACH SYSTEM.

CONDUIT SYSTEM

SHEET No.	(N)	
	No. PB	3" C TYPE 3
	EA	LF
E-1	3	150

(N) - NOT A SEPARATE BID ITEM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® ELECTRICAL DESIGN
 FUNCTIONAL SUPERVISOR
 ALI BAKHDOUD
 CALCULATED/DESIGNED BY
 CHECKED BY
 BRYAN SABAGOUIT
 ANDREAS BAWANA
 REVISED BY
 DATE REVISED
 BS
 9-15-22

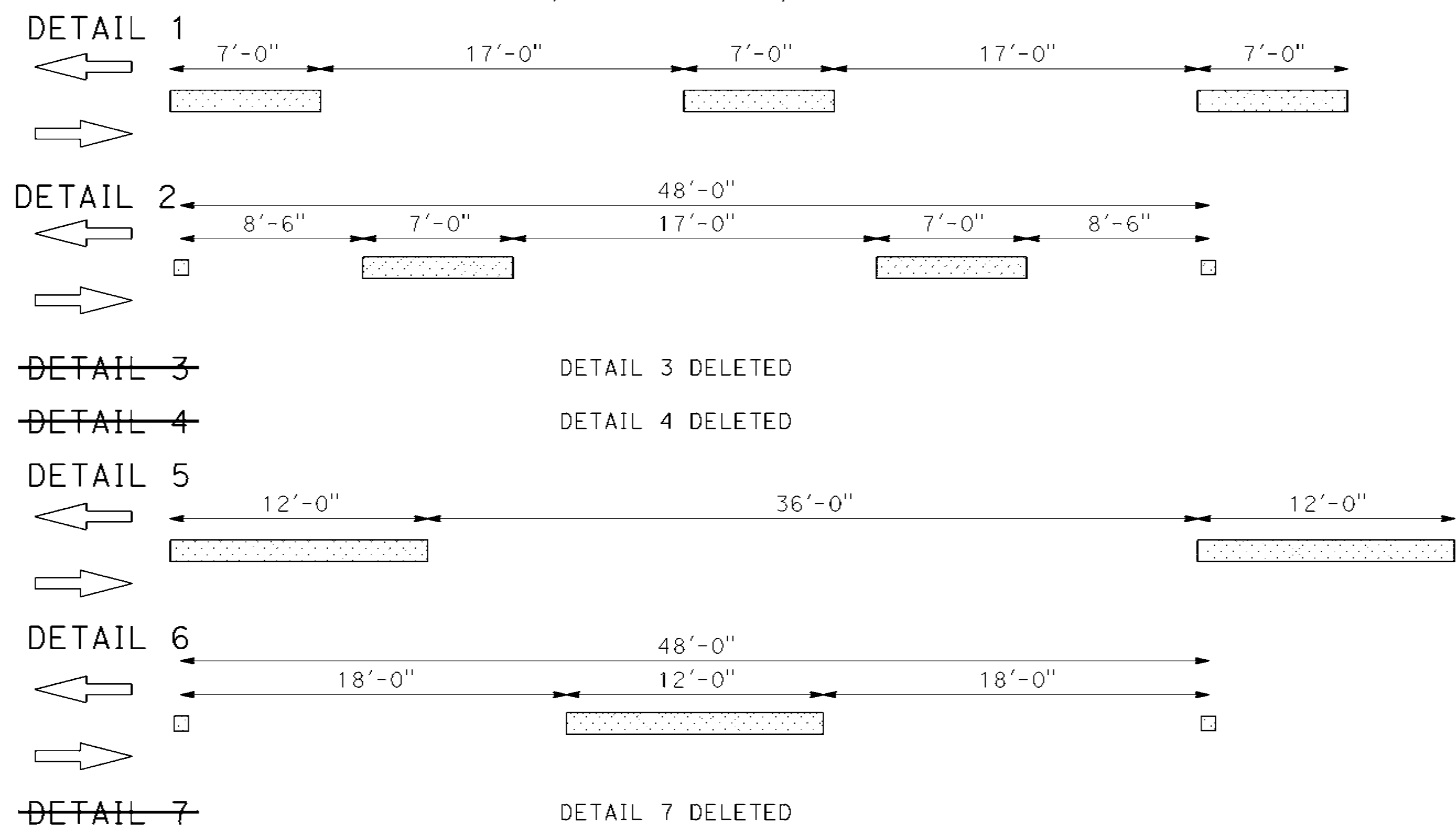
ELECTRICAL SYSTEM QUANTITIES
EQ-1

DISTRICT	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	44	60

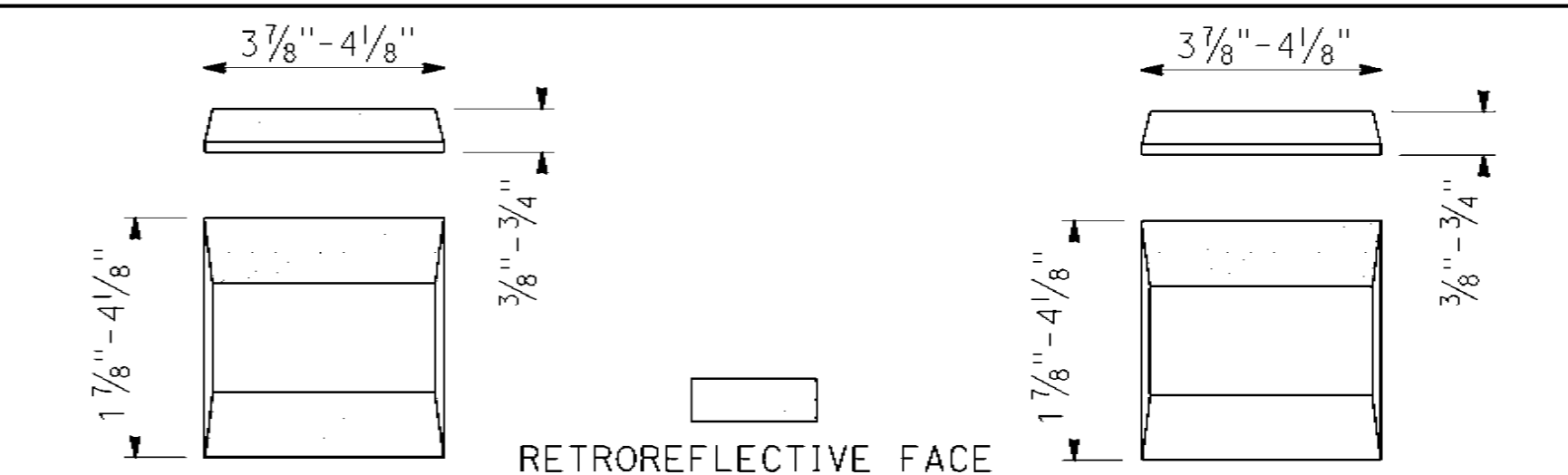
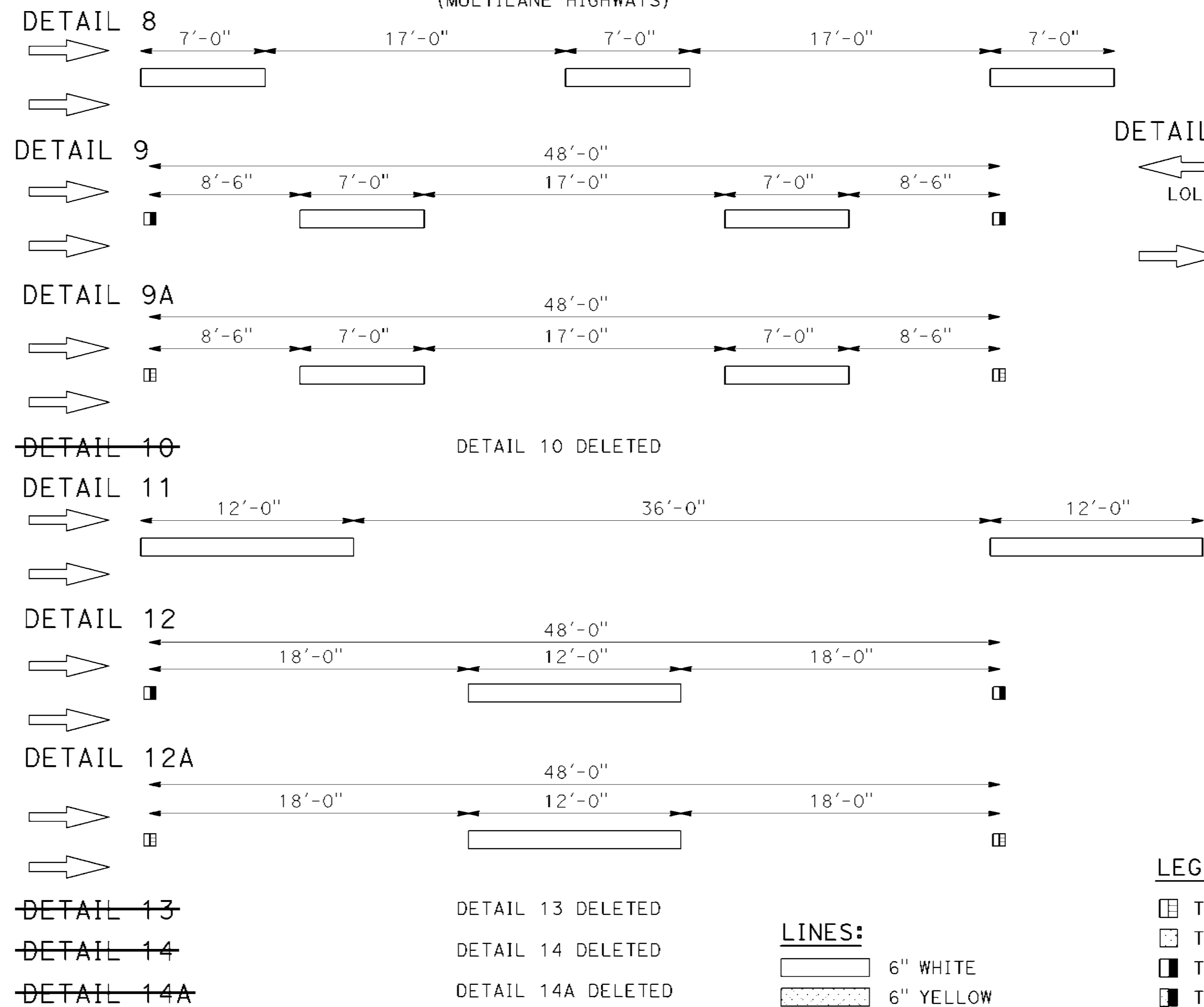
Lee Jay Haber
 REGISTERED CIVIL ENGINEER
 No. C49132
 Exp. 9-30-24
 October 21, 2022
 PLANS APPROVAL DATE

TO ACCOMPANY PLANS DATED May 1, 2023

CENTERLINES
(2 LANE HIGHWAYS)

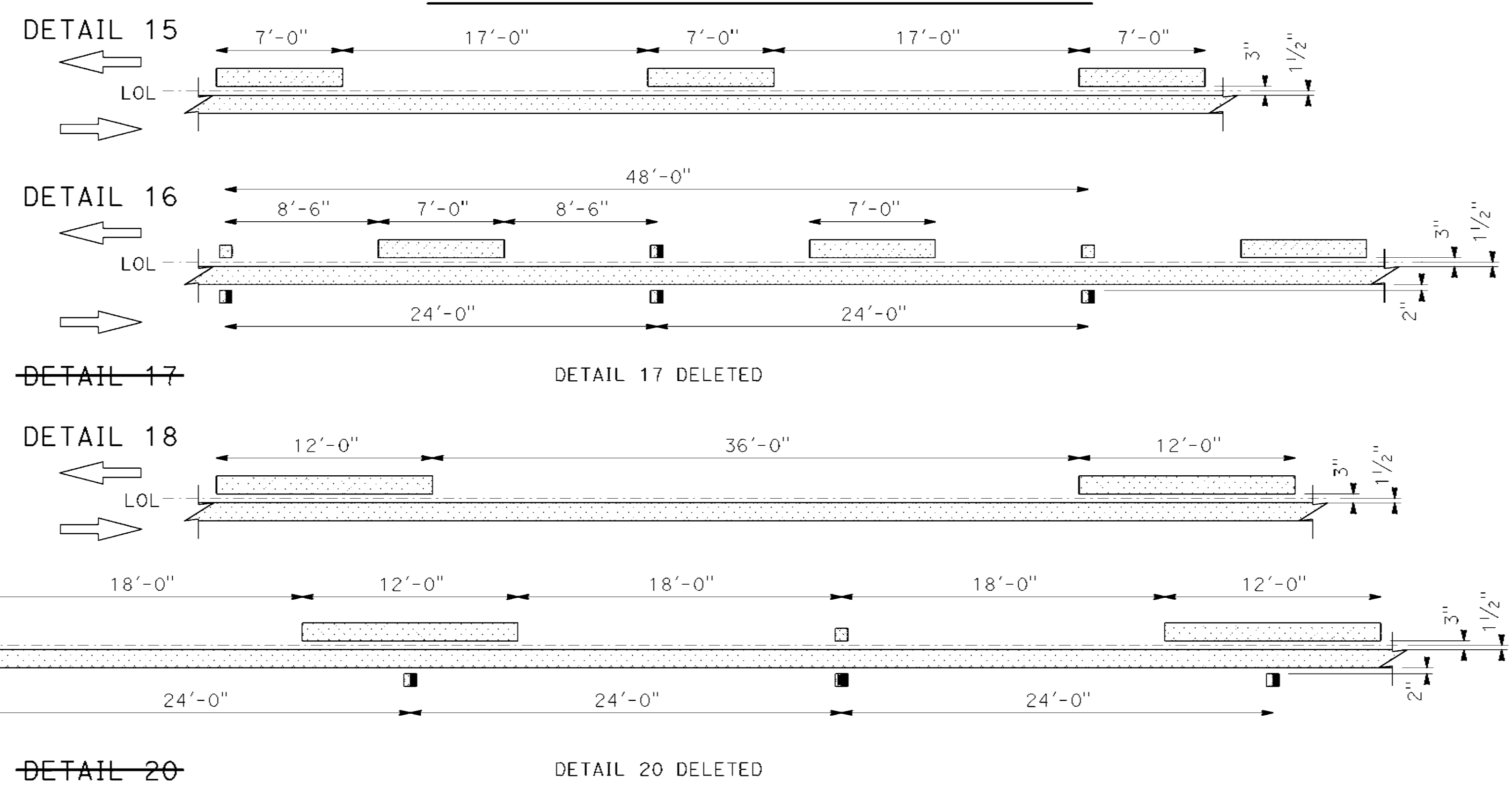


LANE LINES
(MULTILANE HIGHWAYS)

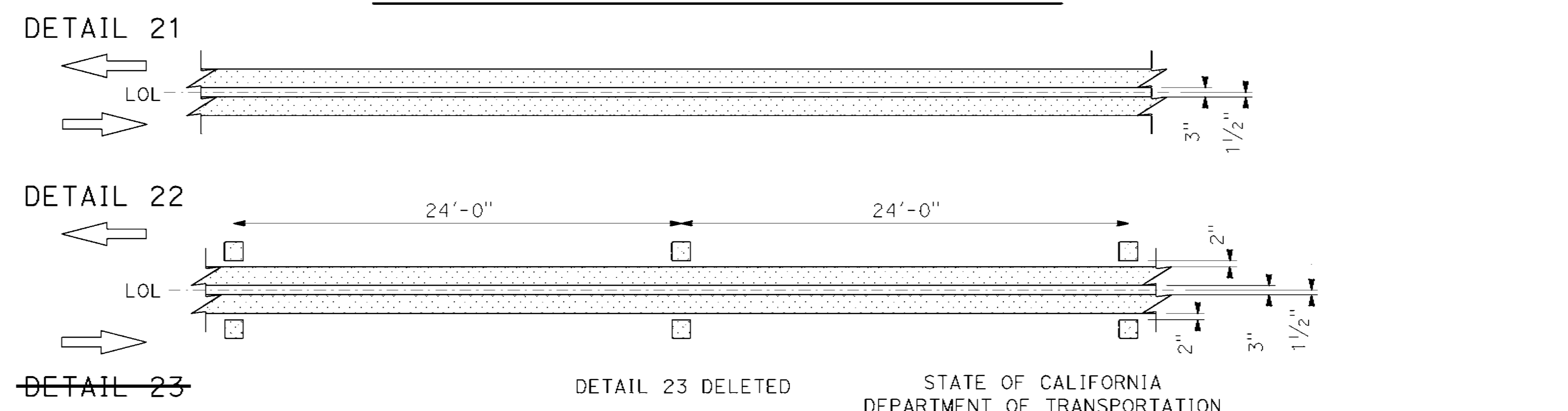


MARKER DETAILS

NO PASSING ZONES - ONE DIRECTION



NO PASSING ZONES - TWO DIRECTION



- LEGEND:**
- ☐ TYPE C RED-CLEAR RETROREFLECTIVE MARKER
 - ☐ TYPE D TWO-WAY YELLOW RETROREFLECTIVE MARKER
 - TYPE G ONE-WAY CLEAR RETROREFLECTIVE MARKER
 - TYPE H ONE-WAY YELLOW RETROREFLECTIVE MARKER
- LINES:**
- ▬ 6" WHITE
 - ▬ 6" YELLOW

PAVEMENT MARKERS AND TRAFFIC LINES
TYPICAL DETAILS

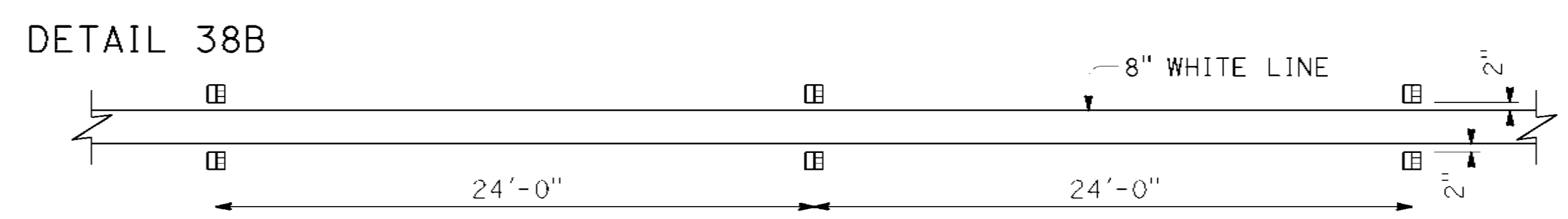
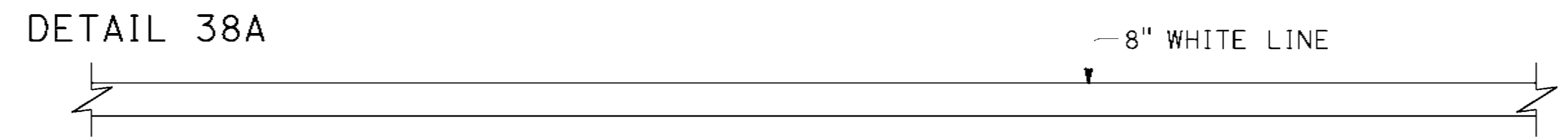
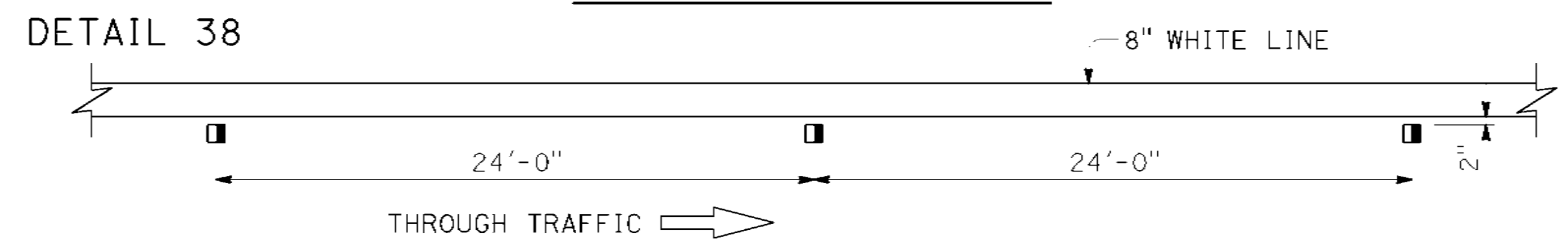
NO SCALE
 RSP A20A DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20A
 DATED AUGUST 1, 2022 - PAGE 12 OF THE STANDARD PLANS BOOK DATED 2022.
REVISED STANDARD PLAN RSP A20A

2022 REVISED STANDARD PLAN RSP A20A

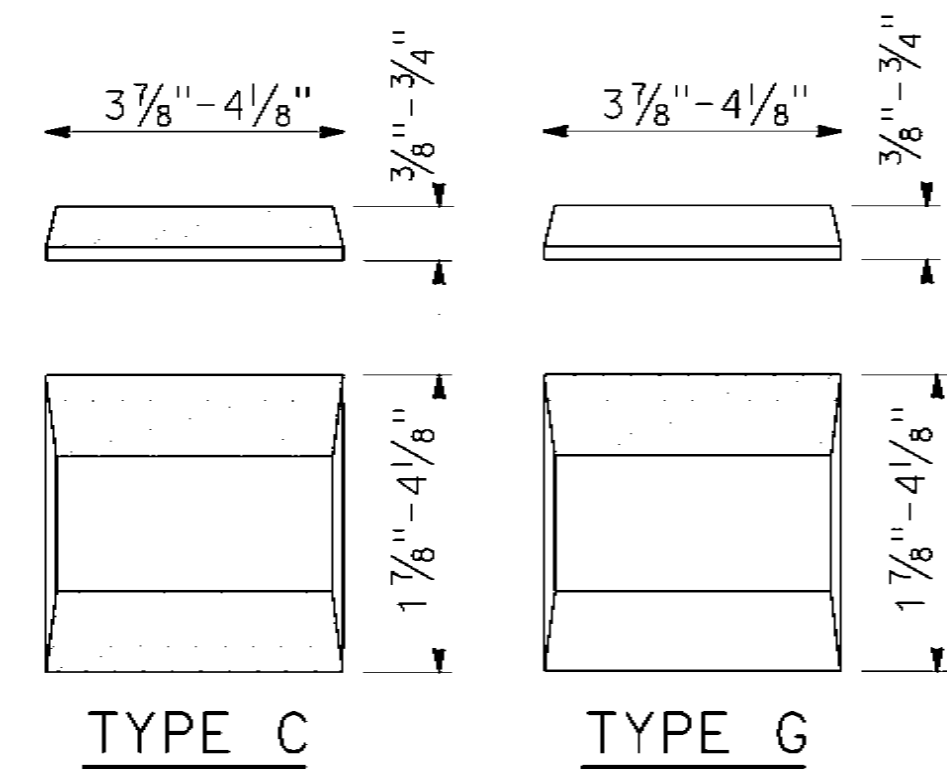
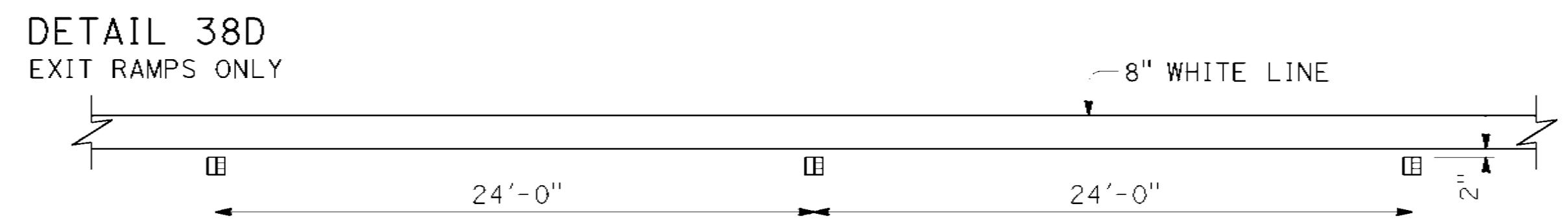
DISTRICT	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	45	60

Lee Jay Haber
 REGISTERED CIVIL ENGINEER
 No. C49132
 Exp. 9-30-24
 October 21, 2022
 PLANS APPROVAL DATE

CHANNELIZING LINE

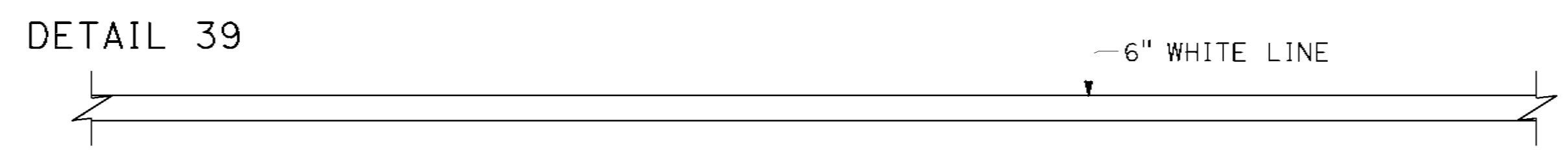


~~DETAIL 38C~~ ~~DETAIL 38C DELETED~~

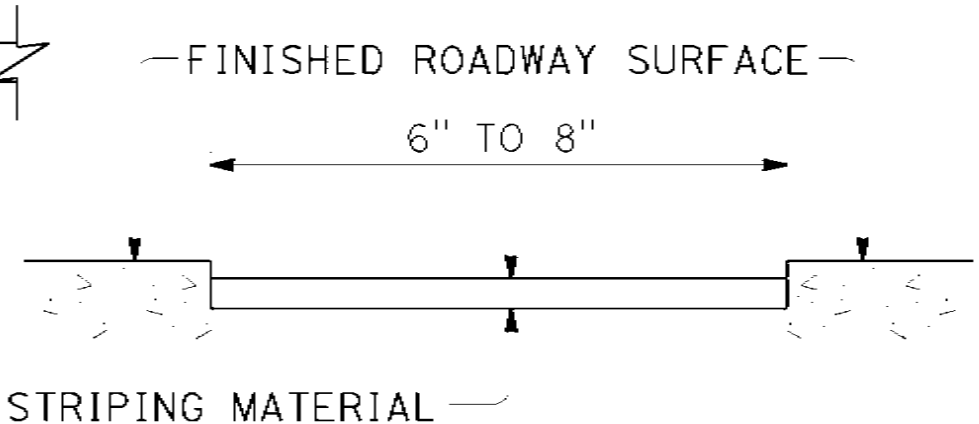
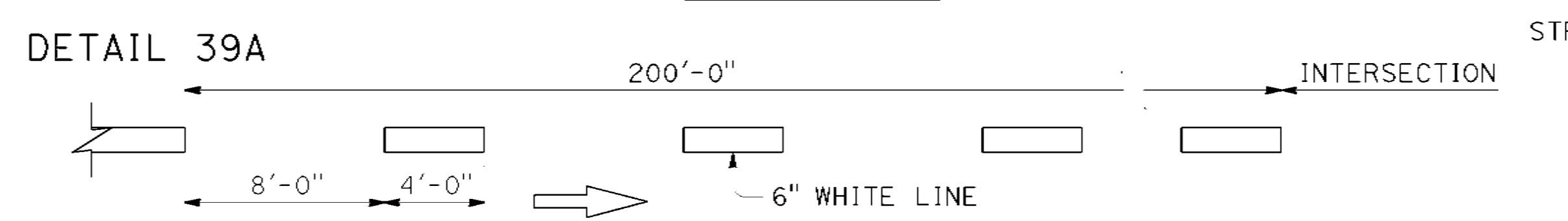


RETROREFLECTIVE FACE
MARKER DETAILS

BIKE LANE LINE

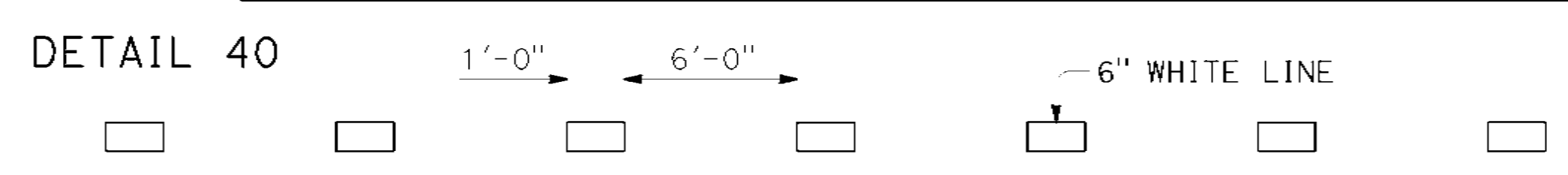


INTERSECTION LINE BIKE LANE



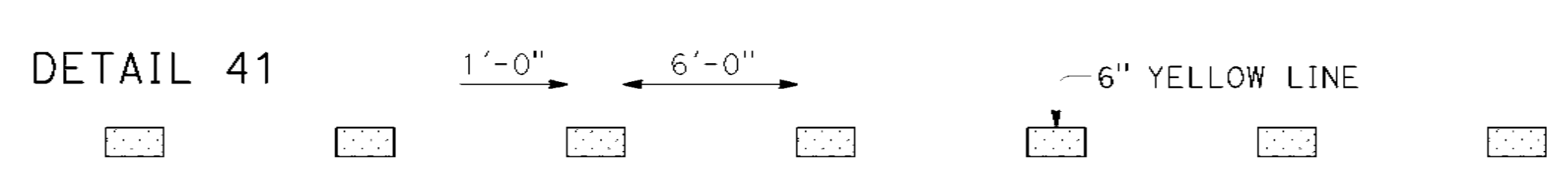
DETAIL FOR RECESSED TRAFFIC STRIPE
See Notes A and B

LANE LINE EXTENSIONS THROUGH INTERSECTIONS



~~DETAIL 40A~~ ~~DETAIL 40A DELETED~~

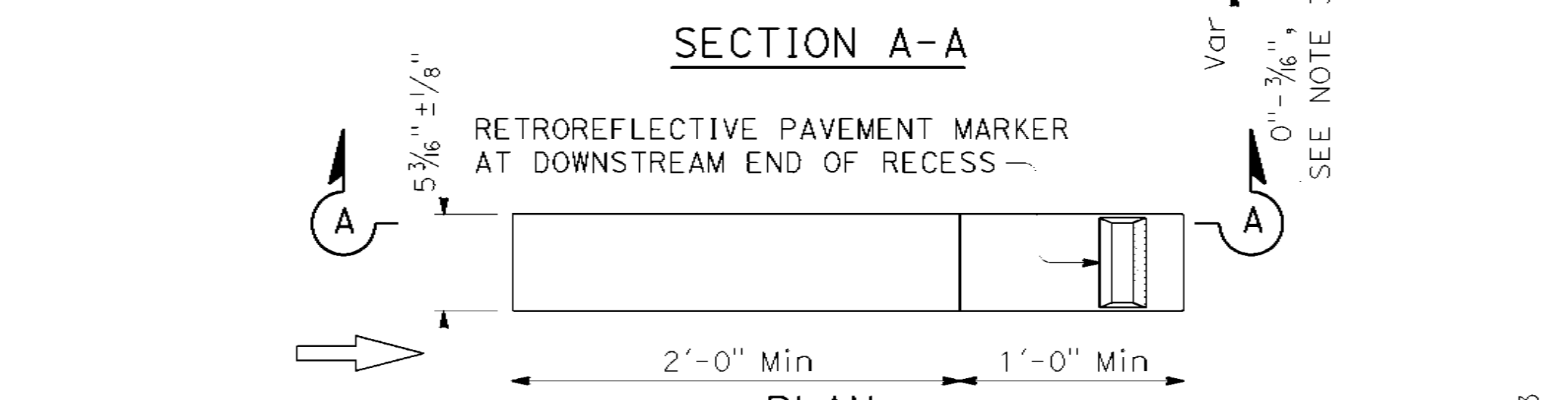
CENTERLINE EXTENSIONS THROUGH INTERSECTIONS



