

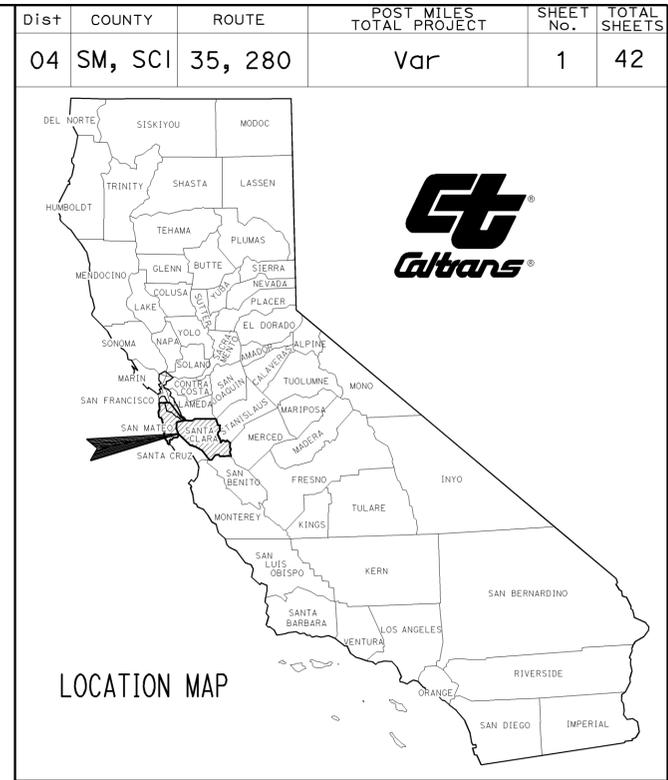
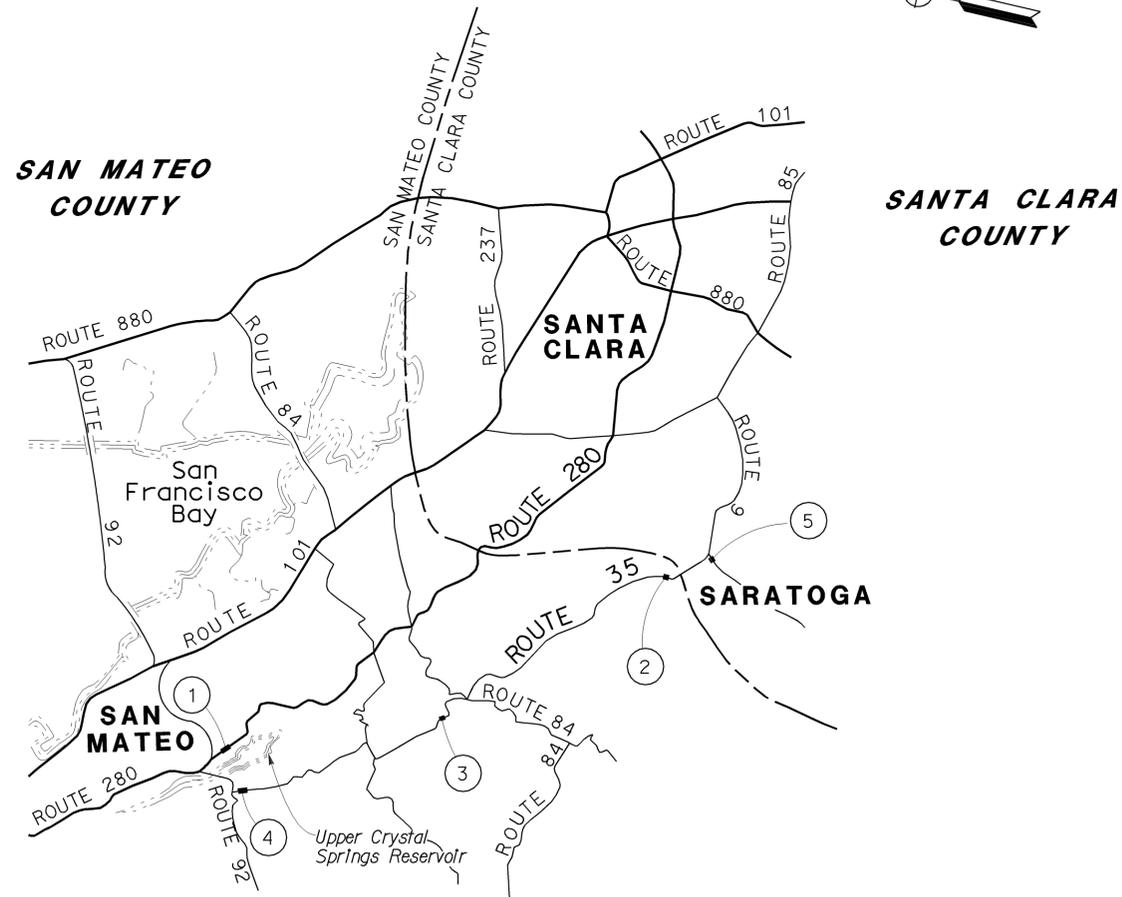
INDEX OF PLANS

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1	TITLE AND LOCATION MAP
2-3	TYPICAL CROSS SECTIONS
4-8	LAYOUT
9-13	CONSTRUCTION DETAILS
14	EROSION CONTROL PLAN,
15-16	CONSTRUCTION AREA SIGNS
17-23	PAVEMENT DELINEATION PLAN, DETAIL AND QUANTITIES
24-27	SIGN PLAN AND QUANTITIES
28	SUMMARY OF QUANTITIES
29	RETAINING WALL PLAN
30-35	PLANT LIST, PLANTING PLAN AND LANDSCAPE DETAILS
36-42	REVISED AND NEW STANDARD PLANS

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 MATEO AND SANTA CLARA COUNTIES
AT
VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

No.	COUNTY	ROUTE	PM	NAME OF VISTA POINT
1	SM	280	9.4	FISH & GAME REFUGE
2		35	4.0	COAL CREEK
3		35	14.3	SKEGGS POINT
4		35	23.0	SKYLINE
5	SCI	35	14.0	SARATOGA GAP

PROJECT MANAGER
AL B. LEE
 DESIGN ENGINEER
ARLISSA PANG

PROJECT ENGINEER DATE 2/23/10
 REGISTERED CIVIL ENGINEER



March 29, 2010
 PLANS APPROVAL DATE

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

NO SCALE



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	2	42

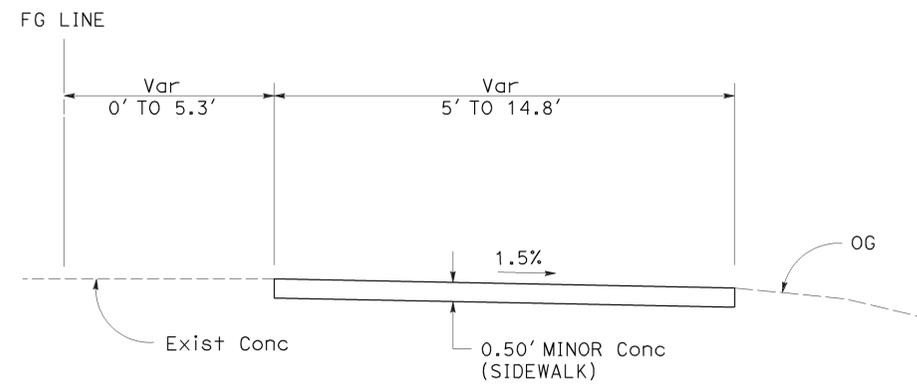
<i>Tuan P. Huynh</i>	2/23/10
REGISTERED CIVIL ENGINEER	DATE
3-29-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Tuan P. Huynh
No. 63928
Exp. 9-30-10
CIVIL
STATE OF CALIFORNIA

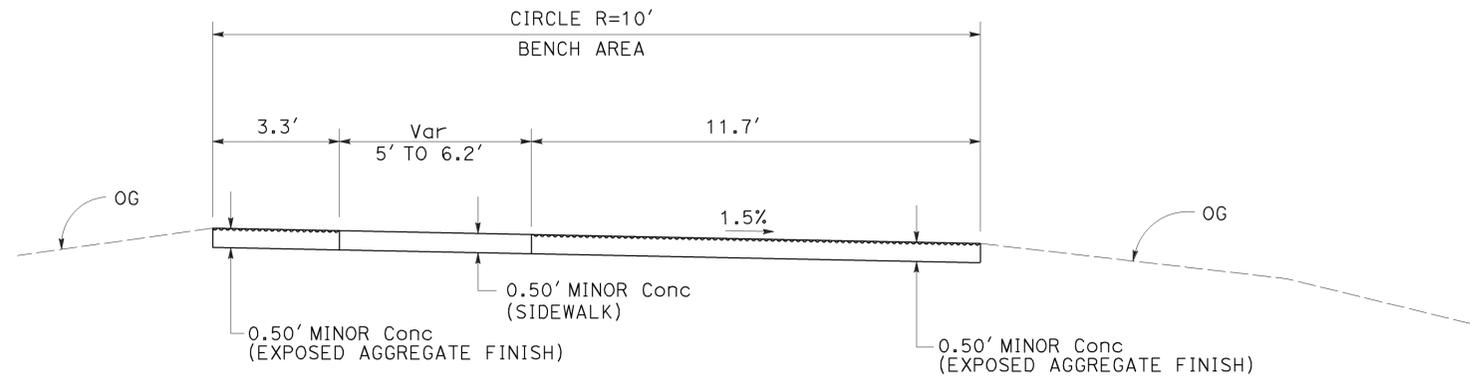
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE

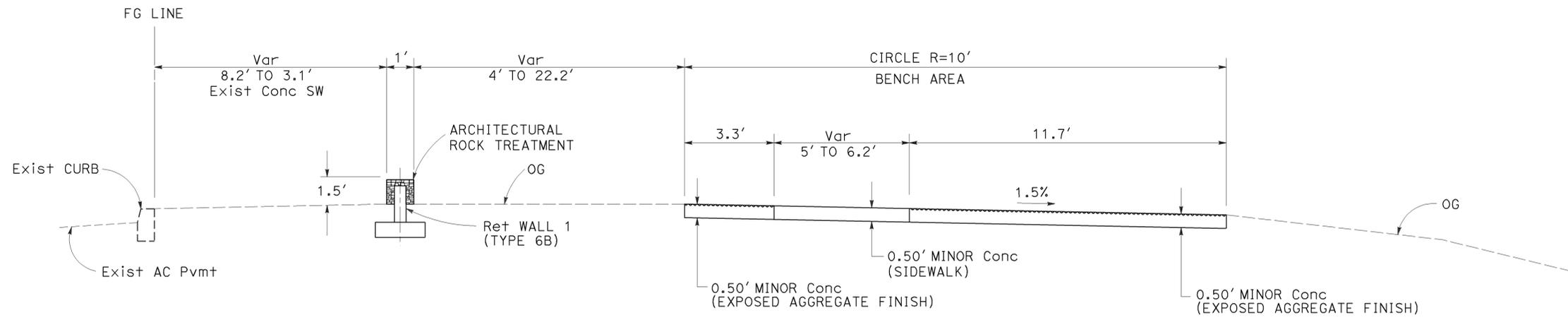
DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS



**LOCATION 1
FISH AND GAME REFUGE**
FG 11+61.60 TO 11+91



**DETAIL A
LOCATION 1
FISH AND GAME REFUGE**
STRUCTURAL SECTION



**LOCATION 1
FISH AND GAME REFUGE**
FG 11+40 TO 11+61.60

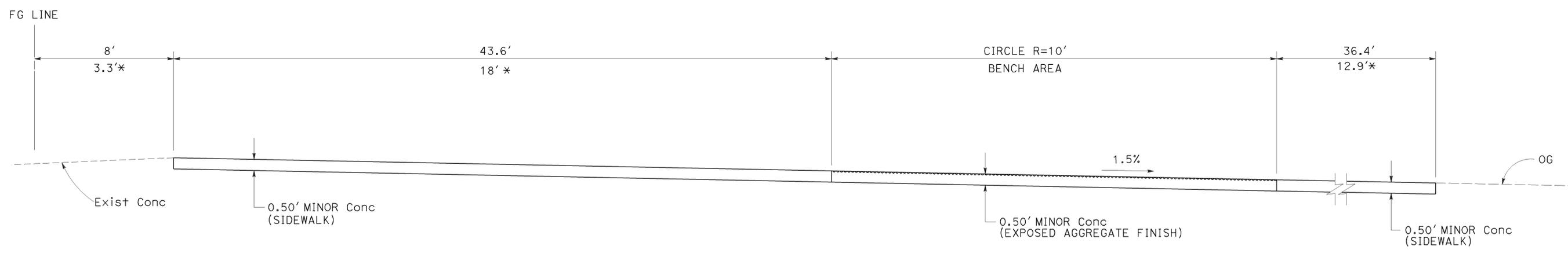
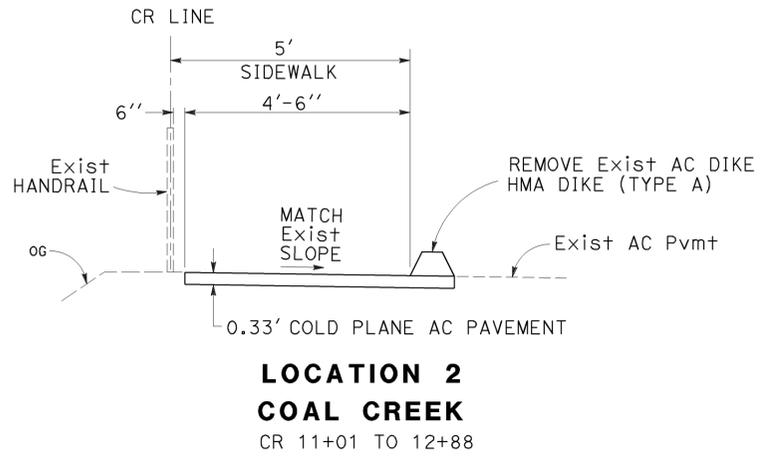
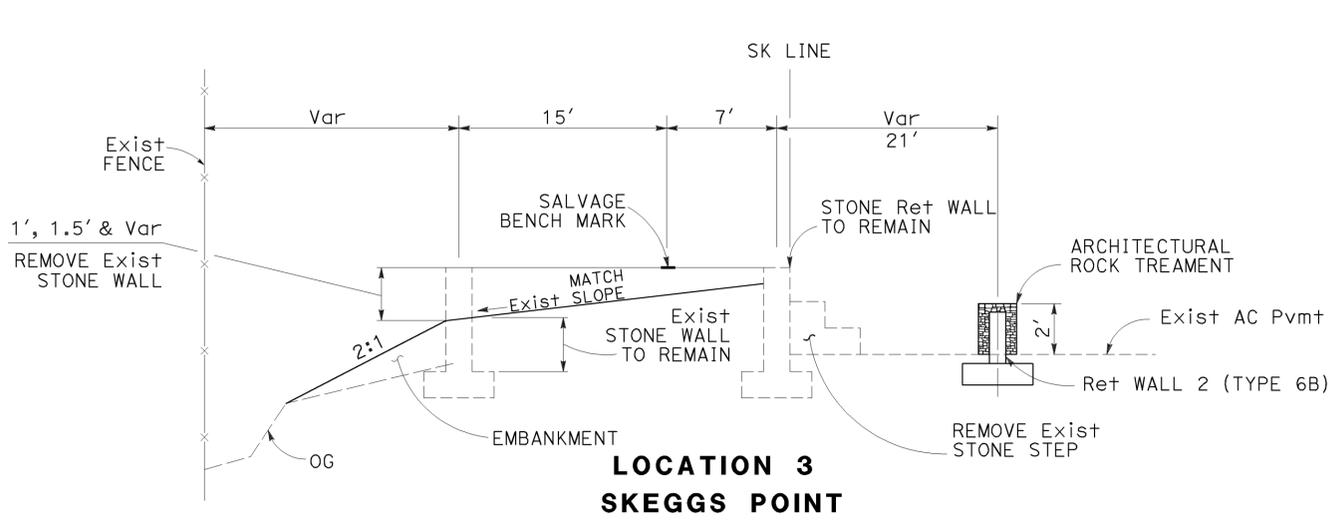
TYPICAL CROSS SECTIONS
NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS
FUNCTIONAL SUPERVISOR: ARLISSA PANG
DESIGNED BY: CUOI LUONG
CHECKED BY: TUAN HUYNH
REVISOR: CVL
DATE: 2/26/10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	3	42
			2/23/10		
REGISTERED CIVIL ENGINEER			DATE		
3-29-10			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
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: CUOI LUONG, TUAN HUYNH
 DESIGNED BY: CUOI LUONG, TUAN HUYNH
 CVL: 2/26/10
 REVISIONS: 2/26/10



LOCATION 1
FISH AND GAME REFUGE
 AT FG 12+00 SEE DETAIL A, Sht X-1
 AT FG 12+08 FOR STRUCTURAL SECTIONS

* FOR FG 12+08

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET X-1

TYPICAL CROSS SECTIONS
 NO SCALE

X-2

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	7	42

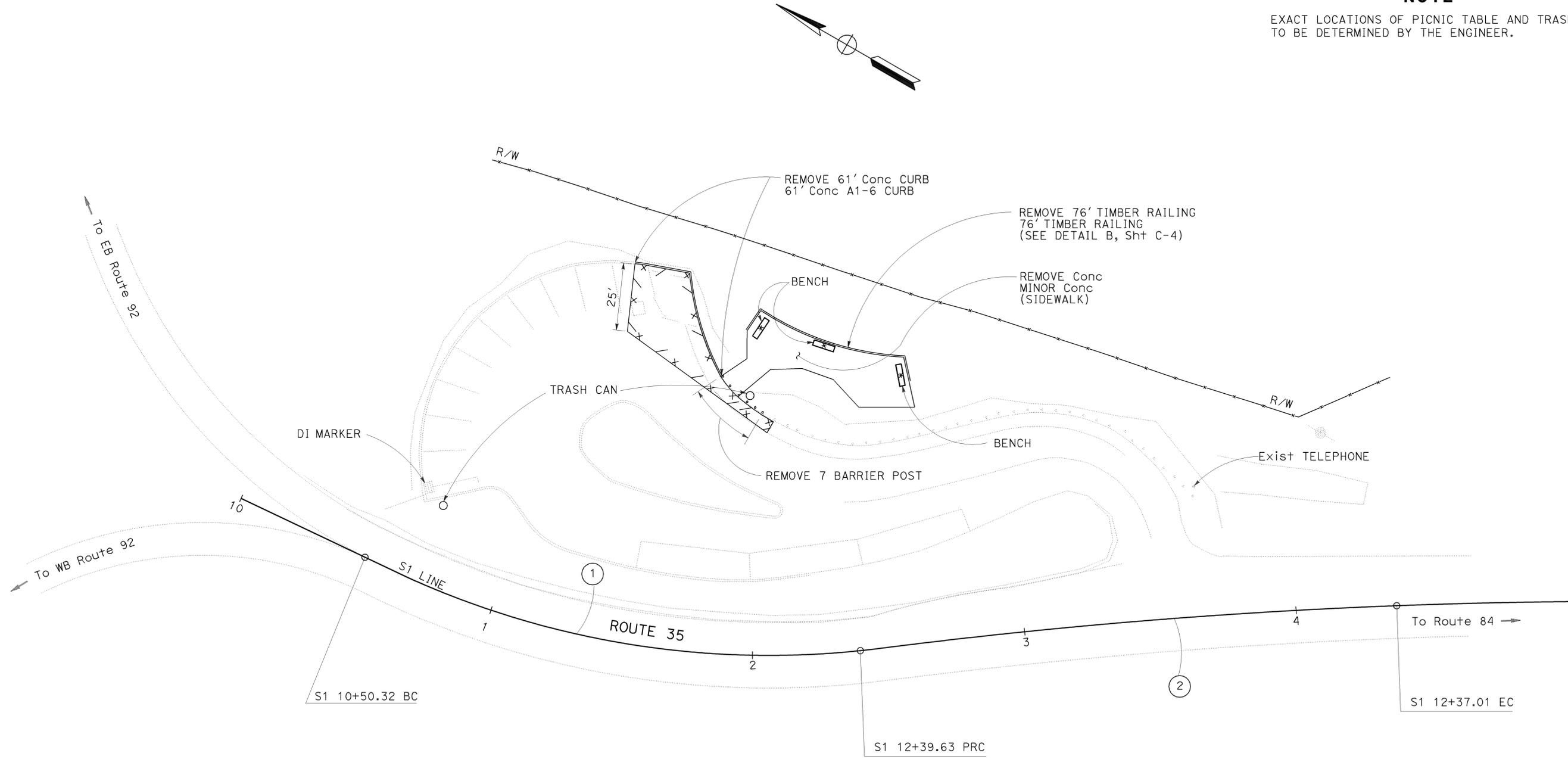
REGISTERED CIVIL ENGINEER DATE 2/23/10
 PLANS APPROVAL DATE 3-29-10

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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

EXACT LOCATIONS OF PICNIC TABLE AND TRASH CAN
TO BE DETERMINED BY THE ENGINEER.