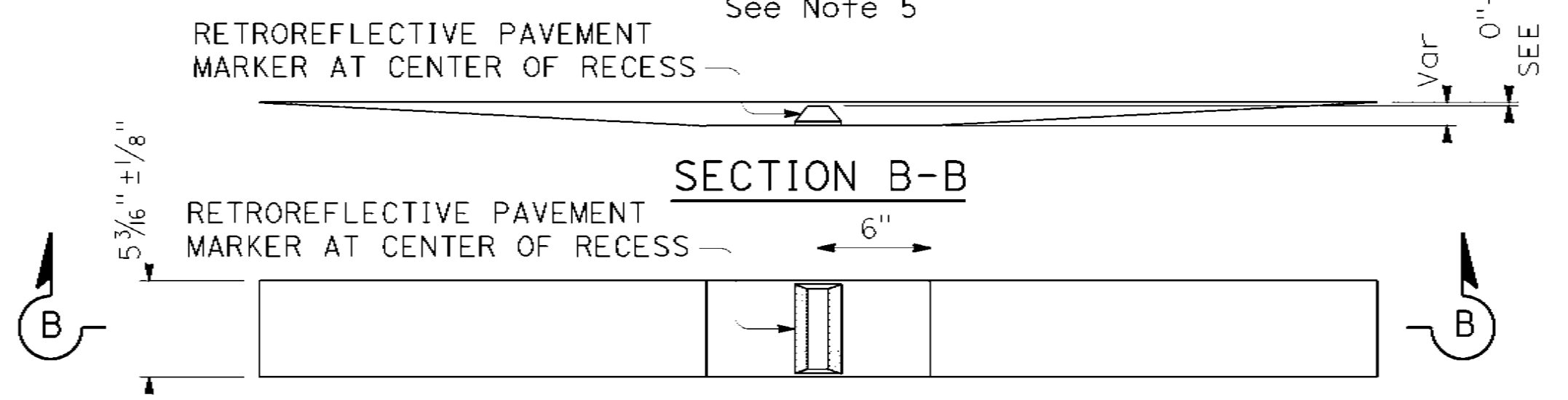
~~DETAIL 41A~~ ~~DETAIL 41A DELETED~~

- LEGEND:**
- ▣ TYPE C RED-CLEAR RETROREFLECTIVE MARKER
 - TYPE G ONE-WAY CLEAR RETROREFLECTIVE MARKER
 - ▨ 6" YELLOW LINE

RETROREFLECTIVE PAVEMENT MARKER AT DOWNSTREAM END OF RECESS TO ACCOMPANY PLANS DATED May 1, 2023

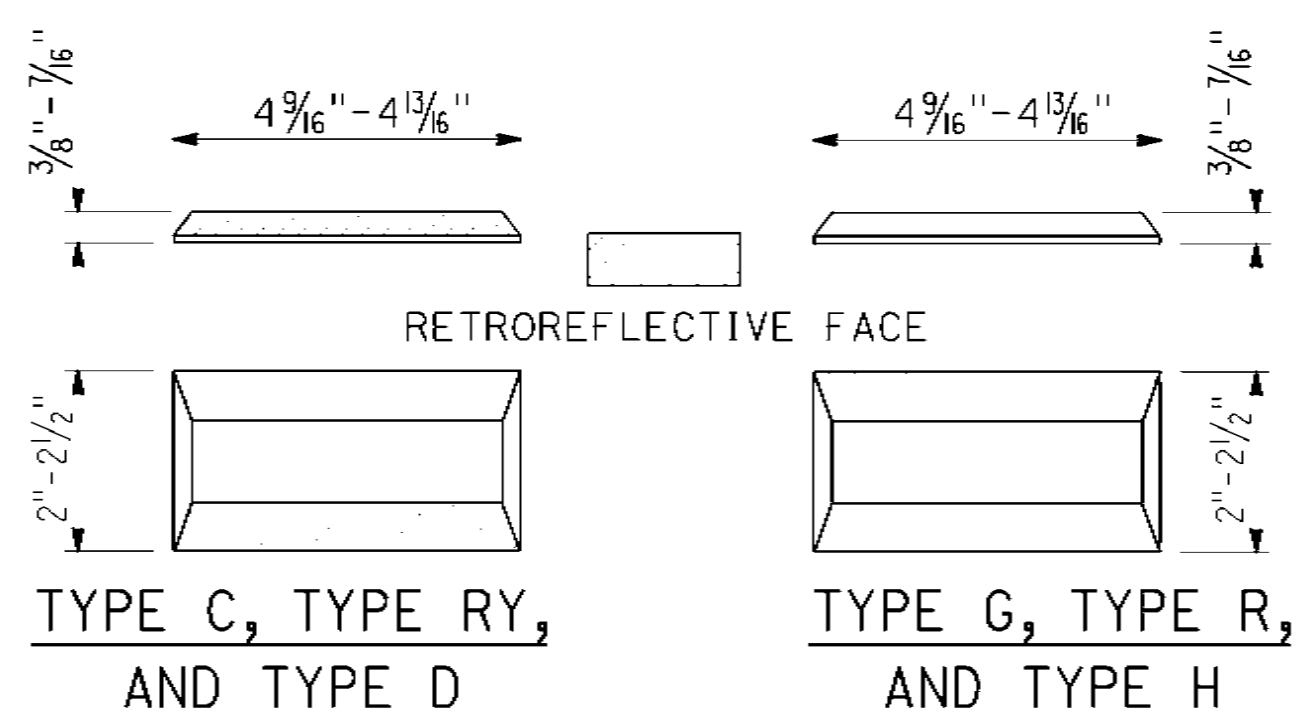


PLAN TYPE 1
See Note 5



PLAN TYPE 2

RECESS DETAIL FOR RETROREFLECTIVE PAVEMENT MARKER



RETROREFLECTIVE PAVEMENT MARKER FOR RECESSED INSTALLATION

See Notes 1 and 2

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKERS AND TRAFFIC LINES
TYPICAL DETAILS
NO SCALE

RSP A200 DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A200
DATED AUGUST 1, 2022 - PAGE 15 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A20D

2022 REVISED STANDARD PLAN RSP A20D

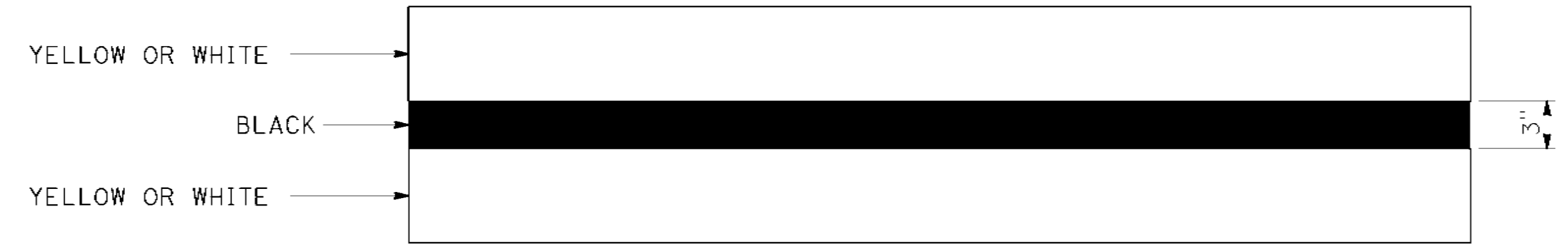
DIST	COUNTY	ROUTE	POST MILES	SHEET	TOTAL SHEETS
5	SLO	1	12.1	46	60

Lee J. Haber
REGISTERED CIVIL ENGINEER

October 21, 2022
PLANS APPROVAL DATE

Lee Jay Haber
No. C49132
Exp. 9-30-24

TO ACCOMPANY PLANS DATED May 1, 2023



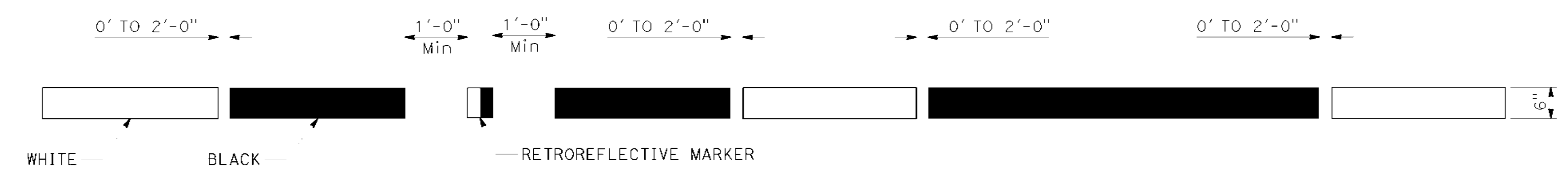
TYPICAL DOUBLE STRIPE CONTRAST DETAIL

NOTES:

1. See Revised Standard Plans RSP A20A, RSP A20D, RSP A20F, and Standard Plans A20B and A20C for traffic lines typical details.
2. Detail 9 Traffic stripe shown. See project plans for traffic stripe details.



OPTION 1
TYPICAL LANE LINE OR RIGHT EDGE LINE CONTRAST DETAIL



OPTION 2
TYPICAL LANE LINE CONTRAST DETAIL
See Note 2

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC LINES
TYPICAL DETAILS
FOR CONTRAST STRIPING**

NO SCALE

RSP A20E DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20E
DATED AUGUST 1, 2022 - PAGE 16 OF THE STANDARD PLANS BOOK DATED 2022.

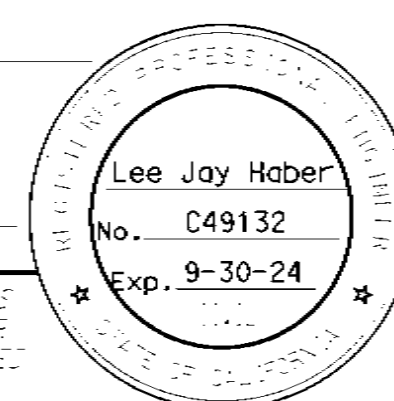
REVISED STANDARD PLAN RSP A20E

2022 REVISED STANDARD PLAN RSP A20E

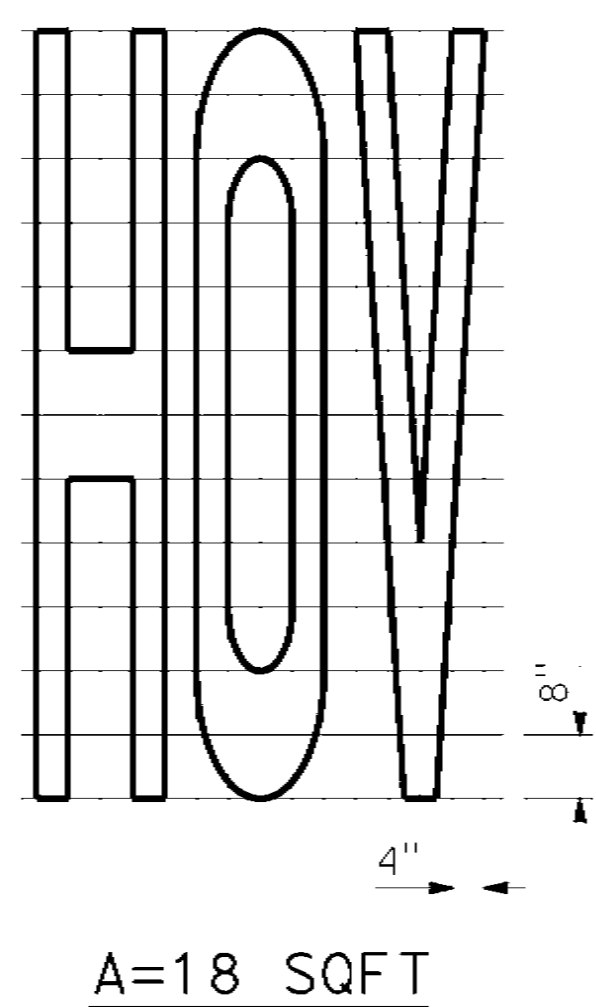
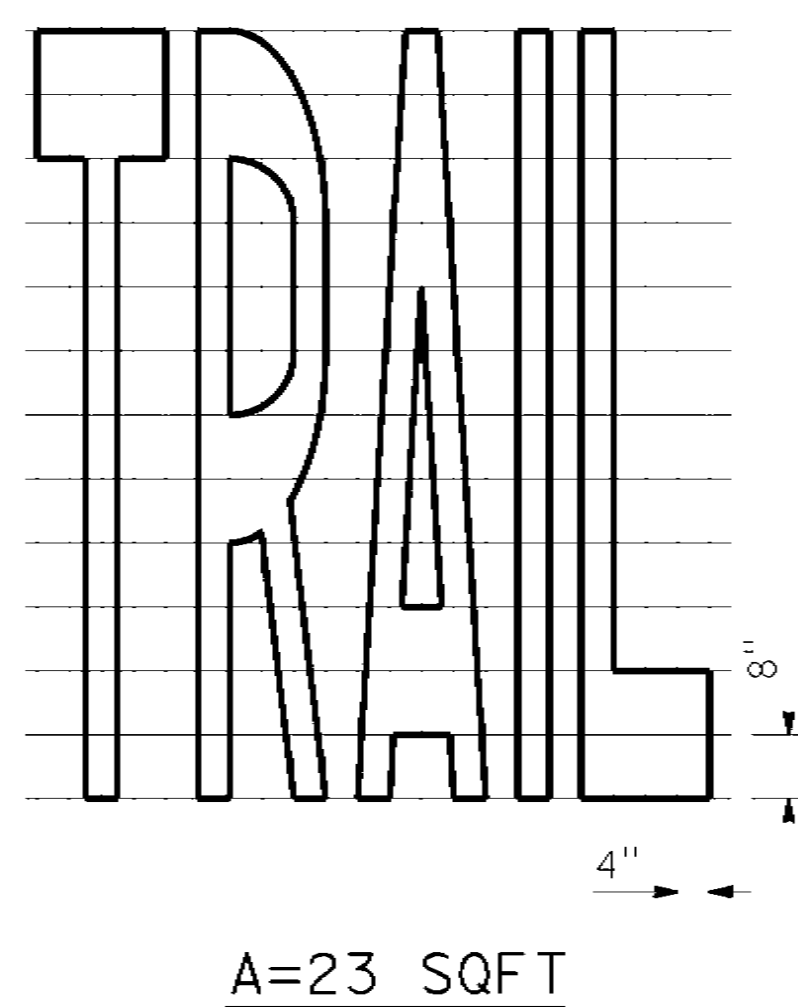
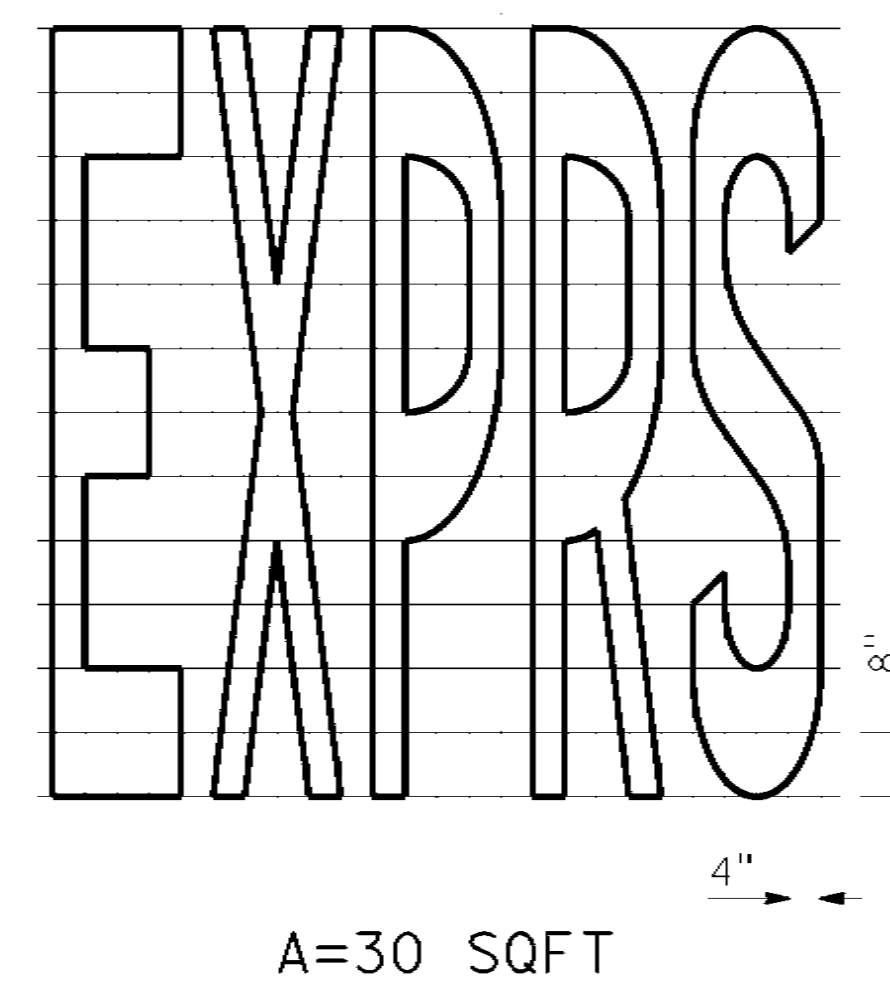
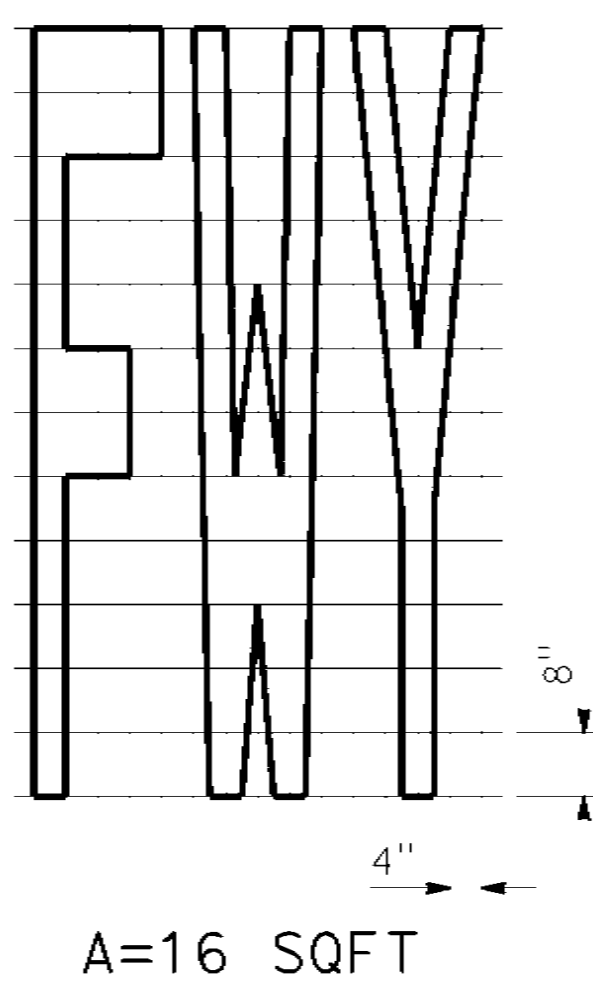
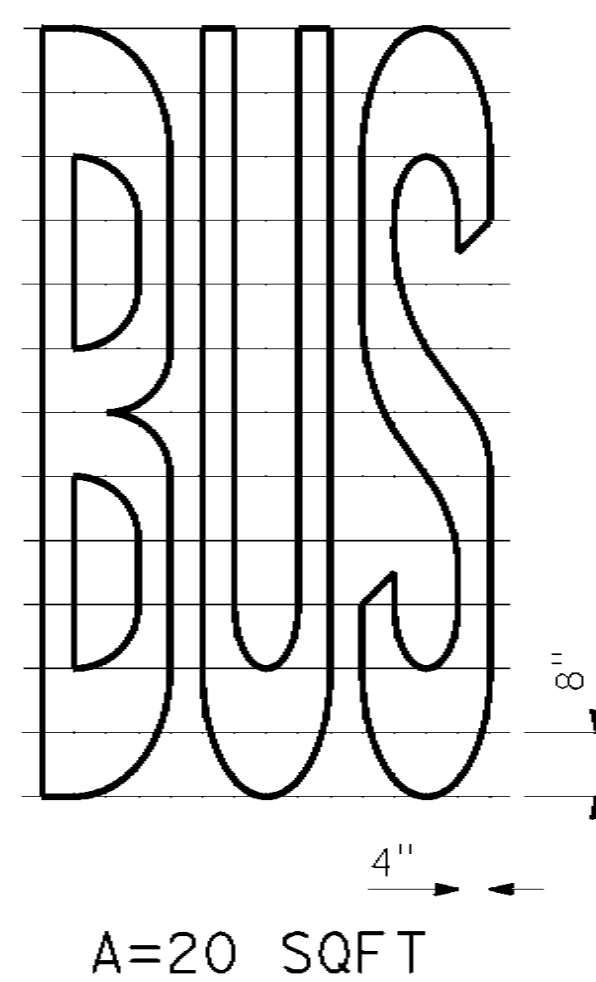
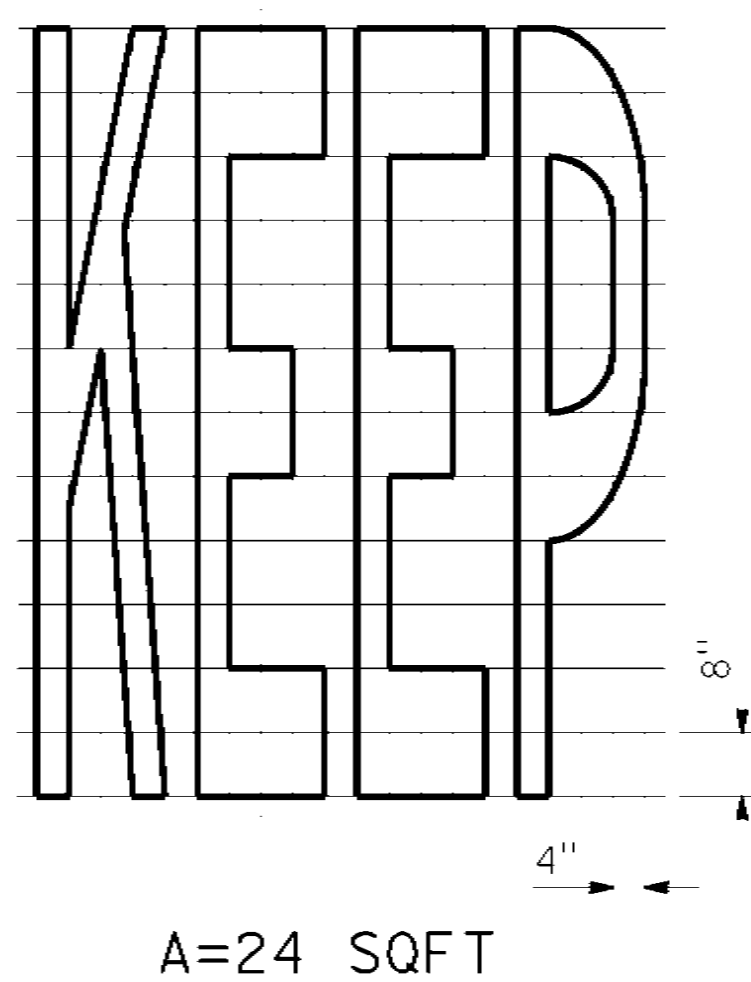
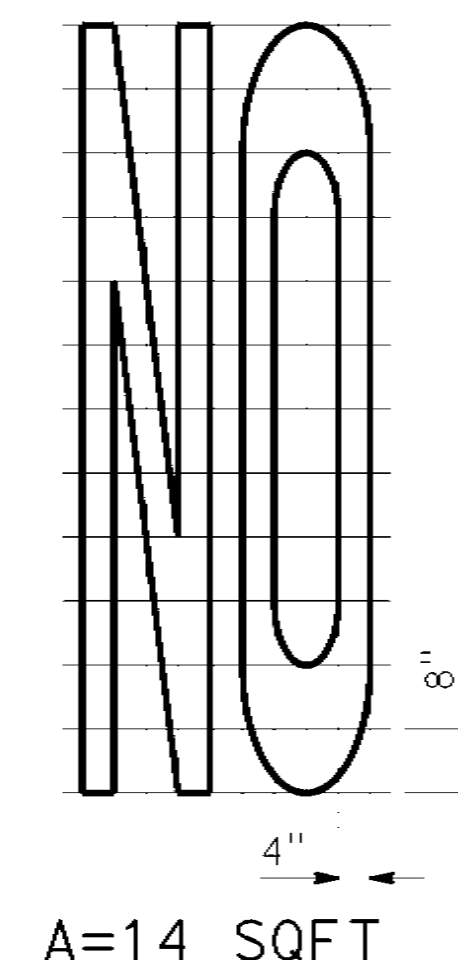
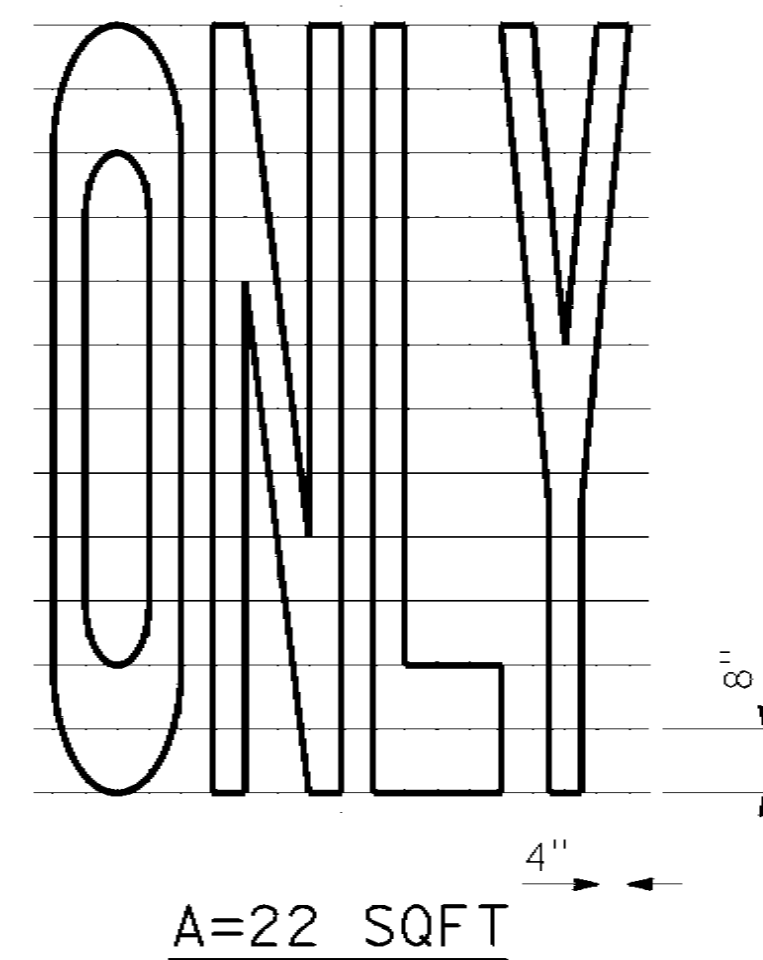
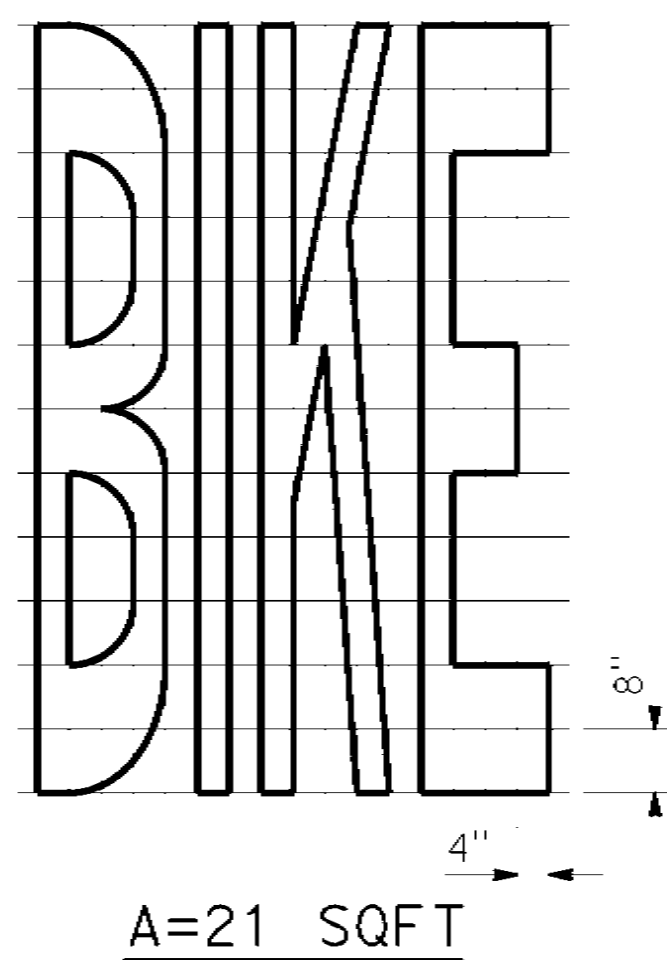
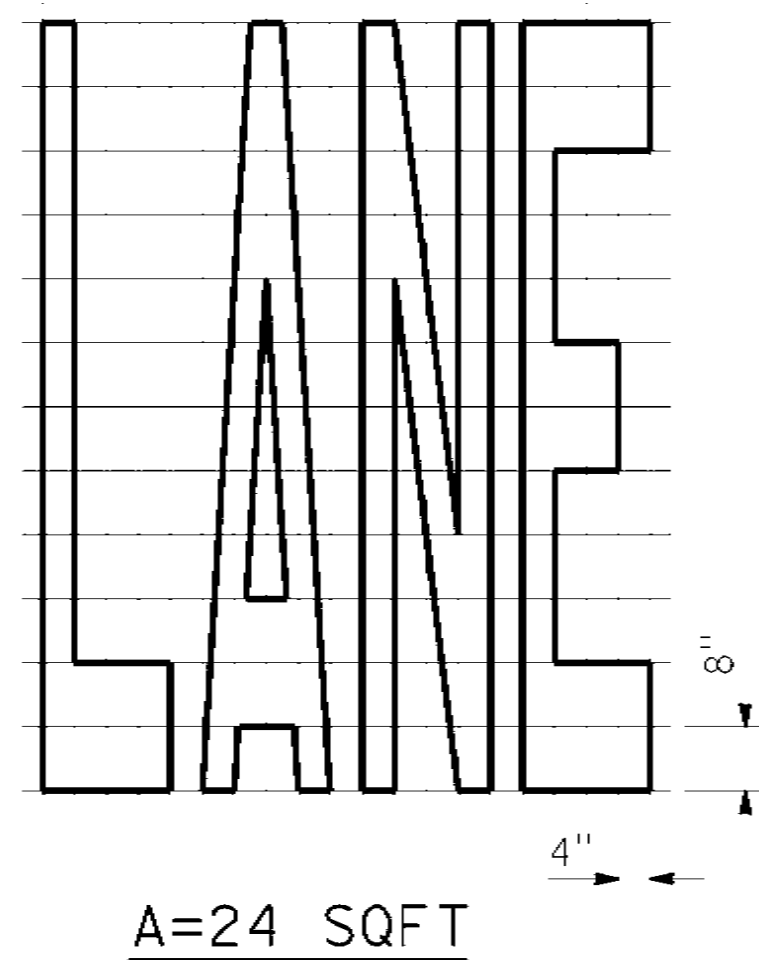
DIST.	COUNTY	ROUTE	POST MILES	SHEET	TOTAL SHEETS
5	SLO	1	12.1	48	60

Lee Jay Haber
REGISTERED CIVIL ENGINEER

October 21, 2022
PLANS APPROVAL DATE



TO ACCOMPANY PLANS DATED May 1, 2023



NOTES:

1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number, or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

WORD MARKINGS

ITEM	SQFT	ITEM	SQFT
LANE	24	NO	14
CLEAR	27	BIKE	21
KEEP	24	BUS	20
HOV	18	ONLY	22
TRAIL	23	FWY	16
EXPRS	30		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

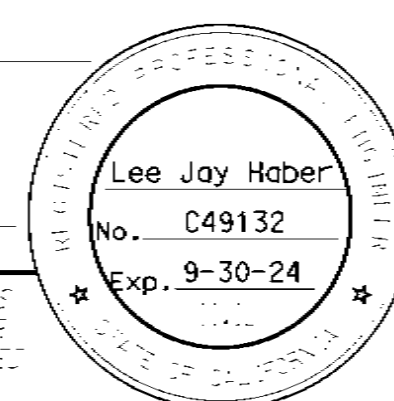
**PAVEMENT MARKINGS
WORDS**

NO SCALE

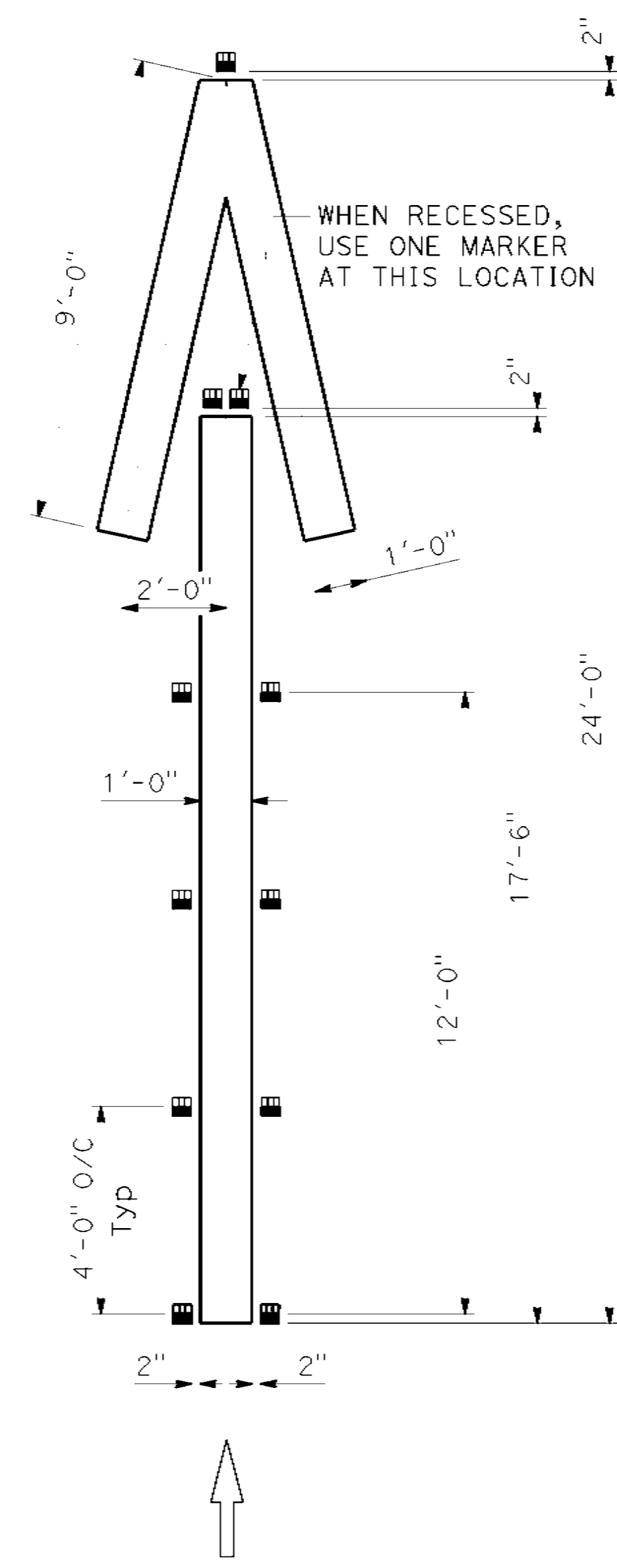
RSP A24E DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A24E
DATED AUGUST 1, 2022 - PAGE 23 OF THE STANDARD PLANS BOOK DATED 2022.