CURVE DATA

No.	R	Δ	T	L	N	E
1	323.078'	33° 34' 25"	97.462'	189.314'	2085919.309	6182810.208
2	2153'	5° 15' 09"	98.757'	197.376'	2083462.992	6183122.411

**LOCATION 4
SKYLINE**

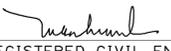
FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 20'

L-4

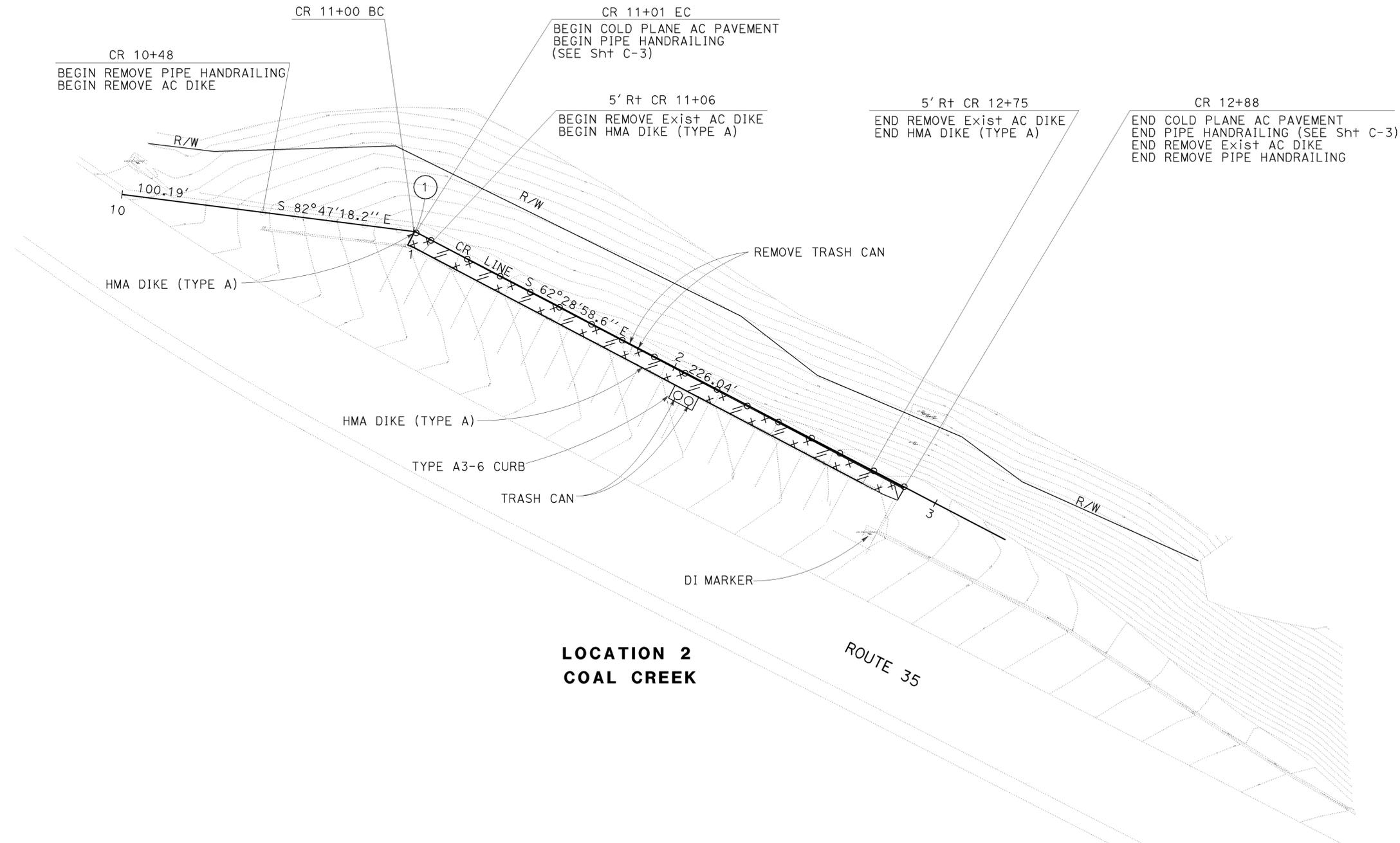
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	5	42

 2/23/10
 REGISTERED CIVIL ENGINEER DATE
 3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.



CURVE DATA

No.	R	Δ	T	L	N	E
1	2,001'	20°17'59"	0.358'	0.709'	1945175.678	6066113.421

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 20'

L-2

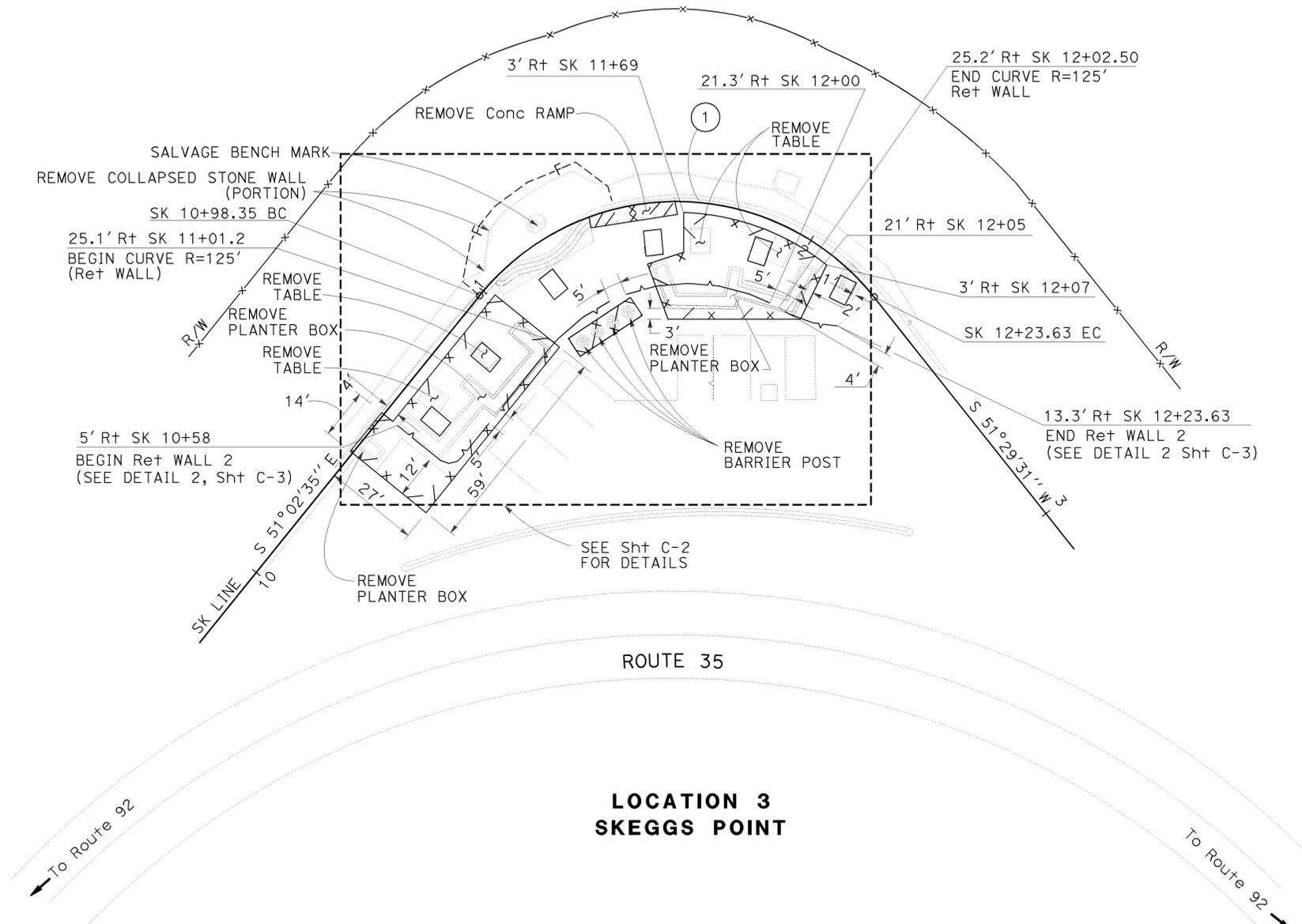
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	6	42

 2/23/10
 REGISTERED CIVIL ENGINEER DATE
 3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

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CURVE DATA

No.	R	Δ	T	L	N	E
1	69.997'	102° 32' 06"	87.269'	125.265'	2167135.223	5837788.429

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 20'

L-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: CUOI LUONG
 TUAN HUYNH
 REVISED BY: DATE REVISED
 CVL 2/26/10

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

NOTE

EXACT LOCATIONS OF PICNIC TABLE AND TRASH CAN
TO BE DETERMINED BY THE ENGINEER.

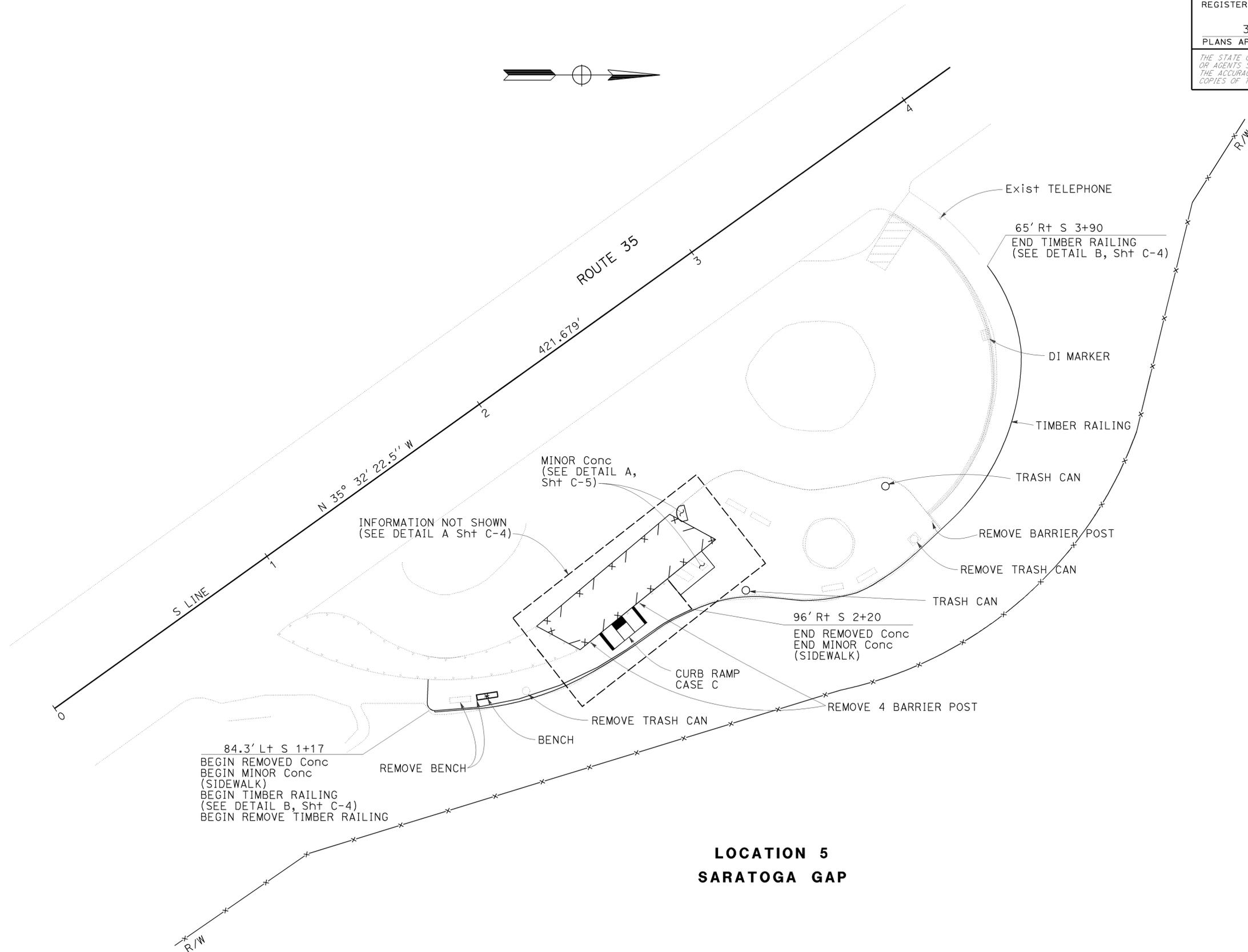
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	8	42

<i>Tuan P. Huynh</i>	2/23/10
REGISTERED CIVIL ENGINEER	DATE
3-29-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER	
Tuan P. Huynh	
No. 63928	
Exp. 9-30-10	
CIVIL	
STATE OF CALIFORNIA	

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CVL	2/26/10
REVISOR	DATE
CUOI LUONG	TUAN HUYNH
CALCULATED/DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ARLISSA PANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	
Caltrans SPECIAL PROJECTS	



**LOCATION 5
SARATOGA GAP**

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET L-1

LAYOUT
SCALE: 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	9	42

REGISTERED CIVIL ENGINEER DATE 2/23/10
 3-29-10
 PLANS APPROVAL DATE

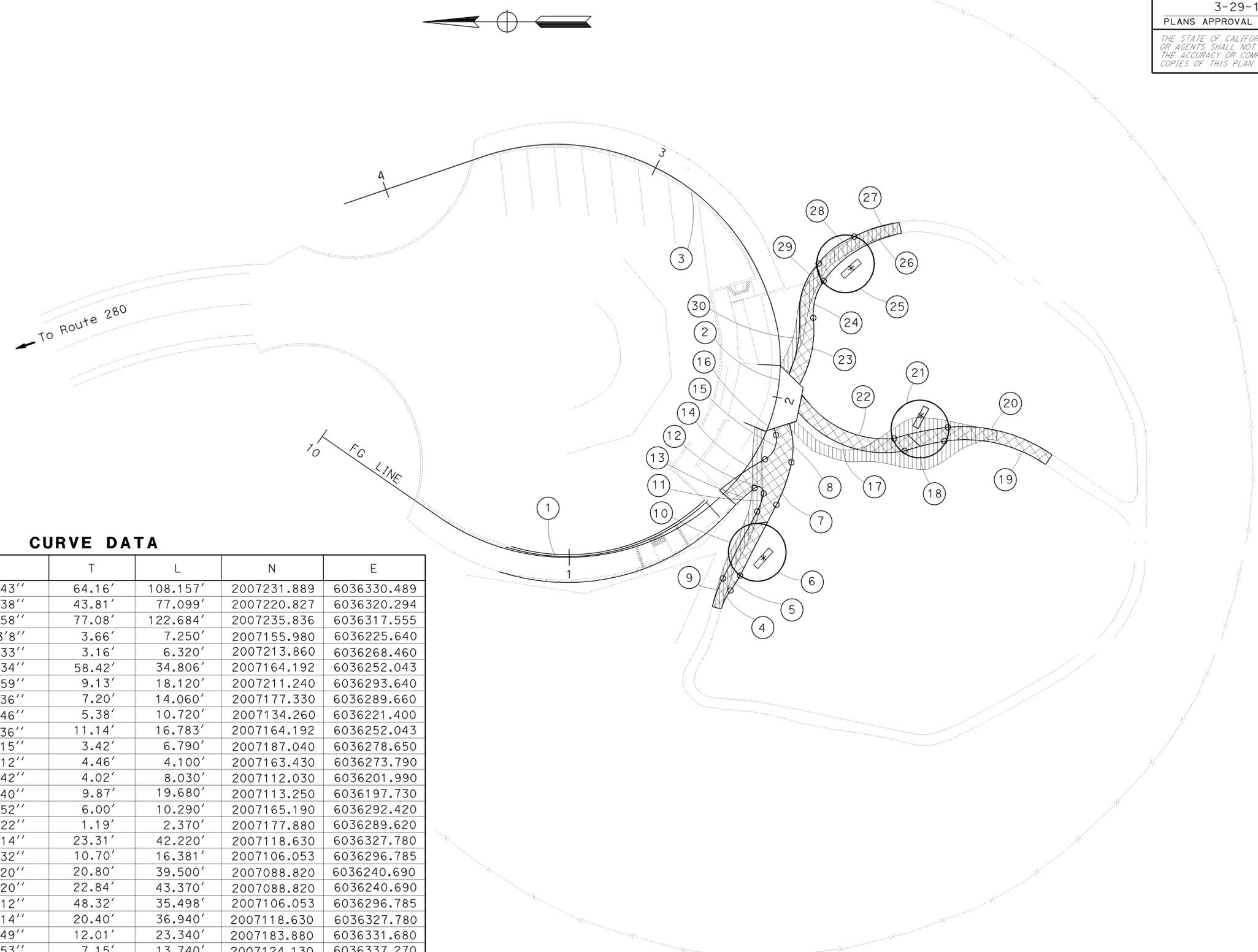
REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: TUAN HUYNH
 REVISIONS: CVL 2/26/10

CURVE DATA

No.	R	Δ	T	L	N	E
1	80.000'	77°27'43"	64.16'	108.157'	2007231.889	6036330.489
2	65.000'	67°57'38"	43.81'	77.099'	2007220.827	6036320.294
3	80.000'	87°51'58"	77.08'	122.684'	2007235.836	6036317.555
4	22.000'	18°53'8"	3.66'	7.250'	2007155.980	6036225.640
5	50.000'	7°14'33"	3.16'	6.320'	2007213.860	6036268.460
6	10.000'	199°25'34"	58.42'	34.806'	2007164.192	6036252.043
7	60.000'	17°17'59"	9.13'	18.120'	2007211.240	6036293.640
8	26.000'	30°58'36"	7.20'	14.060'	2007177.330	6036289.660
9	47.300'	12°58'46"	5.38'	10.720'	2007134.260	6036221.400
10	10.000'	96°9'36"	11.14'	16.783'	2007164.192	6036252.043
11	25.800'	15°5'15"	3.42'	6.790'	2007187.040	6036278.650
12	1.700'	138°15'12"	4.46'	4.100'	2007163.430	6036273.790
13	90.000'	5°6'42"	4.02'	8.030'	2007112.030	6036201.990
14	100.000'	11°16'40"	9.87'	19.680'	2007113.250	6036197.730
15	8.000'	73°41'52"	6.00'	10.290'	2007165.190	6036292.420
16	21.000'	6°28'22"	1.19'	2.370'	2007177.880	6036289.620
17	40.000'	60°28'14"	23.31'	42.220'	2007118.630	6036327.780
18	10.000'	93°51'32"	10.70'	16.381'	2007106.053	6036296.785
19	51.000'	44°22'20"	20.80'	39.500'	2007088.820	6036240.690
20	56.000'	44°22'20"	22.84'	43.370'	2007088.820	6036240.690
21	10.000'	203°23'12"	48.32'	35.498'	2007106.053	6036296.785
22	35.000'	60°28'14"	20.40'	36.940'	2007118.630	6036327.780
23	40.000'	33°25'49"	12.01'	23.340'	2007183.880	6036331.680
24	20.000'	39°20'53"	7.15'	13.740'	2007124.130	6036337.270
25	10.000'	185°36'33"	204.13'	32.395'	2007132.238	6036355.066
26	60.000'	12°19'25"	6.48'	12.910'	2007099.770	6036307.300
27	60.000'	20°12'37"	10.69'	21.160'	2007103.690	6036310.470
28	10.000'	106°8'51"	13.31'	18.526'	2007132.238	6036355.066
29	24.000'	45°34'25"	10.08'	19.090'	2007125.020	6036338.320
30	48.000'	25°56'39"	11.06'	21.740'	2007196.920	6036334.470



LOCATION 1
FISH AND GAME REFUGE
CONSTRUCTION DETAILS
 NO SCALE

C-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	10	42

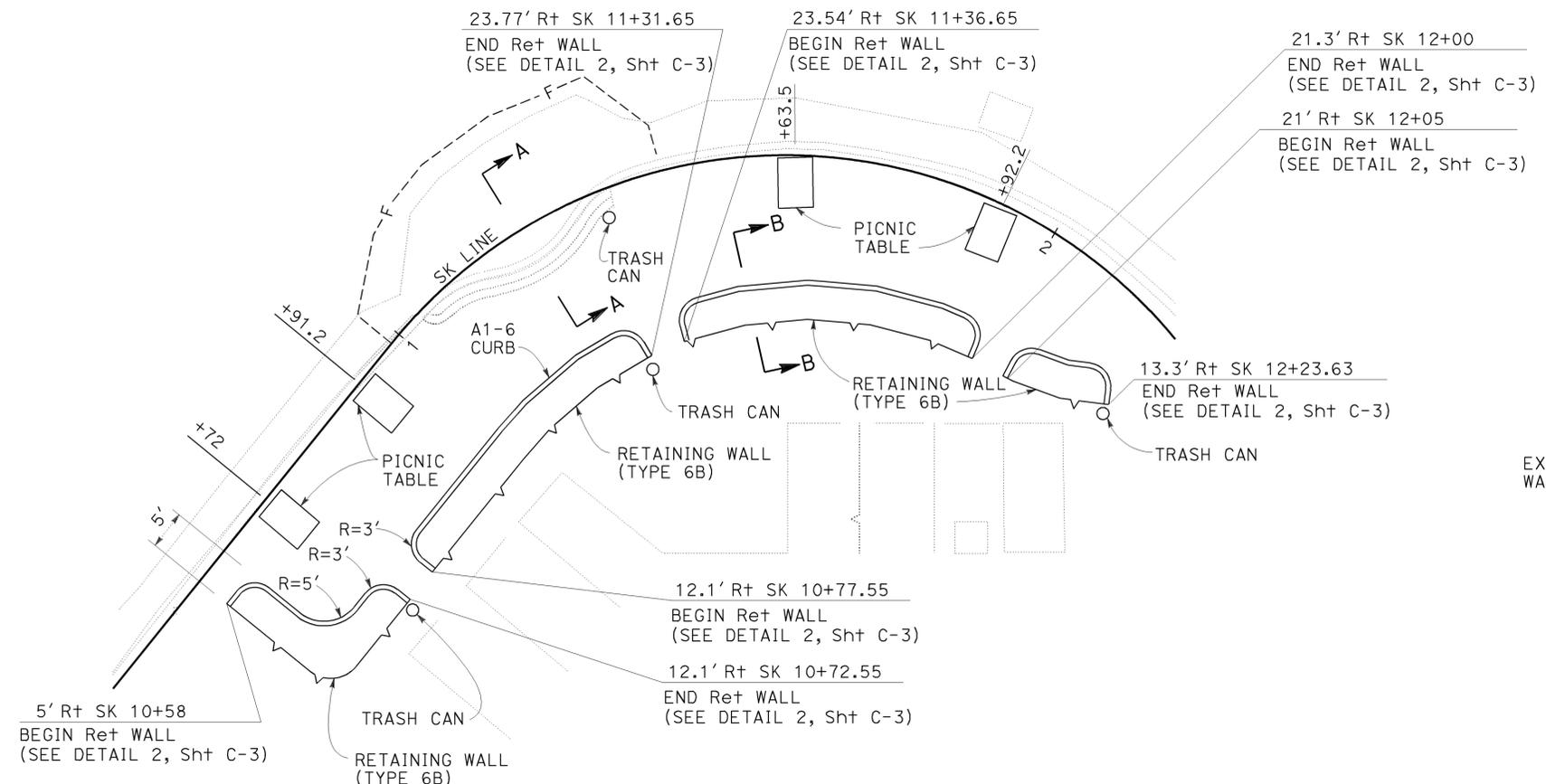
<i>Tuan P. Huynh</i>	2/23/10
REGISTERED CIVIL ENGINEER	DATE
3-29-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Tuan P. Huynh
No. 63928
Exp. 9-30-10
CIVIL

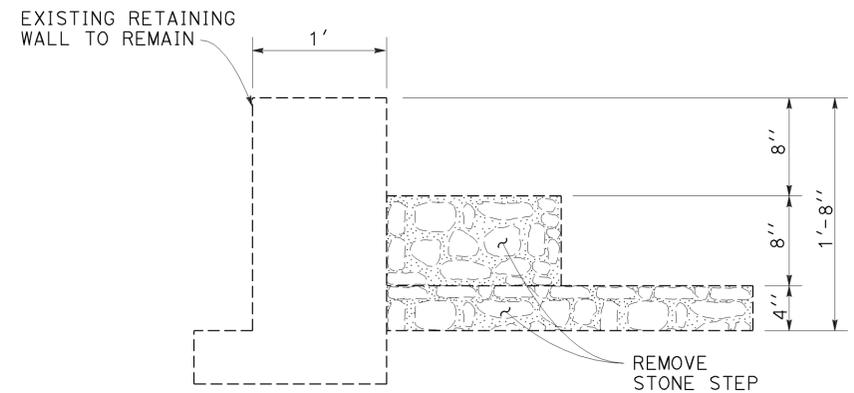
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NOTE