DISTRICT	COUNTY	ROUTE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
5	SLO	1	12.1	49	60

Lee Jay Haber
 REGISTERED CIVIL ENGINEER
 October 21, 2022
 PLANS APPROVAL DATE

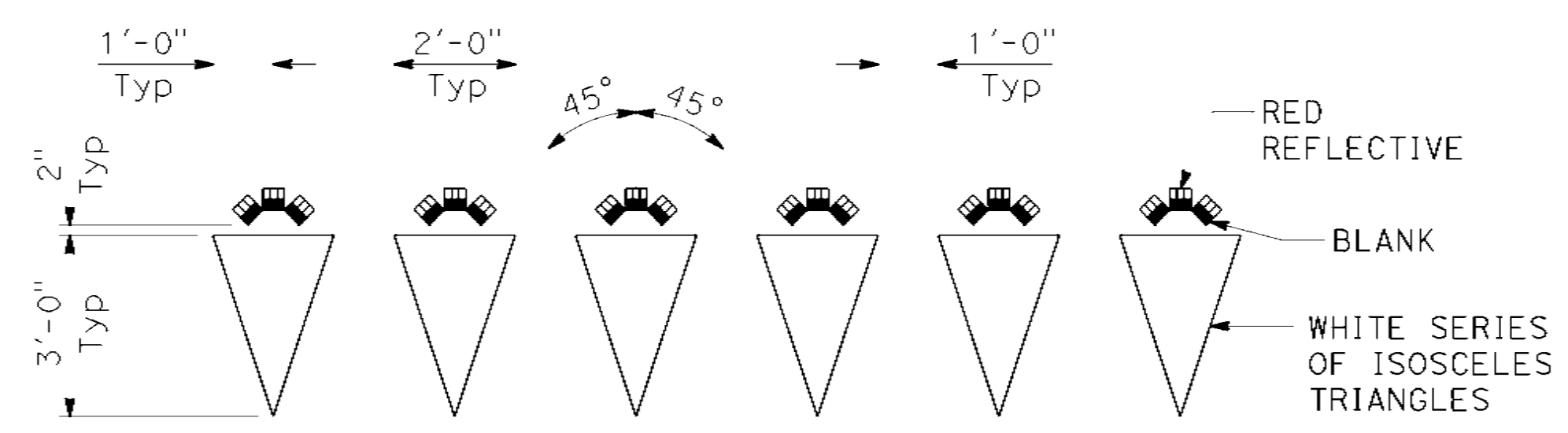


TO ACCOMPANY PLANS DATED May 1, 2023

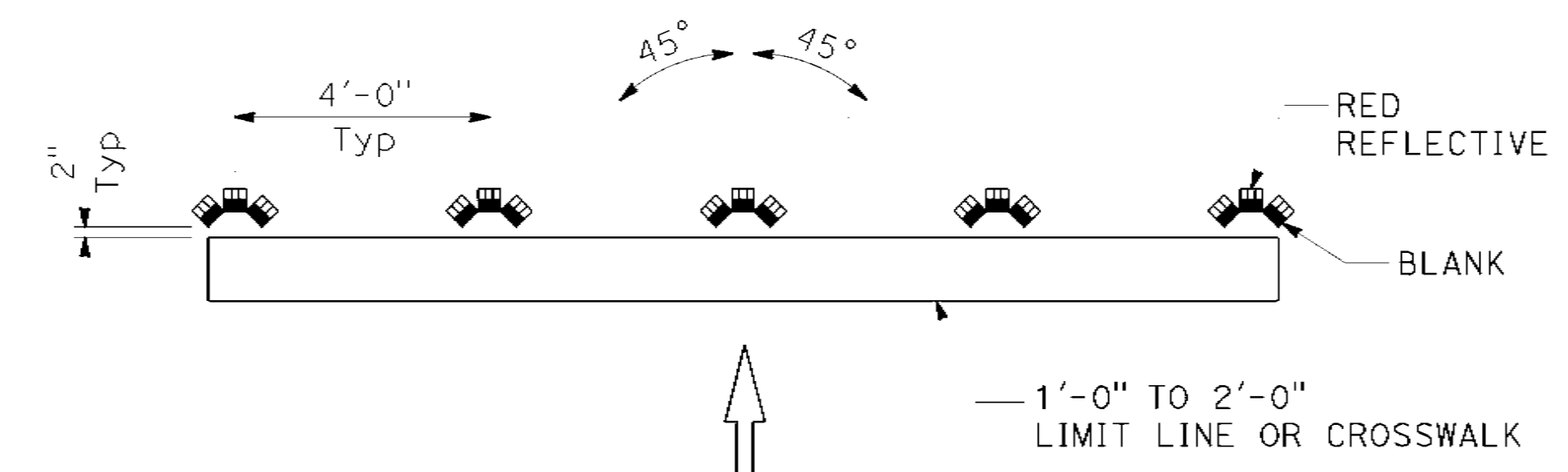


A=33 SQFT

TYPE V ARROW AT EXIT RAMP



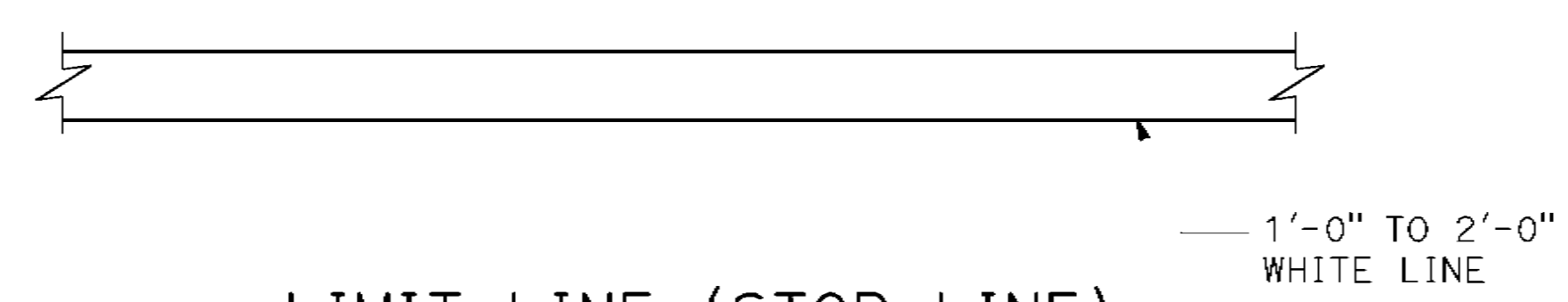
YIELD LINE AT EXIT RAMP
(Markers are not recessed)



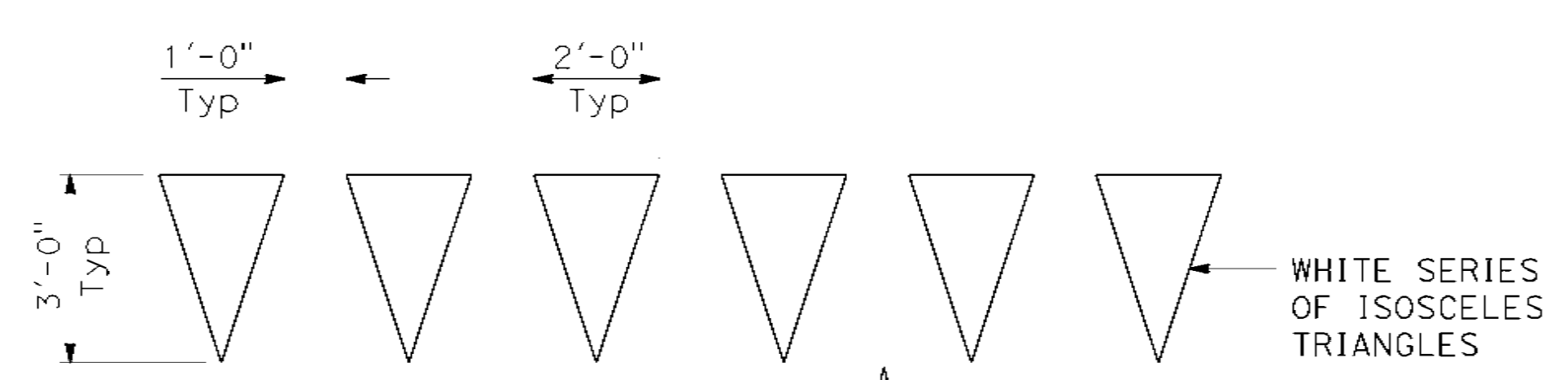
LIMIT LINE (STOP LINE) AT EXIT RAMP
(Markers are not recessed)

NOTE:

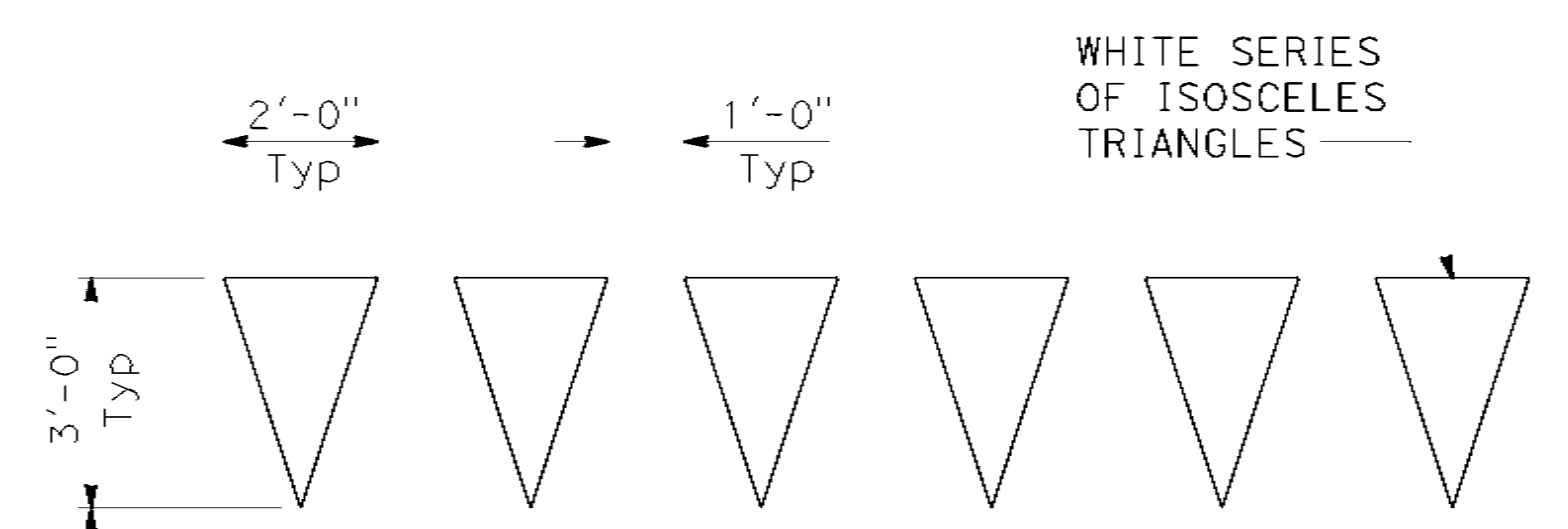
- If there is crosswalk at the end of the exit ramp, place Type R markers in front of the first line for wrong way vehicle that travels up the ramp with the red reflective side facing the intersection.



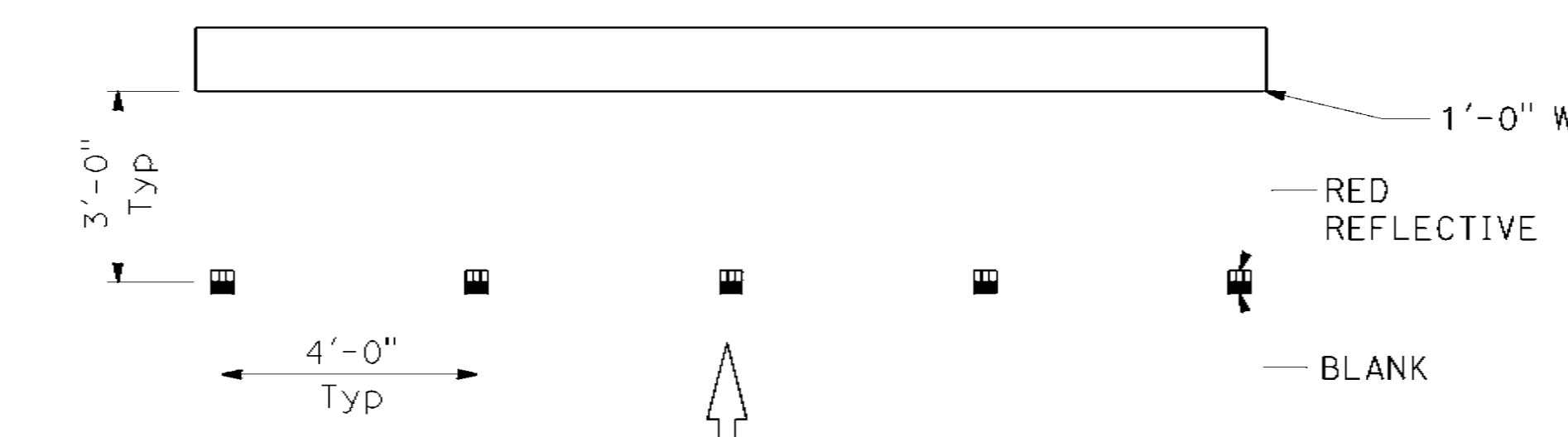
LIMIT LINE (STOP LINE)
1'-0" TO 2'-0" WHITE LINE



YIELD LINE




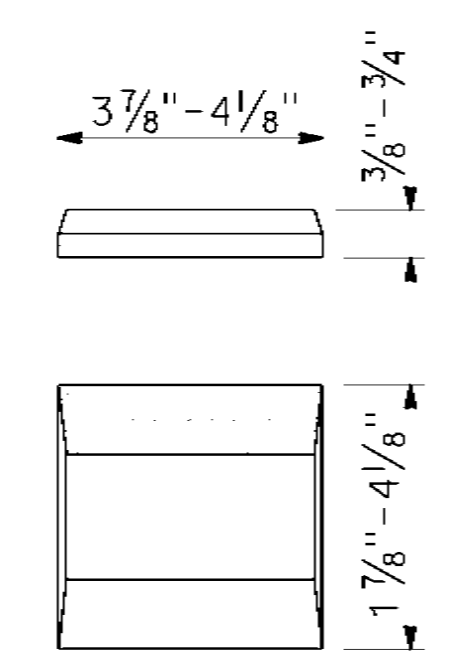
YIELD LINE AT EXIT RAMP
(Markers are recessed)



LIMIT LINE (STOP LINE) AT EXIT RAMP
(Markers are recessed)

LEGEND:

-  TYPE R ONE-WAY RED RETROREFLECTIVE MARKER



TYPE R

MARKER DETAILS

-  RETROREFLECTIVE FACE ON BACKSIDE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

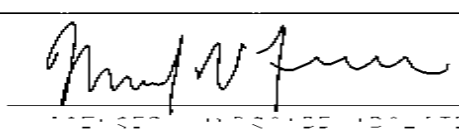
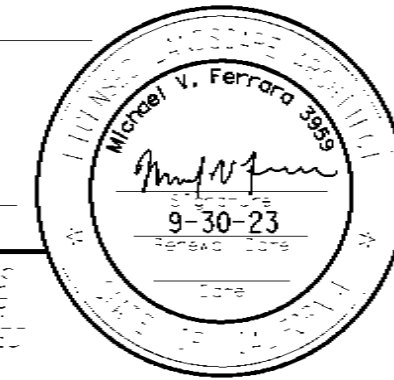
PAVEMENT MARKINGS YIELD LINES, LIMIT LINES, AND WRONG WAY DETAILS

NO SCALE

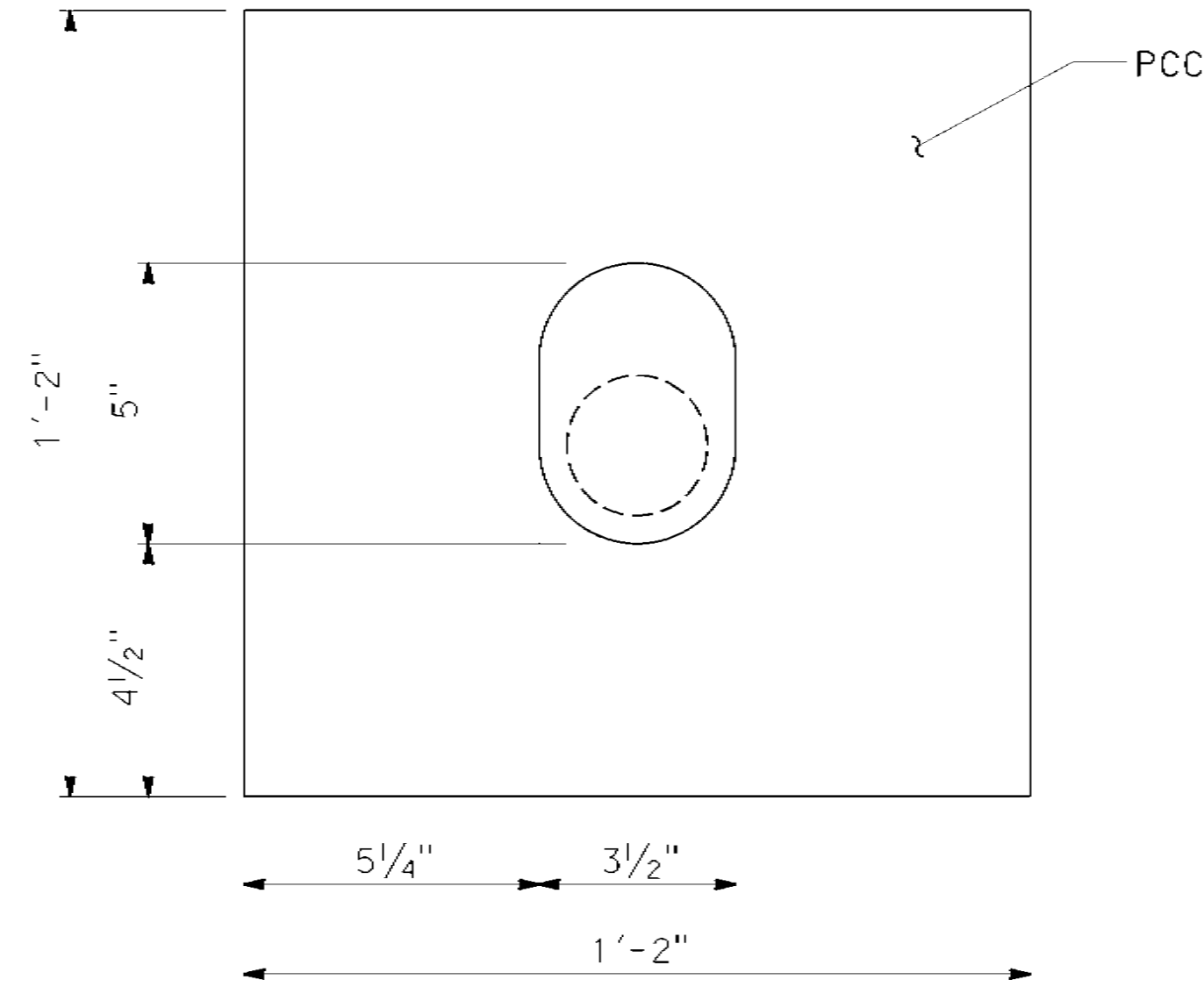
RSP A24G DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A24G DATED AUGUST 1, 2022 - PAGE 25 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A24G

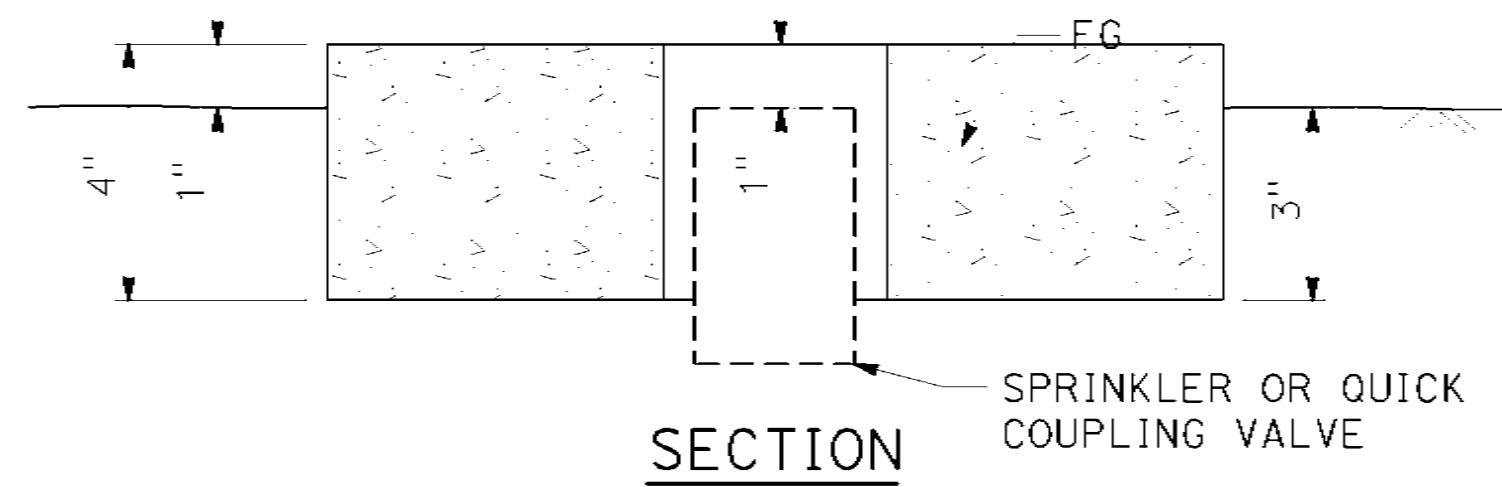
2022 REVISED STANDARD PLAN RSP A24G

DIST	COUNTY	ROUTE	POST MILES	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	50	60
 LICENSED LANDSCAPE ARCHITECT					
October 21, 2022 PLANS APPROVAL DATE					
					