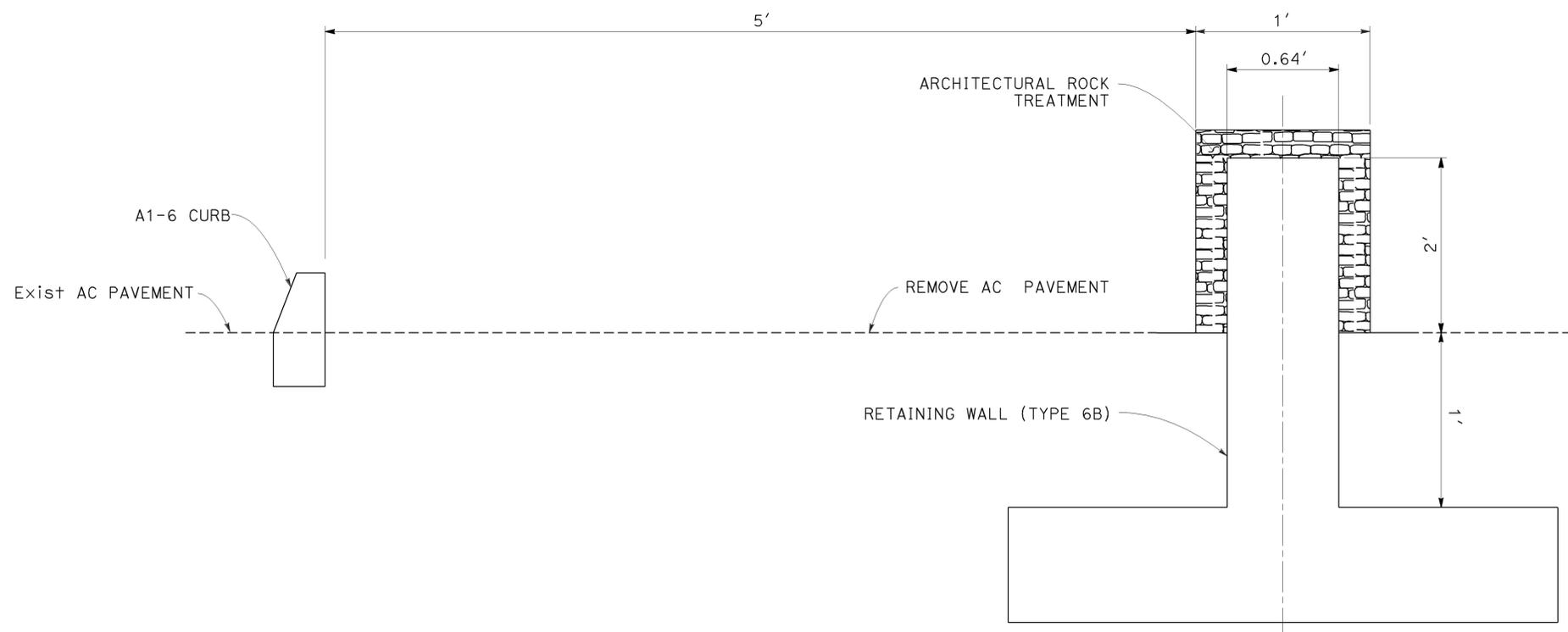
EXACT LOCATIONS OF PICNIC TABLE AND TRASH CAN TO BE DETERMINED BY THE ENGINEER



DETAIL A
INSTALLATION OF PICNIC TABLE AND TRASH CAN



SECTION A-A

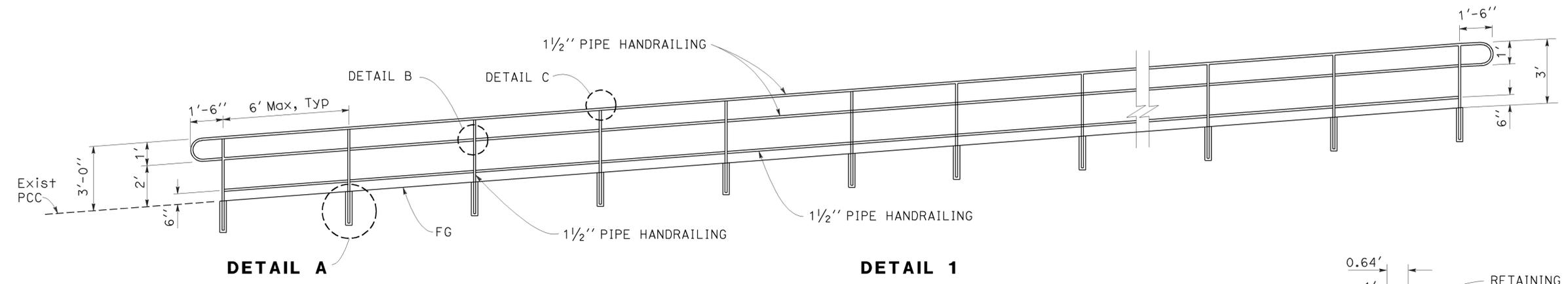


SECTION B-B

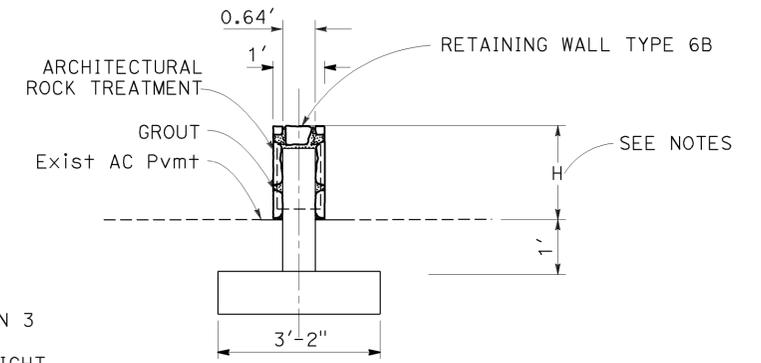
CONSTRUCTION DETAILS
NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	11	42
			2/23/10	REGISTERED CIVIL ENGINEER DATE	
			3-29-10	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>					

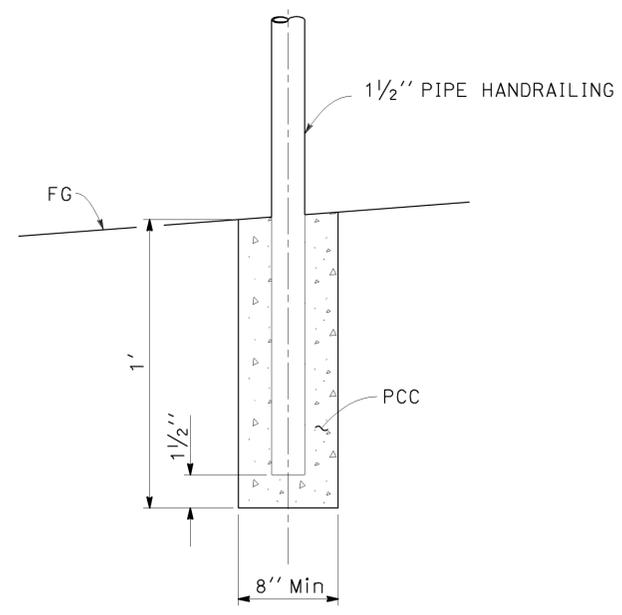


DETAIL 1
TYPICAL PIPE HANDRAILING

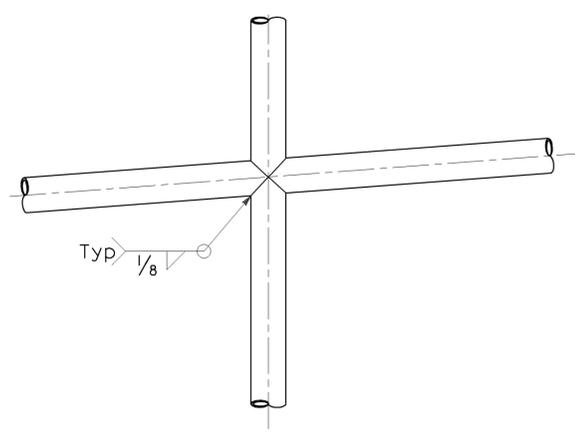


- NOTES**
- H = 2' FOR LOCATION 3
 - H MATCH TO THE HEIGHT OF Exist RETAINING WALL FOR LOCATION 1

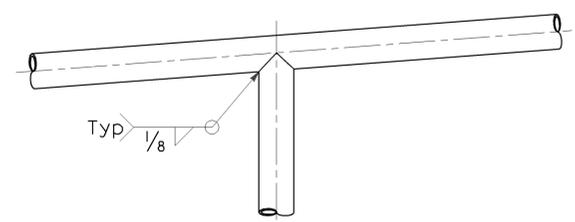
DETAIL 2
RETAINING WALL



DETAIL A



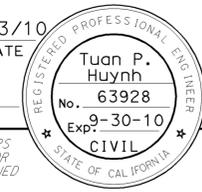
DETAIL B



DETAIL C

CONSTRUCTION DETAILS
NO SCALE

CVL	2/26/10
REVISOR	DATE
CUOI LUONG	TUAN HUYNH
DESIGNER	CHECKED BY
FUNCTIONAL SUPERVISOR	ARLISSA PANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	
SPECIAL PROJECTS	

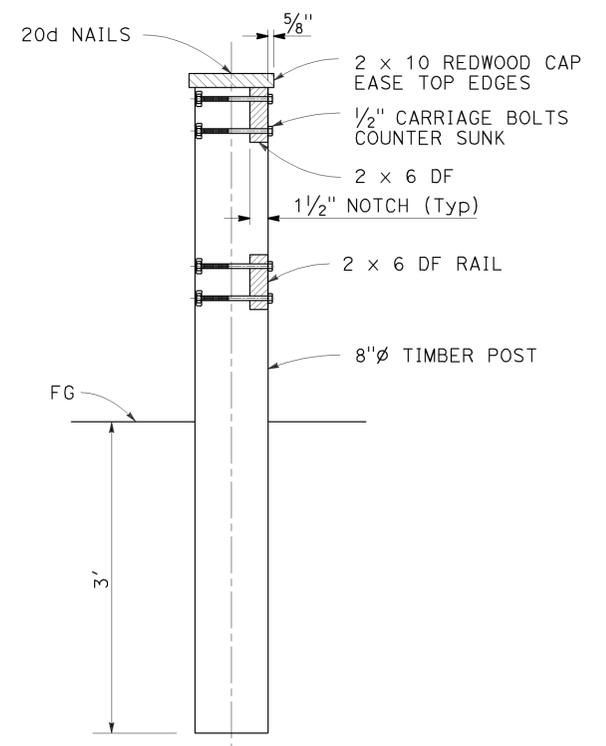
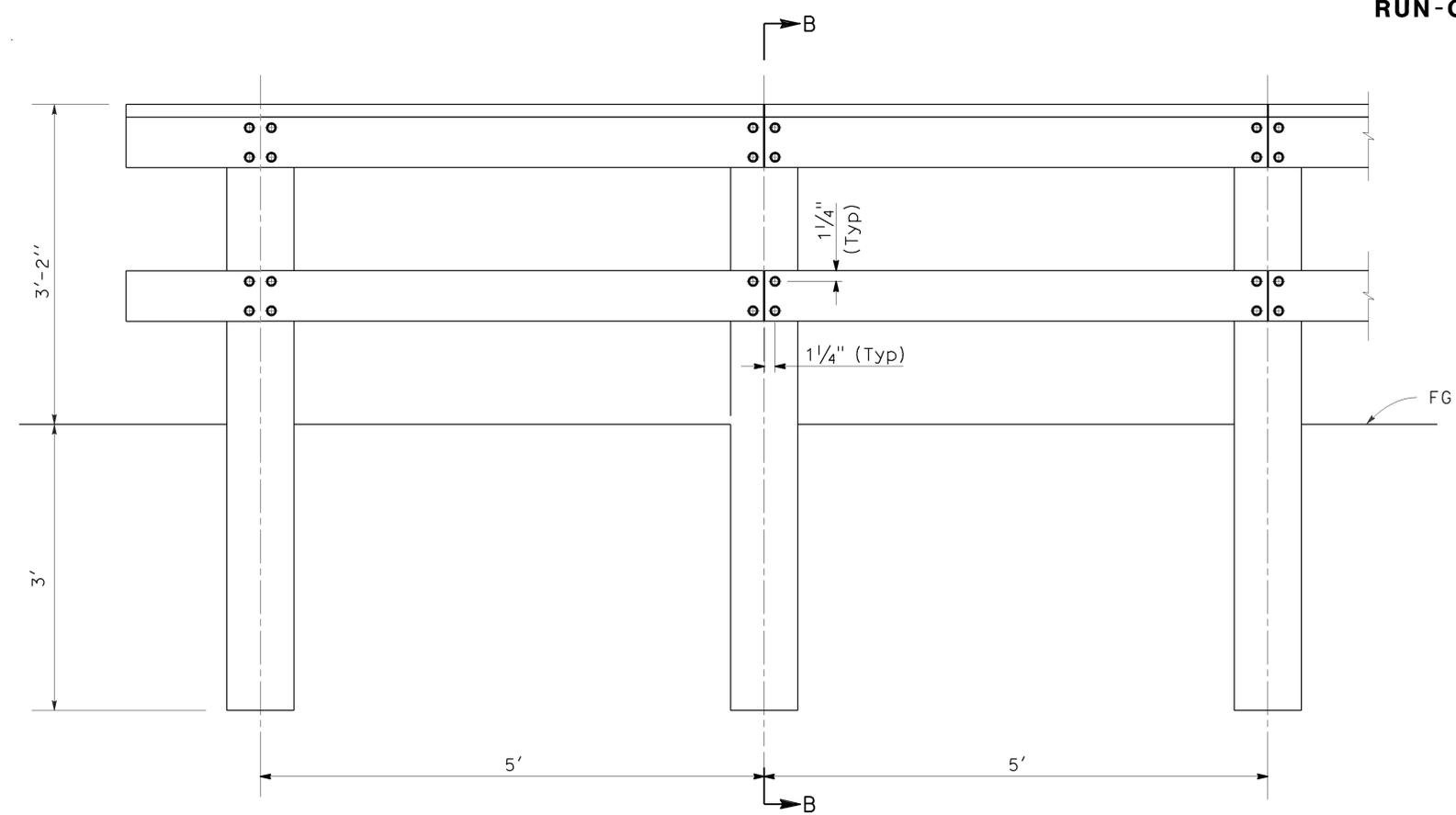
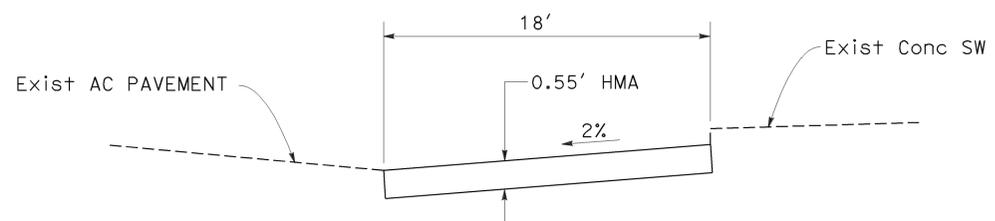
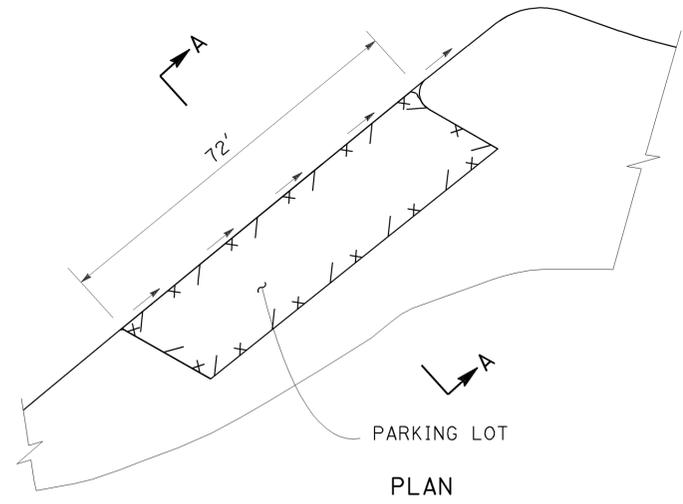
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	12	42
			2/23/10		
REGISTERED CIVIL ENGINEER			DATE		
3-29-10					
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
					

LEGEND

→ FLOW LINE

ABBREVIATION

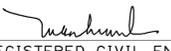
FDHMA FULL DEPTH HOT MIX ASPHALT

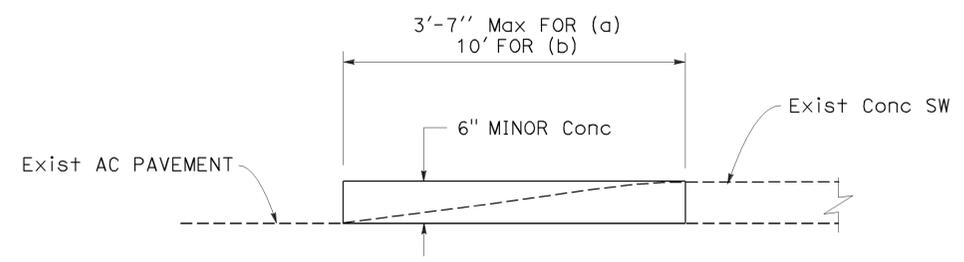
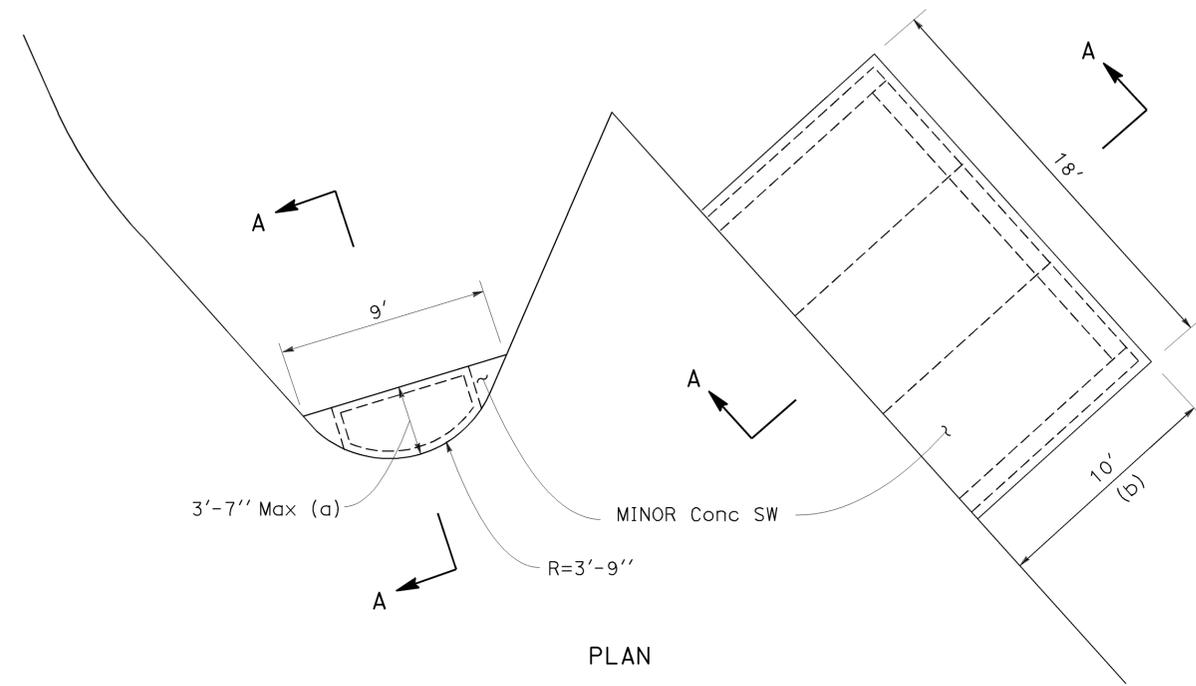


**DETAIL B
TIMBER RAILING**

CONSTRUCTION DETAILS
NO SCALE

CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR	STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CUOI LUONG	TUAN HUYNH	ARLISSA PANG	SPECIAL PROJECTS
REVISOR	DATE	REVISION	
CVL	2/26/10		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	13	42
			2/23/10	REGISTERED CIVIL ENGINEER DATE	
3-29-10 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 A-A
DETAIL A
CONCRETE SIDEWALK RESTORATION

CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION	STATE OF CALIFORNIA
CUOI LUONG	TUAN HUYNH	ARLISSA PANG	SPECIAL PROJECTS	Caltrans
REVISOR	DATE			
CVL	2/26/10			

CONSTRUCTION DETAILS
 NO SCALE

C-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	14	42

3-29-10
 PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
 11-30-11
 01-11-10

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

FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

EROSION CONTROL QUANTITIES

SHEET No.	EROSION CONTROL TYPE	EROSION CONTROL (COMPOST BLANKET)	ROLLED EROSION CONTROL PRODUCT (NETTING)	EROSION CONTROL (HYDROSEED)	FIBER ROLLS
		CY	SQFT	SQFT	LF
EC-1	1	1	260	254	90
EC-1	2	0.4	-	592	-
TOTAL		1.4	260	846	90

LEGEND

EROSION CONTROL (TYPE 1)

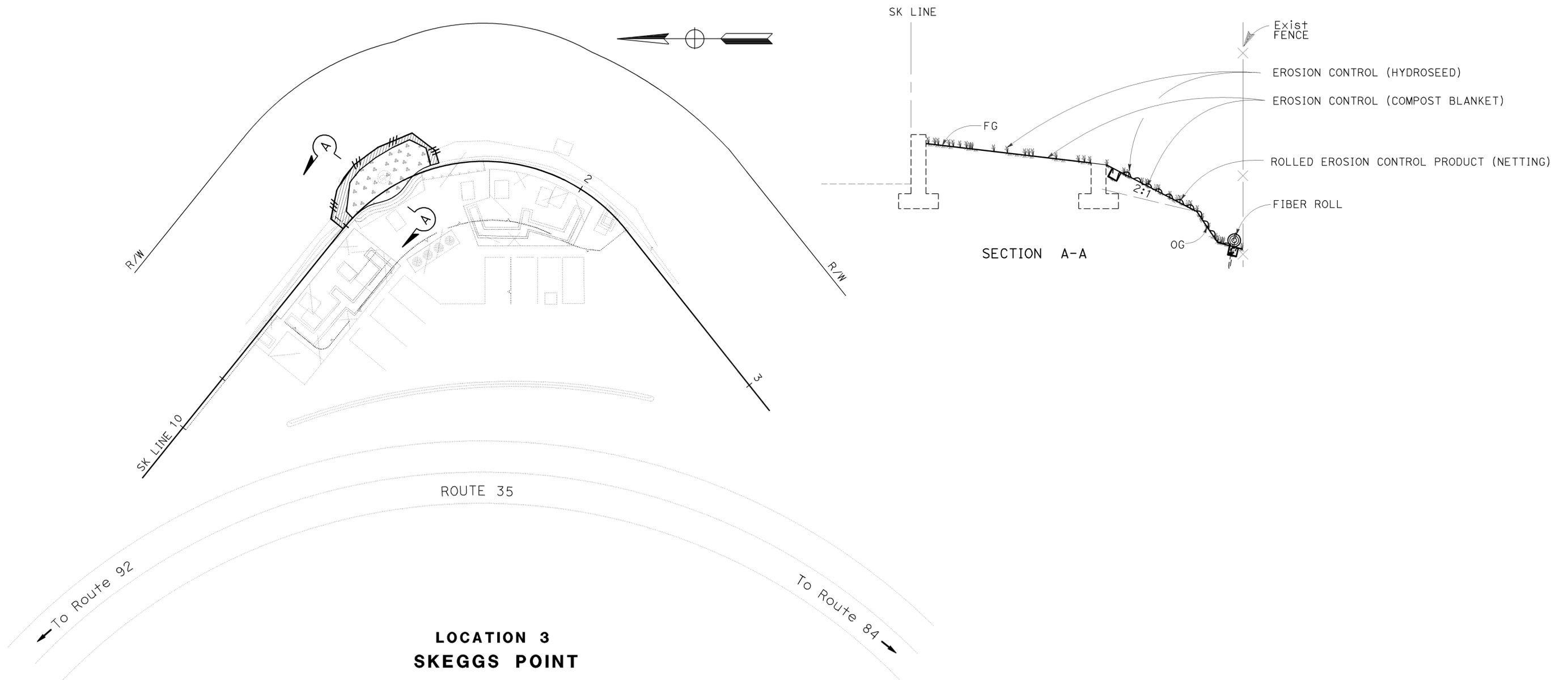
- EROSION CONTROL (COMPOST BLANKET)
- ROLLED EROSION CONTROL PRODUCT (NETTING)
- EROSION CONTROL (HYDROSEED)

EROSION CONTROL (TYPE 2)

- EROSION CONTROL (COMPOST BLANKET)
- EROSION CONTROL (HYDROSEED)

FIBER ROLL

REVISOR: V. FRANCISCO
 DESIGNER: DAVID W. YAM
 CHECKER: LAURIE J. SMITH
 DATE: 03-29-10



**LOCATION 3
SKEGGS POINT**

EROSION CONTROL PLAN

SCALE 1" = 20'

EC-1

"THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	15	42
Lily Y. Ting			2/25/10	REGISTERED CIVIL ENGINEER DATE	
3-29-10			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

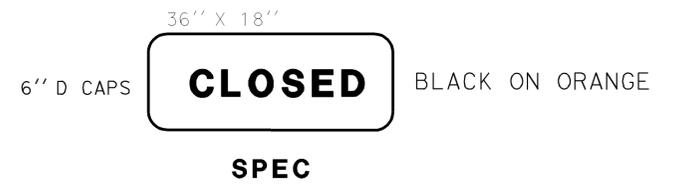
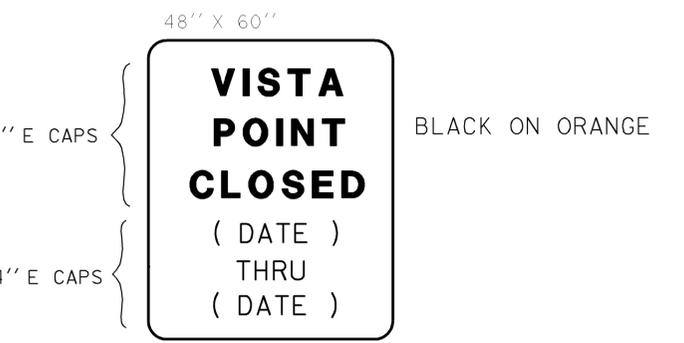
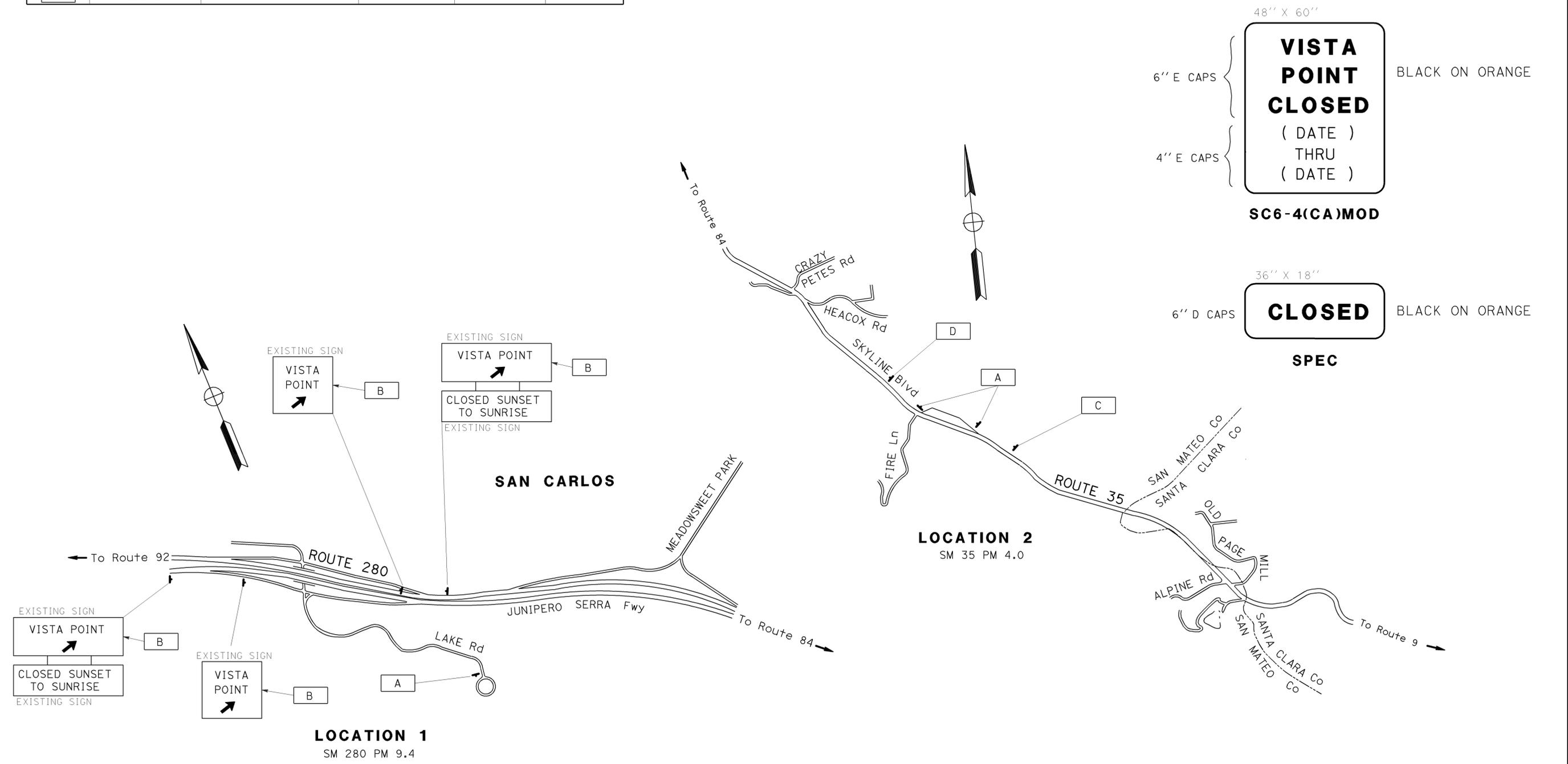
X CONSTRUCTION AREA SIGN (LETTER)

NOTES

1. EXACT LOCATION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
2. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	MUTCD CODE	MESSAGE	PANEL SIZE	NUMBER OF POST AND SIZE	NUMBER OF SIGNS
A	SC6-4(CA)MOD	VISTA POINT CLOSED	48" x 60"	(ONE) 6" x 6"	6
B	SPEC	CLOSED	36" x 18"		8
C	W20-1	ROAD WORK AHEAD	48" x 48"	(ONE) 6" x 6"	1
D	G20-2	END ROAD WORK	48" x 18"	(ONE) 6" x 6"	1



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - TRAFFIC

FUNCTIONAL SUPERVISOR: JERILYN STRUVEN

DESIGNED BY: LILLY Y. TING

CHECKED BY: JULICES F. VEGA

REVISOR: []

DATE: []

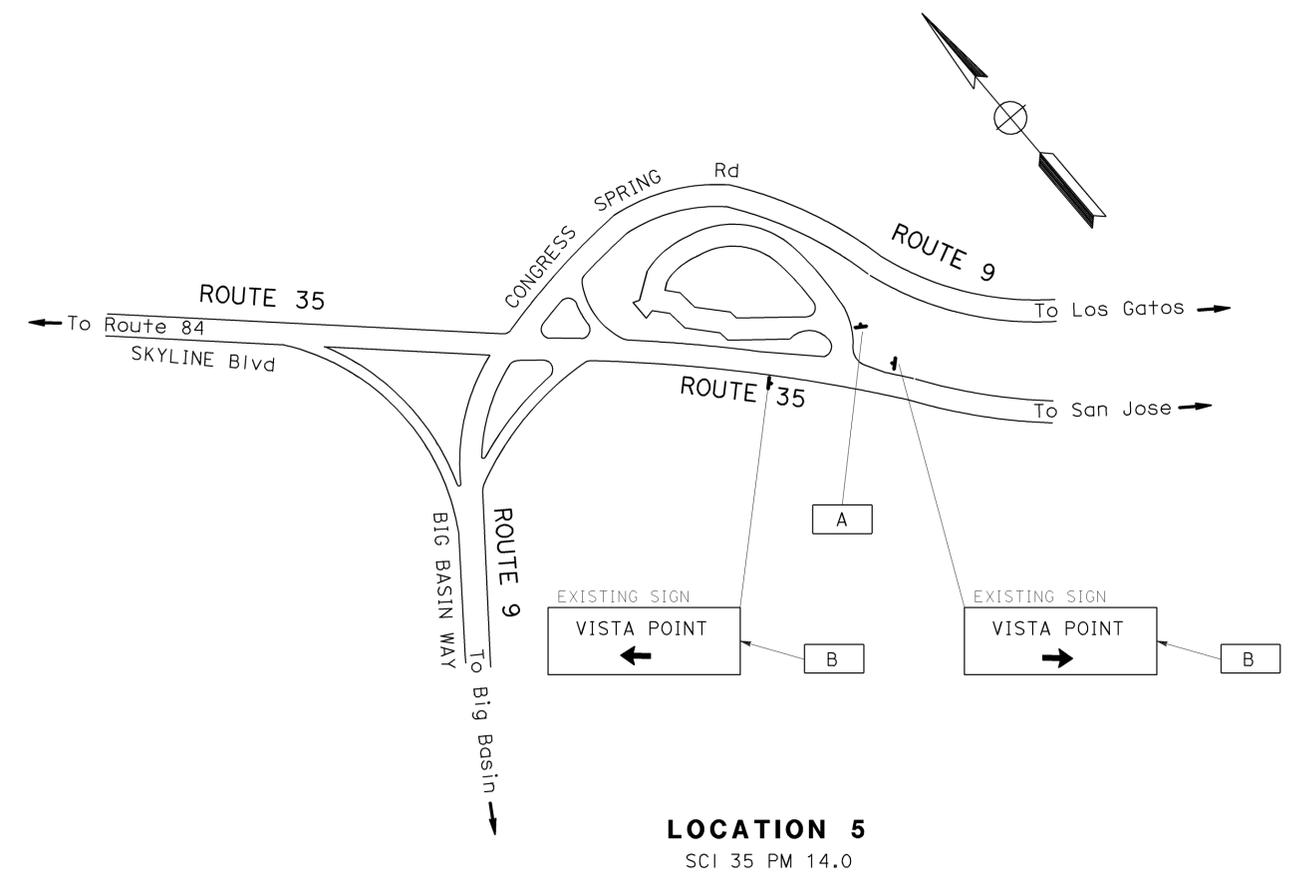
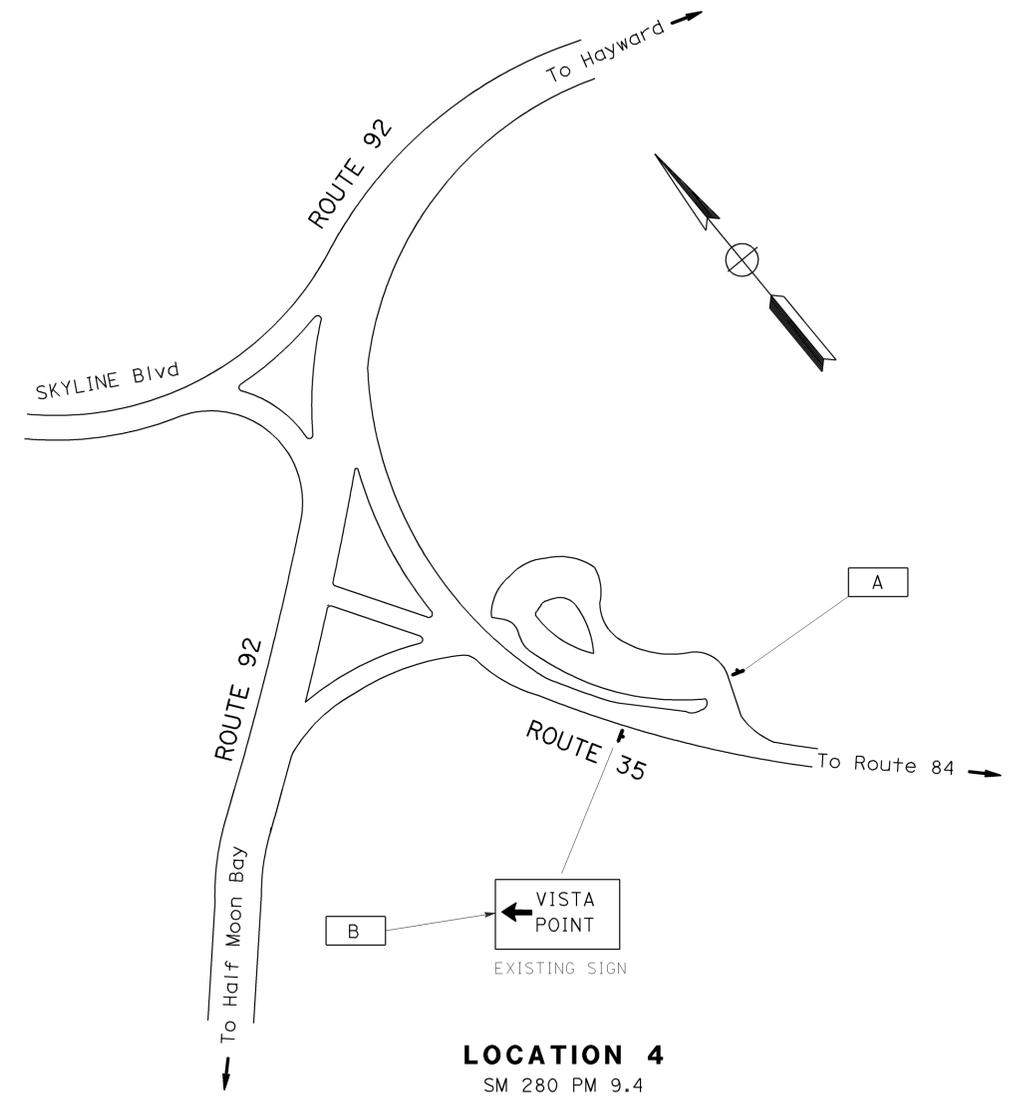
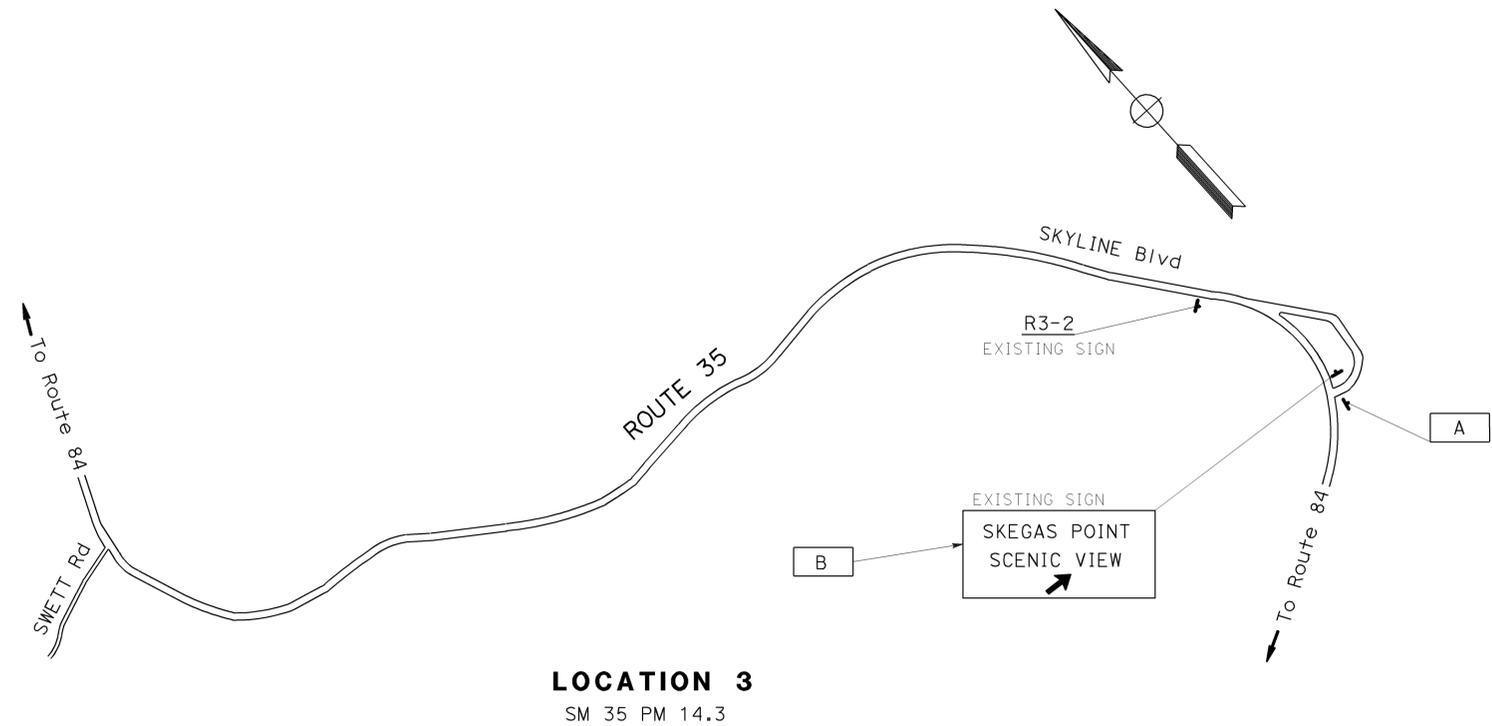
CONSTRUCTION AREA SIGNS
NO SCALE

CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

LAST REVISION: 03-29-10 DATE PLOTTED => 29-MAR-2010 TIME PLOTTED => 13:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	16	42
		Lily Ting		2/25/10	
		REGISTERED CIVIL ENGINEER		DATE	
		3-29-10		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
Caltrans
 FUNCTIONAL SUPERVISOR: JERILYN STRUVEN
 CALCULATED/DESIGNED BY: [Blank]
 CHECKED BY: [Blank]
 LILLY Y. TING
 ULICES F. VEGA
 REVISOR: [Blank]
 DATE: [Blank]

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
 NO SCALE
CS-2

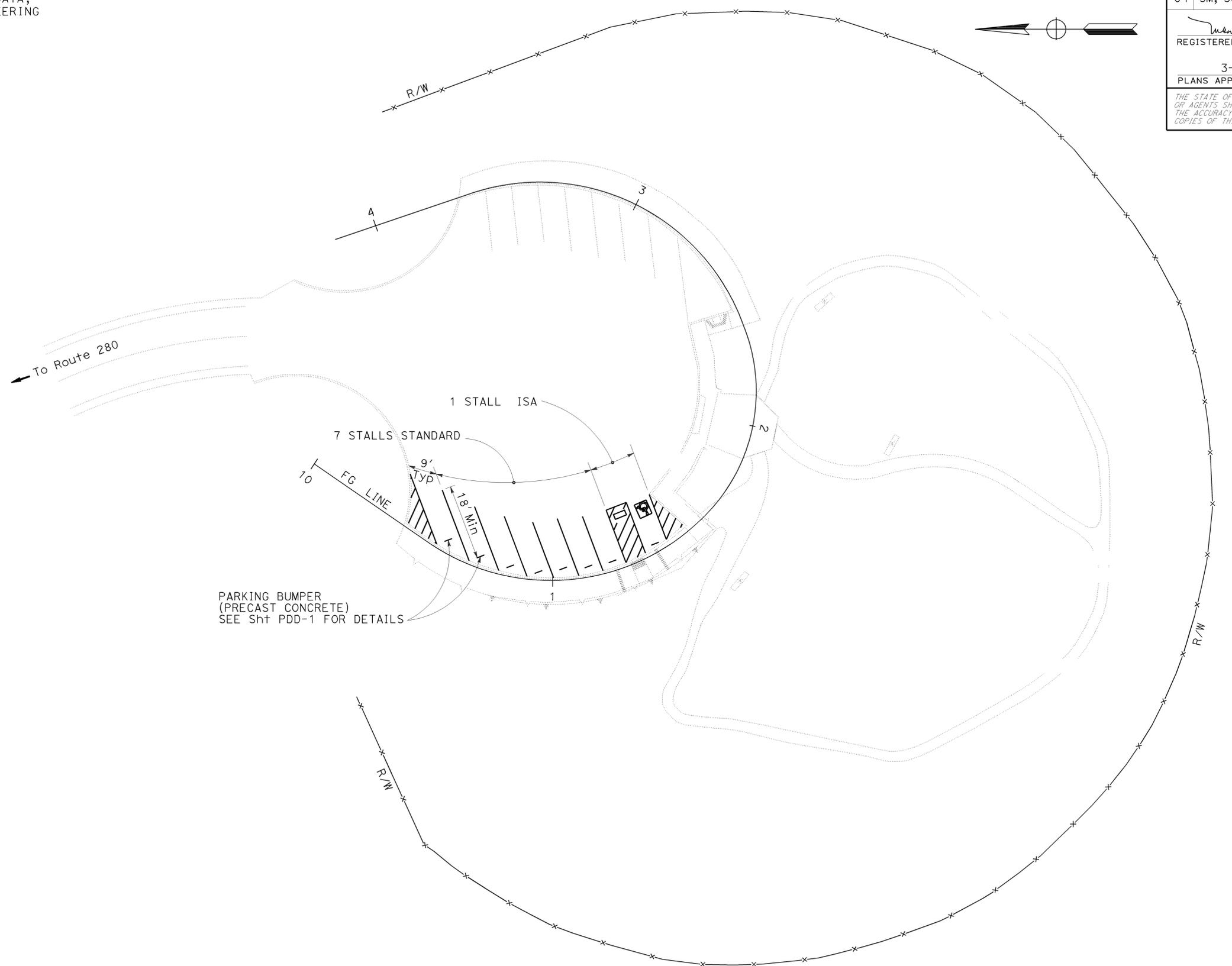
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	17	42

REGISTERED CIVIL ENGINEER DATE 2/23/10
Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

3-29-10
 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.