TO ACCOMPANY PLANS DATED May 1, 2023

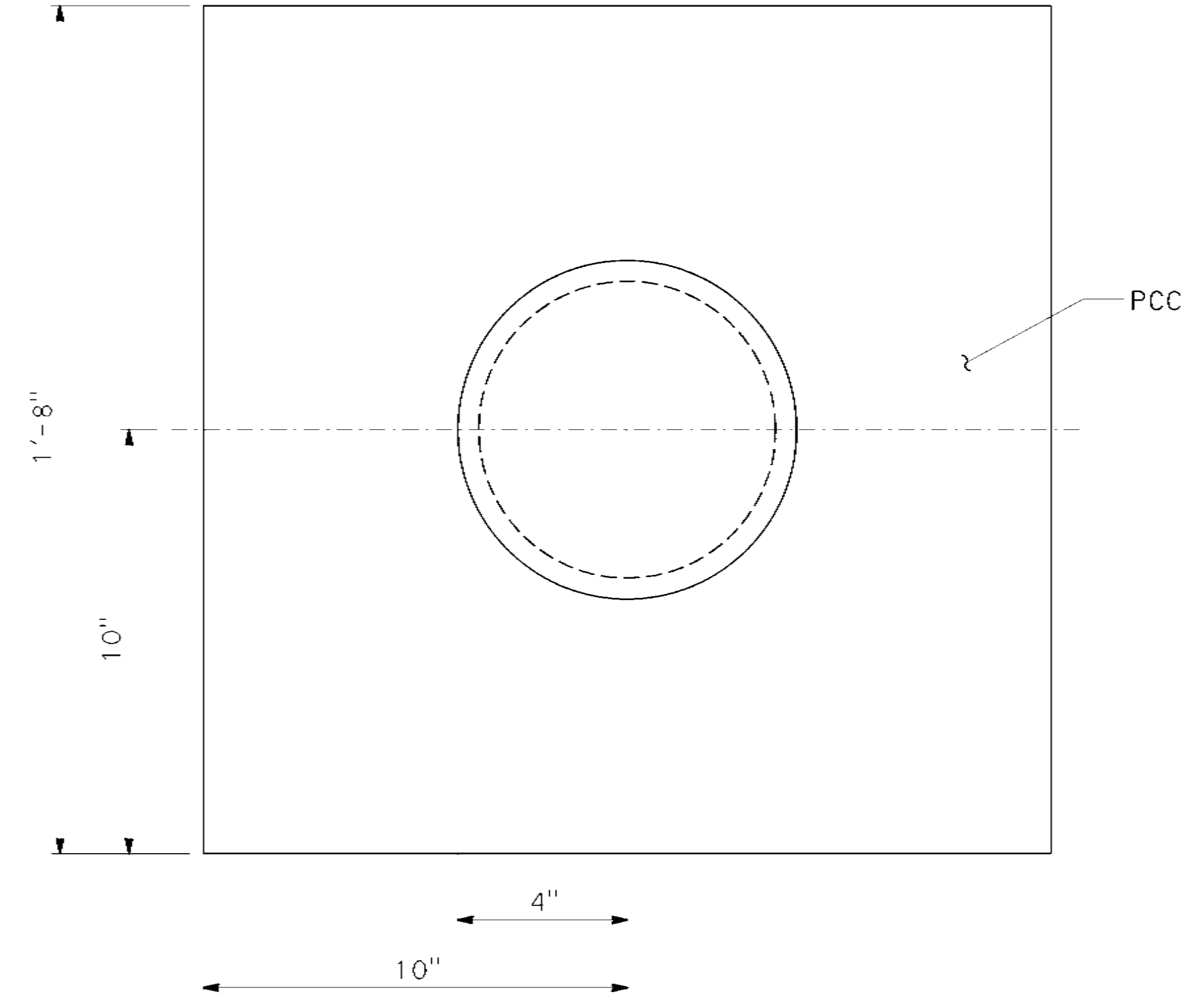


PLAN

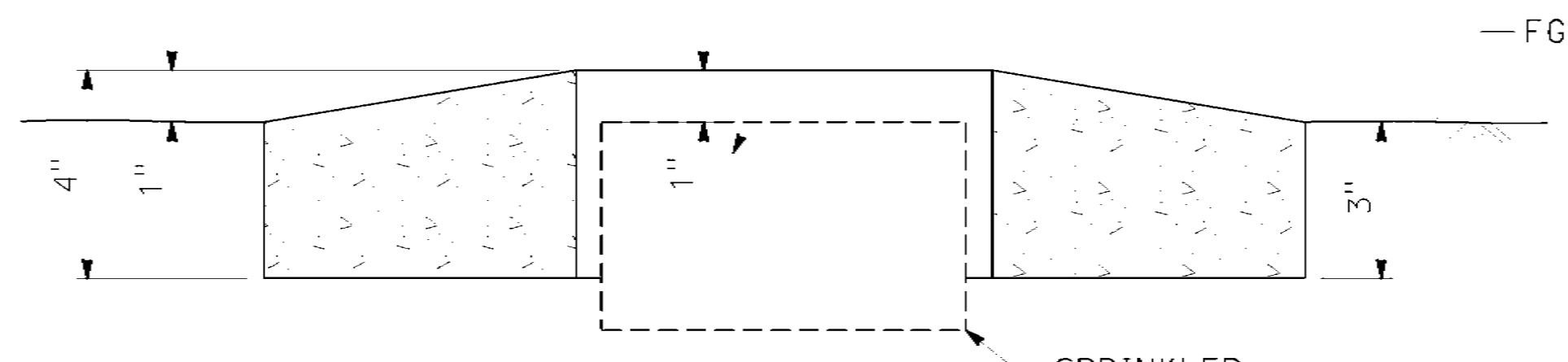


SECTION

SPRINKLER PROTECTOR TYPE I

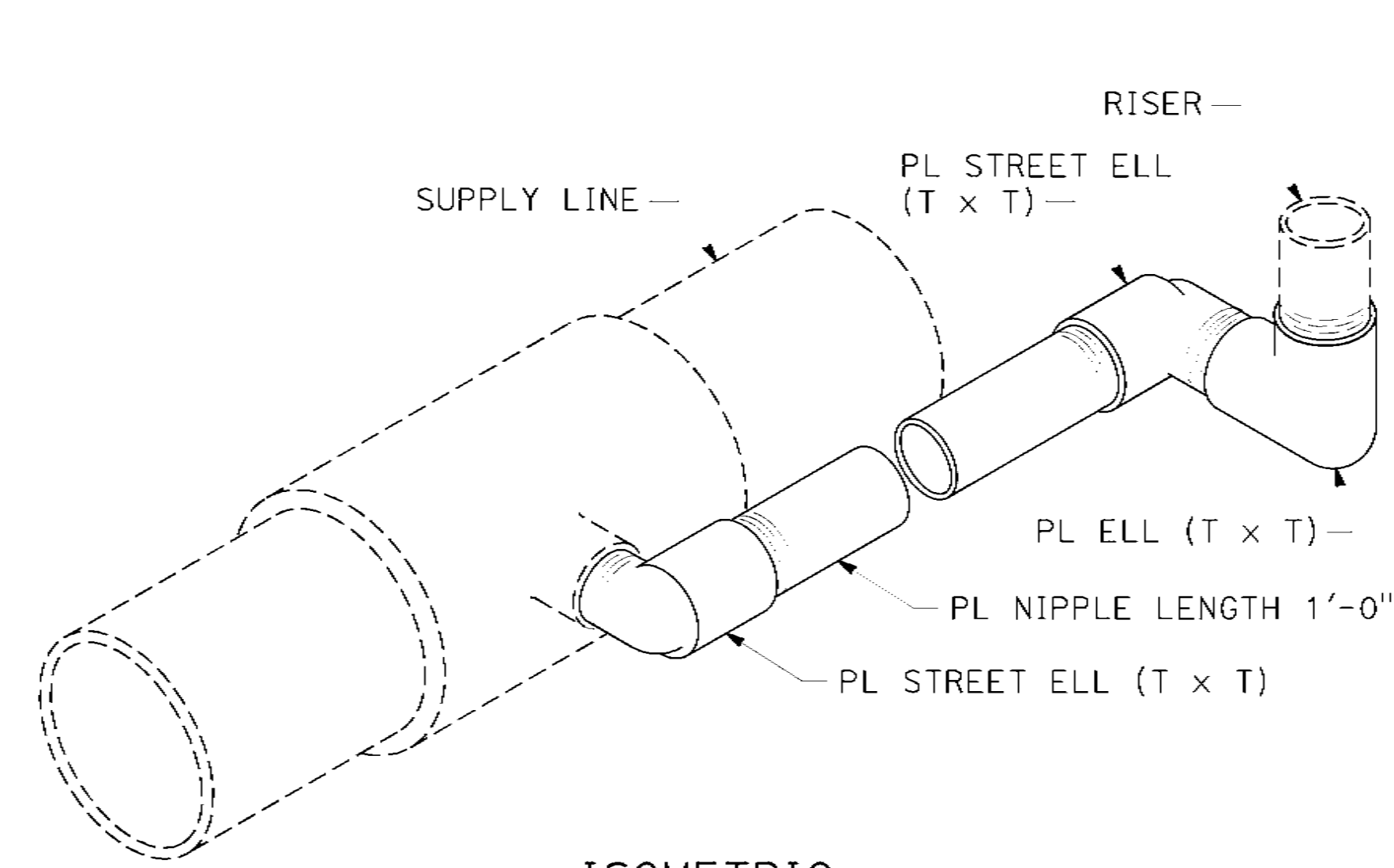


PLAN



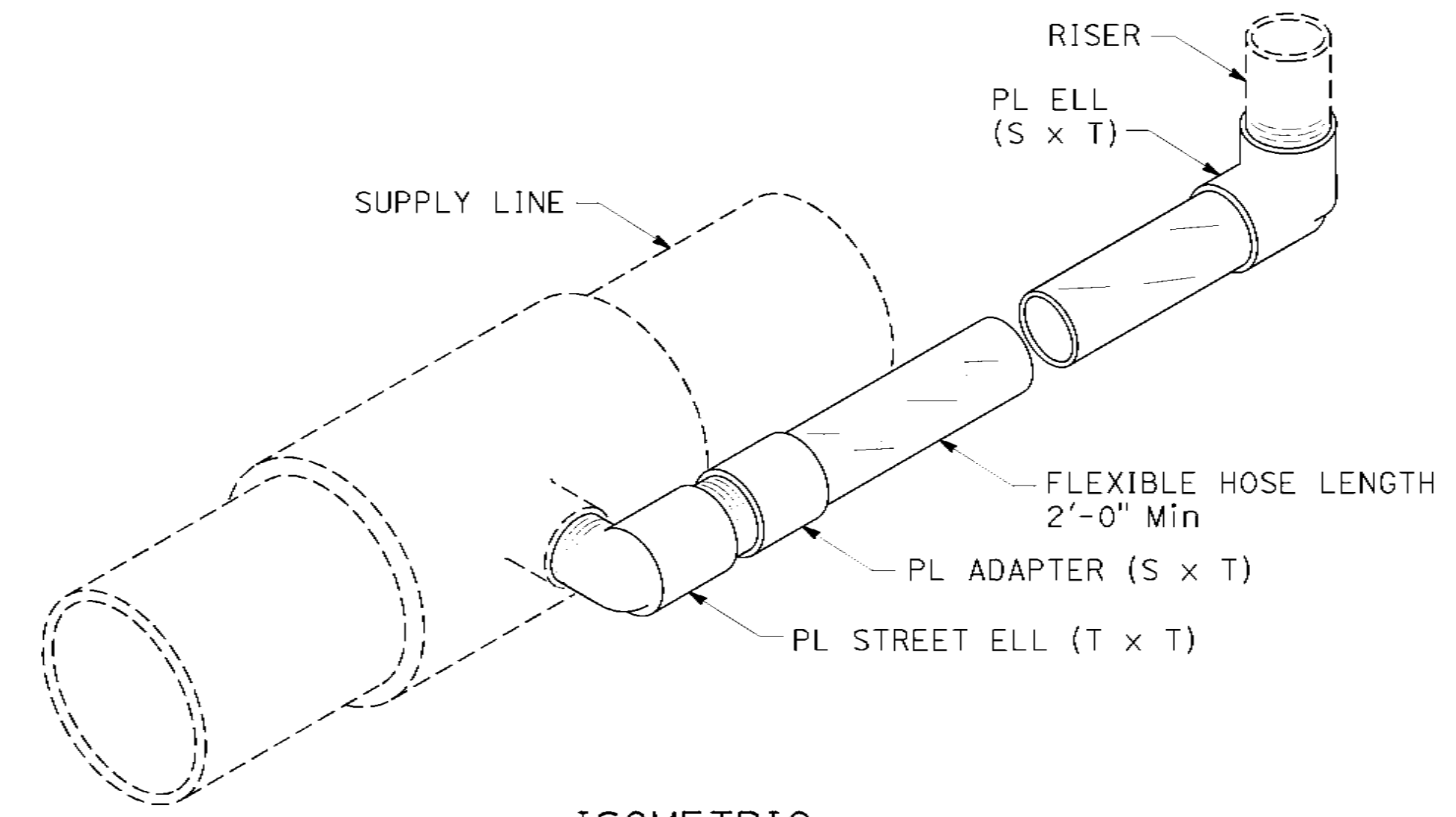
SECTION

SPRINKLER PROTECTOR TYPE II



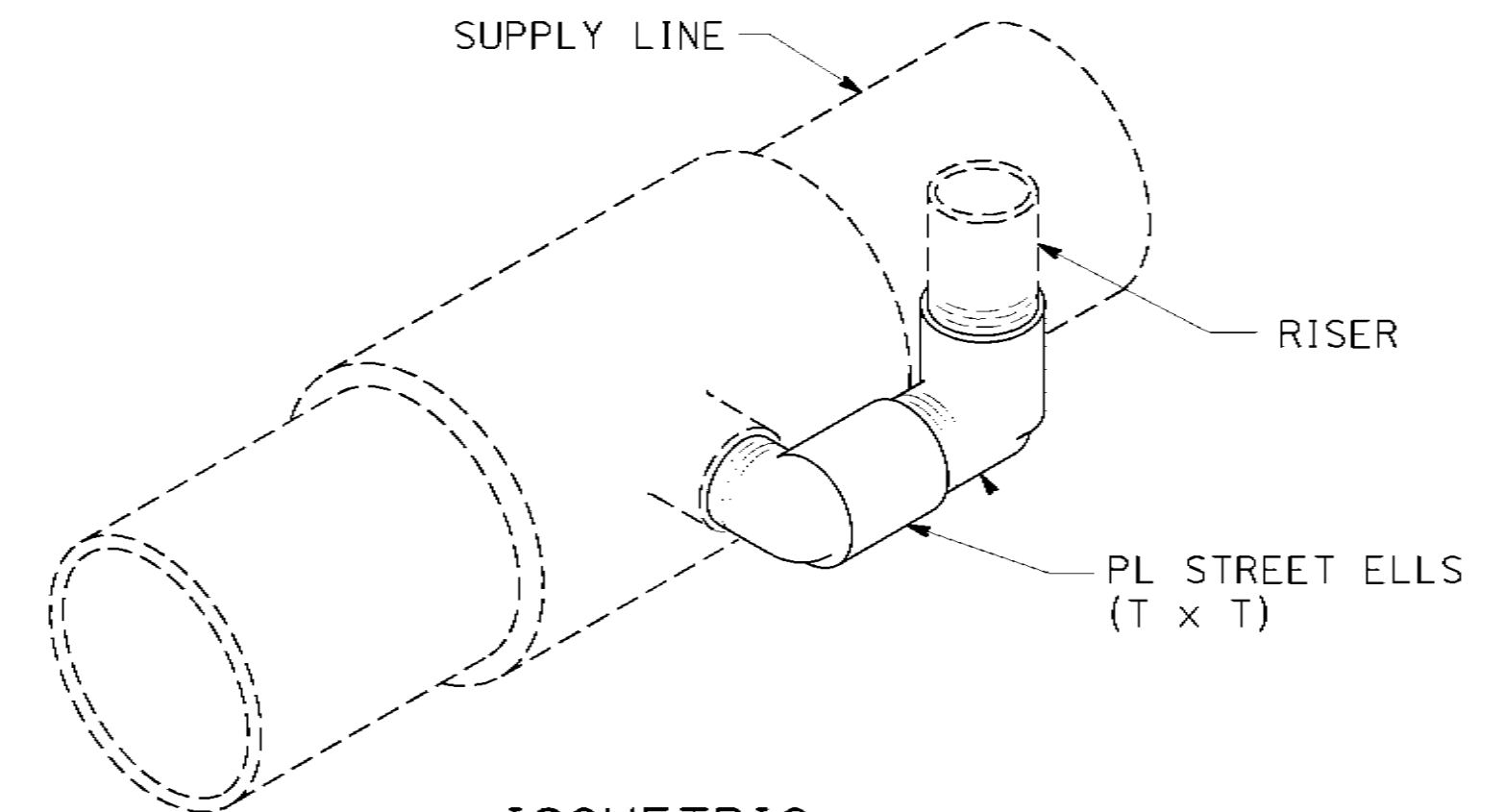
ISOMETRIC

SWING JOINT TYPE I



ISOMETRIC

SWING JOINT TYPE II



ISOMETRIC

SWING JOINT TYPE III

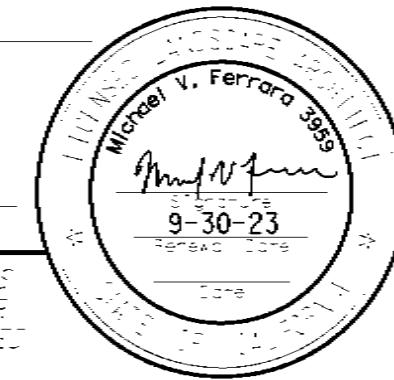
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
LANDSCAPE DETAILS
(SWING JOINT AND PROTECTOR)
NO SCALE

RSP H5 DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN H5
DATED AUGUST 1, 2022 - PAGE 292 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP H5

2022 REVISED STANDARD PLAN RSP H5


DIST	COUNTY	ROUTE	POST MILES	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	51	60

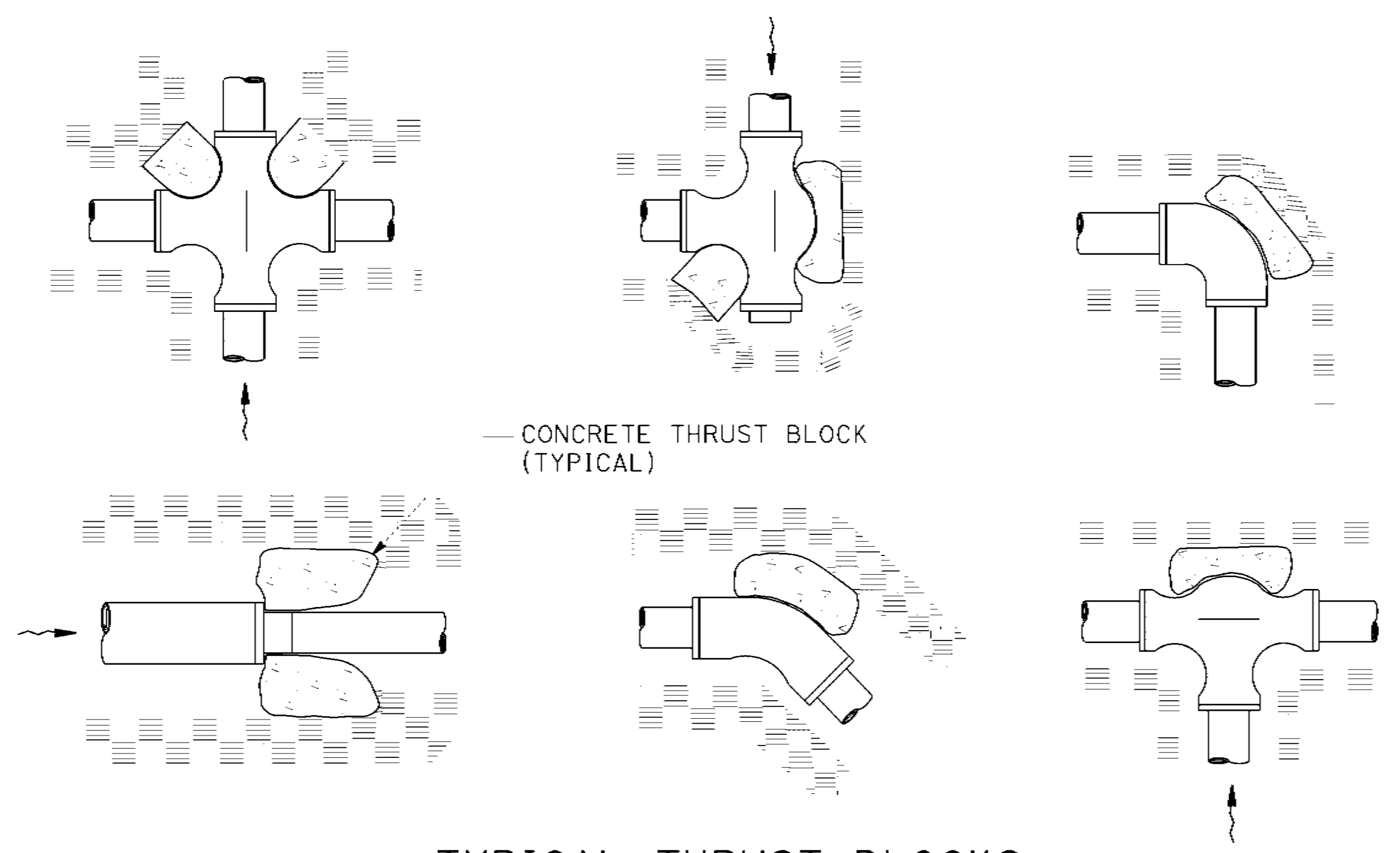


 October 21, 2022
 PLANS APPROVAL DATE

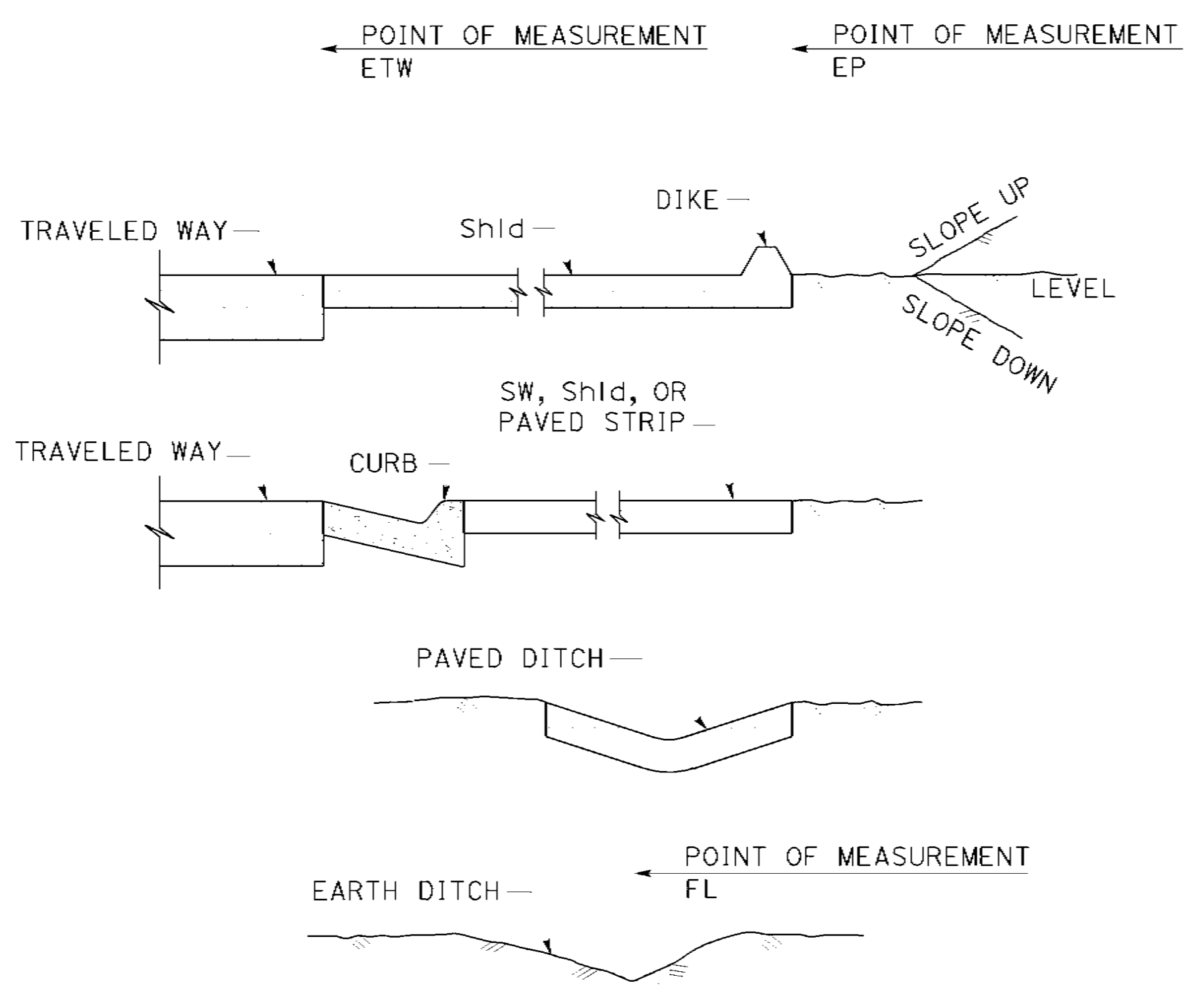
PIPE SIZE (INCHES)	BEARING AREA (SQFT)					
	TEE	PLUG	WYE	90°	45°	CROSS/ 22.5°
3"	1.0	1.0	1.0	1.5	1.0	0.5
4"	1.5	1.5	1.5	1.5	1.5	1.0
6"	2.0	2.0	2.0	1.5	1.5	1.0

- NOTES:**
1. Use for non solvent welded pipe.
 2. Thrust block must be poured against undisturbed soil.

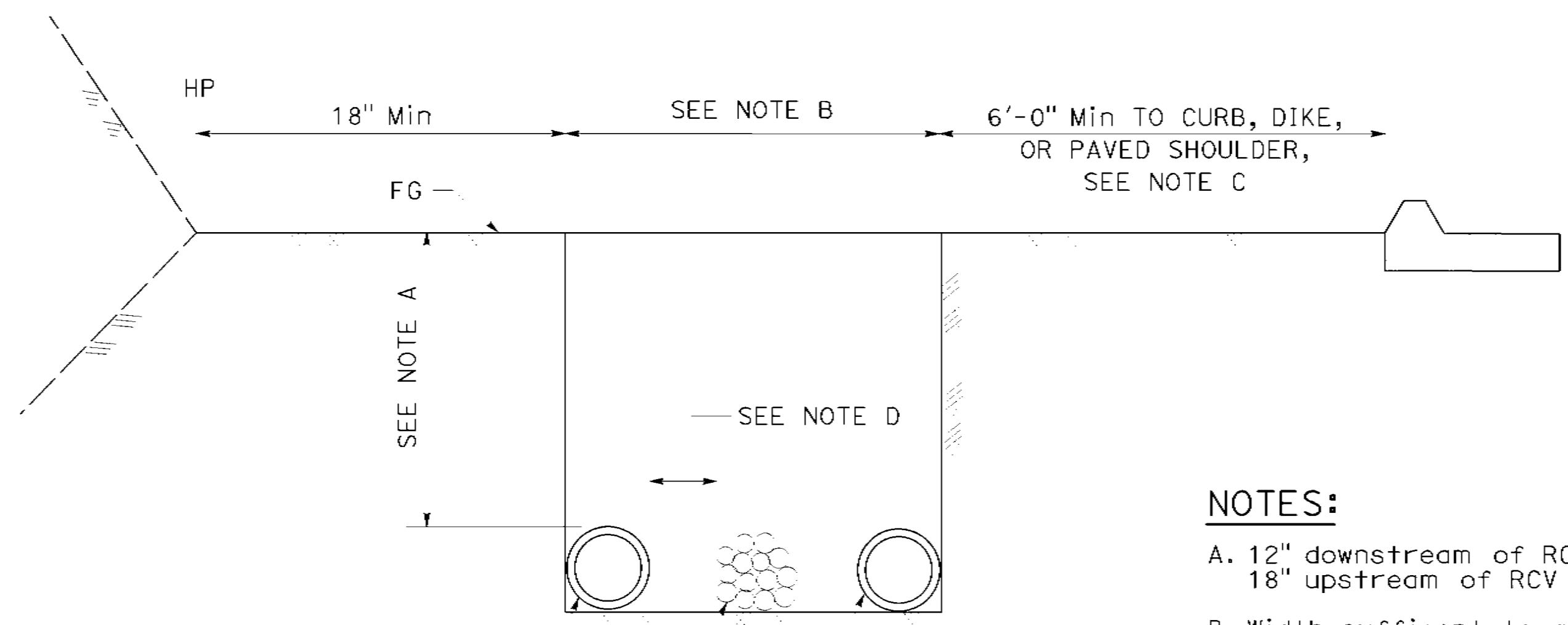
LEGEND:
 DIRECTION OF FLOW



TYPICAL THRUST BLOCKS



SECTION POINTS OF MEASUREMENT



SECTION IRRIGATION TRENCH DETAIL

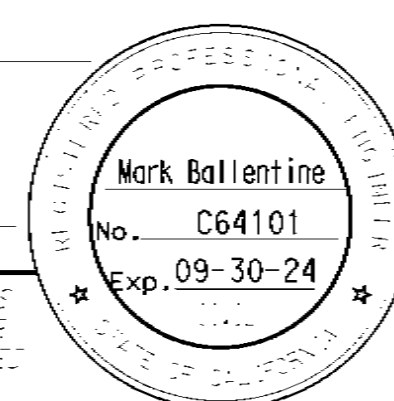
- NOTES:**
- A. 12" downstream of RCV
18" upstream of RCV
 - B. Width sufficient to allow snaking of pipe and CNC bundles without stacking.
 - C. 1 ft minimum to back of sidewalk.
 - D. 2" Min or Dia of largest pipe in trench.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
LANDSCAPE DETAILS
NO SCALE

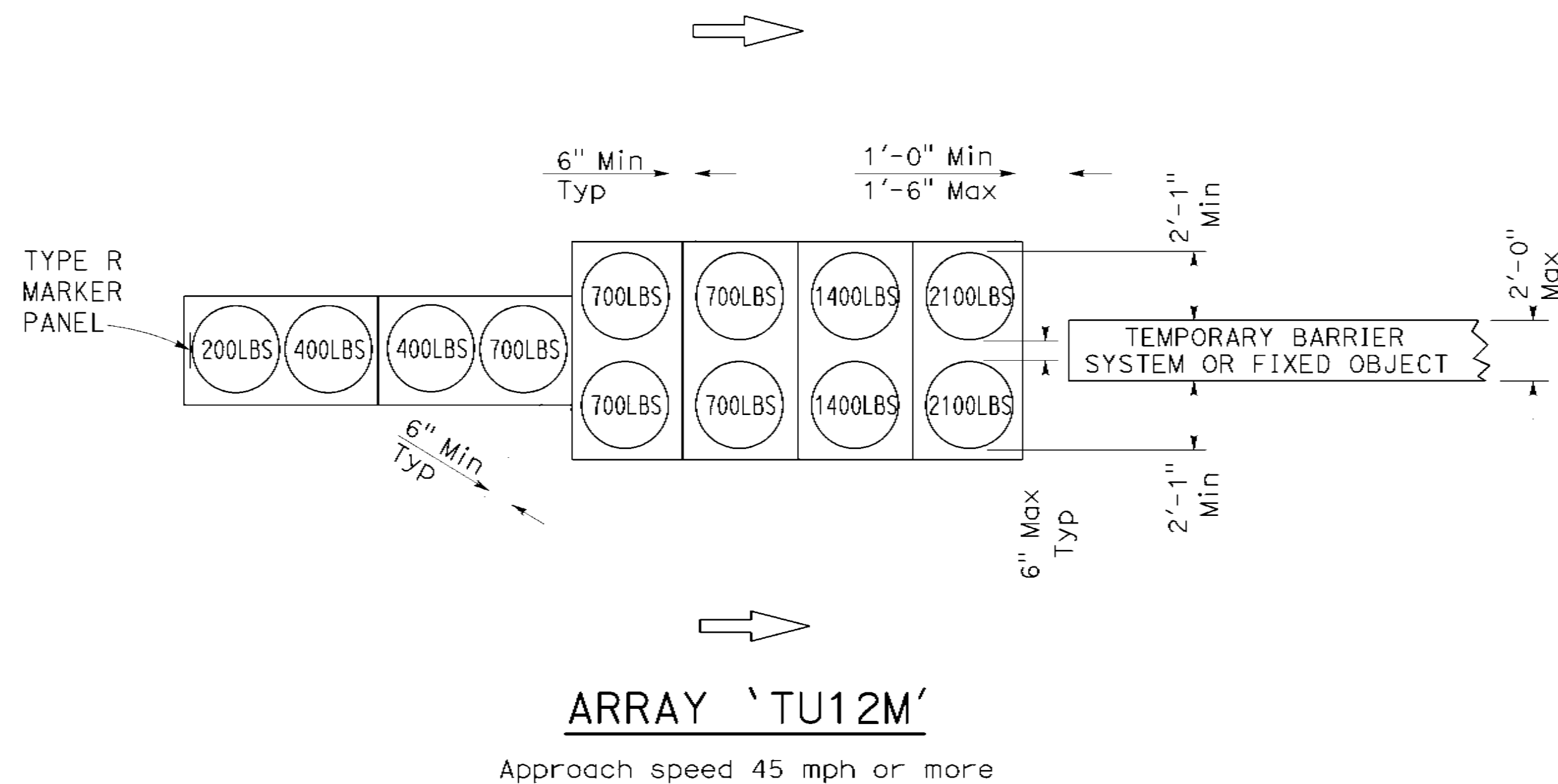
2022 REVISED STANDARD PLAN RSP H9

DIST.	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	52	60

Mark Ballentine
 REGISTERED CIVIL ENGINEER
 October 21, 2022
 PLANS APPROVAL DATE

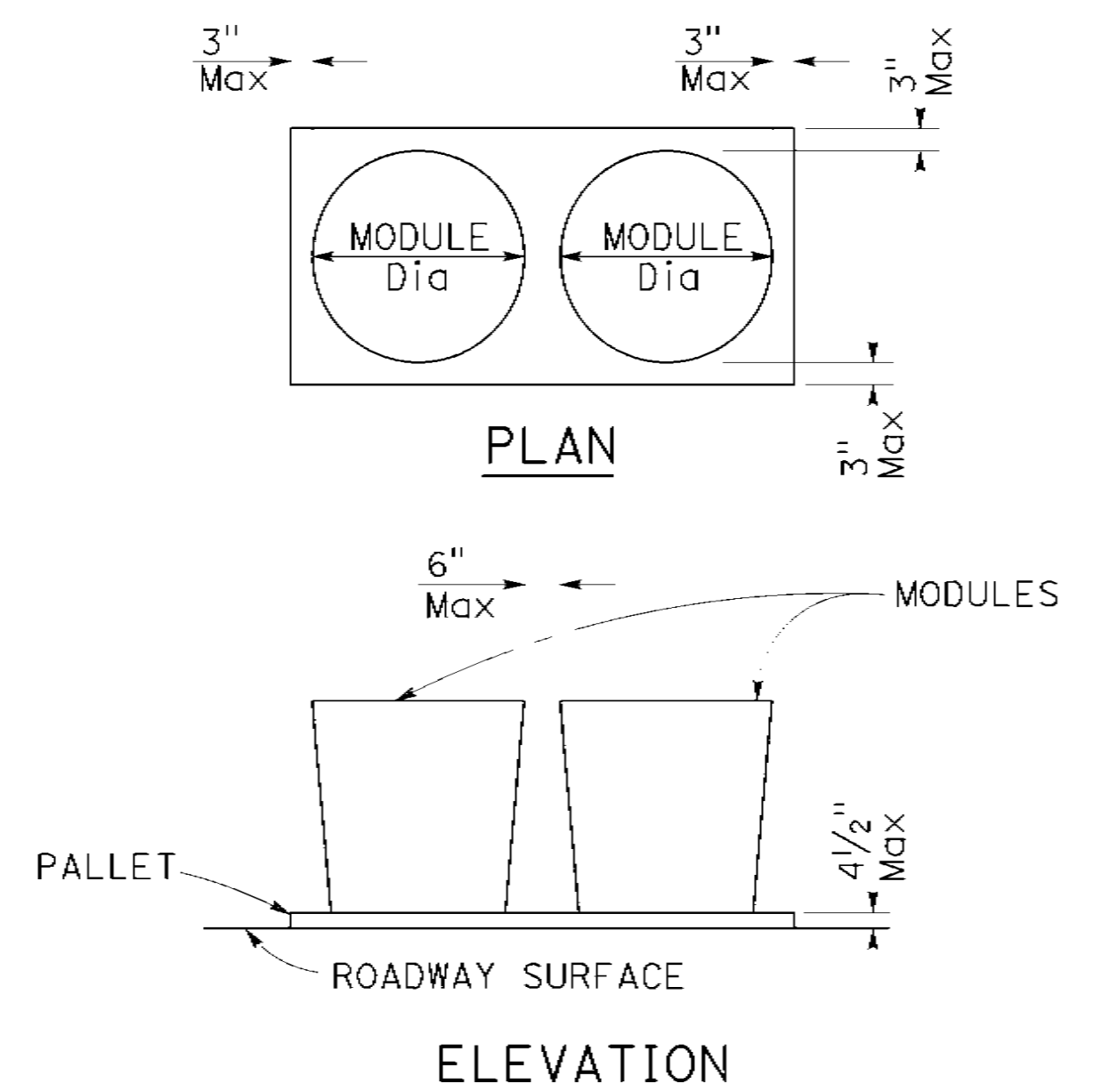


TO ACCOMPANY PLANS DATED May 1, 2023



NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to MASH criteria.