**LOCATION 1
FISH AND GAME REFUGE**

PAVEMENT DELINEATION PLAN

SCALE: 1" = 20'

PD-1

THIS PLAN ACCURATE FOR
PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	CVL
Caltrans SPECIAL PROJECTS	ARLISSA PANG	CHECKED BY	CUOI LUONG TUAN HUYNH	2/26/10

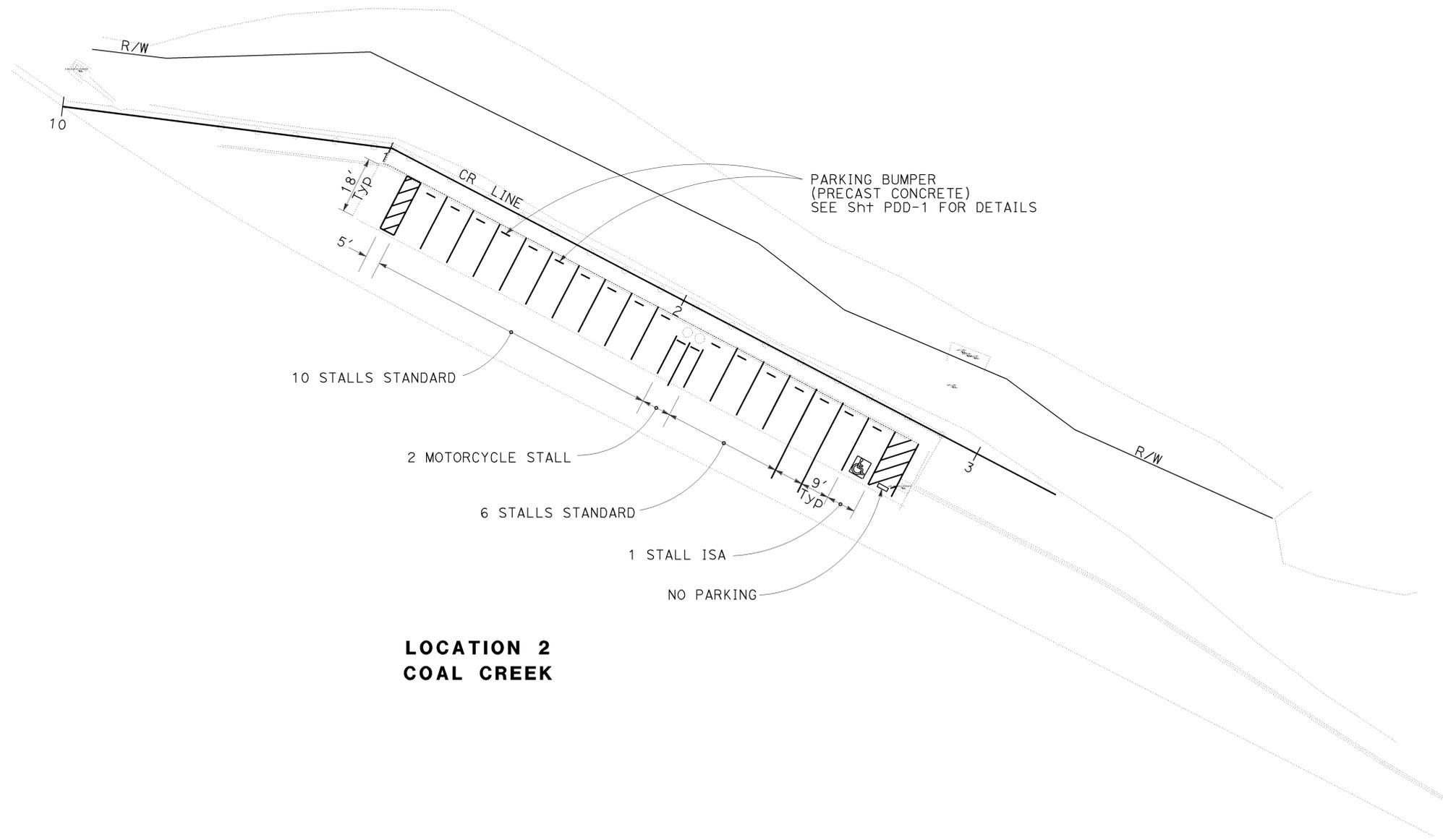
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	280, 35	Var	18	42

Tuan P. Huynh 2/23/10
 REGISTERED CIVIL ENGINEER DATE
 3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.



**LOCATION 2
COAL CREEK**

PAVEMENT DELINEATION PLAN

SCALE: 1" = 20'

PD-2

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR
PAVEMENT DELINEATION WORK ONLY



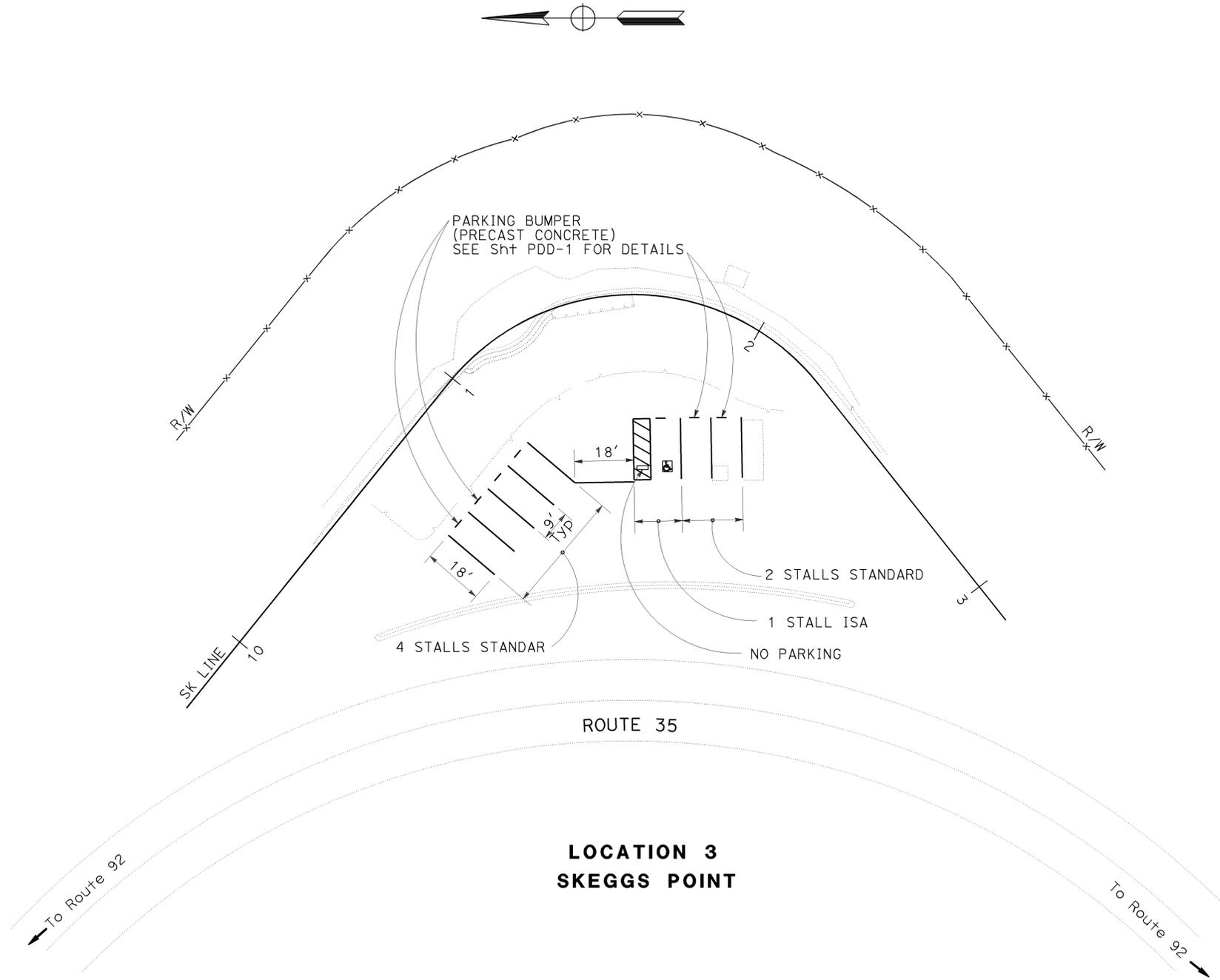
USERNAME => s131681
DGN FILE => 42a542na002.dgn

CU 04224

EA 2A5421

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	19	42
			REGISTERED CIVIL ENGINEER	DATE	
			Tuan P. Huynh	2/23/10	
			PLANS APPROVAL DATE		
			3-29-10		
<p>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.</p>					



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS

FUNCTIONAL SUPERVISOR
ARLISSA PANG

CALCULATED/DESIGNED BY
CHECKED BY

CUOI LUONG
TUAN HUYNH

REVISED BY
DATE REVISED

CVL
2/26/10

**LOCATION 3
SKEGGS POINT**

PAVEMENT DELINEATION PLAN

SCALE: 1" = 20'

PD-3

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR
PAVEMENT DELINEATION WORK ONLY

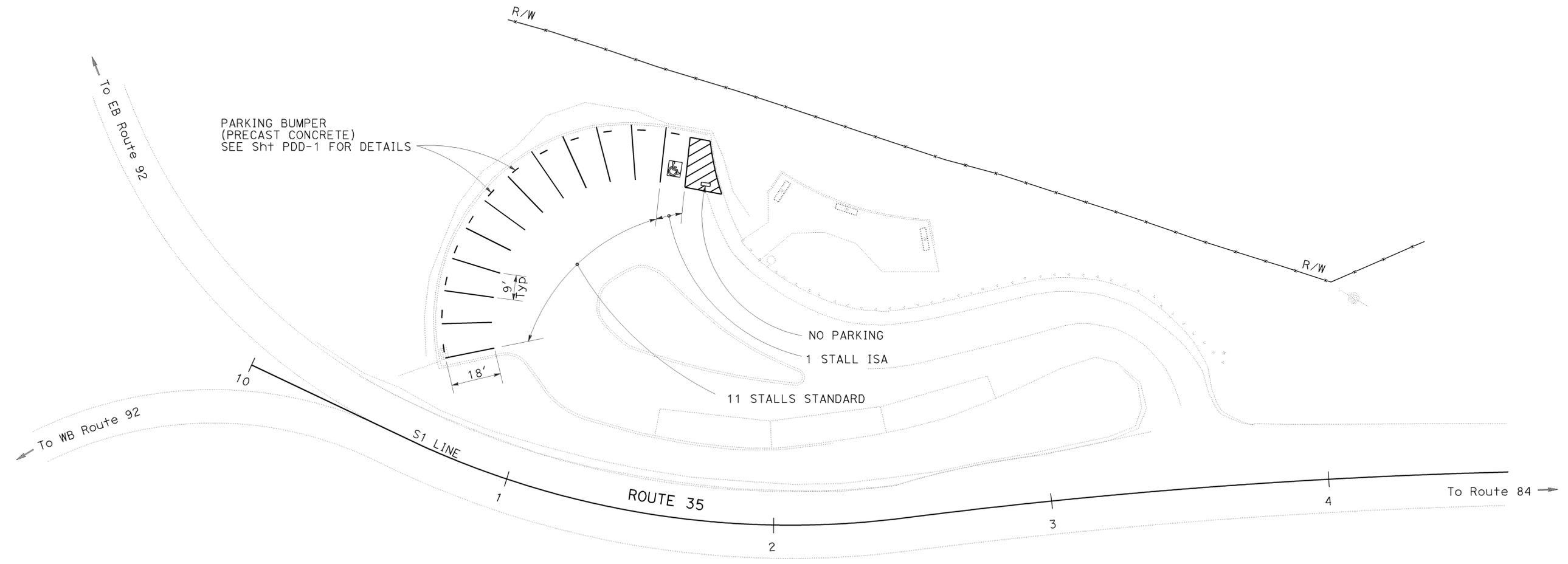
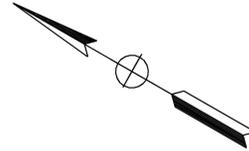
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	20	42

<i>Tuan P. Huynh</i>	2/23/10
REGISTERED CIVIL ENGINEER	DATE
3-29-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.



**LOCATION 4
SKYLINE**

PAVEMENT DELINEATION PLAN

SCALE: 1" = 20'

PD-4

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR
PAVEMENT DELINEATION WORK ONLY

CVL	2/26/10
REVISOR	DATE
CUOI LUONG	TUAN HUYNH
DESIGNER	CHECKED BY
ARLISSA PANG	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION SPECIAL PROJECTS	



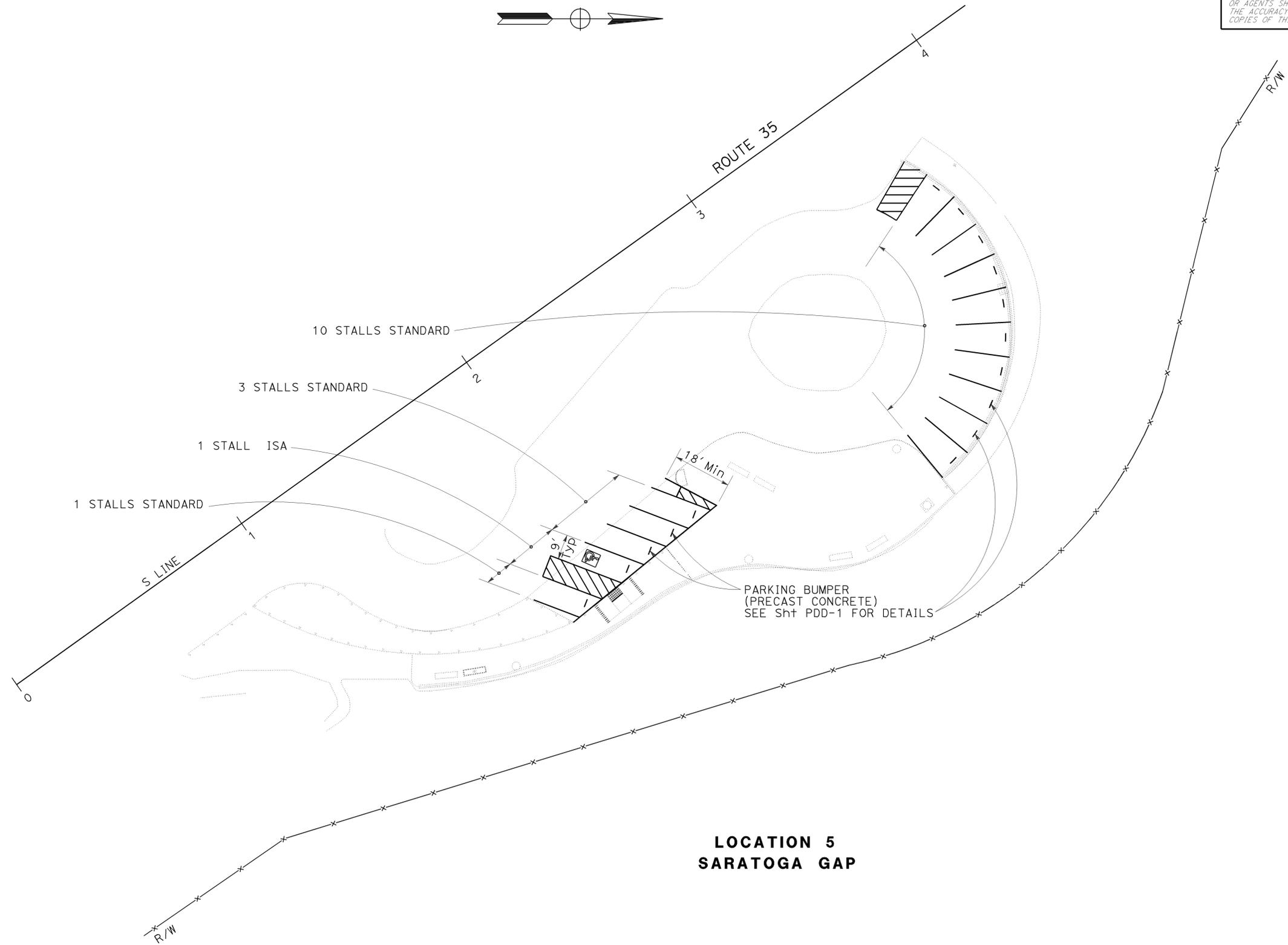
FOR ACCURATE RIGHT OF WAY DATA,
CONTACT RIGHT OF WAY ENGINEERING
AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	21	42

<i>Tuan P. Huynh</i>	2/23/10
REGISTERED CIVIL ENGINEER	DATE
3-29-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.



**LOCATION 5
SARATOGA GAP**

PAVEMENT DELINEATION PLAN

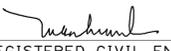
SCALE: 1" = 20'

PD-5

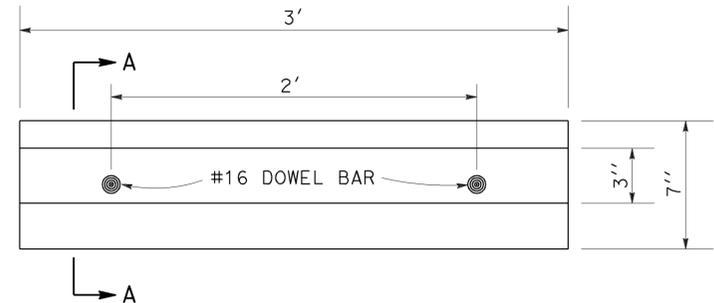
FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR
PAVEMENT DELINEATION WORK ONLY

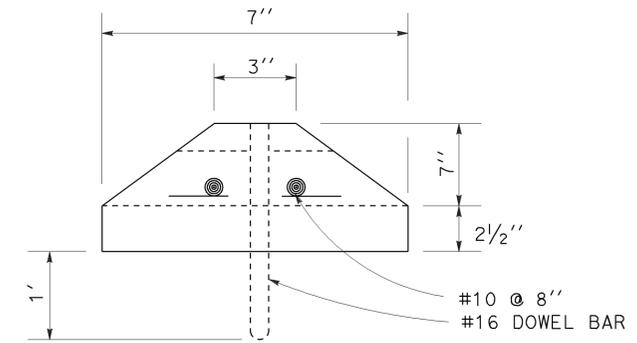
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans SPECIAL PROJECTS	ARLISSA PANG	CUOI LUONG	2/26/10
	CHECKED BY	REVISOR	DATE
		TUAN HUYNH	
	DESIGNED BY	REVISOR	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	22	42
			2/23/10	REGISTERED CIVIL ENGINEER DATE	
3-29-10 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>					

CVL	2/26/10
REVISOR	DATE
CUOI LUONG	TUAN HUYNH
CHECKED BY	
FUNCTIONAL SUPERVISOR	ARLISSA PANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans SPECIAL PROJECTS	



PLAN

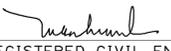


SECTION A-A
 DETAIL A
 PARKING BUMPER
 (PRECAST CONCRETE)

PAVEMENT DELINEATION DETAILS
 NO SCALE

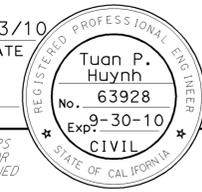
PDD-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	23	42

 2/23/10
 REGISTERED CIVIL ENGINEER DATE

3-29-10
 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
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR
 ARLISSA PANG
 CALCULATED-DESIGNED BY
 CHECKED BY
 CUOI LUONG
 TUAN HUYNH
 REVISED BY
 DATE REVISED
 CVL
 2/26/10

TRAFFIC STRIPES AND PAVEMENT MARKINGS

STATION	LOCATION No.	THERMOPLASTIC TRAFFIC STRIPE			THERMOPLASTIC PAVEMENT MARKING			REMOVE	
		WORDS & SYMBOL			NO PARKING	ISA		PAINTED STRIPE	PAINTED PAVEMENT MARKING
		4" WHITE	4" BLUE	BORDER		WHITE	BLUE		
		STALL	DIAGONAL	LF	SQFT	SQFT	4" WHITE	ISA	
FG 10+51 TO 11+59	1	140	84	52	2.0	9.0	14.0	37.8	23.0
CR 11+00 TO 12+88	2	150	125	85	2.0	9.0	14.0	457.8	23.0
SK 10+58 TO 12+24	3	82	40	46	2.0	9.0	14.0	157.5	23.0
S1 11+10 TO 11+85	4	220	105	48	2.0	9.0	14.0	369.9	23.0
S 1+75 TO 2+35	5	252	140	124	2.0	9.0	14.0	469.3	23.0
SUBTOTAL		744	513	355	10.0	45.0	70.0		115.0
TOTAL		1612			125.0			1492.3	115.0

**PAVEMENT DELINEATION
 QUANTITIES**
PDQ-1

LAST REVISION | DATE PLOTTED => 29-MAR-2010
 03-29-10 TIME PLOTTED => 13:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	24	42
		Lily Y. Ting 2/25/10		REGISTERED CIVIL ENGINEER DATE	
		3-29-10		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>					

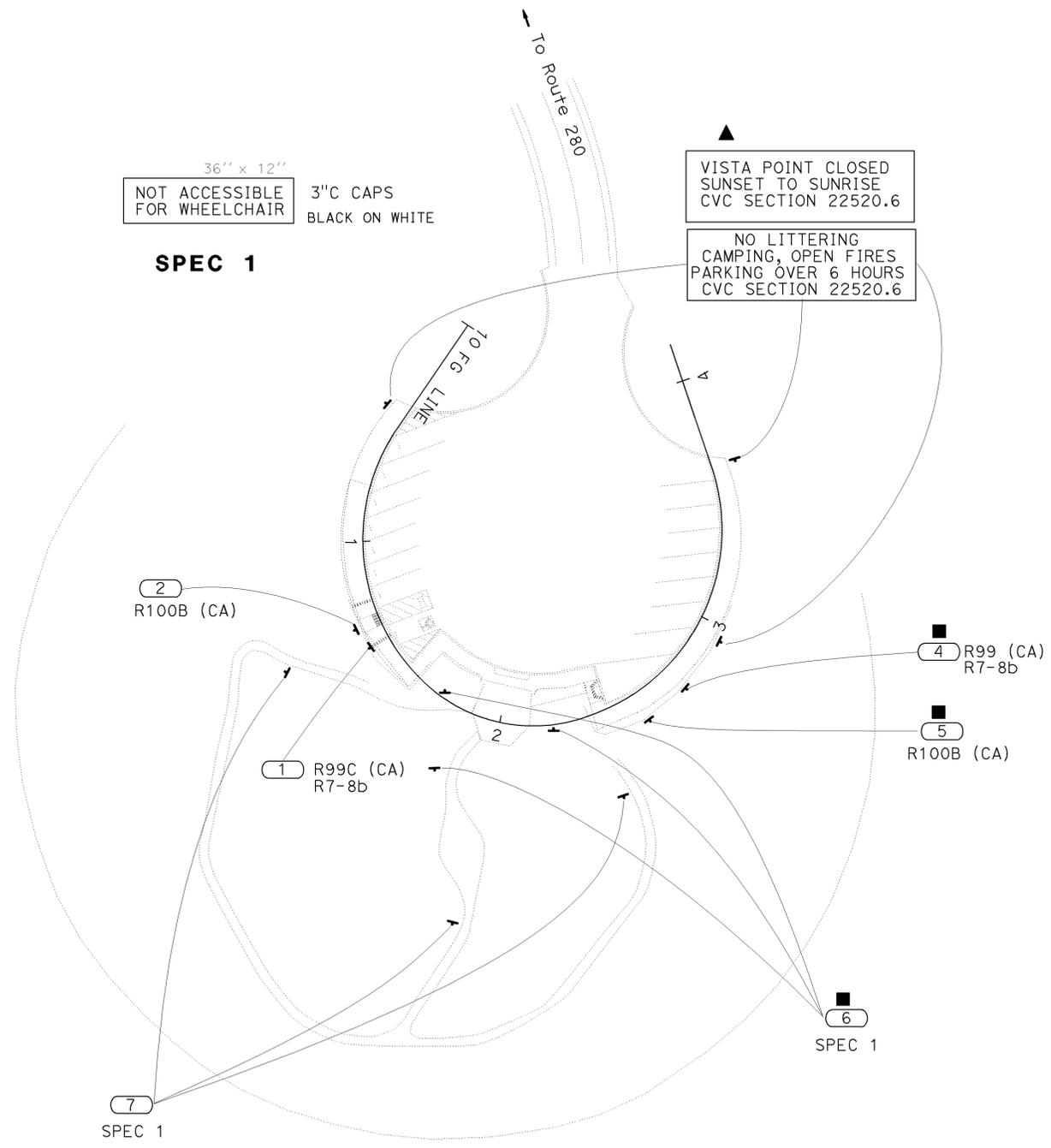


NOTES

1. EXACT LOCATION AND POSITION OF ROADSIDE SIGNS TO BE DETERMINED BY THE ENGINEER
2. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES PRIOR TO DRILING HOLES OR PREPARING SIGN FOUNDATIONS
3. POST LENGTH GIVEN IS APPROXIMATE. EXACT SIZE AND LENGTH OF WOOD POSTS TO BE DETERMINED BY THE ENGINEER.

LEGEND

- (No.) ROADSIDE SIGN (NUMBER)
- REMOVE AND DISPOSE EXISTING SIGN
- ▲ EXISTING SIGN TO REMAIN



LOCATION 1
SM 280 PM 9.4

SIGN PLAN
NO SCALE

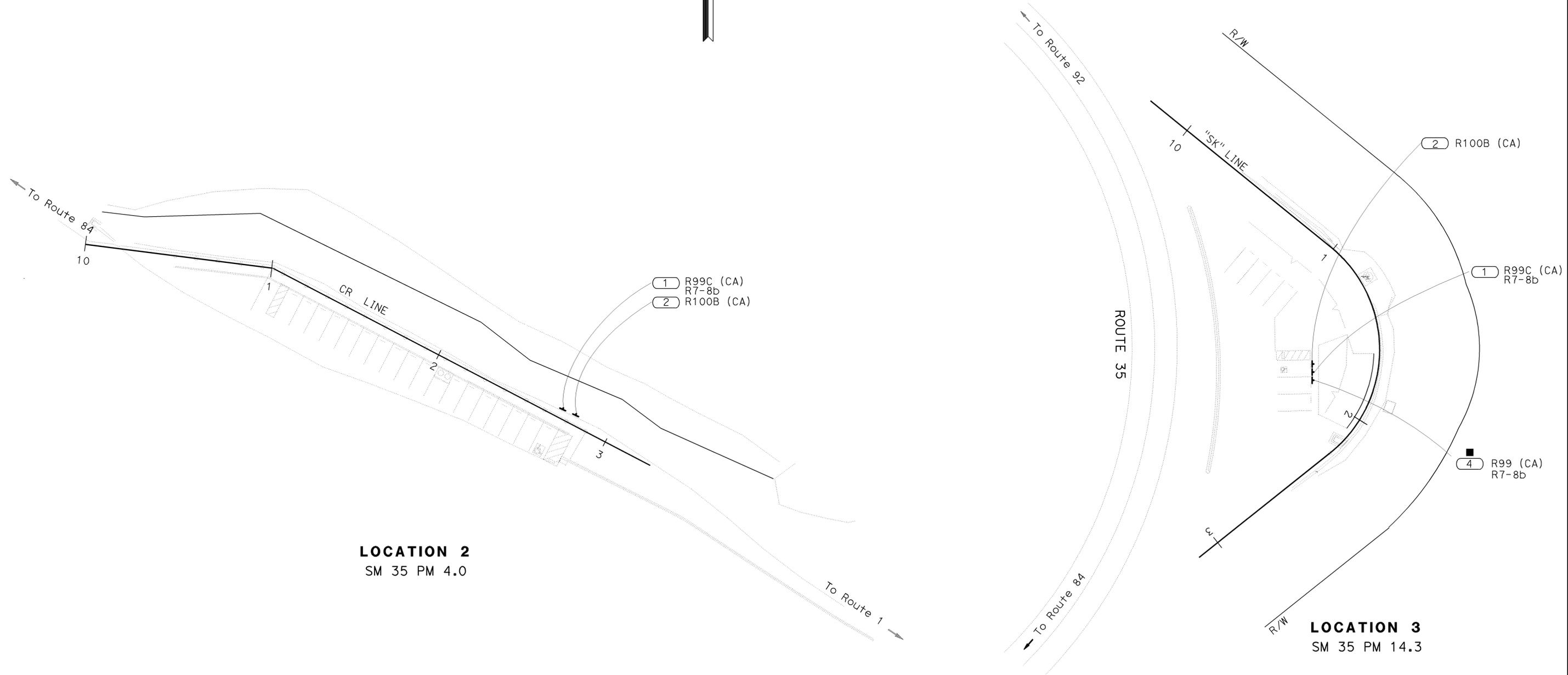
THIS PLAN ACCURATE FOR
SIGN WORK ONLY

S-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	JERILYN STRUVEN	LILLY Y. TING	ULICES F. VEGA
TRAFFIC	CHECKED BY	DATE	REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	25	42
<i>Lily Ting</i> 2/25/10 REGISTERED CIVIL ENGINEER DATE					
3-29-10			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	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
Caltrans	JERILYN STRUVEN	DESIGNED BY	LILLY Y. TING	
TRAFFIC		CHECKED BY	ULICES F. VEGA	



- 1 R99C (CA)
R7-8b
- 2 R100B (CA)

- 1 R99C (CA)
R7-8b

- 4 R99 (CA)
R7-8b

LOCATION 2
SM 35 PM 4.0

LOCATION 3
SM 35 PM 14.3

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET S-1

THIS PLAN ACCURATE FOR SIGN WORK ONLY

SIGN PLAN
NO SCALE

S-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	27	42

Lily Ting 2/25/10
 REGISTERED CIVIL ENGINEER DATE

3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Lily Y. Ting
 No. 37330
 Exp. 6-30-10
 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.

ROADSIDE SIGN INSTALLATION

LOCATION No.	SIGN No.	CODE	PANEL SIZE	POST SIZE & LENGTH		ROADSIDE SIGNS		REMOVE ROADSIDE SIGN	REMARKS
				4" x 6"	6" x 6"	ONE POST	TWO POST		
1	1	R99C(CA) R7-8b	12" x 24" 12" x 6"	13.5'		1			MOUNT ON SAME POST
	2	R100B(CA)	24" x 24"		13.5'		1		
	4	R99C(CA) R7-8b						1	
	5	R100B(CA)						1	
	6	SPEC 1						3	
	7	SPEC 1	36" x 12"	13.5'			3		
	EA								
2	1	R99C(CA) R7-8b	12" x 24" 12" x 6"	13.5'		1			MOUNT ON SAME POST
	2	R100B(CA)	24" x 24"		13.5'		1		
3	1	R99C(CA) R7-8b	12" x 24" 12" x 6"	13.5'		1			
	2	R100B(CA)	24" x 24"		13.5'		1		
	4	R99(CA) R7-8b						1	
4	1	R99C(CA) R7-8b	12" x 24" 12" x 6"	13.5'		1			MOUNT ON SAME POST
	2	R100B(CA)	24" x 24"		13.5'		1		
	4	R99(CA) R7-8b						1	
	5	R100B(CA)						1	
5	1	R99C(CA) R7-8b	12" x 24" 12" x 6"	13.5'		1			MOUNT ON SAME POST
	2	R100B(CA)	24" x 24"		13.5'		1		
	5	R100B(CA)						1	
	6	R99(CA)						1	
TOTAL						13		10	

CALIFORNIA SIGN CODES ARE DESIGNATED BY (CA). OTHERWISE, FEDERAL CODES ARE SHOWN

ABBREVIATIONS

- L LENGTH OF SIGN
- D DEPTH OF SIGN

SIGN PANEL SUMMARY

SIGN No.	SIGN CODE	PANEL SIZE (LxD)	SIGN AREA	No. OF SIGNS	SINGLE FACED	DOUBLE FACED	BACKGROUND		LEGEND		PROTECTIVE OVERLAY		ROADSIDE SIGNS SINGLE SHEET			DESCRIPTION
							SHEETING COLOR	RETRO-REFLECTIVE ASTM TYPE	SHEETING COLOR	RETRO-REFLECTIVE ASTM TYPE	STANDARD	PREMIUM	0.063"	0.080"	0.125"	
1	R99C(CA)	12" x 24"	2.00	5	X		BLUE	III	WHITE	III		X	10.00			ACCESSIBLE PARKING ONLY MIN FINE VAN ACCESSIBLE
	R7-8b	12" x 6"	0.50	5	X		BLUE	III	WHITE	III		X	2.50			
2	R100B(CA)	24" x 24"	4.00	5	X		WHITE	III	BLACK	0		X	20.00			DISABLED TOW-AWAY
7	SPEC 1	36" x 12"	3.00	3	X		WHITE	III	BLACK	0		X	9.00			NOT ACCESSIBLE FOR WHEELCHAIR
TOTAL												41.50				

CALIFORNIA SIGN CODES ARE DESIGNATED BY (CA). OTHERWISE, FEDERAL CODES ARE SHOWN

SIGN QUANTITIES

SQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 TRAFFIC
 FUNCTIONAL SUPERVISOR: JERILYN STRUVEN
 CHECKED BY: LILLY Y. TING
 DESIGNED BY: ULICES F. VEGA
 REVISIONS: REVISION BY DATE REVISION BY DATE

LAST REVISION: DATE PLOTTED => 29-MAR-2010
 03-29-10 TIME PLOTTED => 13:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	28	42

 2/23/10
 REGISTERED CIVIL ENGINEER DATE
 3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.

REMOVE MISCELLANEOUS HIGHWAY FACILITIES

STATION	LOCATION No.	ASPHALT DIKE	TIMBER RAILING	PIPE HAND RAILING	BARRIER POST	TABLE	PARKING BUMPER (PRECAST CONCRETE)	RETAINING WALL (PORTION)	STONE STEP	PLANTER BOX	TRASH CAN	ASPHALT CONCRETE
		LF	EA	LS	EA	CY						
FG 11+28 TO 11+62	1							1				
CR 10+48 TO 12+88	2	18		240			20				2	
SK 10+58 TO 12+24	3				4				1	1		20
SL 11+10 TO 11+85	4		76		7							
S 1+75 TO 2+35	5		373		5						2	
TOTAL		18	449	240	16	4	20	1	1	1	4	20

SITE FURNISHINGS

LOCATION No.	BENCH (N)	PICNIC TABLE (N)	TRASH CAN (N)
	EA		
1	3		1
2			2
3		4	4
4	3		
5	1		2
TOTAL	6	4	9

(N) = NOT A SEPARATE PAY ITEM FOR INFORMATION ONLY

MINOR CONCRETE (EXPOSED AGGREGATE FINISH)

STATION	LOCATION No.	SOYD
PG 11+54	1	240
PG 12+00		240
PG 12+39		240
TOTAL		720

REMOVE CONCRETE

STATION	LOCATION No.	SIDEWALK	CURB TYPE A1-6	CURB RAMP	CY	
FG 11+50 TO 12+44	1	30.5				0.7
SL 11+50 TO 12+50	4		14.4	0.1		
S 2+60 TO 2+80	5		2.8			
SUBTOTALS		30.5	17.2	0.1		0.7
TOTAL		48.5				

EARTHWORK QUANTITIES

STATION	LOCATION No.	ROADWAY EXCAVATION	EMBANKMENT (N)
		CY	
SK 10+58 TO 12+24	3	98.4	29.4
TOTAL		98.4	29.4

(N) = NOT A SEPARATE PAY ITEM FOR INFORMATION ONLY

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

STATION	LOCATION No.	CURB TYPE A1-6	CURB RAMP	CY	
FG 11+30	1				1.32
SK 10+58 TO 12+23.63	3			4.68	
SL 11+10 TO 12+50	4			0.66	
S 1+17 TO 2+20	5			0.66	1.32
SUBTOTAL				6.00	2.64
TOTAL				8.64	

ROADWAY QUANTITIES

STATION	LOCATION No.	HOT MIX ASPHALT (TYPE A)	TIMBER RAILING	PARKING BUMPER (PRECAST CONCRETE)	PIPE HAND RAILING	COLD PLANE ASPHALT CONCRETE (PAVEMENT)	DRAINAGE INLET MARKER
		CY	LF	EA	LF	SOYD	EA
FG 10+51 TO 11+59	1			8			
CR 11+00 TO 12+88	2	13.7		19	187	124.5	1
SK 10+58 TO 12+24	3	37.8		7		343.6	
SL 11+10 TO 11+85	4	13.1	80.0	12		119.1	1
S 1+75 TO 2+35	5	12.5	373.0	15		113.6	1
TOTAL		77.1	449.0	61	187	700.8	3

MINOR CONCRETE (SIDEWALK)

STATION	LOCATION No.	CY
FG 11+50 TO 12+44	1	50
SL 11+10 TO 12+50	4	14.36
S 1+17 TO 2+20	5	7.94
TOTAL		72.30

SALVAGE BENCHMARK

LOCATION No.	COUNTY	ROUTE	PM	EA
3	SM	35	14.3	1
TOTAL				1

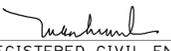
SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: CUOI LUONG, TUAN HUYNH
 REVISIONS: CVL 2/26/10
 BORDER LAST REVISED 4/11/2008



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	29	42

 2/23/10
 REGISTERED CIVIL ENGINEER DATE
 3-29-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Tuan P. Huynh
 No. 63928
 Exp. 9-30-10
 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans SPECIAL PROJECTS
 FUNCTIONAL SUPERVISOR
 ARLISSA PANG
 CALCULATED-DESIGNED BY
 CHECKED BY
 CUOI LUONG
 TUAN HUYNH
 REVISED BY
 DATE REVISED
 CVL
 2/26/10

RETAINING WALL

STATION	LOCATION No.	STRUCTURE EXCAVATION (RETAINING WALL)	STRUCTURE BACKFILL (RETAINING WALL)	STRUCTURAL CONCRETE, RETAINING WALL	BAR REINFORCING STEEL (RETAINING WALL)	ARCHITECTURAL ROCK TREATMENT
		CY	CY	CY	Lb	SQFT
FG 11+28 TO 11+62	1	70	40	20	3000	90
FG 12+39		20	20	5	700	13
SK 10+58 TO 12+24	3	50	40	11	2000	680
TOTAL		140	100	36	5700	783

RETAINING WALL QUANTITIES

R-1

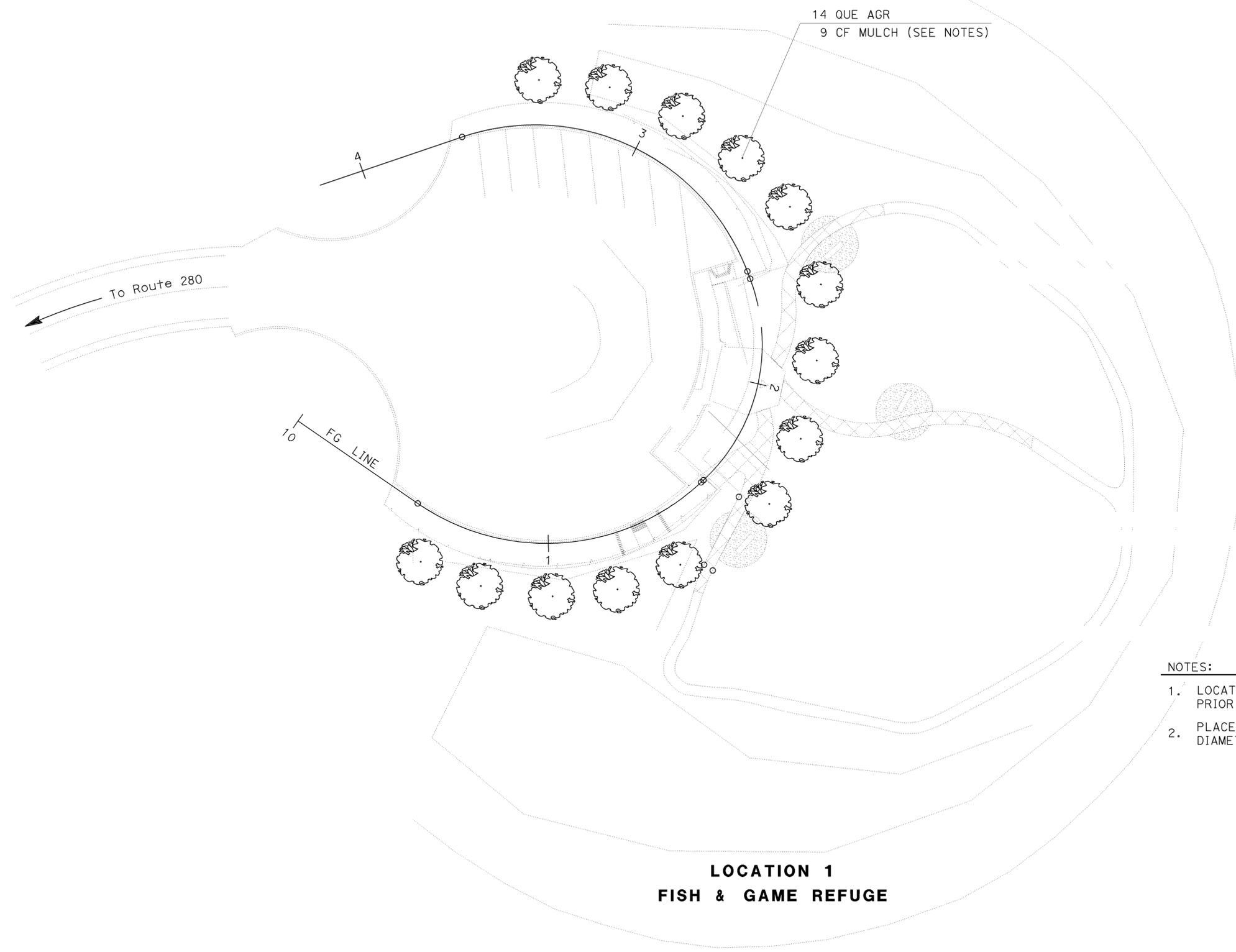
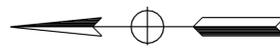
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 03-29-10 | TIME PLOTTED => 13:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI, SM	35,280	Var	31	42


 LICENSED LANDSCAPE ARCHITECT
 3-29-10
 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. LOCATION OF TREES TO BE APPROVED BY THE ENGINEER PRIOR TO PLANTING.
 2. PLACE 9 CF OF MULCH IN A 6 FT DIAMETER CIRCLE AROUND EACH TREE.