CRASH CUSHION PALLET DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T1A
DATED AUGUST 1, 2022 - PAGE 300 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T1A

2022 REVISED STANDARD PLAN RSP T1A

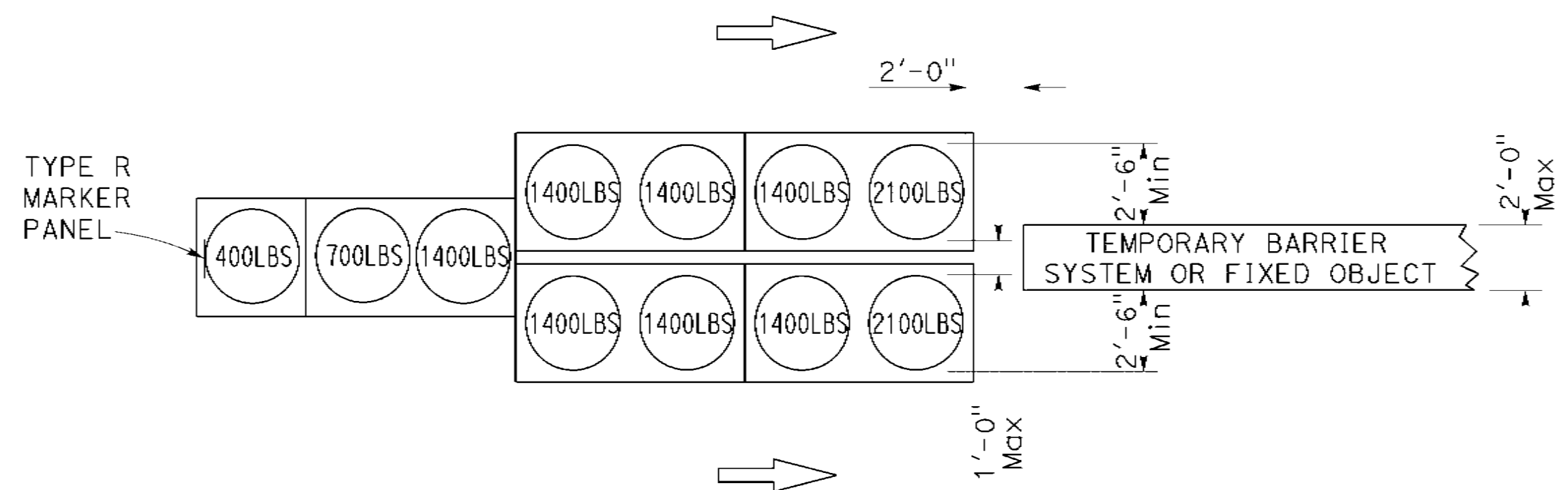
DIST	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	53	60

Mark Ballentine
REGISTERED CIVIL ENGINEER

October 21, 2022
PLANS APPROVAL DATE

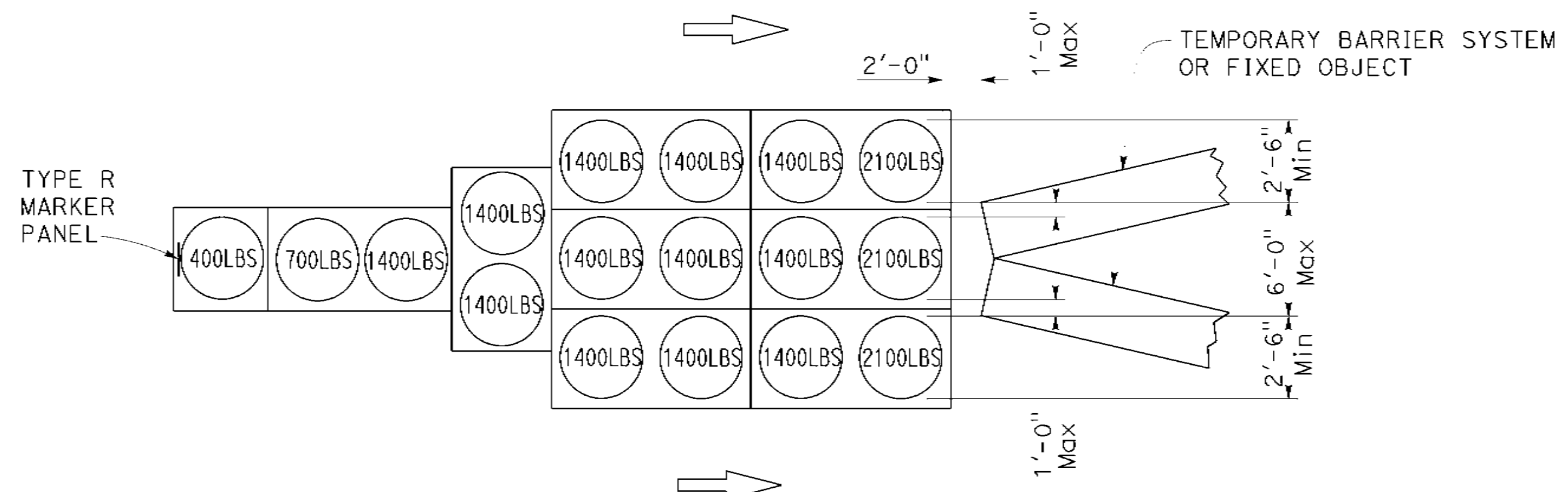
Mark Ballentine
No. C64101
Exp. 09-30-24

TO ACCOMPANY PLANS DATED May 1, 2023



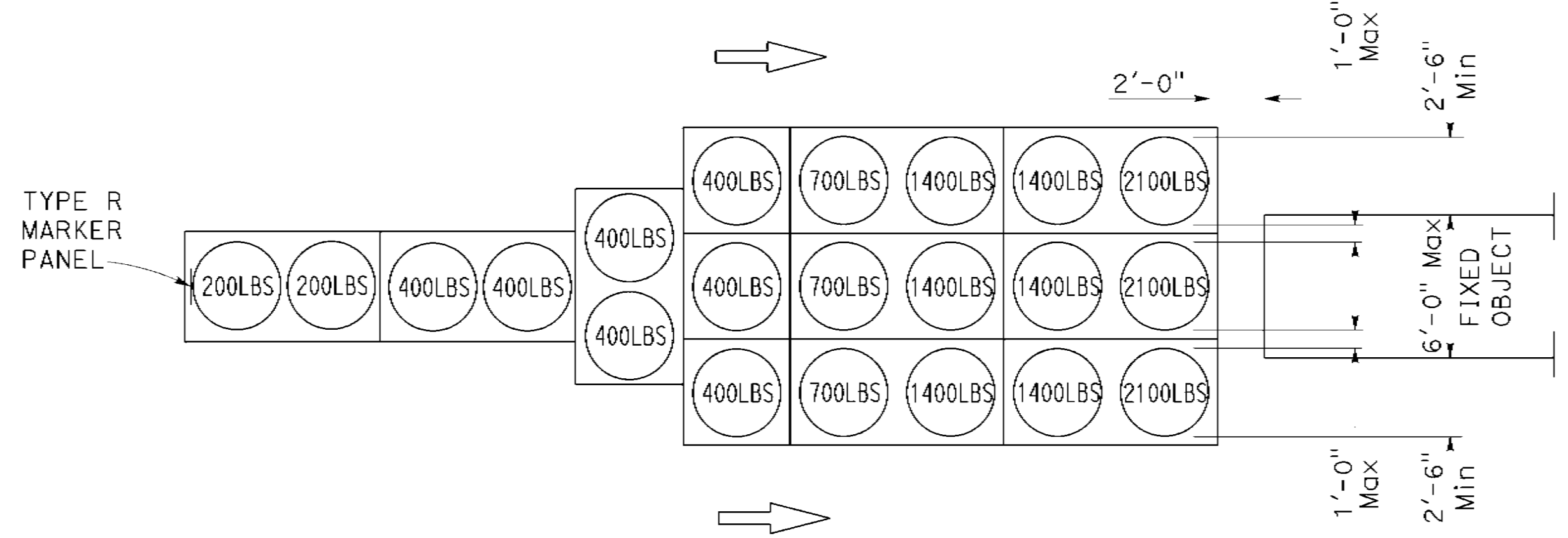
ARRAY 'TU11'

Approach speed less than 45 mph



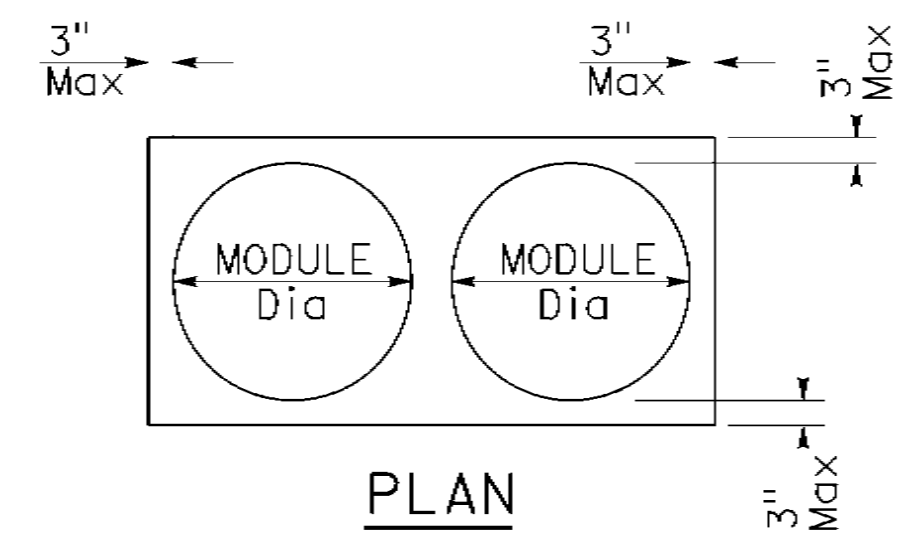
ARRAY 'TU17'

Approach speed less than 45 mph

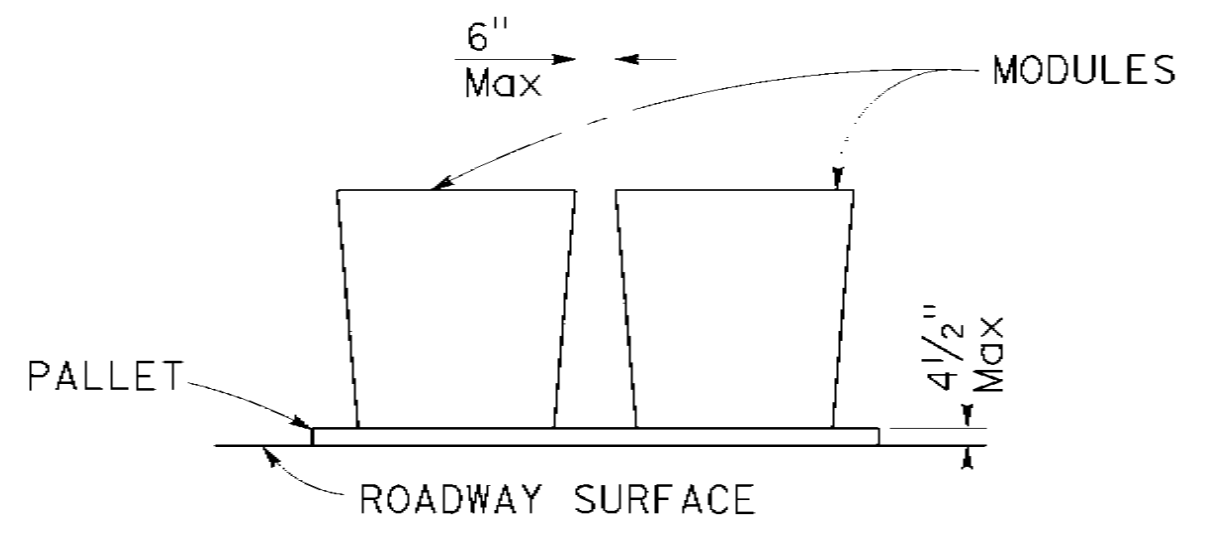


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to NCHRP Report 350 criteria.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

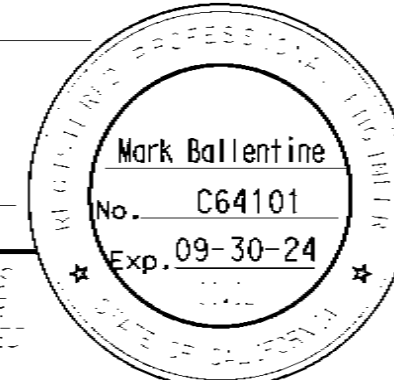
RSP T1A1 DATED OCTOBER 21, 2022 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T1A1

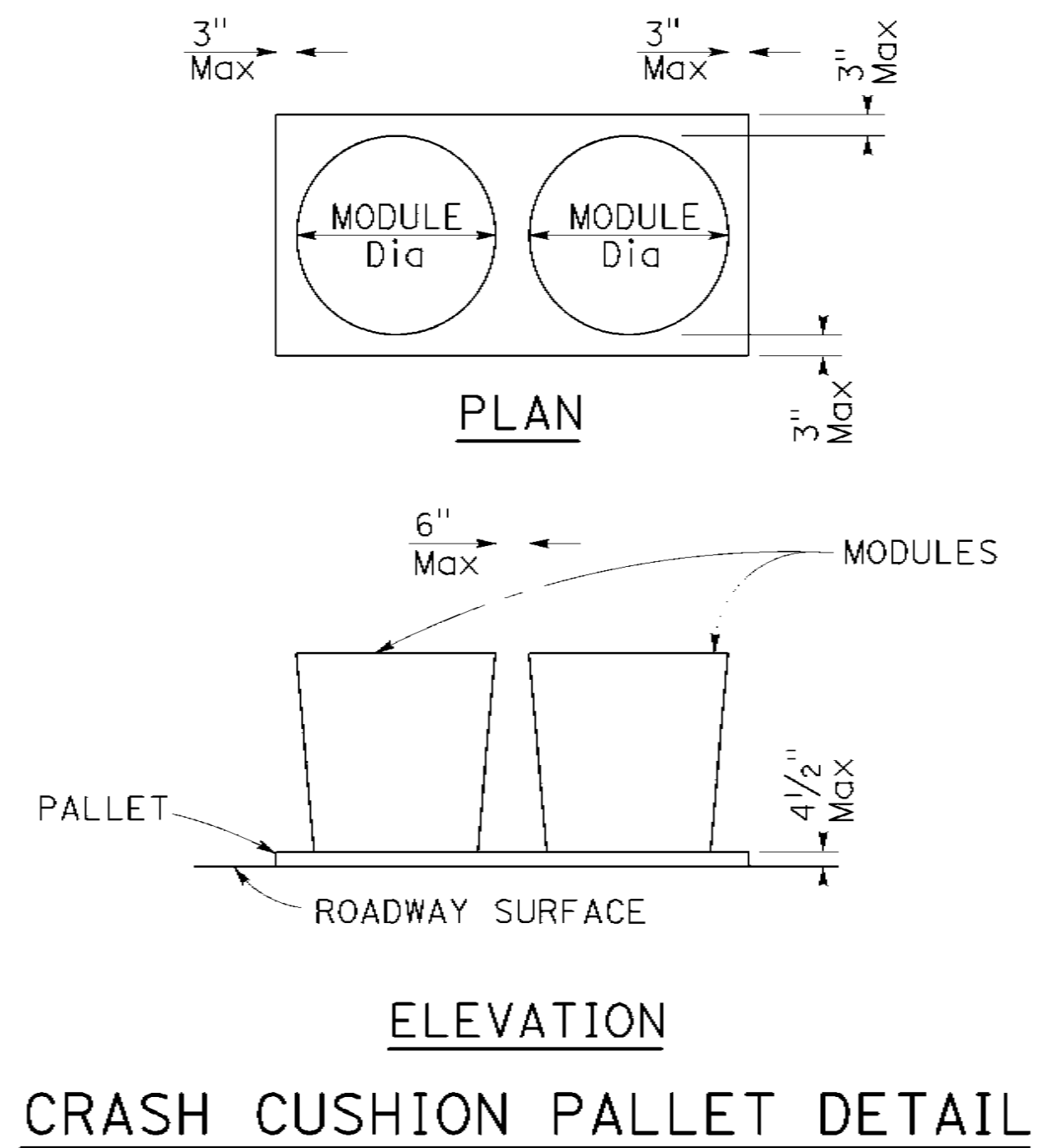
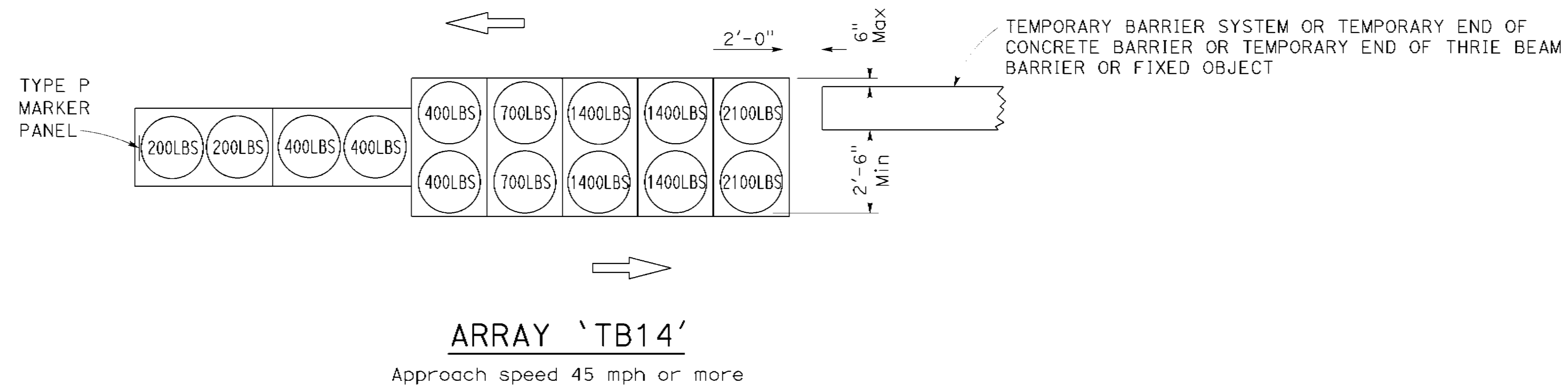
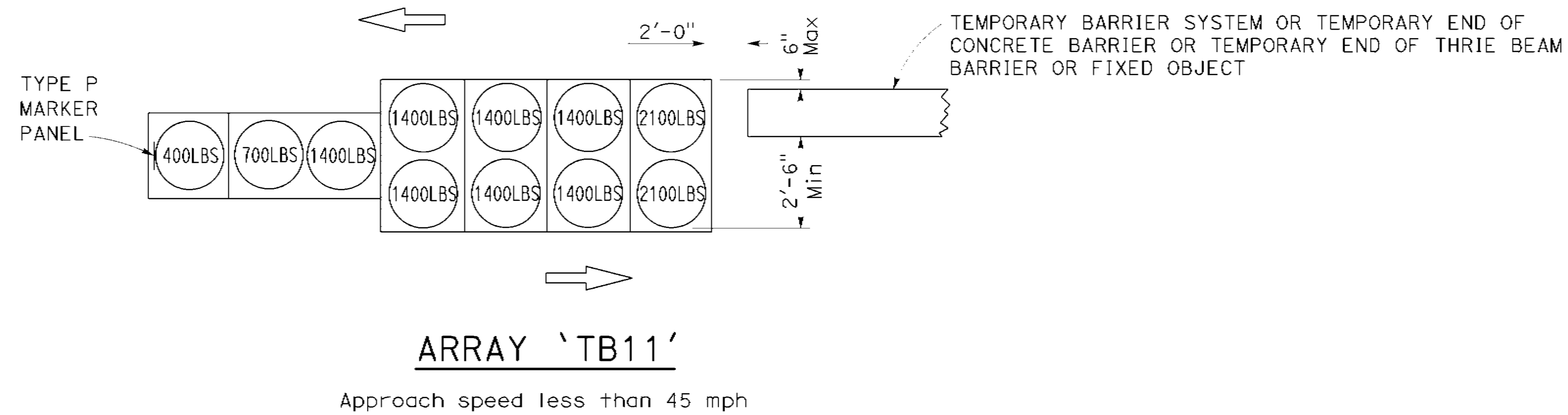
2022 REVISED STANDARD PLAN RSP T1A1

DIST.	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	54	60

Mark Ballentine
 REGISTERED CIVIL ENGINEER
 October 21, 2022
 PLANS APPROVAL DATE



TO ACCOMPANY PLANS DATED May 1, 2023



NOTES:

1. (xxx) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the modules.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to NCHRP Report 350 criteria.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**

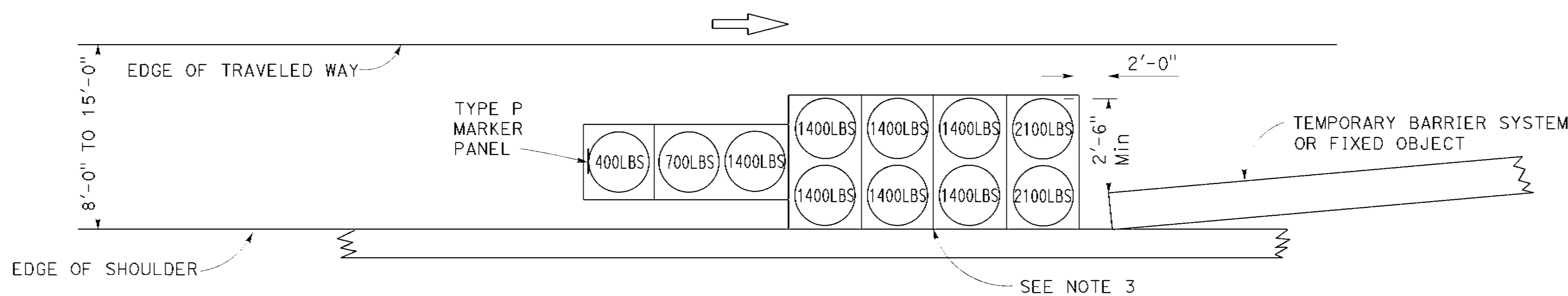
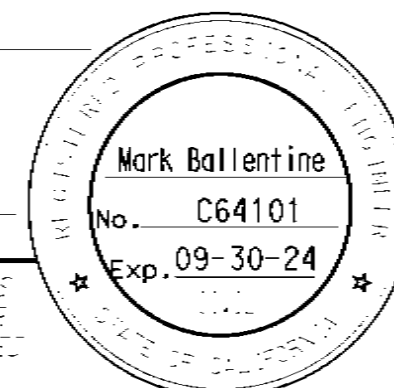
NO SCALE

RSP T1B DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T1B
DATED AUGUST 1, 2022 - PAGE 301 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T1B

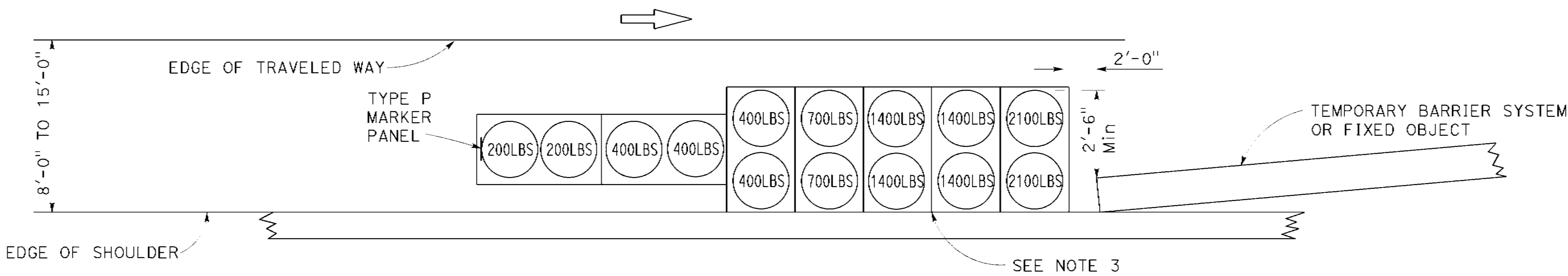
2022 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	SLO	1	12.1	55	60
<i>Mark Ballentine</i> REGISTERED CIVIL ENGINEER					
October 21, 2022 PLANS APPROVAL DATE					
TO ACCOMPANY PLANS DATED <u>May 1, 2023</u>					



ARRAY 'TS11'

Approach speed less than 45 mph,
See Note 6

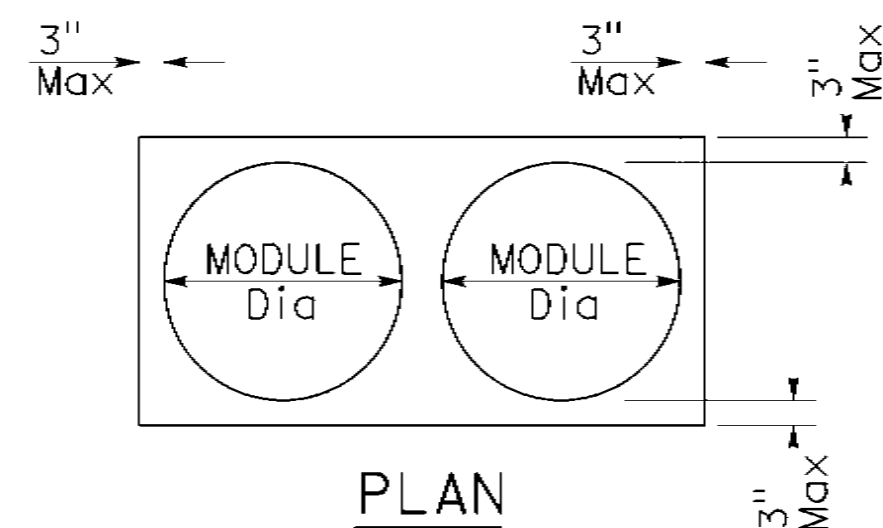


ARRAY 'TS14'

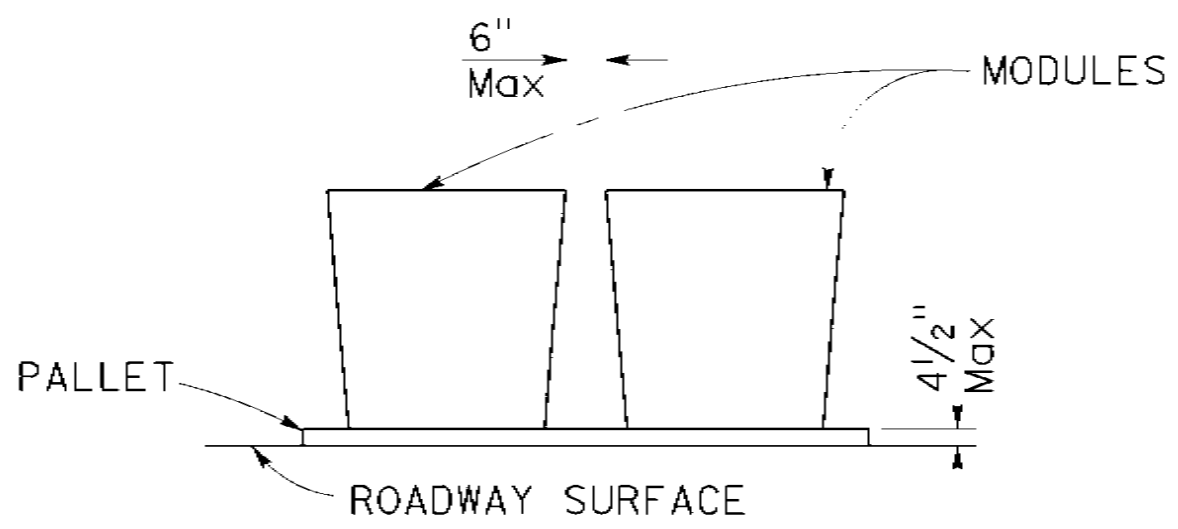
Approach speed 45 mph or more,
See Note 6

NOTES:

1. (xxx) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
5. Refer to Standard Plan A73B for marker details.
6. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
7. Approach speeds indicated conform to NCHRP Report 350 criteria.



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE

RSP T2 DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T2
DATED AUGUST 1, 2022 - PAGE 302 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T2

2022 REVISED STANDARD PLAN RSP T2

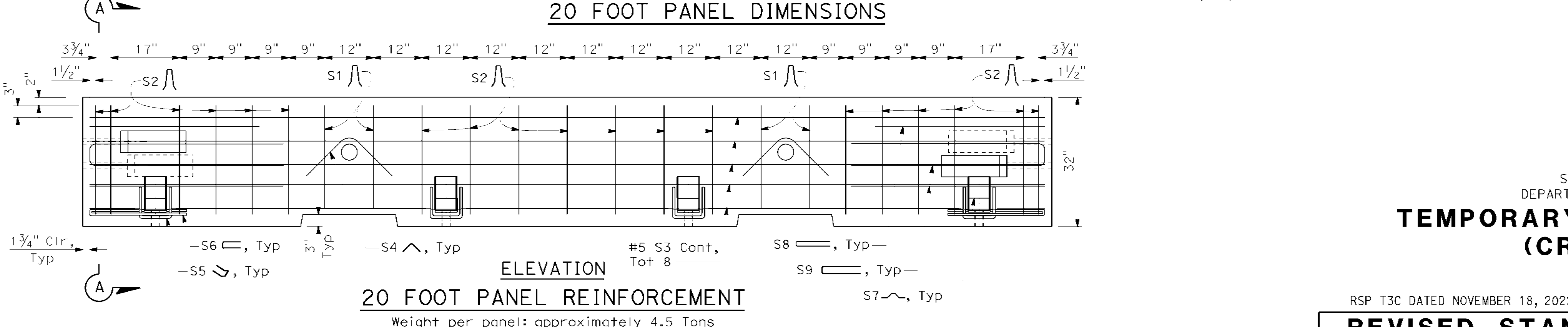
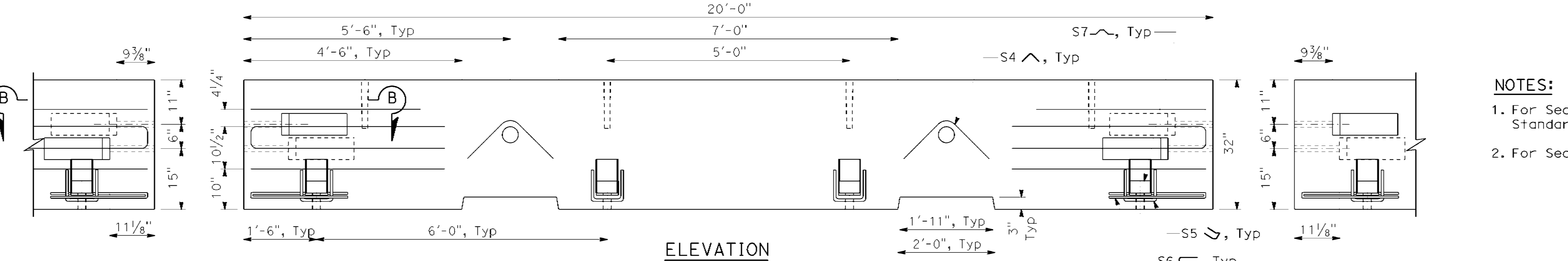
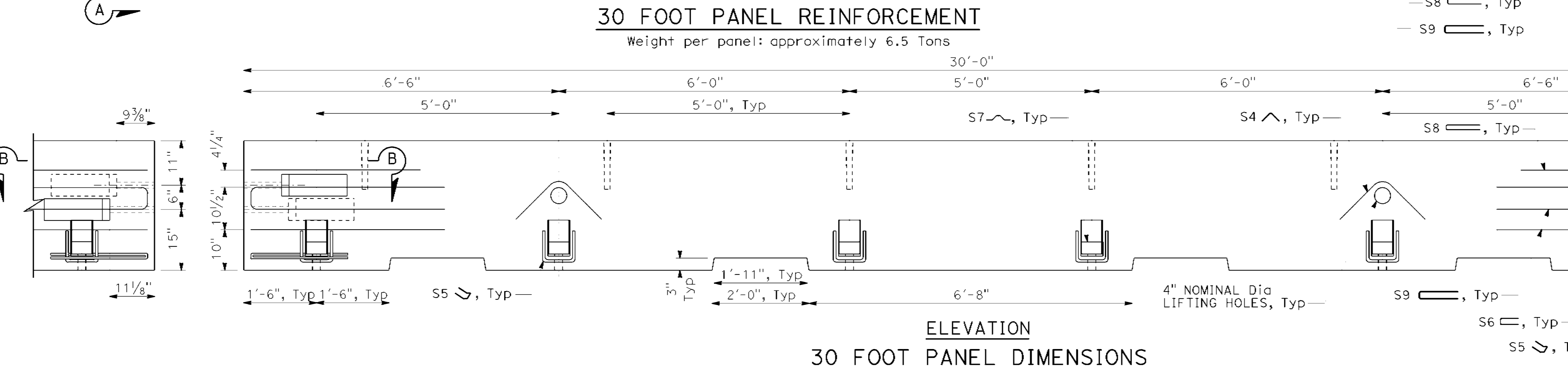
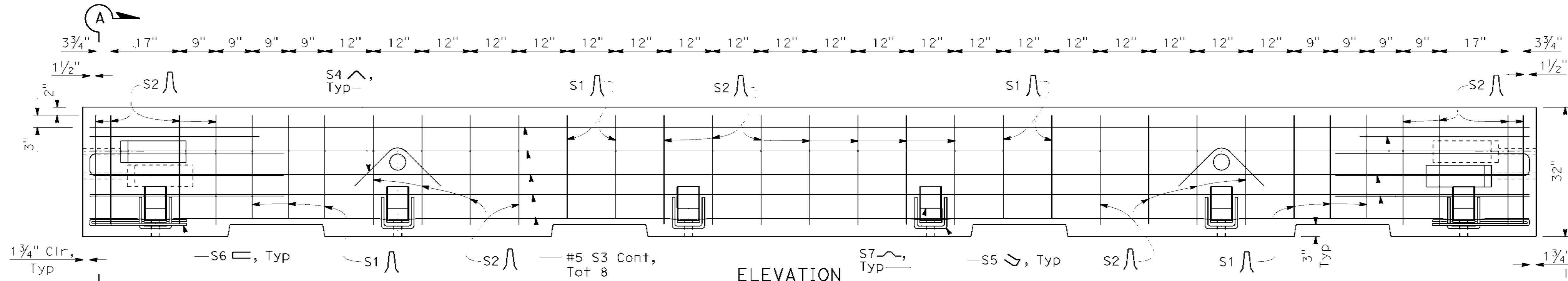
5	SLO	1	12.1	56	60
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Charles D. Suszko
REGISTERED CIVIL ENGINEER