**LOCATION 1
FISH & GAME REFUGE**

THIS PLAN IS ACCURATE FOR PLANTING WORK ONLY

PLANTING PLAN
SCALE: 1" = 20'
PP-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE	SENIOR LANDSCAPE ARCHITECT	CALCULATED-DESIGNED BY	ROBERT RYERSON	REVISOR	PER
		ROBERT E. RYERSON	CHECKED BY	LORENA WONG	DATE REVISED	3-11-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

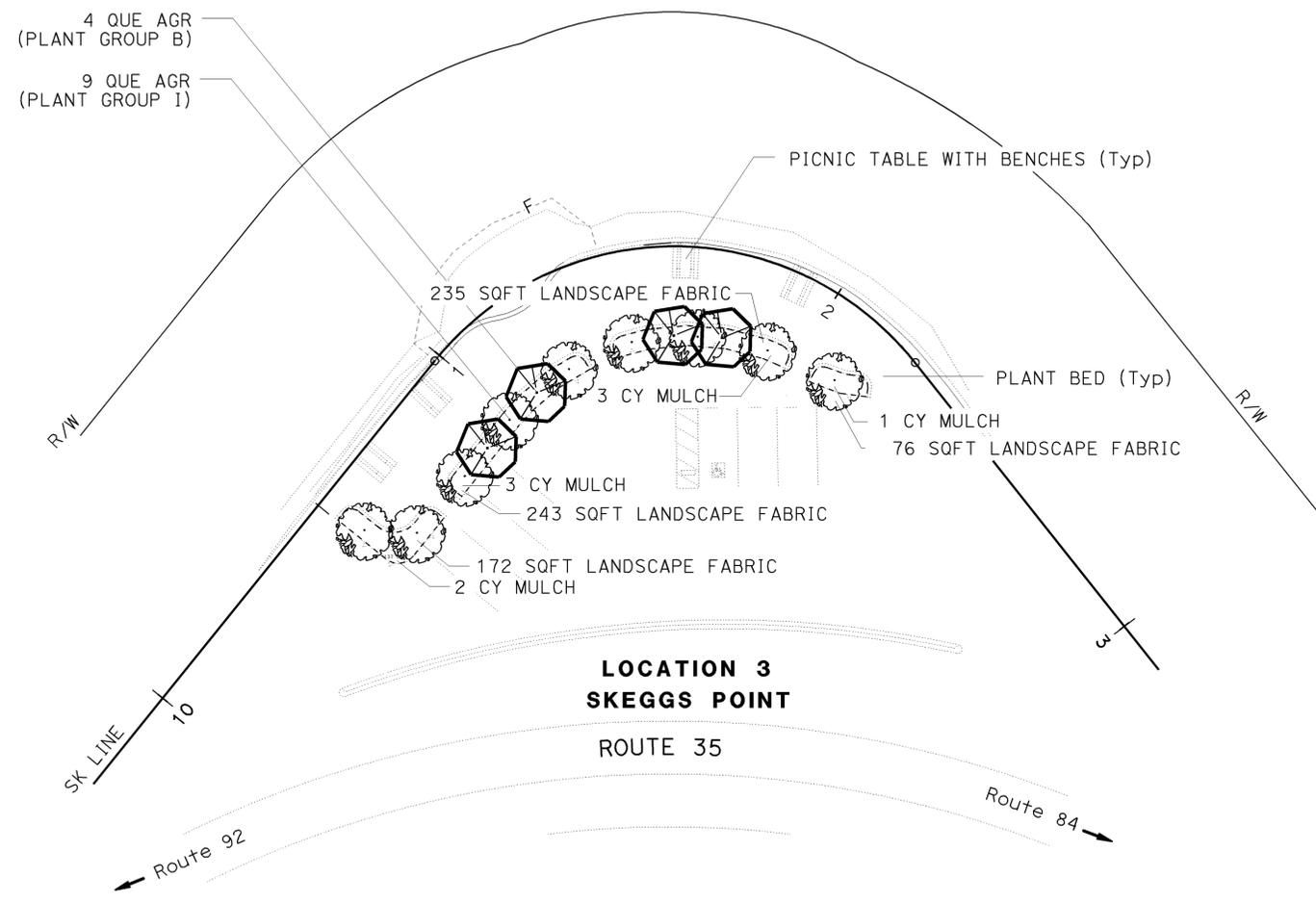
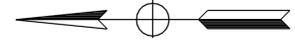
SENIOR LANDSCAPE ARCHITECT
 LORENA WONG

CALCULATED-DESIGNED BY
 CHECKED BY

ROBERT RYERSON
 LORENA WONG

REVISED BY
 DATE REVISED

RER
 3-4-10



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI, SM	35,280	VAR	32	42

LICENSED LANDSCAPE ARCHITECT
 3-29-10
 PLANS APPROVAL DATE

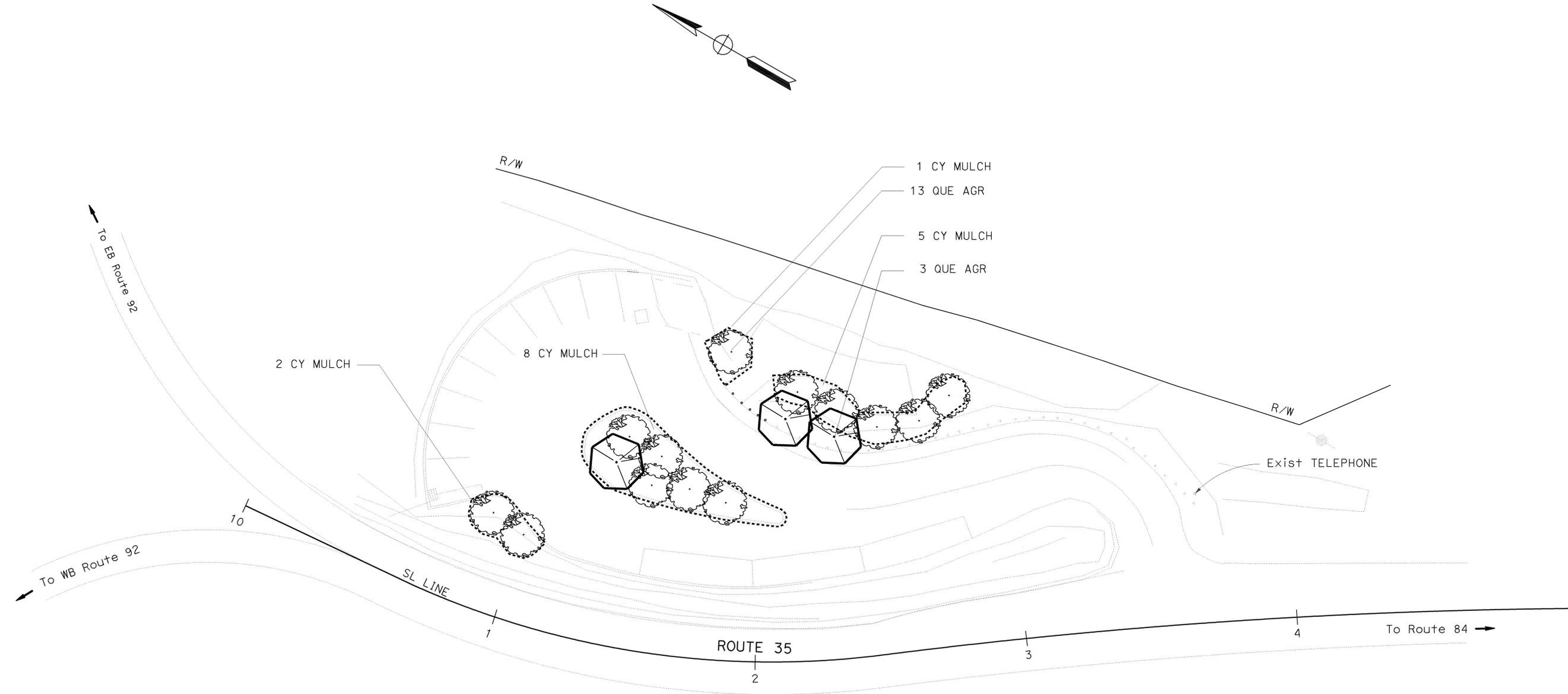
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PLANTING PLAN
 SCALE: 1" = 20'
PP-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI, SM	35,280	Var	33	42
 LICENSED LANDSCAPE ARCHITECT					
3-29-10 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	ROBERT RYERSON	REVISOR	LORENA WONG	REVISOR	LORENA WONG
LANDSCAPE ARCHITECTURE	ROBERT E. RYERSON	ROBERT E. RYERSON	CHECKED BY	LORENA WONG	DATE	3-11-10	DATE	3-11-10



**LOCATION 4
SKYLINE**

PLANTING PLAN
 SCALE: 1" = 20'
PP-3

THIS PLAN IS ACCURATE FOR PLANTING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 ROBERT E. RYERSON

CALCULATED-DESIGNED BY
 CHECKED BY
 ROBERT E. RYERSON
 LORENA WONG

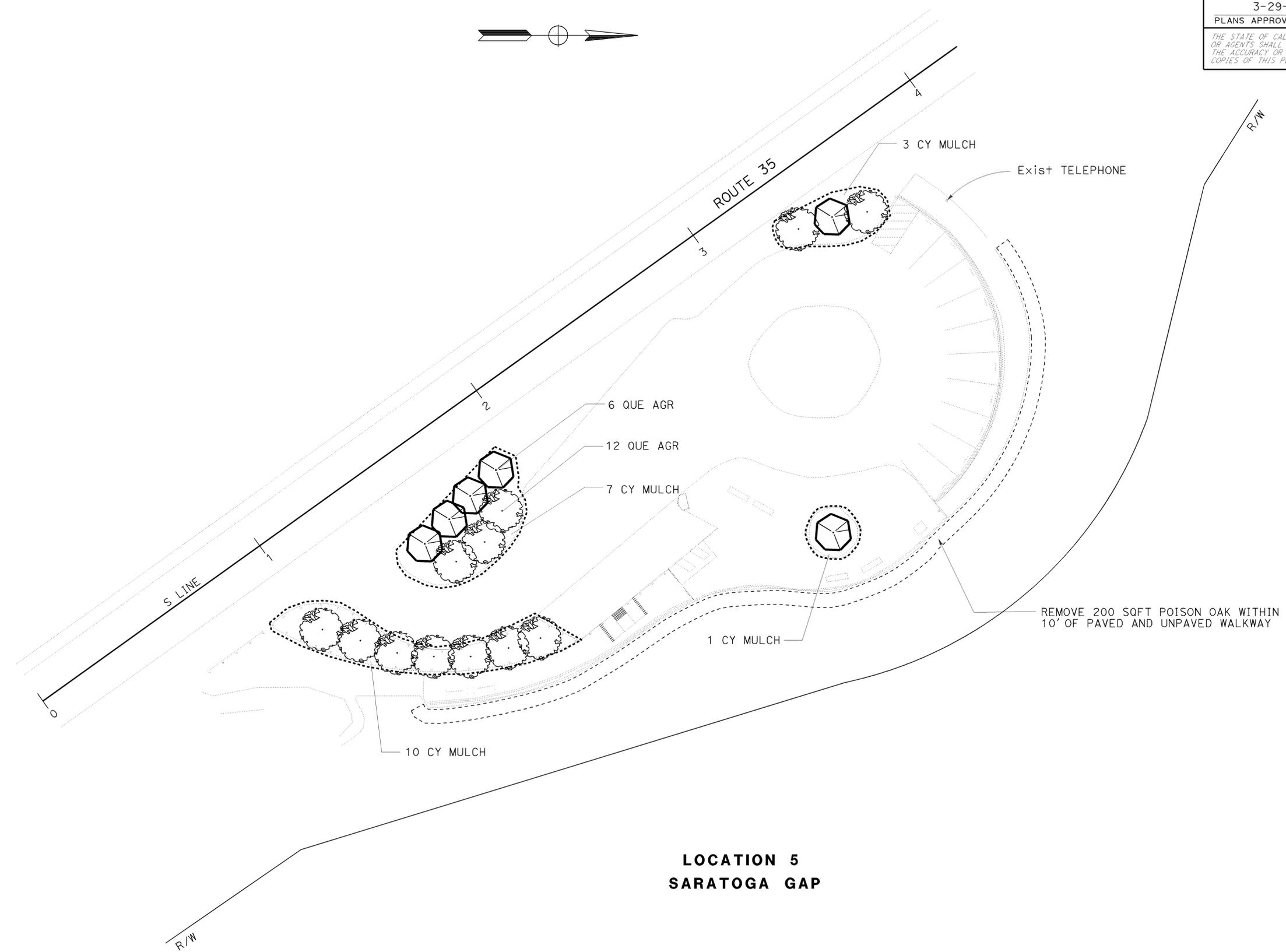
REVISOR
 REVISOR
 ROBERT E. RYERSON
 LORENA WONG

REVISION
 DATE
 3-11-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI, SM	35,280	Var	34	42

Robert E. Ryerson
 LICENSED LANDSCAPE ARCHITECT
 3-29-10
 PLANS APPROVAL DATE

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**LOCATION 5
 SARATOGA GAP**

PLANTING PLAN
 SCALE: 1" = 20' **PP-4**

THIS PLAN ACCURATE FOR PLANTING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI, SM	35, 280	VAR	35	42
 LICENSED LANDSCAPE ARCHITECT 3-29-10 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

Caltrans

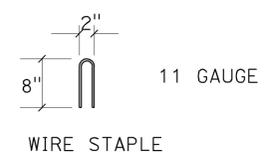
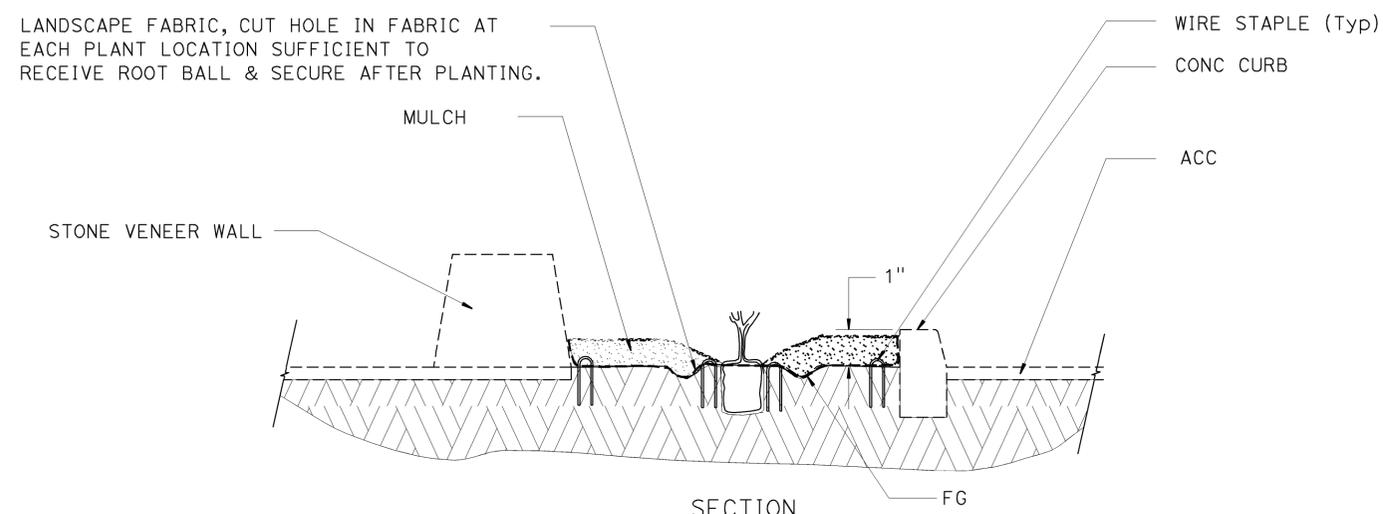
ROBERT RYERSON
LORENA WONG

REVISOR
3-4-10

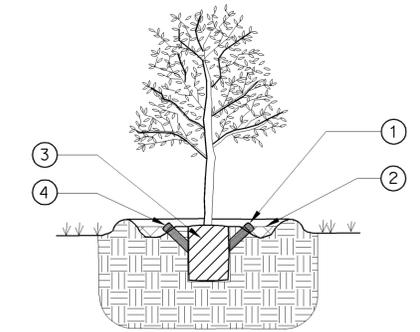
REVISOR
DATE

DESIGNED BY
CHECKED BY

LORENA WONG



- ① SPACE TIME RELEASE WATER ASSEMBLY EVENLY AROUND ROOT BALL
- ② MULCH
- ③ ROOT BALL
- ④ INSTALL TIME RELEASE WATER ASSEMBLY SO THAT BOTTOM IS IN CONTACT WITH THE ROOT BALL, PER THE SPECIAL PROVISIONS.



SECTION
TIME RELEASE WATER INSTALLATION
ALL PLANTS, ALL LOCATIONS

TIME RELEASE WATER ASSEMBLIES OMITTED FOR CLARITY

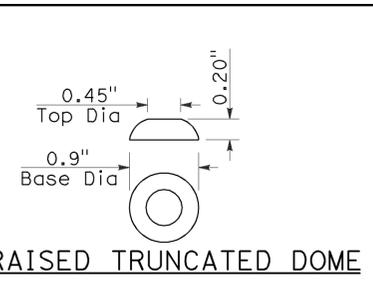
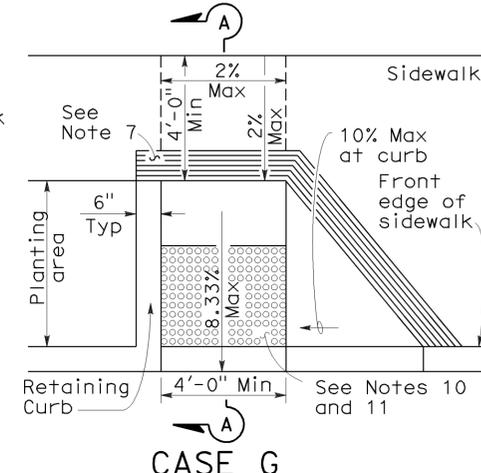
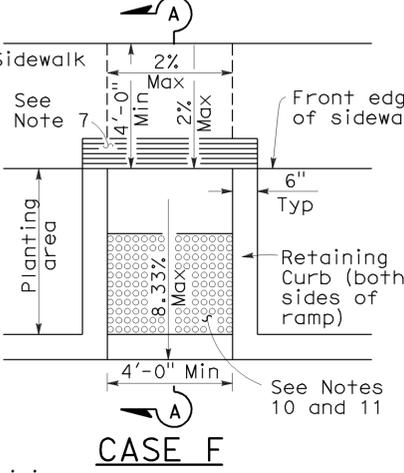
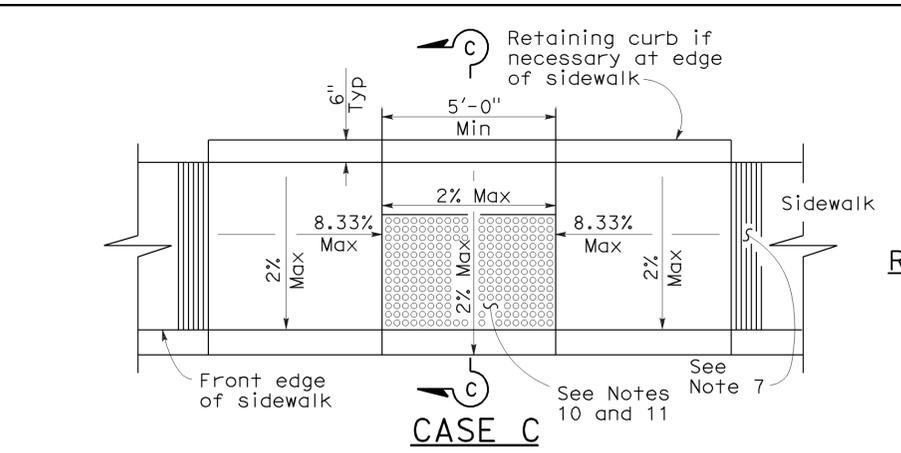
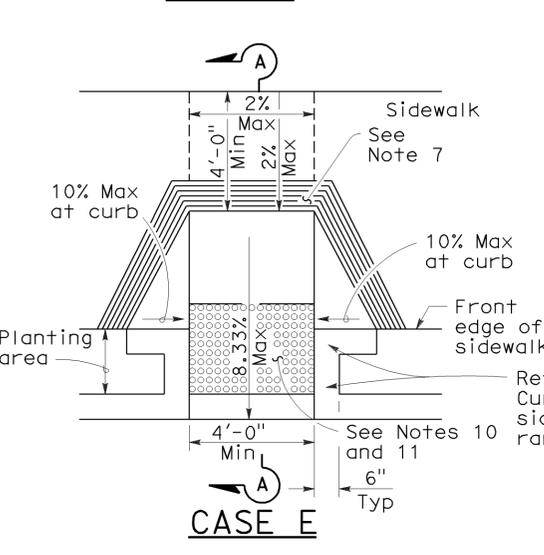
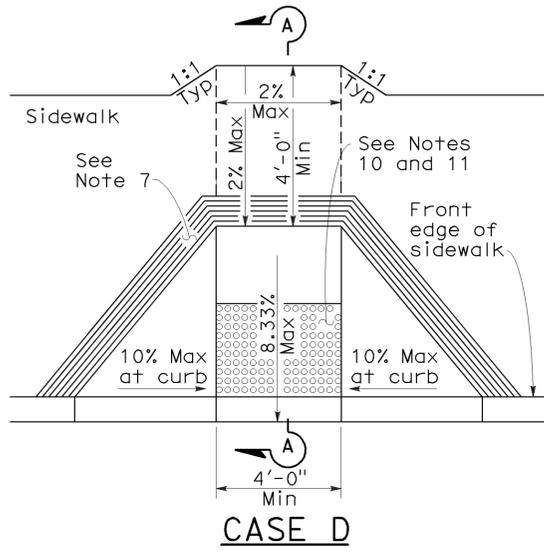
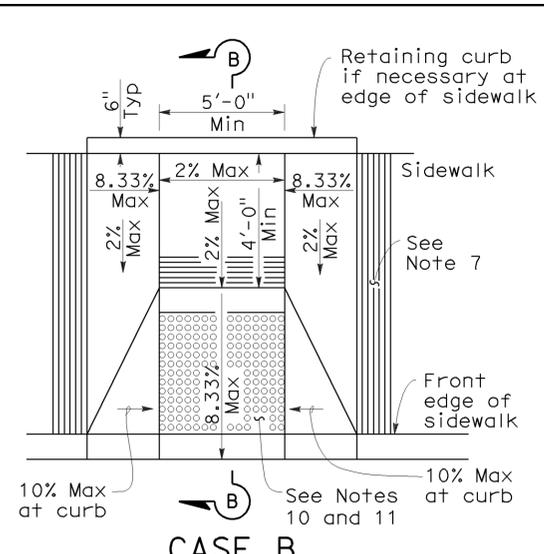
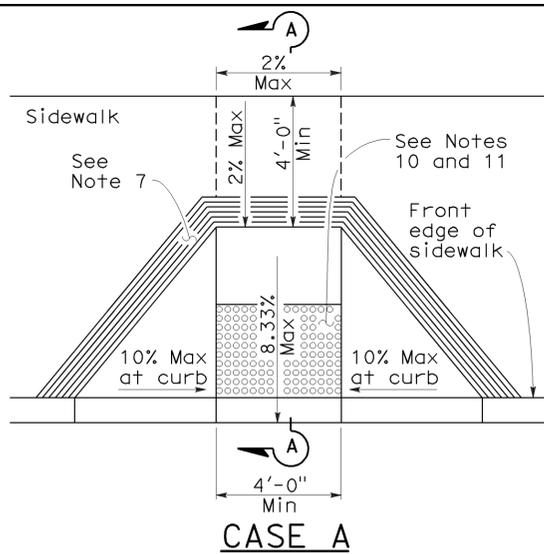
SECTION
PLANTER BED
LOCATION 3
SKEGGS POINT

LANDSCAPE DETAILS
NO SCALE
LD-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	36	42