November 18, 2022
PLANS APPROVAL DATE

Charles D. Suszko
No. C43029
Exp. 3-31-24

TO ACCOMPANY PLANS DATED May 1, 2023



- NOTES:**
1. For Section A-A and Section C-C, see Revised Standard Plan RSP T3D.
 2. For Section B-B, see Revised Standard Plan RSP T3E.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY BARRIER SYSTEM
(CROSS BOLT)**

NO SCALE

RSP T3C DATED NOVEMBER 18, 2022 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T3C

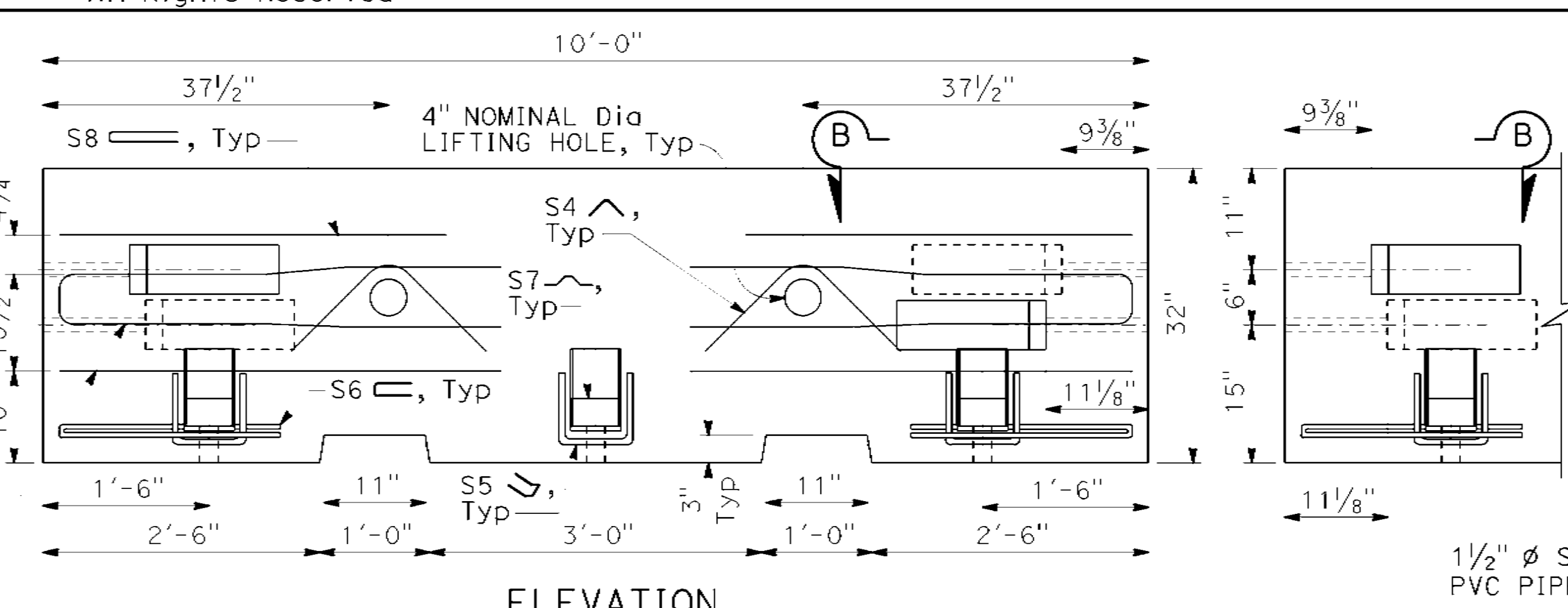
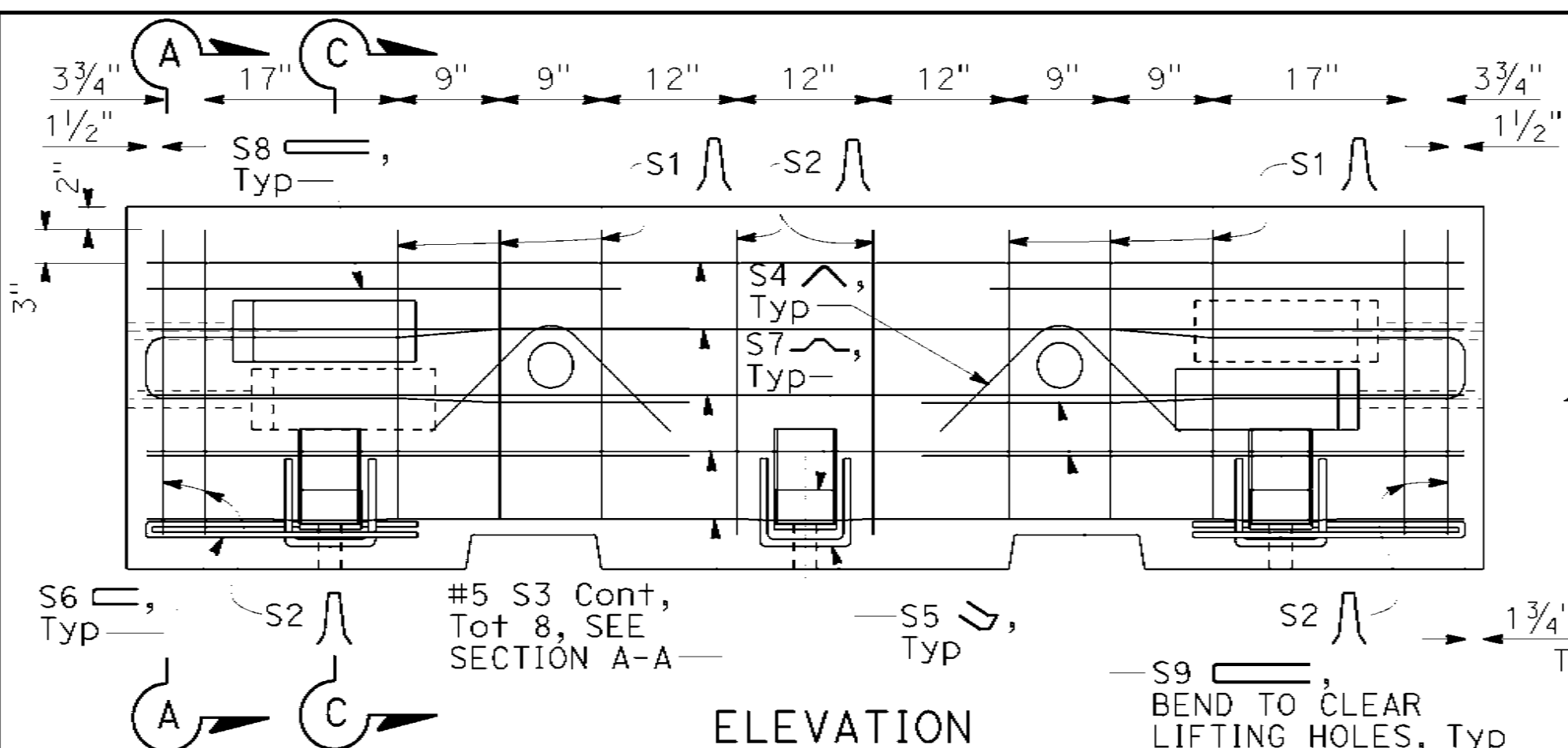
2022 REVISED STANDARD PLAN RSP T3C

5	SLO	1	12.1	57	60
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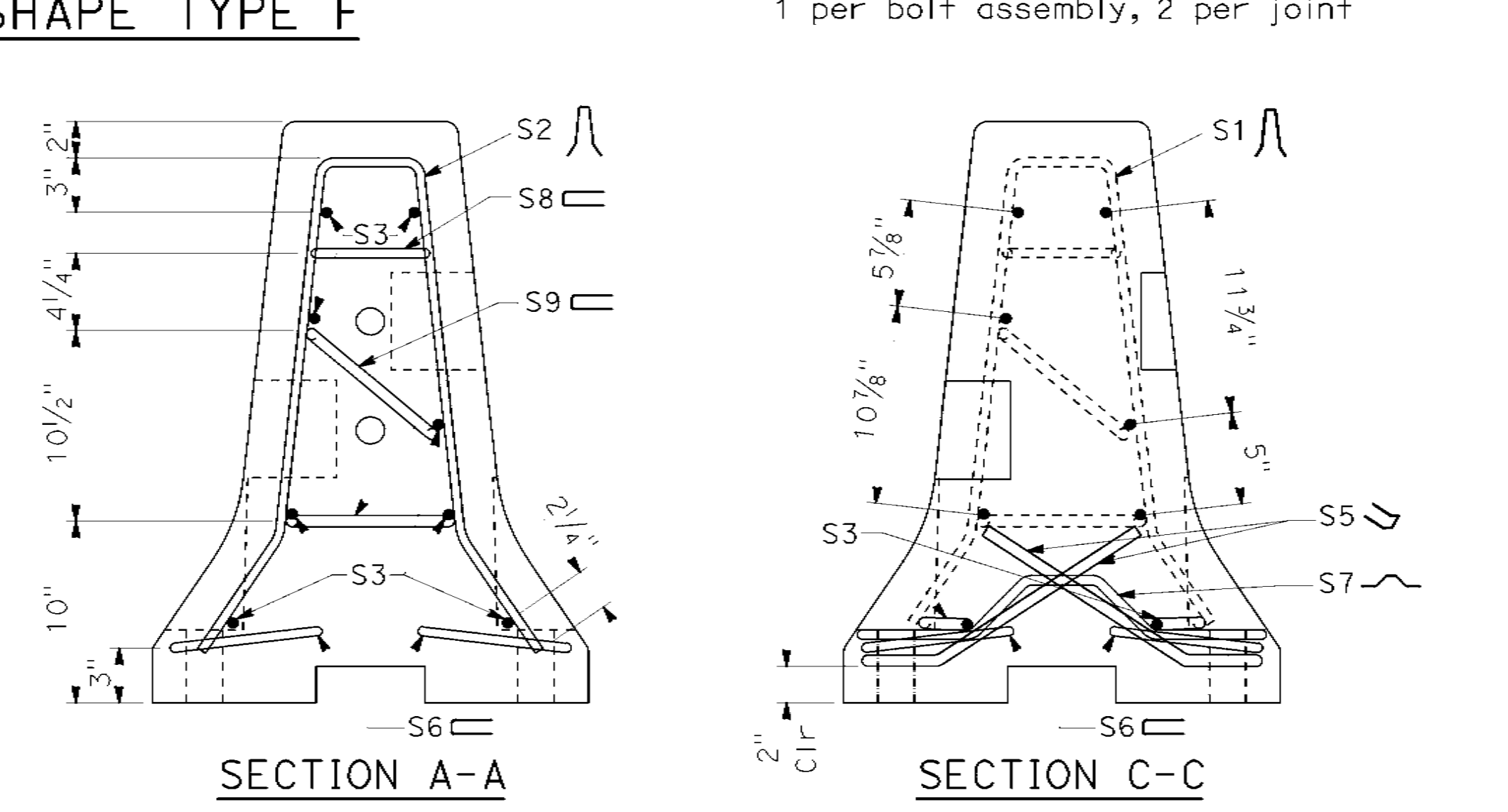
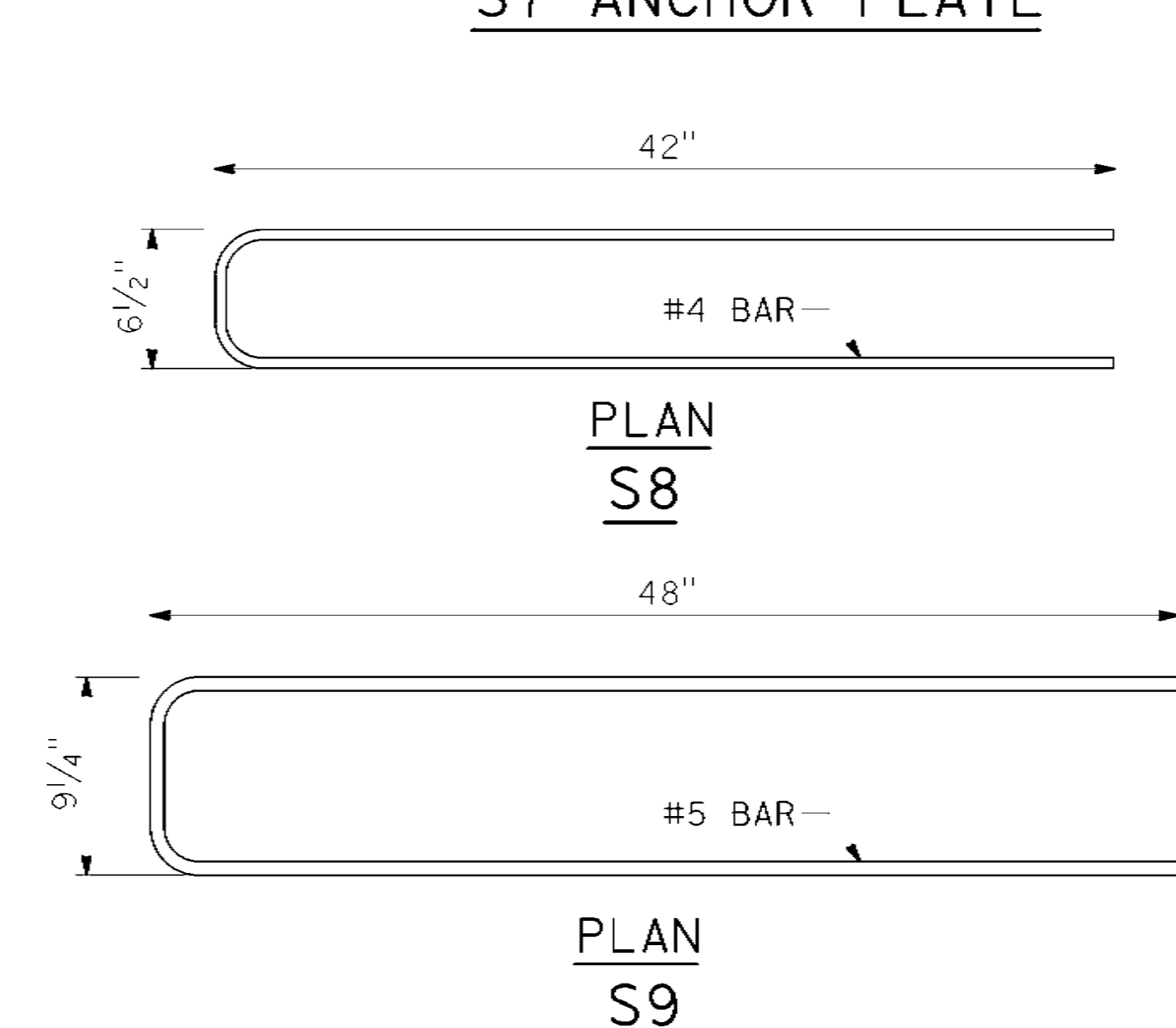
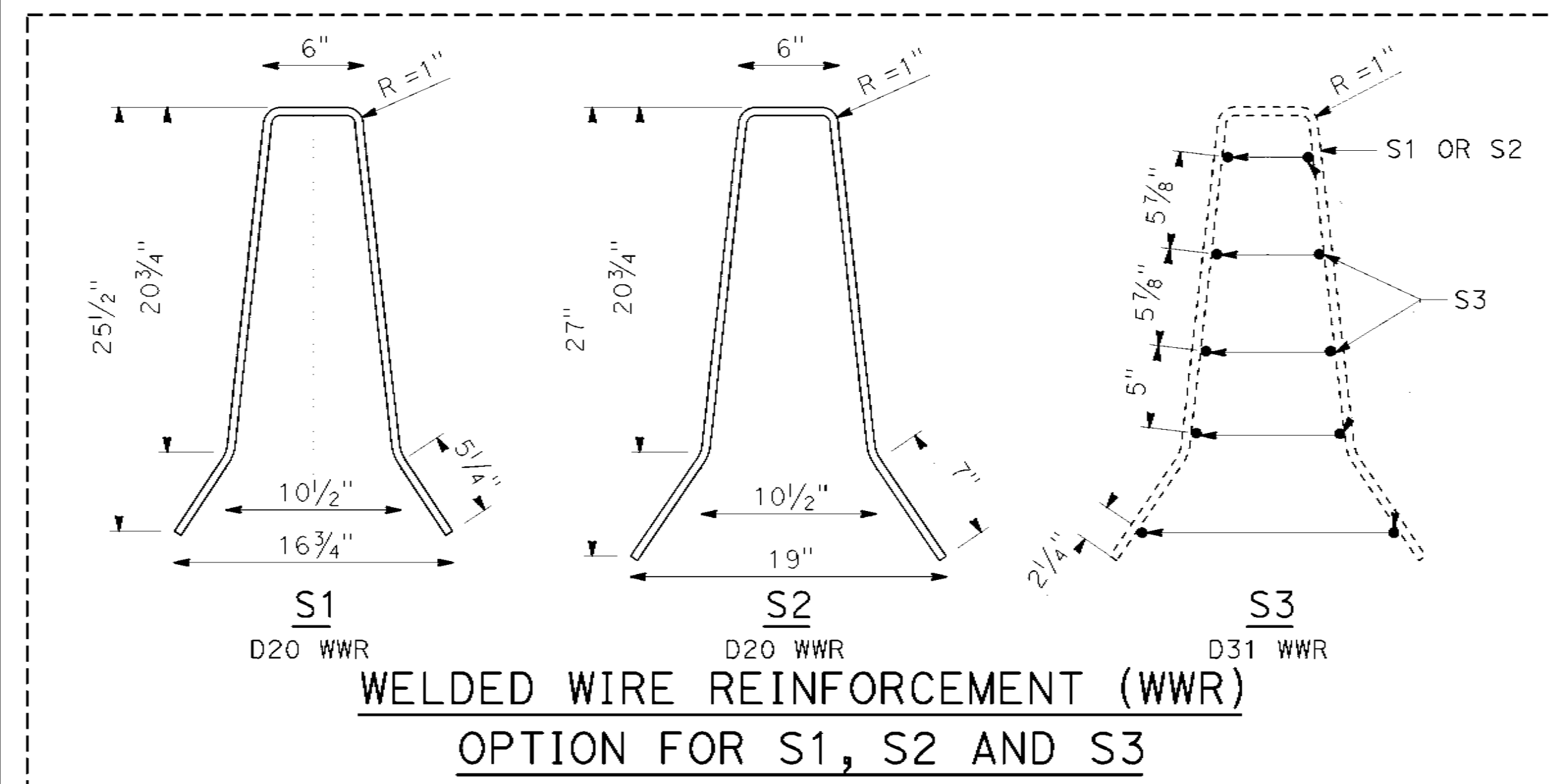
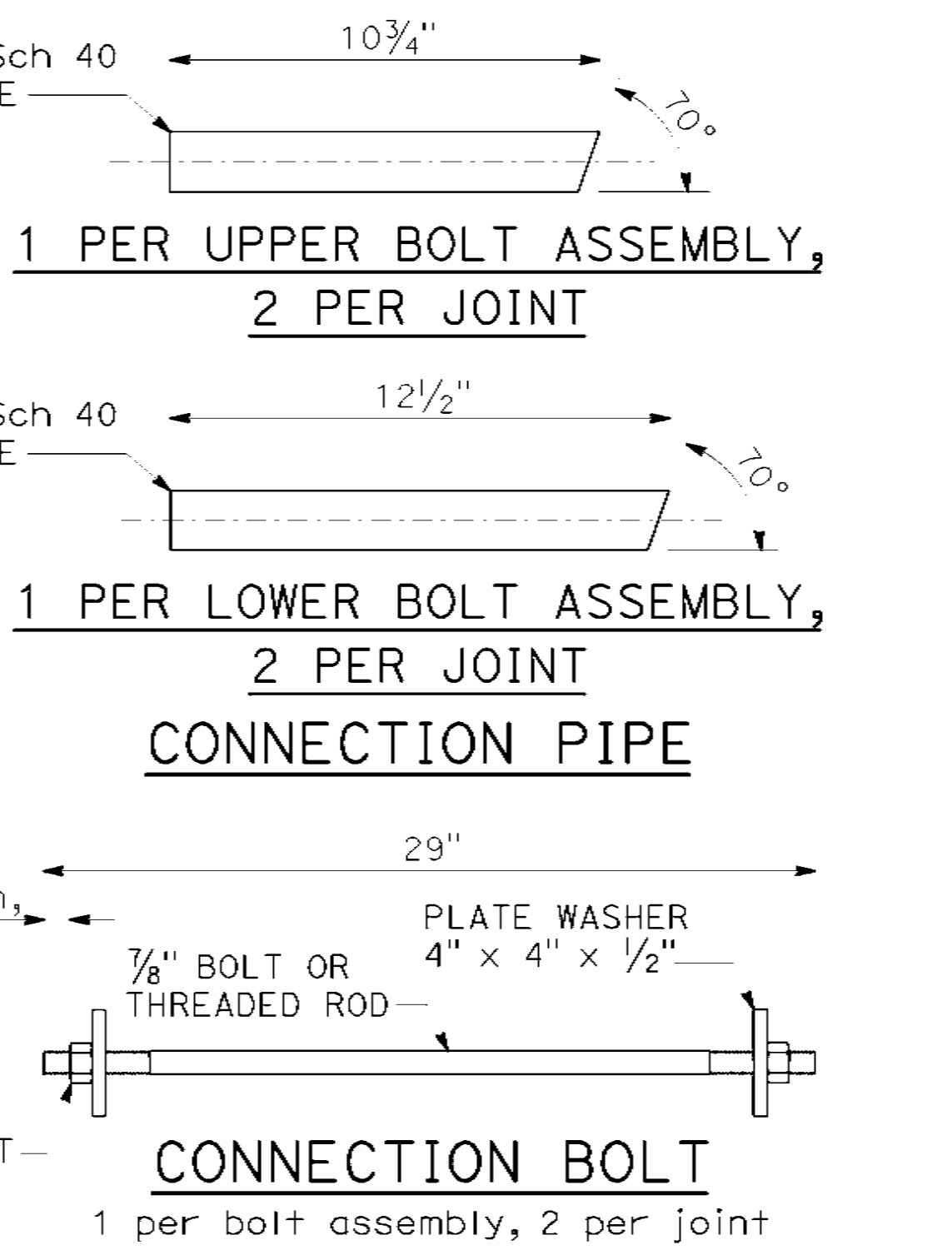
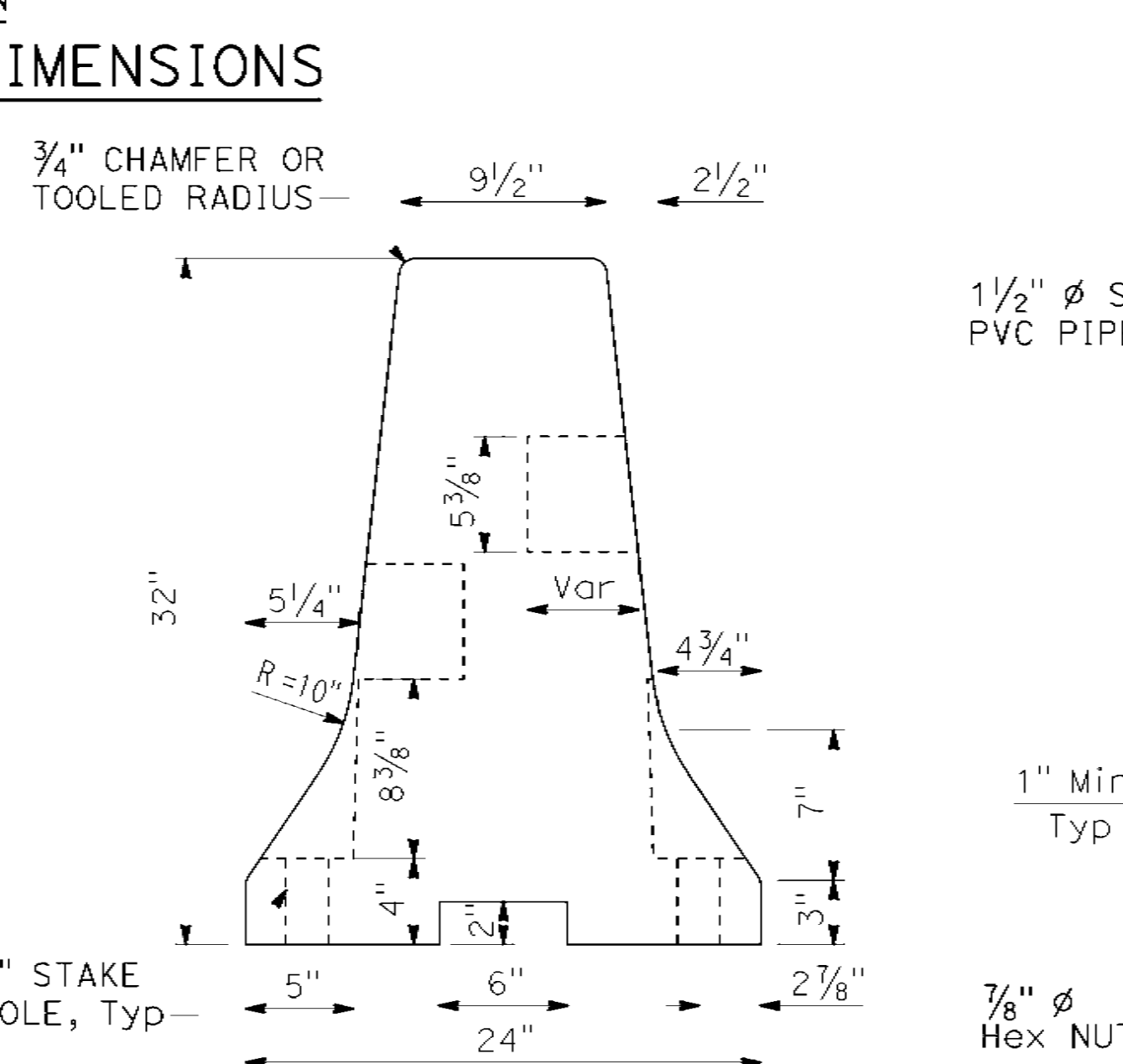
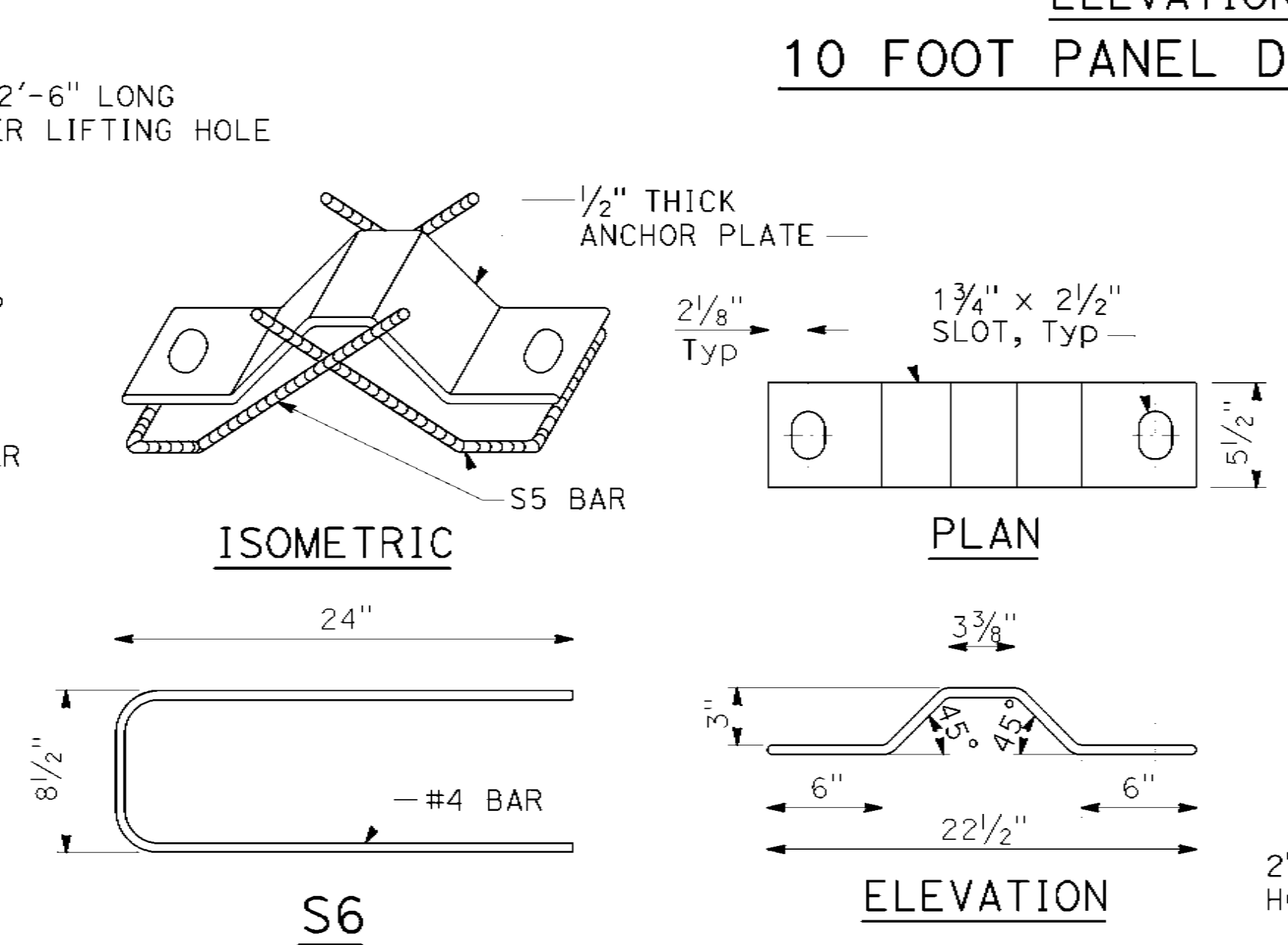
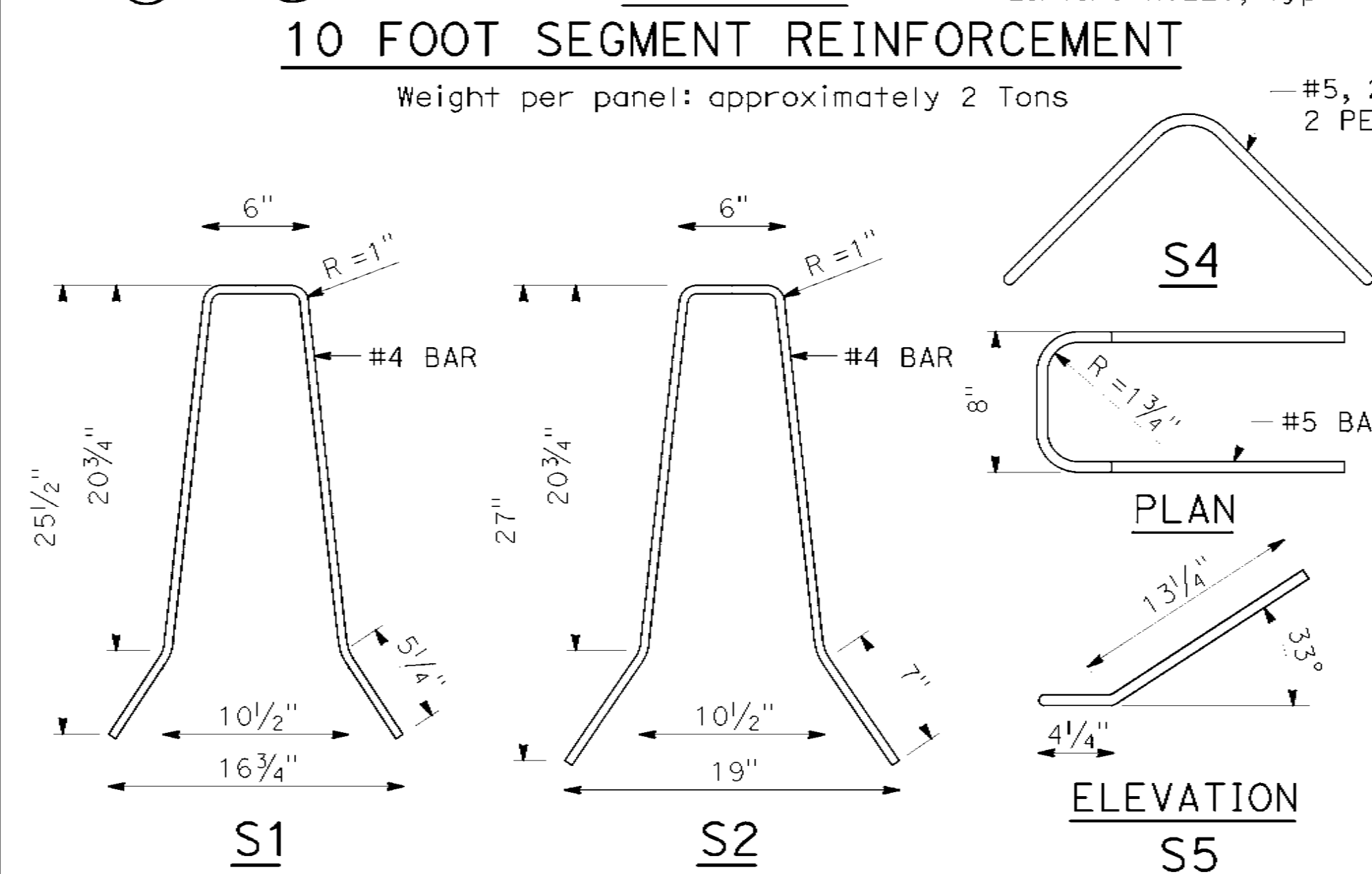
Charles D. Suszko
REGISTERED PROFESSIONAL ENGINEER

November 18, 2022
PLANS APPROVAL DATE

Charles D. Suszko
No. C43029
Exp. 3-31-24



TO ACCOMPANY PLANS DATED May 1, 2023



- NOTES:**
1. Steel reinforcement may be bent and WWR may be cut or bent to accommodate joint connection hardware, leave-outs, staking holes, drain holes, and lifting holes.
 2. Distance from the end of the barrier to the first wire must not exceed 3 inches.
 3. Steel reinforcement must have a minimum 1 inch concrete coverage.
 4. S5, S6, and S7 must be galvanized post fabrication.
 5. For Section B-B, see Revised Standard Plan RSP T3E.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY BARRIER SYSTEM
(CROSS BOLT)

NO SCALE

RSP T3D DATED NOVEMBER 18, 2022 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T3D

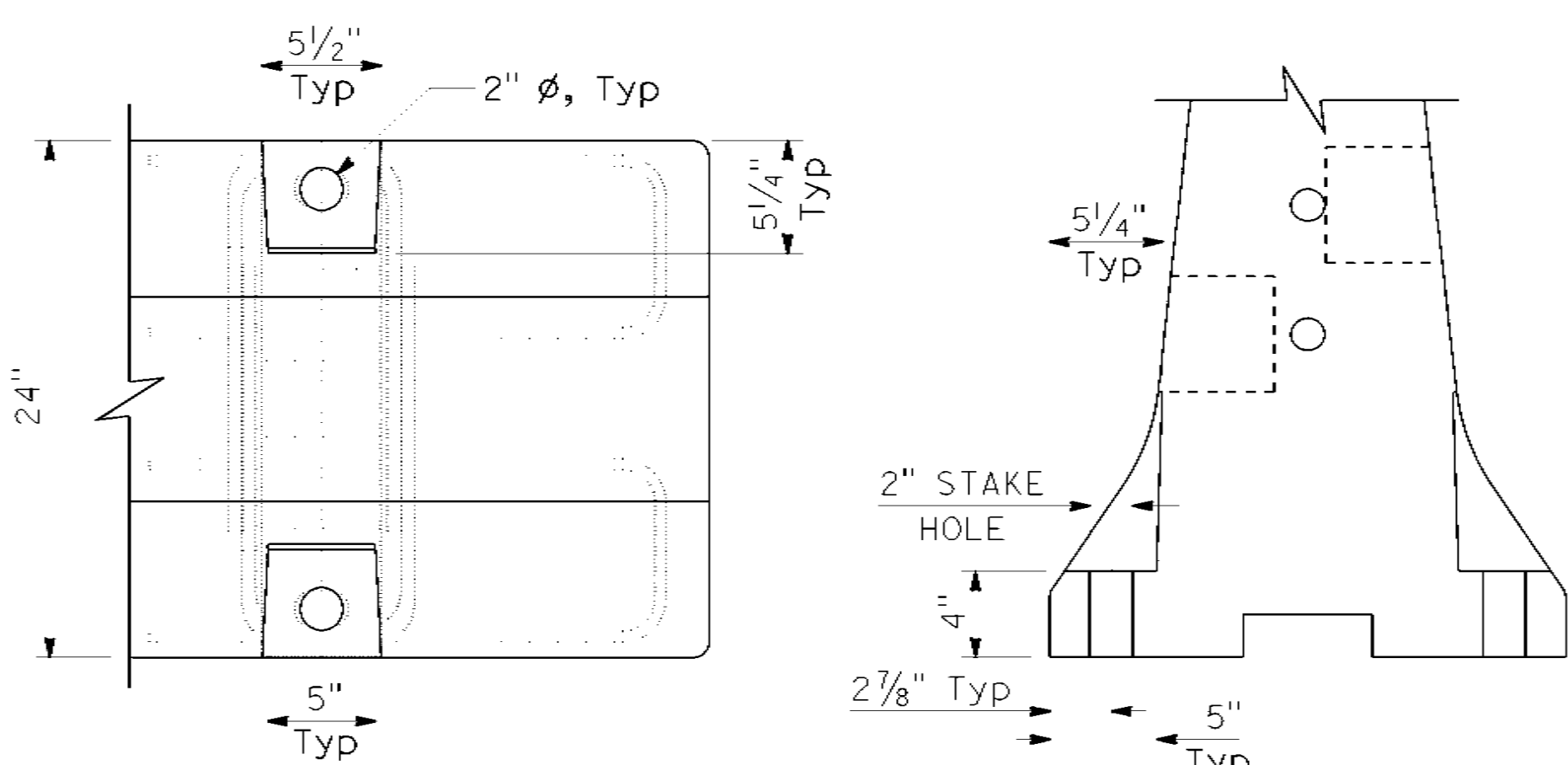
2022 REVISED STANDARD PLAN RSP T3D

5	SLO	1	12.1	58	60
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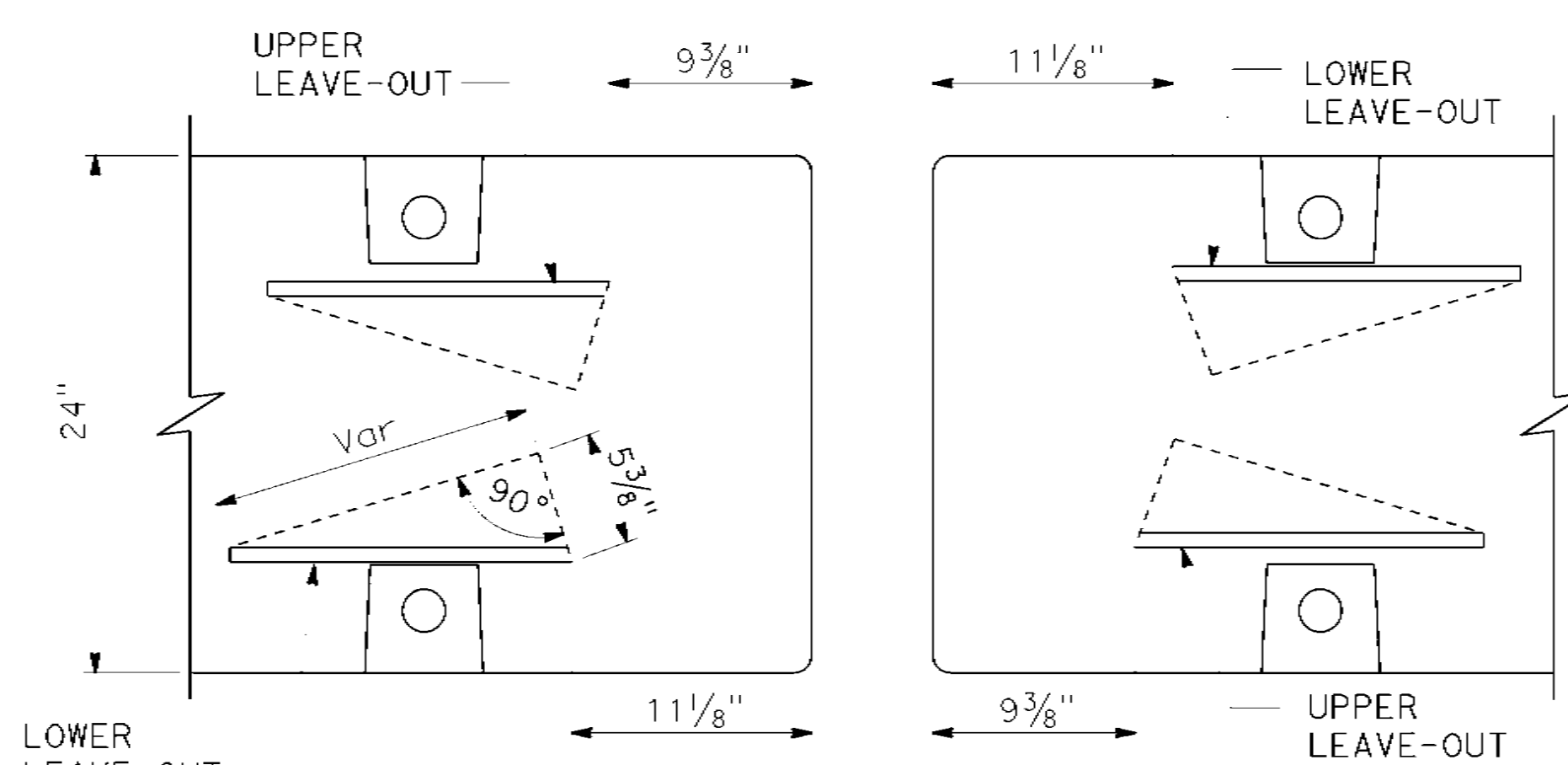
Charles D. Suszko
REGISTERED CIVIL ENGINEER

November 18, 2022
PLANS APPROVAL DATE

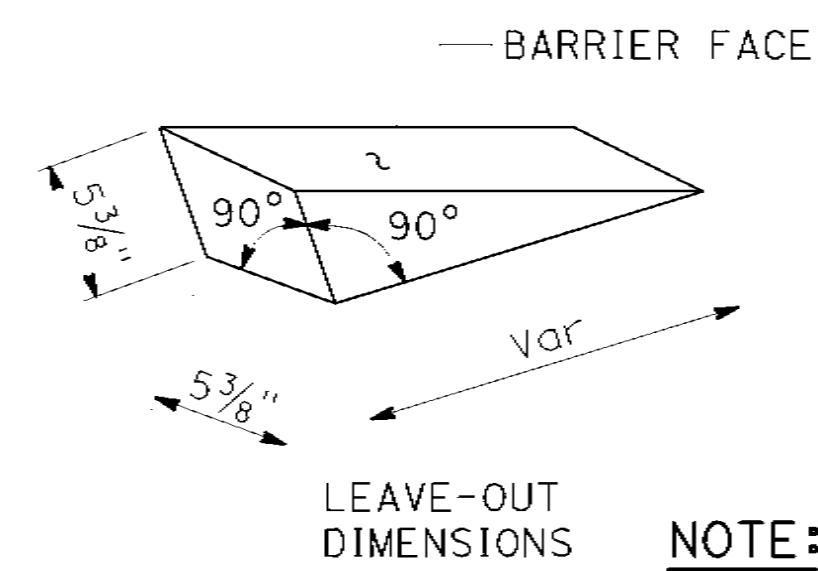
Charles D. Suszko
No. C43029
Exp. 3-31-24



STAKE HOLE DETAILS



SECTION B-B LEAVE-OUT DETAILS

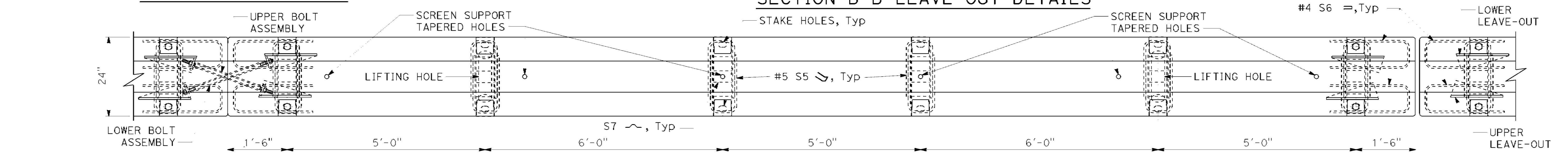


LEAVE-OUT DIMENSIONS

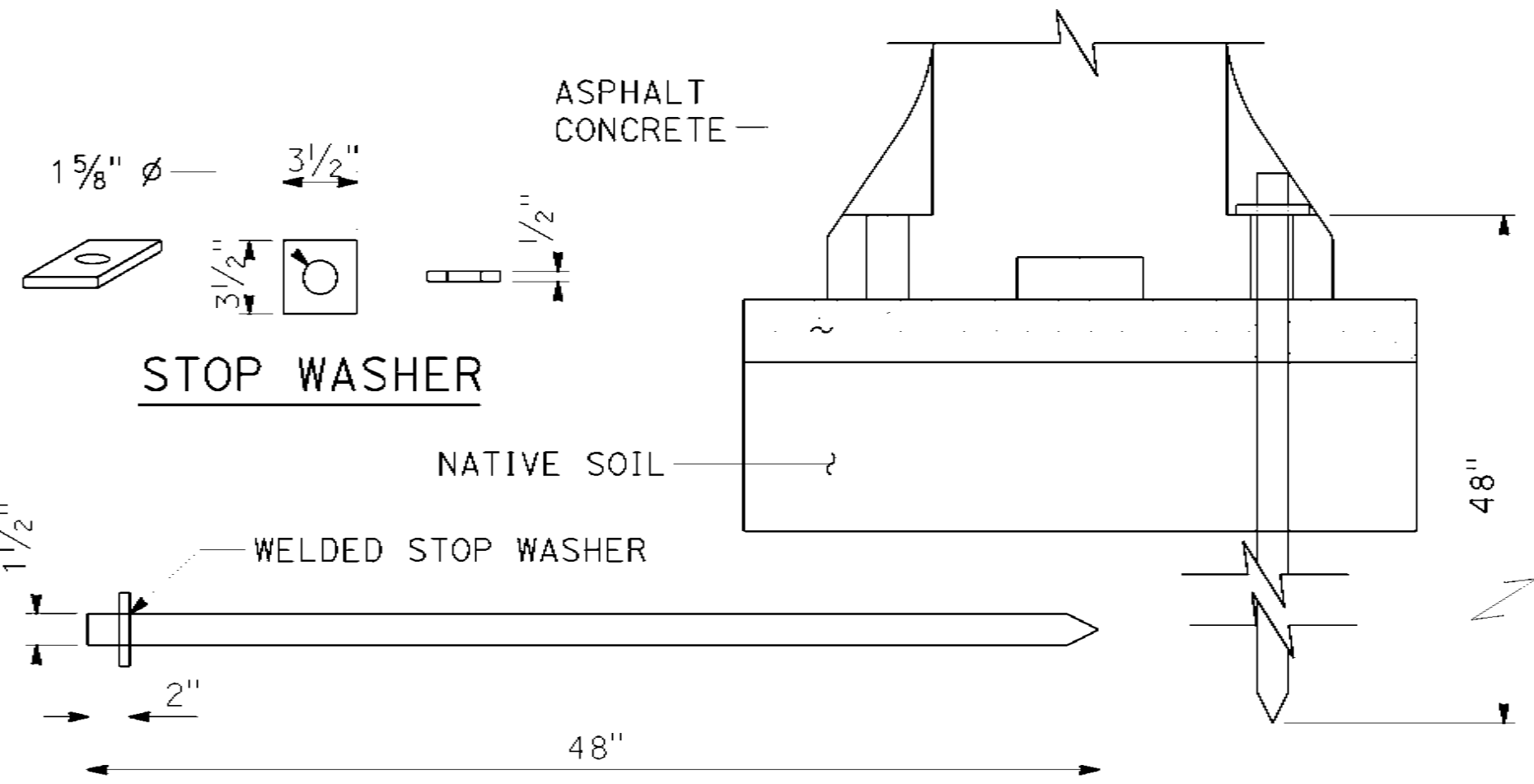
NOTE:

1. For Section B-B, see Revised Standard Plan RSP T3C.

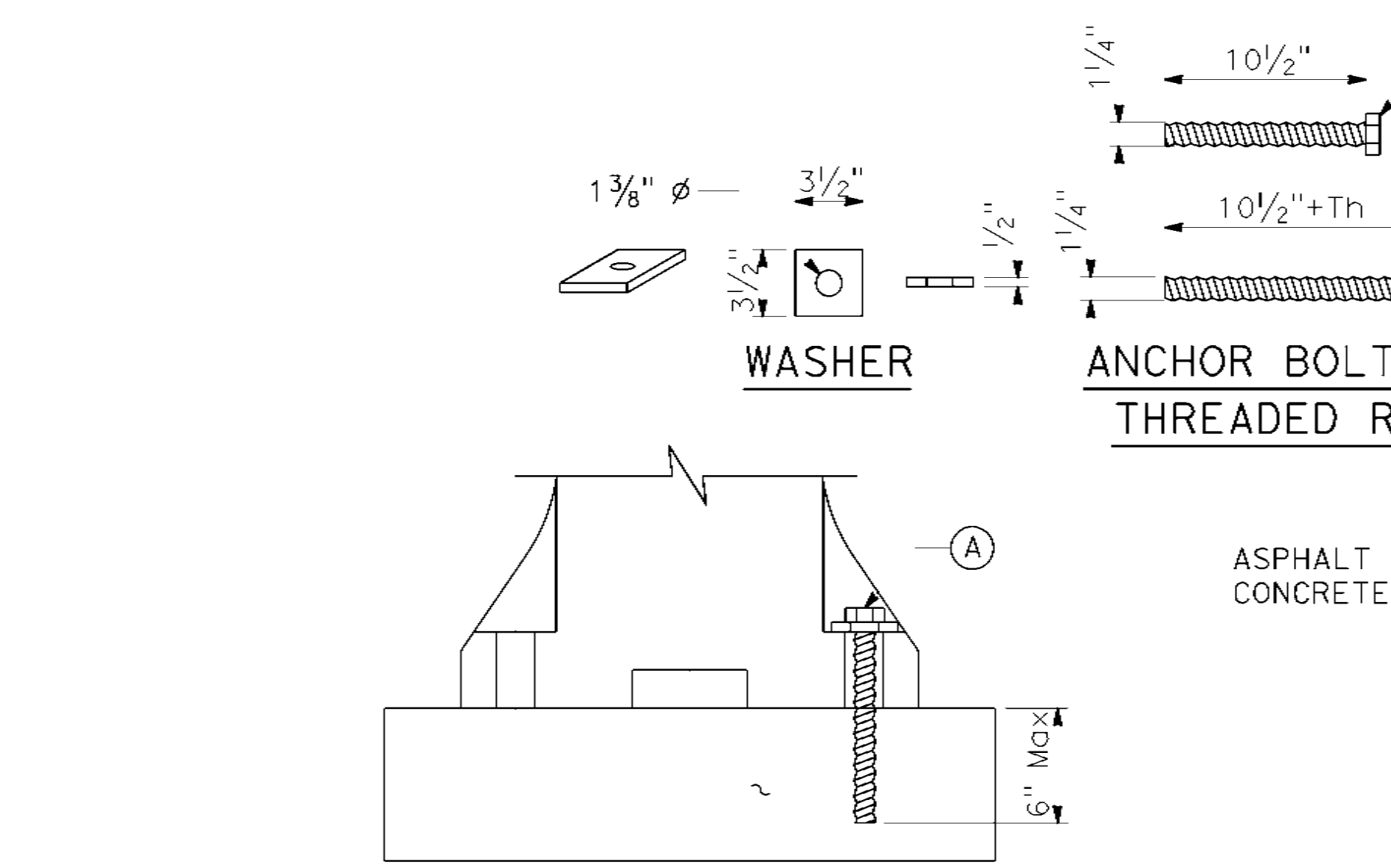
TO ACCOMPANY PLANS DATED May 1, 2023



PLAN 30 FOOT PANEL

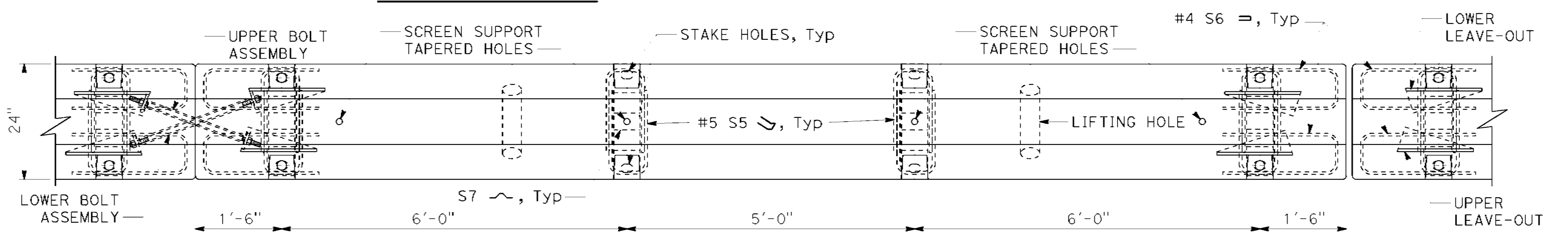


ANCHORING DETAILS

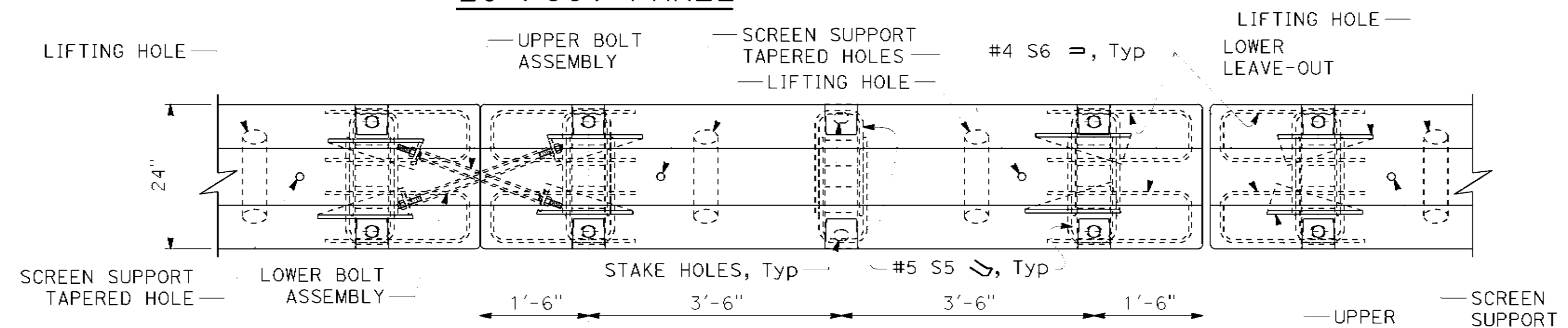


CONCRETE PAVEMENT OR BRIDGE DECK WITH ASPHALT CONCRETE OVERLAY

CONCRETE PAVEMENT OR BRIDGE DECK WITHOUT ASPHALT CONCRETE OVERLAY



PLAN 20 FOOT PANEL



PLAN 10 FOOT PANEL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY BARRIER SYSTEM
(CROSS BOLT)**

NO SCALE

RSP T3E DATED NOVEMBER 18, 2022 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2022.

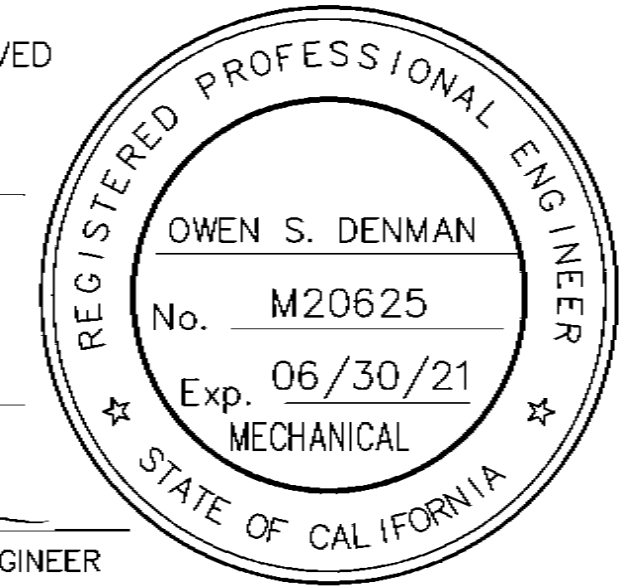
REVISED STANDARD PLAN RSP T3E

2022 REVISED STANDARD PLAN RSP T3E

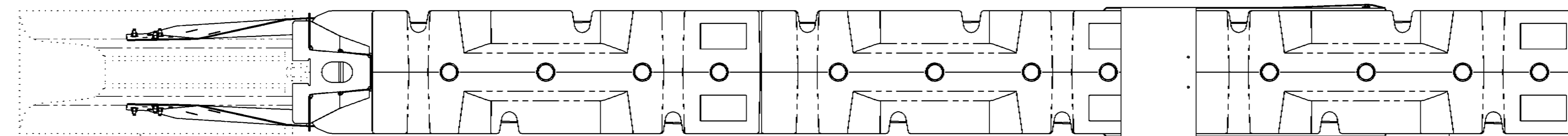
NOTES:

- SYSTEM TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- SEE ASSEMBLY AND INSTALLATION MANUAL FOR ADDITIONAL DETAILS.
- ALL STEEL COMPONENTS ARE GALVANIZED PER ASTM A123 OR EQUIVALENT UNLESS OTHERWISE STATED.
- USE MINIMUM OF 3 ANCHORS PER TRANSITION STRAP. UTILIZE HIGHEST AND LOWEST BOLT HOLE WHERE PRACTICAL.
- FIRST ELEMENT IS ALWAYS EMPTY.
- THE STANDARD ABSORB-M TRANSITION STRAPS CAN BE USED WITH CONCRETE BARRIERS OF DIFFERENT PROFILES, INCLUDING NJ AND F-SHAPE.
- THE SYSTEM CAN BE INSTALLED ON CONCRETE, ASPHALT, OR COMPACTED SUBBASE WITH A MAXIMUM CROSS SLOPE OF 8%.
- SYSTEM TO BE PLACED OUTSIDE OF OBSTRUCTION FREE ZONE PER STATE OR LOCAL AGENCY GUIDANCE.

DATE THIS PLAN APPROVED
5-14-21



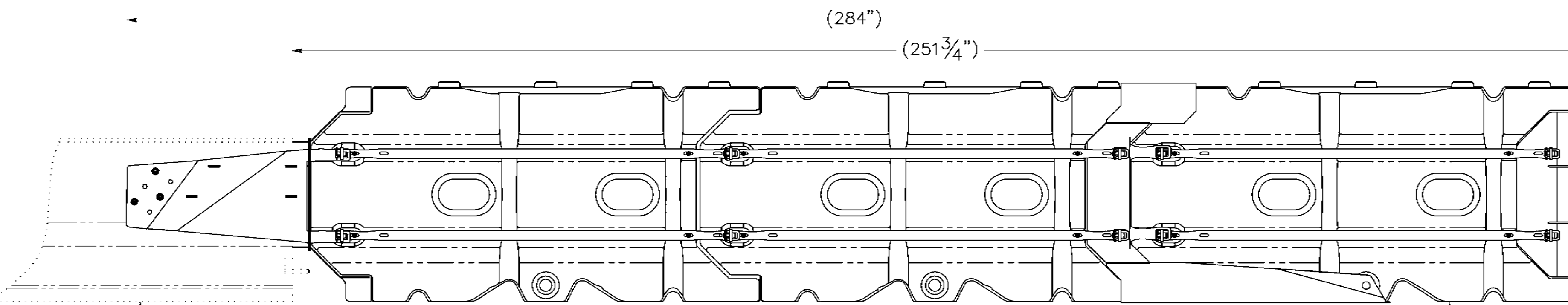
ITEM	PART NUMBER	DESCRIPTION	QTY	
			TL-3	TL-2
MASH ABSORB TL-3 & TL-2 SYSTEM COMPONENTS				
1	BSI-1808014-00	NOSE PLATE, ABSORB-M	1	1
2	BSI-1808006-00	ELEMENT ASSEMBLY, ABSORB-M	3	2
3	BSI-1808005-00	PIN ASSEMBLY, ABSORB-M	10	8
4	BSI-1809035-00	MIDNOSE, GALVANIZED, ABSORB-M	1	1
5	BSI-1809036-00	TRANSITION, GALVANIZED	1	1
6	BSI-1809037-00	TRANSITION STRAP, LH, GALVANIZED	1	1
7	BSI-1809038-00	TRANSITION STRAP, RH, GALVANIZED	1	1
8	BSI-2002001	ANC. MECH. 5/8-11 x 6 GAL	6	6



— TEMPORARY CONCRETE BARRIER.

PLAN

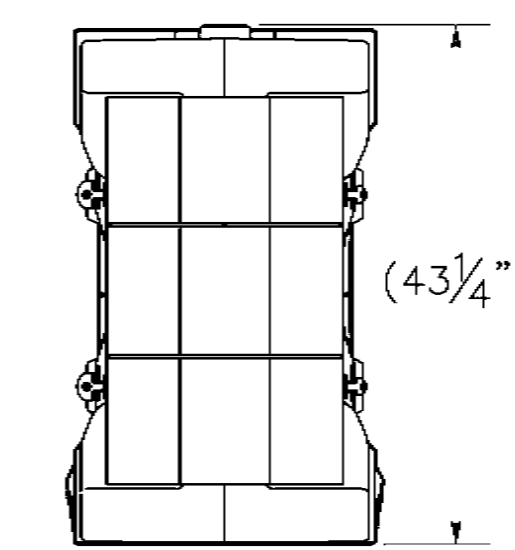
FIRST ELEMENT IS ALWAYS EMPTY.



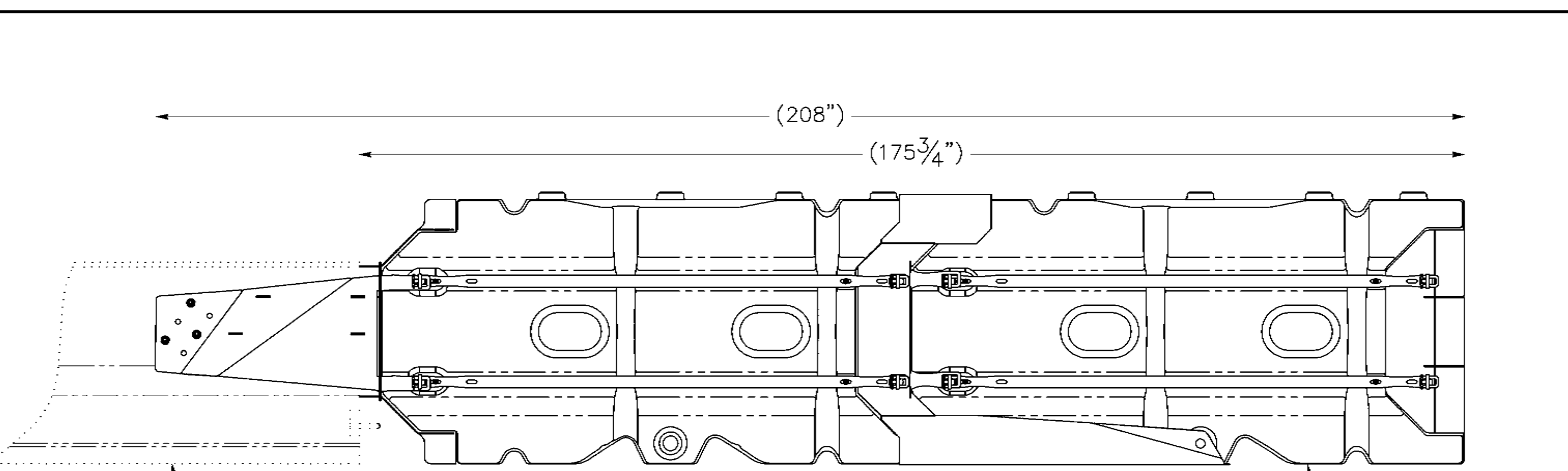
— TEMPORARY CONCRETE BARRIER.

ELEVATION

FIRST ELEMENT IS ALWAYS EMPTY.



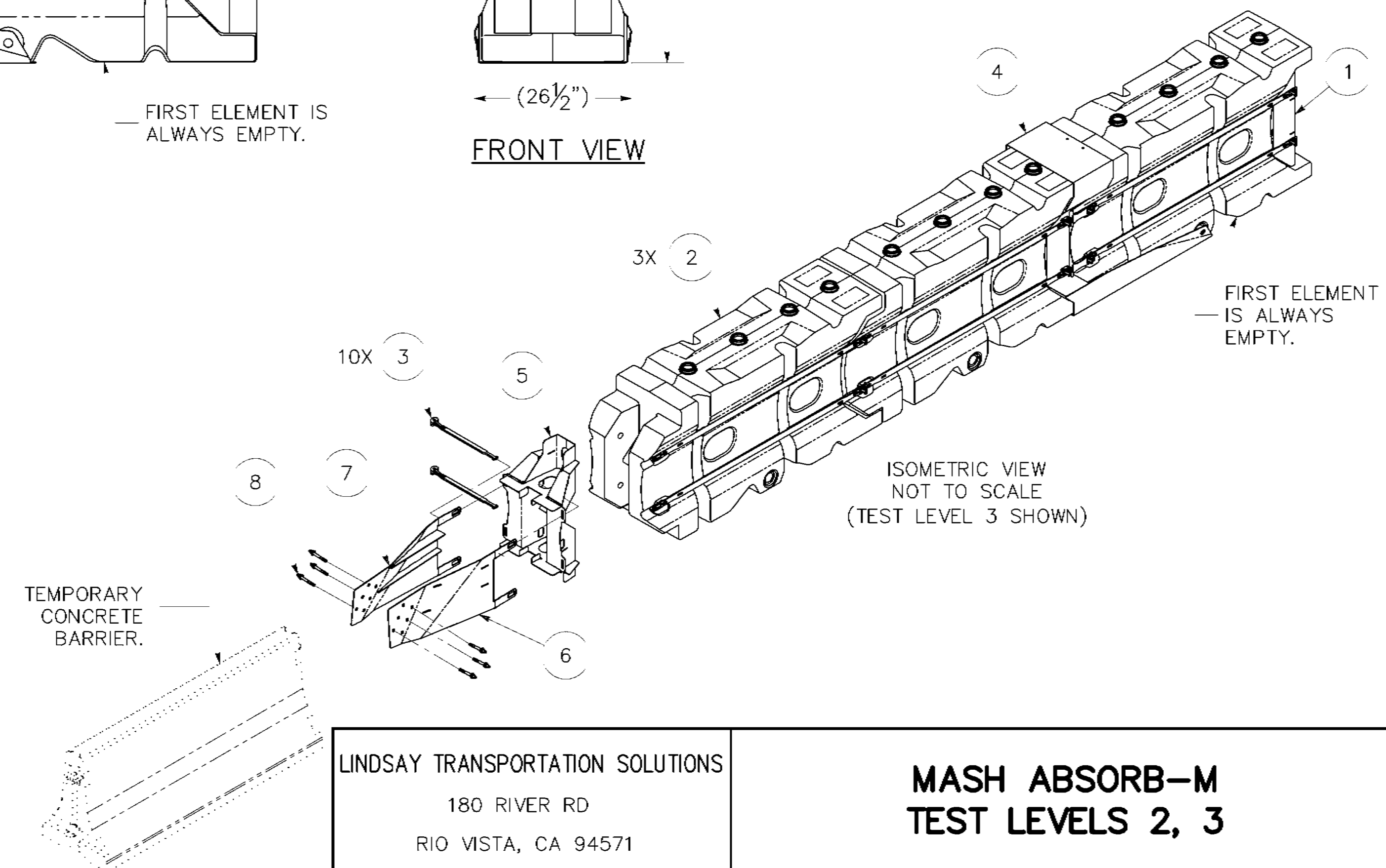
FRONT VIEW



— TEMPORARY CONCRETE BARRIER.

TL-2 ELEVATION

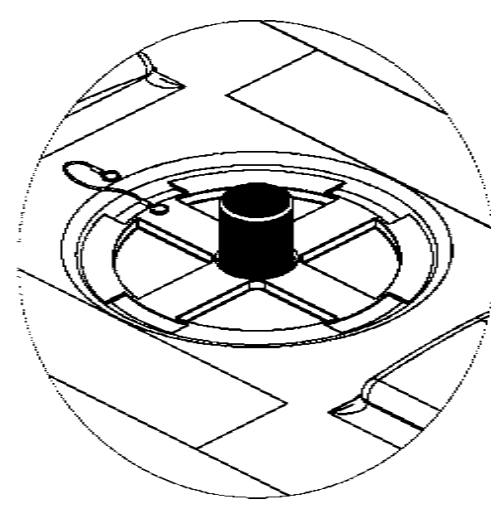
FIRST ELEMENT IS ALWAYS EMPTY.



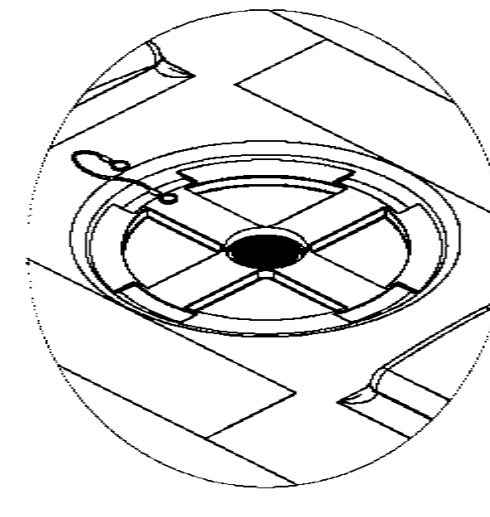
LINDSAY TRANSPORTATION SOLUTIONS
180 RIVER RD
RIO VISTA, CA 94571

**MASH ABSORB-M
TEST LEVELS 2, 3**

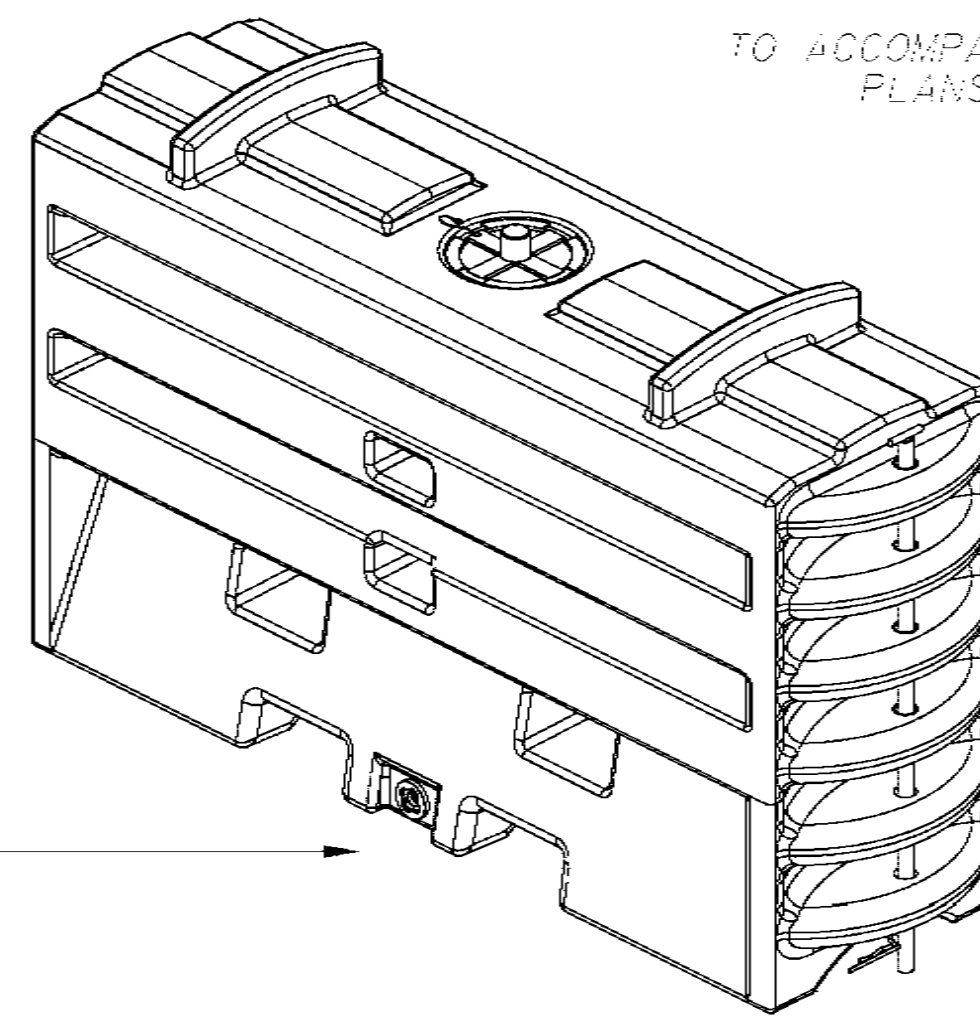
- NOTES:
1. THE SLED SYSTEM IS A NON-PEDICTIVE, BATING CRASH CUSHION THAT DOES NOT NEED TO BE ATTACHED TO THE GROUND AND CAN BE INSTALLED ON ANY SURFACE, INCLUDING UNCOMPACTED SOIL.
 2. THE SLED SYSTEM IS NOT TO BE FILLED WITH WATER AND THERE ARE NO HOLES OR CRACKS IN THE SLED SYSTEM.
 3. THIS SLED SYSTEM IS NOT TO BE USED IN A SLED SYSTEM.
 4. SYSTEM TO BE USED OUTSIDE OF OBSTRUCTION FREE ZONE PER STATE OR LOCAL AGENCY REQUIREMENTS.
 5. THE SLED SYSTEM IS NOT TO CONFORM TO MULTIPLE BARRIER SHAPES SUCH AS SUB-ROCK, P-SHAPE, JERSEY BARRIER, SMO, OR OTHER BARRIER TYPES.
 6. THE SLED SYSTEM CAN BE MOVED TO FREE STANDING AND ANCHORED BARRIERS.
 7. SEE SLED INSTALLATION MANUAL FOR DETAILED INSTALLATION INSTRUCTIONS AND PERFORMANCE CHARACTERISTICS. COPIES OF THE MANUAL ARE AVAILABLE AT WWW.TRAFFIXDEVICES.COM



SLED MODULE FULL



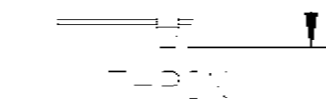
SLED MODULE EMPTY OR NOT FILLED TO TOP



TO ACCOMPANY CONTRACT PLANS DATED May 1, 2023



38 1/2"



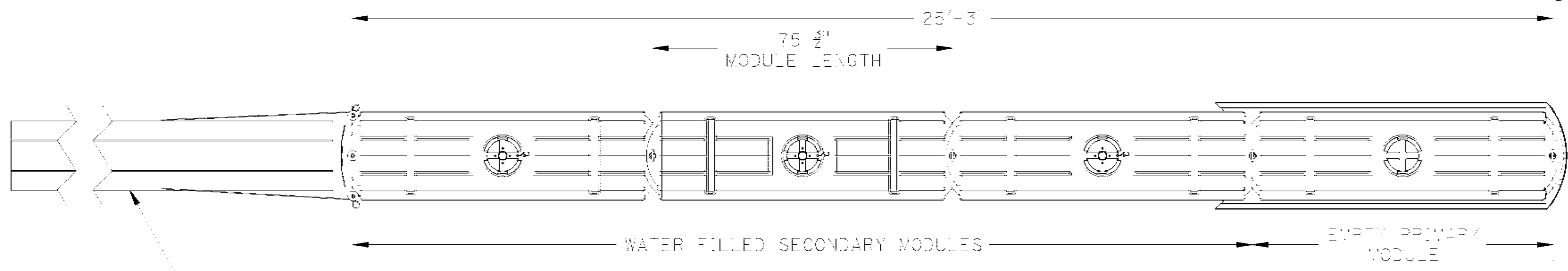
30 1/2"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
5	SLO	1	12.1	60 60

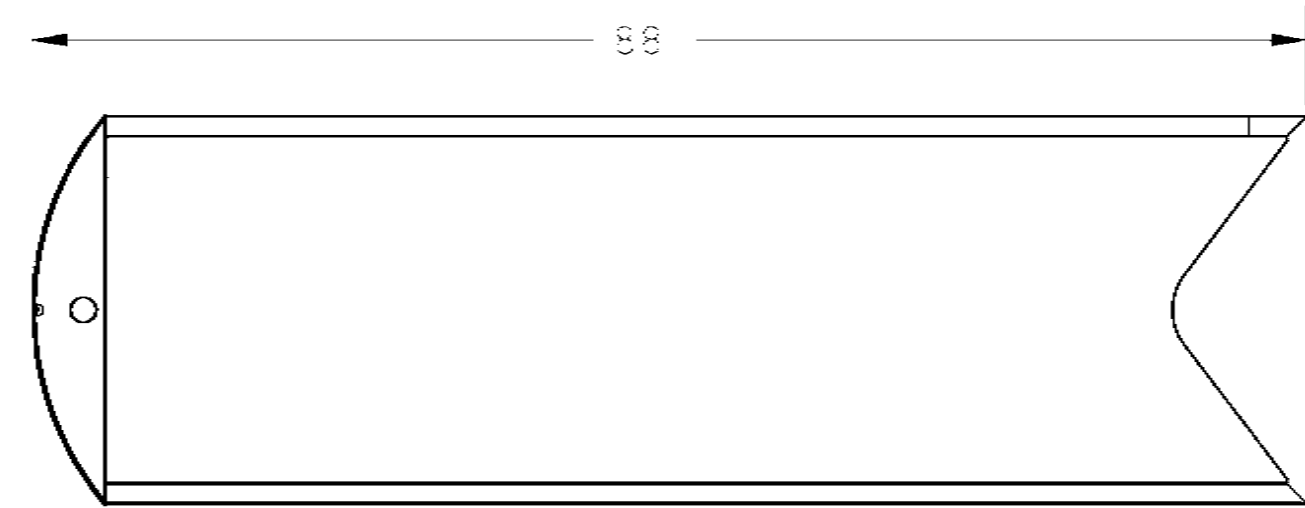
DATE THIS PLAN APPROVED
5-24-23

REGISTERED PROFESSIONAL ENGINEER
CLIFFORD M. STOVER
No. M32459
Exp. 09-30-21
MECHANICAL
STATE OF CALIFORNIA

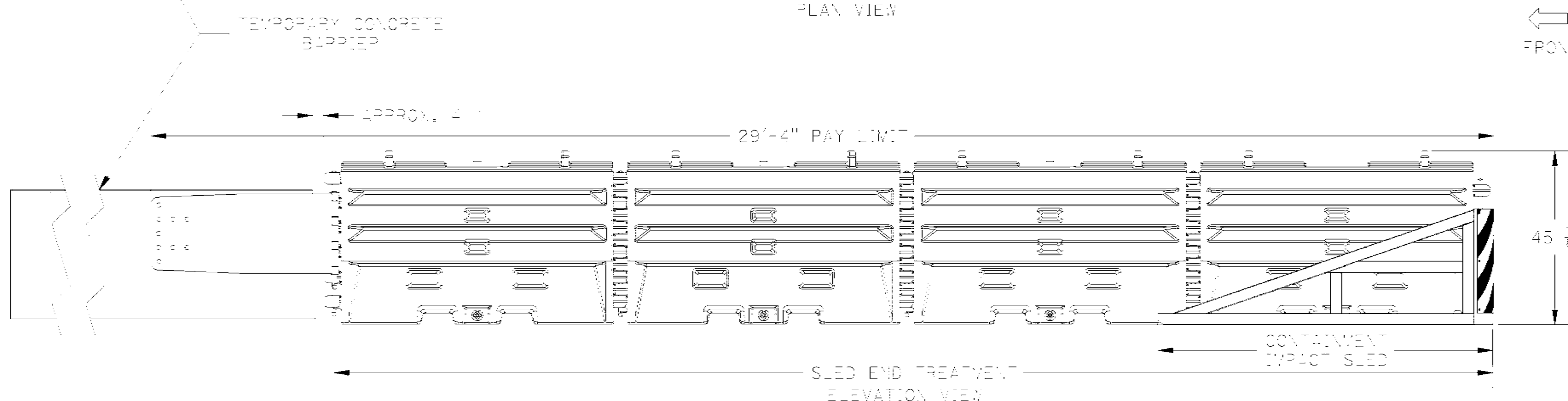
Clifford M. Stover 05/21/23
REGISTERED MECHANICAL ENGINEER



PLAN VIEW

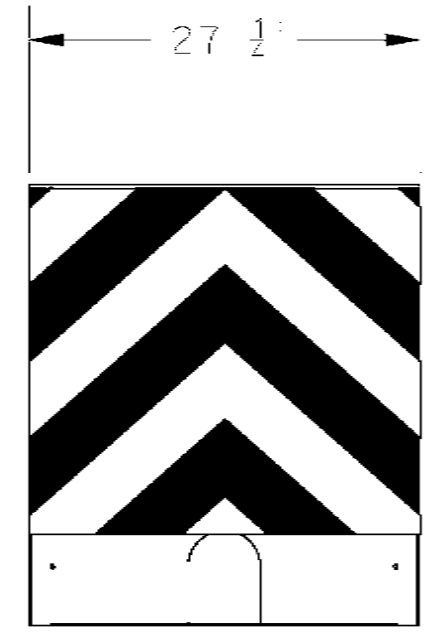


PLAN VIEW

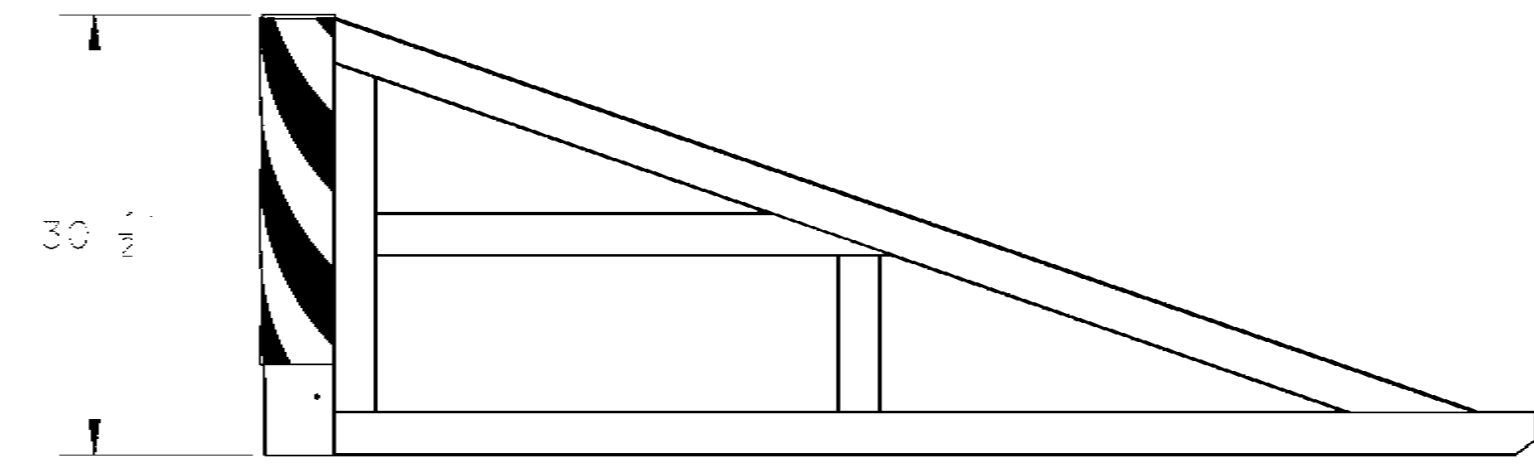


SLED END TREATMENT ELEVATION VIEW

FRONT

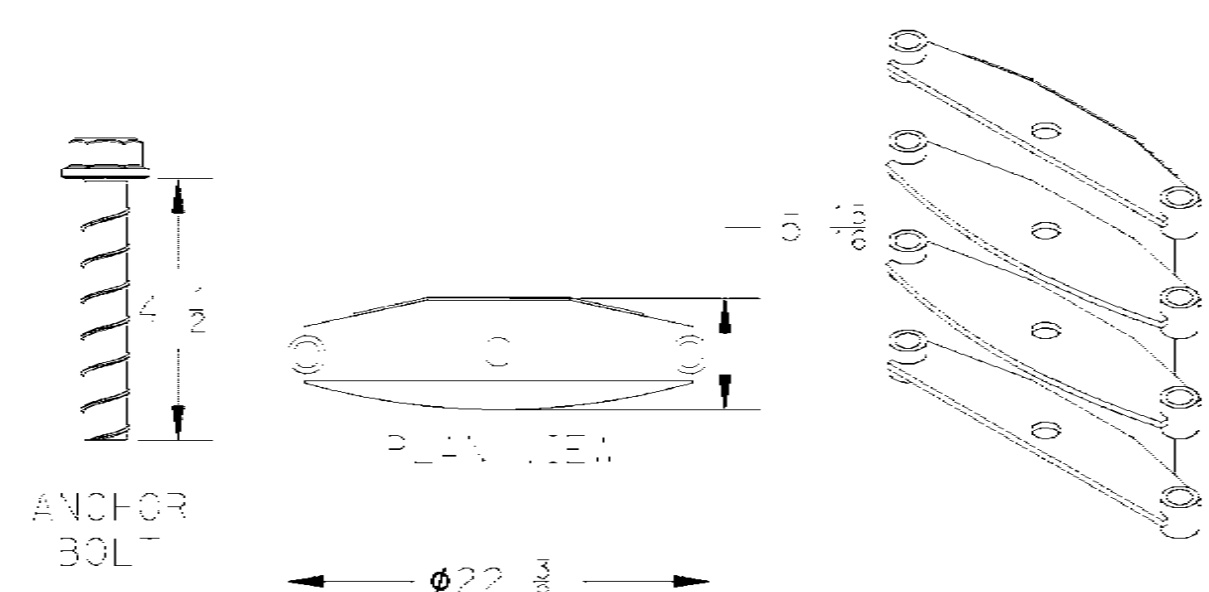
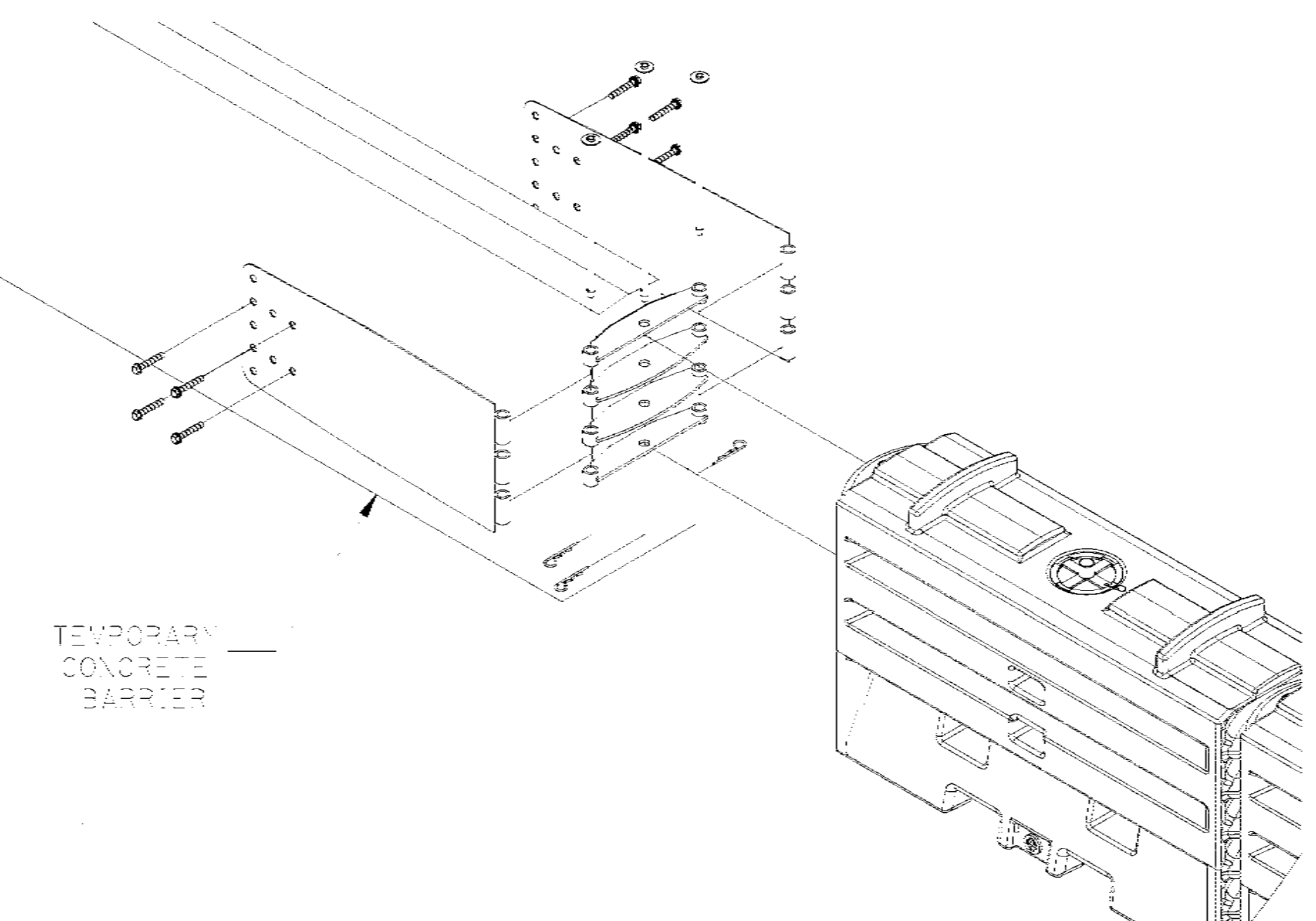


FRONT VIEW



ELEVATION VIEW

CONTAINMENT IMPACT SLED (CIS)



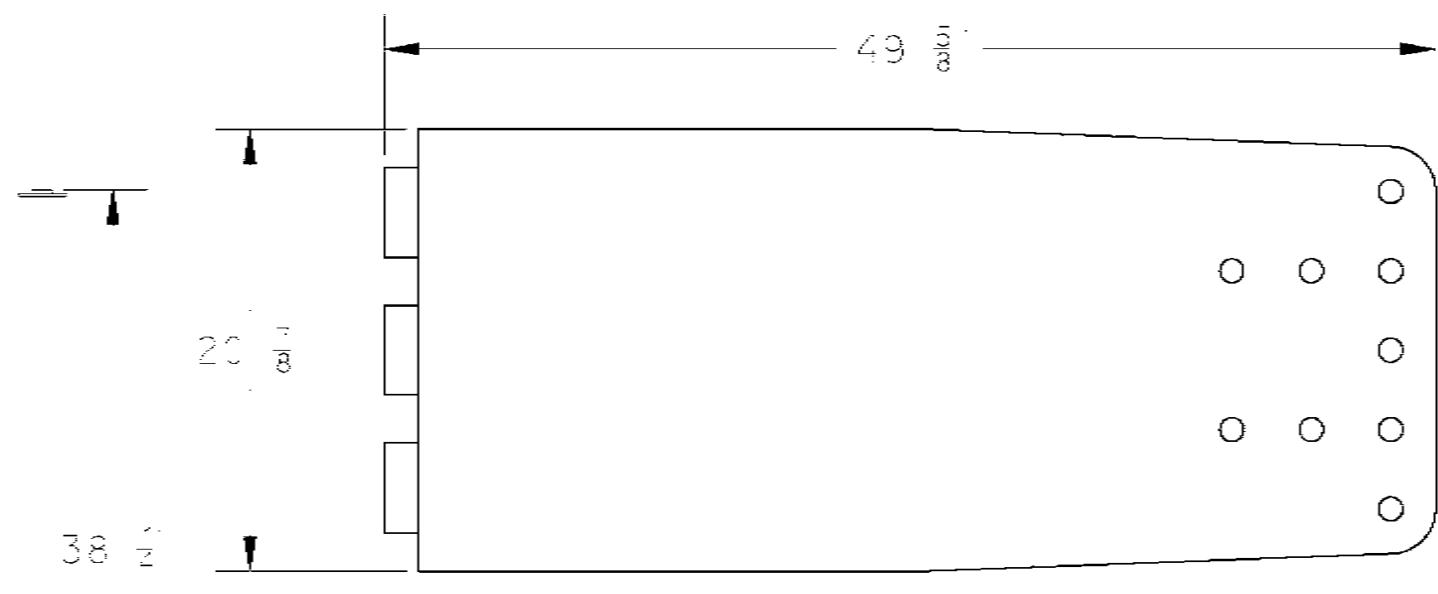
ANCHOR BOL

PLAN VIEW

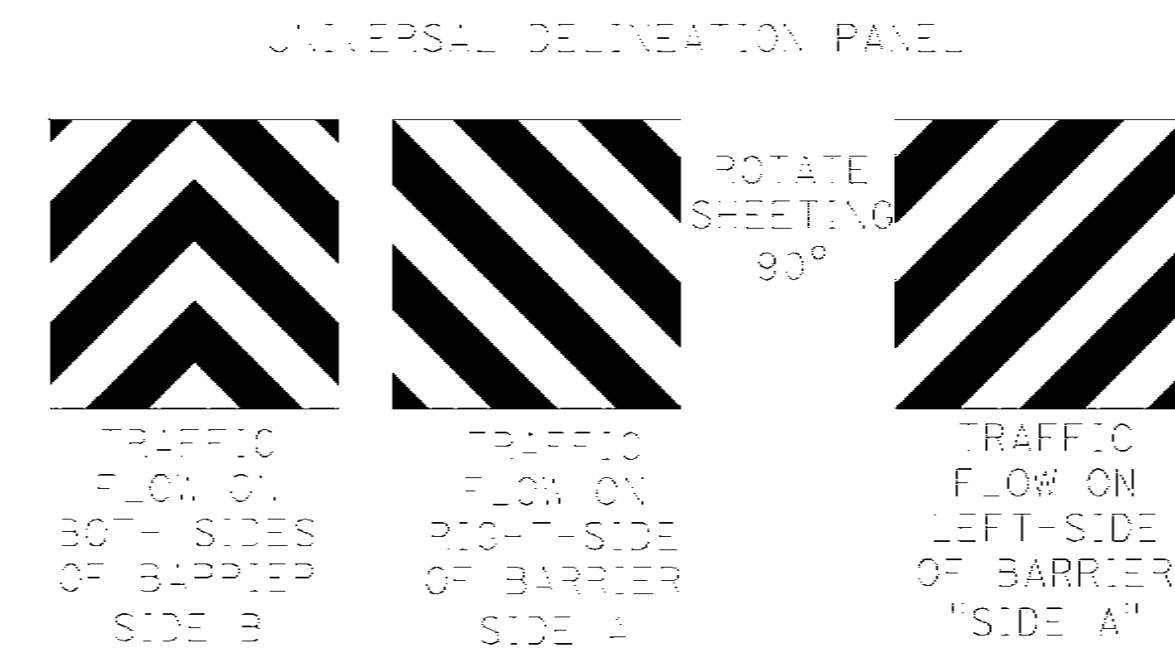
TRANSITION FRAME ELEVATION VIEW

SHORT OUTSIDE TRANSITION PIN W/ KEEPER

LONG CENTER TRANSITION PIN W/ KEEPER



TRANSITION PANEL ELEVATION VIEW



UNIVERSAL DELINEATION PANEL

TraFFix Devices, Inc. 160 Avenida La Paro San Clemente, CA 92673	SLED TL3 SYSTEM WATER FILLED END TREATMENT	
	DRAWING No./Revision: SLED-CMB-TL3-RA	SHEET 1 OF 1
UNIT 3342	PROJECT NUMBER & PHASE	0000000001

Caltrans

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

APPROVED PLAN FOR CALTRANS USE