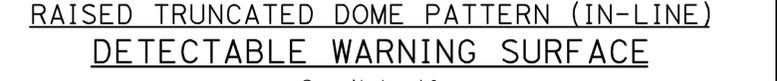
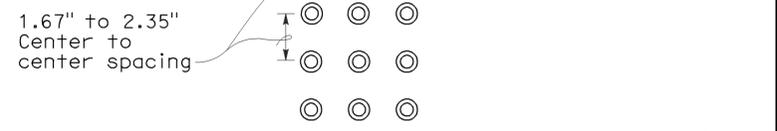
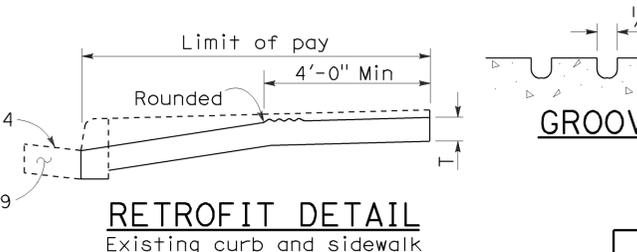
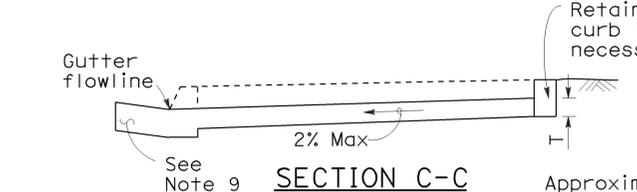
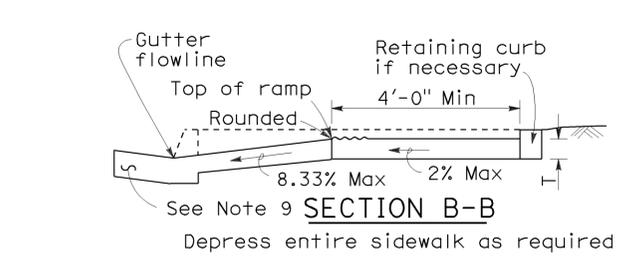
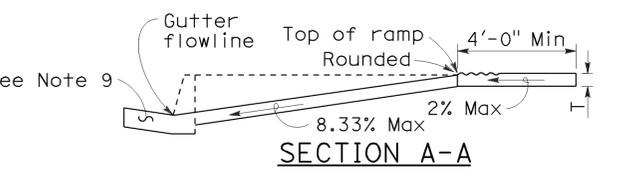
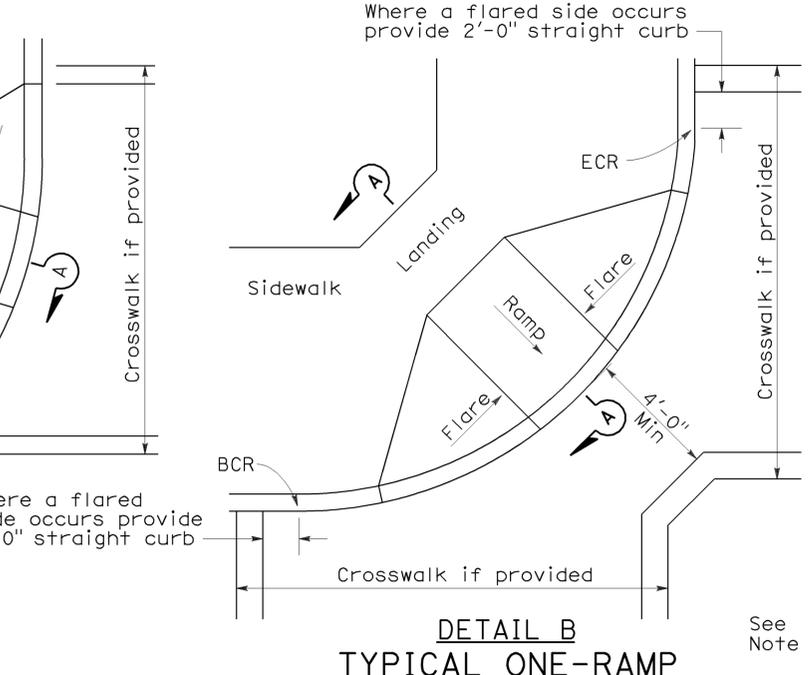
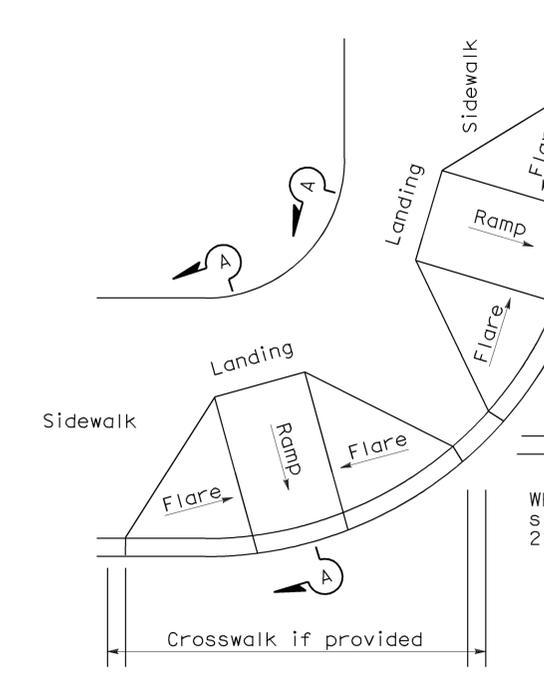
H. David Cordova
 REGISTERED CIVIL ENGINEER
 September 1, 2006
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
Hector David Cordova
No. C41957
Exp. 3-31-08
CIVIL
STATE OF CALIFORNIA



NOTES:

- As site conditions dictate, Case A through Case G curb ramps may be used for corner installations similar to those shown in Detail A and Detail B. The case of curb ramps used in Detail A do not have to be the same. Case A through Case G curb ramps also may be used at mid block locations, as site conditions dictate.
- If distance from curb to back of sidewalk is too short to accommodate ramp and 4'-0" platform (landing) as shown in Case A, the sidewalk may be depressed longitudinally as in Case B, or C or may be widened as in Case D.
- When ramp is located in center of curb return, crosswalk configuration must be similar to that shown for Detail B.
- As site conditions dictate, the retaining curb side and the flared side of the Case G ramp shall be constructed in reversed position.
- If located on a curve, the sides of the ramp need not be parallel, but the minimum width of the ramp shall be 4'-0".
- Side slope of ramp flares vary uniformly from a maximum of 10% at curb to conform with longitudinal sidewalk slope adjacent to top of the ramp, except in Case C and Case F.
- The curb ramp shall be outlined, as shown, with a 1'-0" wide border with 1/4" grooves approximately 3/4" on center. See grooving detail.
- Transitions from ramps and landing to walks, gutters or streets shall be flush and free of abrupt changes.
- Maximum slopes of adjoining gutters, the road surface immediately adjacent to the curb ramp or accessible route shall not exceed 5 percent within 4'-0" of the top and bottom of the curb ramp.
- Curb ramps shall have a detectable warning surface that extends the full width and 3'-0" depth of the ramp. Detectable Warning Surfaces shall conform to the details on this plan and the requirements in the Special Provisions.
- The edge of the detectable warning surface nearest the street shall be between 6" and 8" from the gutter flowline.
- Sidewalk and ramp thickness, "T", shall be 3 1/2" minimum.
- Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
- For retrofit conditions, removal and replacement of curb apron will be at the Contractor's option, unless otherwise shown on project plans.



CURB RAMP DETAILS
NO SCALE

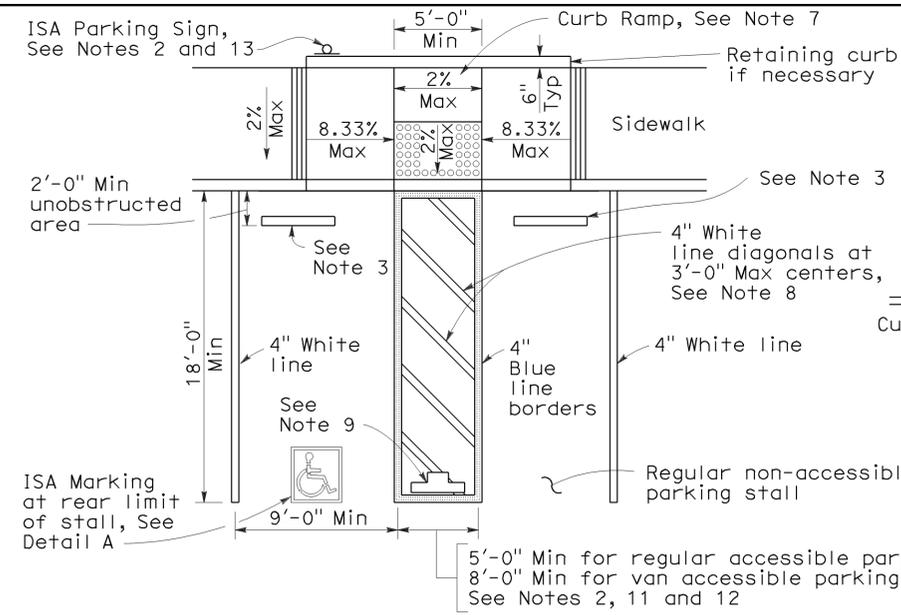
TYPICAL TWO-RAMP CORNER INSTALLATION
See Note 1

TYPICAL ONE-RAMP CORNER INSTALLATION
See Notes 1 and 3

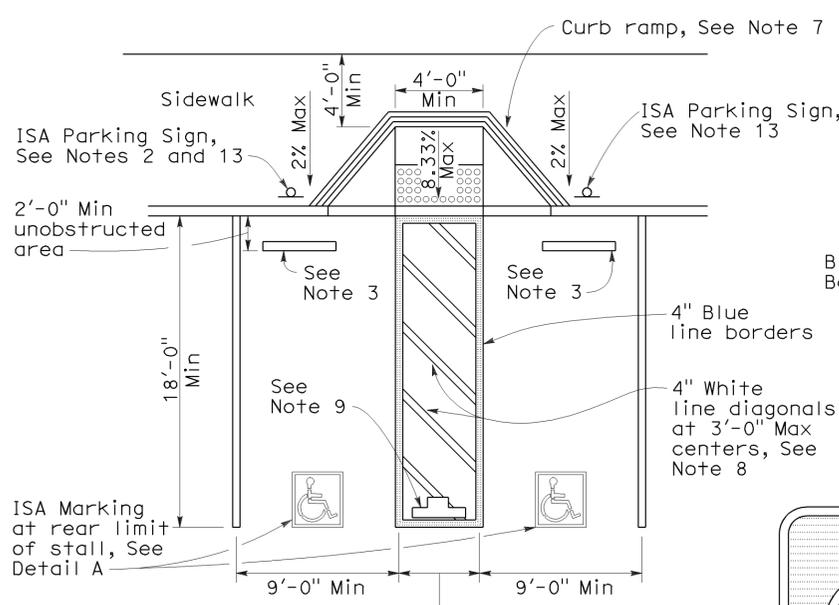
RETROFIT DETAIL
Existing curb and sidewalk

2006 REVISED STANDARD PLAN RSP A88A

To accompany plans dated 3-29-10



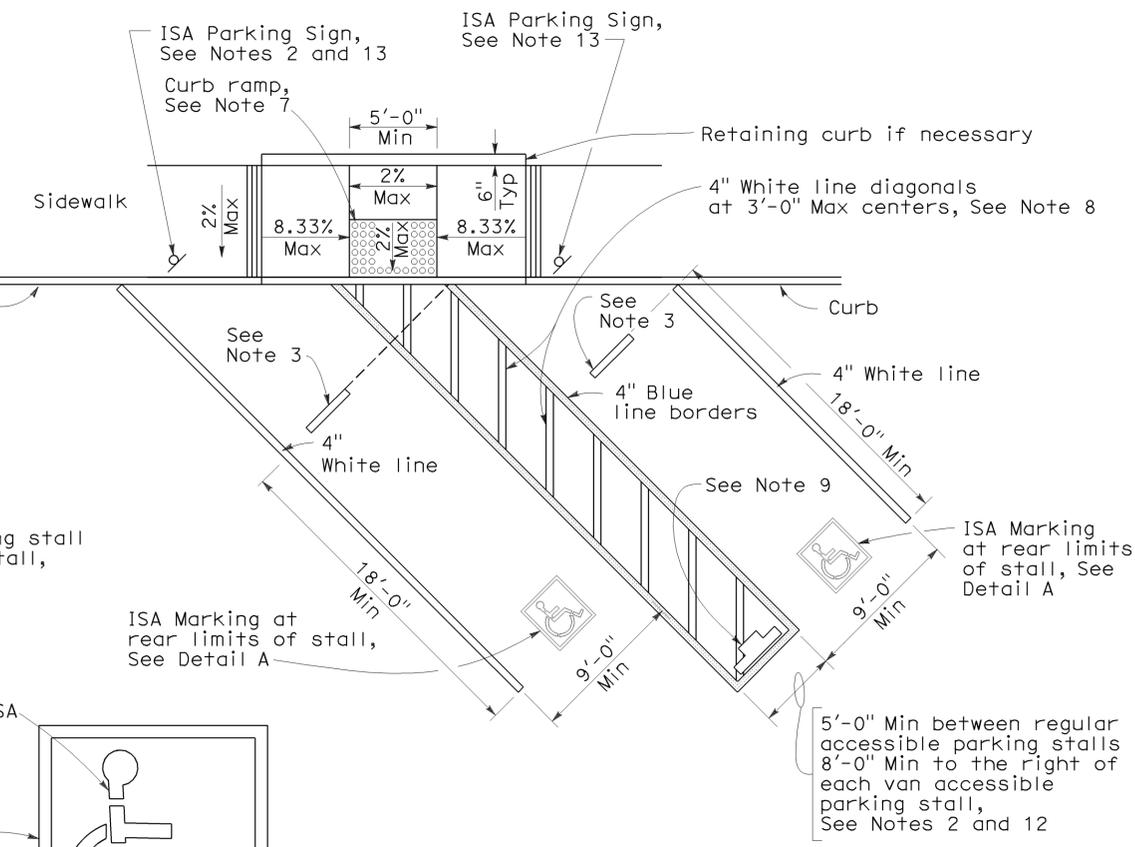
SINGLE PARKING STALL



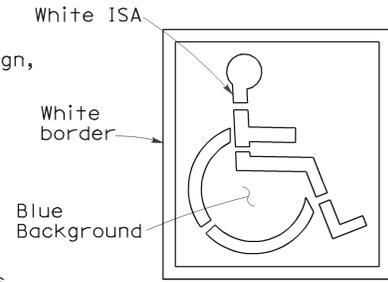
DOUBLE PARKING STALL

TABLE A

Total Number of Parking Spaces or Stalls	Minimum Number of Disabled Accessible Parking Spaces or Stalls
1-25	1
26-50	2
51-75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9
501-1000	2 percent of total
Greater than 1001	20 plus 1 for each 100 or fraction thereof over 1001



DIAGONAL DOUBLE PARKING STALLS



DETAIL A
ISA MARKING
See Revised Std Plan RSP A24C



SIGN R99 (CA)



PLAQUE R99B (CA)
SIGN R99 (CA) with PLAQUE R99B (CA)
See Note 6



SIGN R99C (CA)
See Note 6



SIGN R100B (CA)
See Note 10



SIGN R7-8b
See Notes 2 and 6

NOTES:

1. Accessible parking spaces serving a particular building shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. In parking facilities that do not serve a particular building, accessible parking shall be located on the shortest accessible route of travel to an accessible pedestrian entrance of the parking facility.
2. One in every eight accessible off-street parking stalls, but not less than one, shall be served by an accessible aisle of 8'-0" minimum width and shall be signed van accessible. The R7-8b sign shall be mounted below the R99B (CA) plaque or the R99C (CA) sign.
3. In each parking stall, a curb or bumper shall be provided and located to prevent encroachment of vehicles over the required width of walkways. Parking stalls shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own.
4. Surface slopes of accessible off-street parking stalls shall be the minimum possible and shall not exceed 2 percent in any direction.
5. Table A shall be used to determine the required number of accessible parking stalls in each parking lot or garage.
6. Where Plaque R99B (CA), Sign R99C (CA) or Sign R7-8b are installed, the bottom of the sign or plaque panel shall be a minimum of 7'-0" above the surrounding surface.
7. Curb ramps shall conform to the details shown on Revised Standard Plan RSP A88A.
8. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
9. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high and located so that it is visible to traffic enforcement officials. See Revised Standard Plan RSP A90B for details of the "NO PARKING" pavement marking.
10. A R100B (CA) sign shall be posted in a conspicuous place at each entrance to off-street parking facilities or immediately adjacent to and visible from each stall. The sign shall include the address where the towed vehicle may be reclaimed and the telephone number of the local traffic law enforcement agency.
11. Where a single (non-van) accessible parking space is provided, the loading and unloading access aisle shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
12. Where a van accessible parking space is provided, the loading and unloading access aisle shall be 8'-0" wide minimum, and shall be on the passenger side of the vehicle as the vehicle is going forward into the parking space.
13. Accessible Parking Only Sign shall be Sign R99C (CA) or Sign R99 (CA) with Plaque R99B (CA).

OFF-STREET PARKING SIGNS

(Parking lot or garage)
See Note 6

ISA = International Symbol of Accessibility

ACCESSIBLE PARKING OFF-STREET

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

RSP A90A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A90A
DATED MAY 1, 2006 - PAGE 117 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A90A

2006 REVISED STANDARD PLAN RSP A90A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	38	42

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

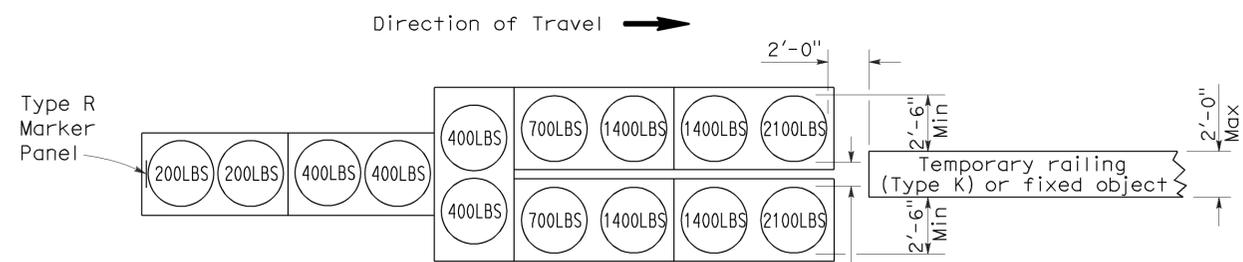
June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

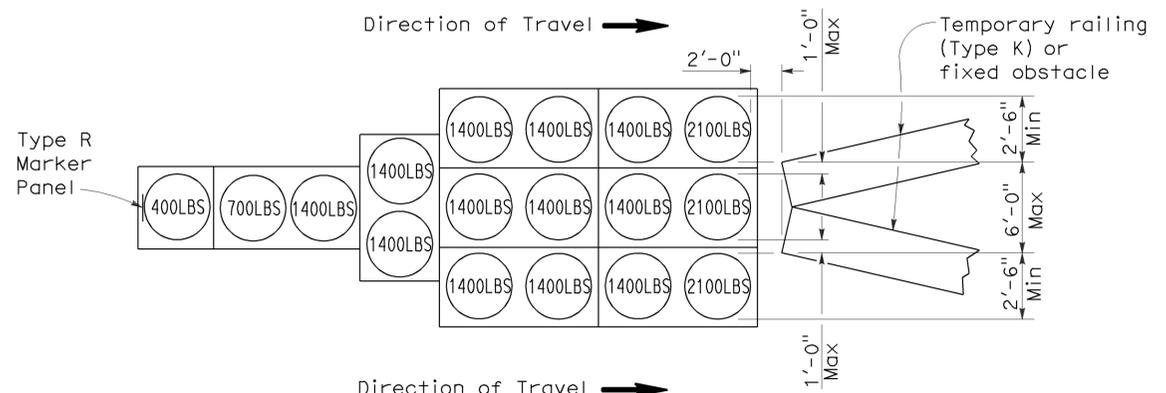
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To accompany plans dated 3-29-10

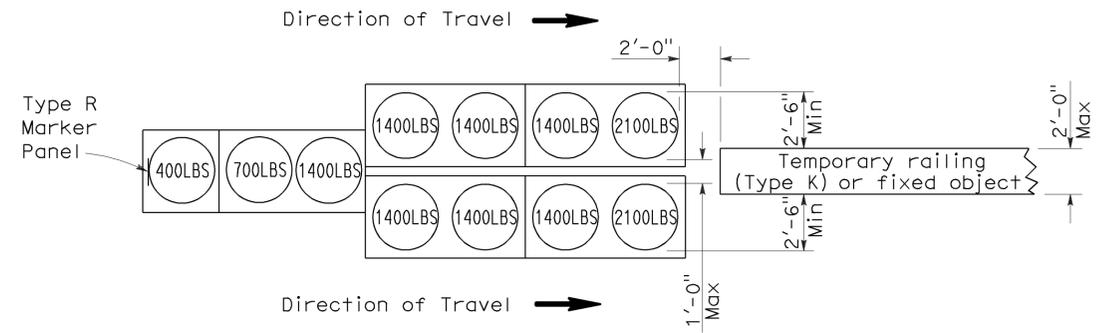
2006 REVISED STANDARD PLAN RSP T1A



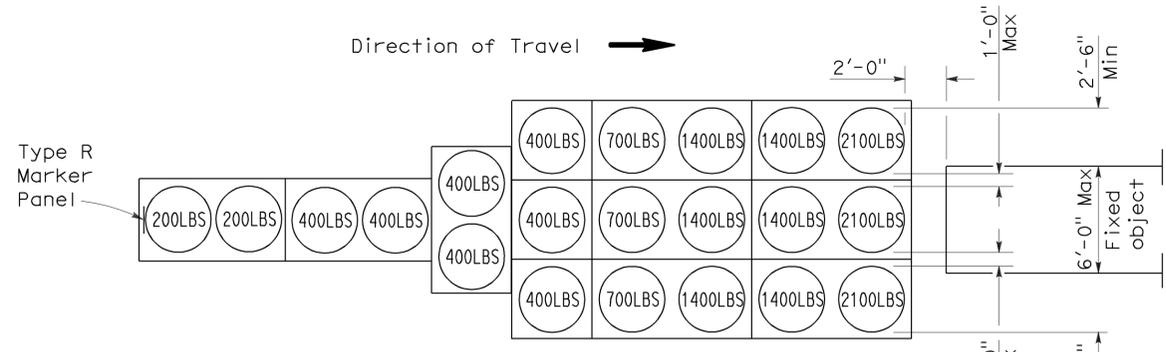
ARRAY 'TU14'
Approach speed 45 mph or more



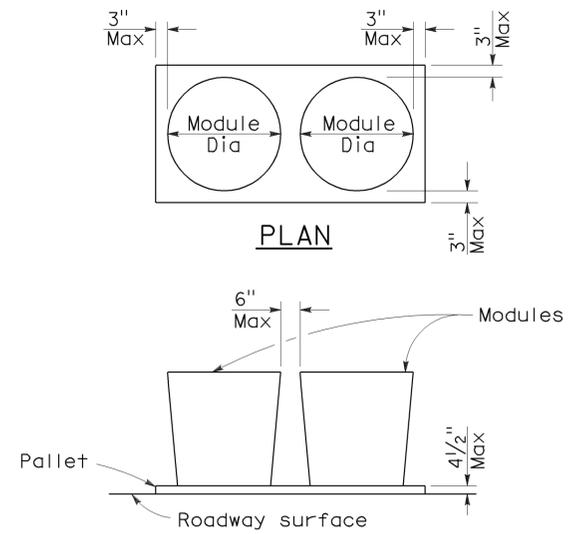
ARRAY 'TU17'
Approach speed less than 45 mph



ARRAY 'TU11'
Approach speed less than 45 mph



ARRAY 'TU21'
Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

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.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

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

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	39	42

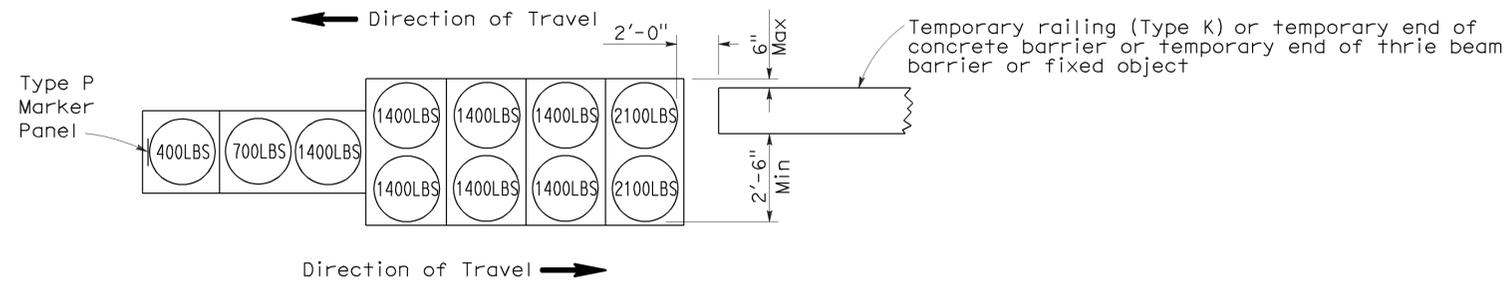
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

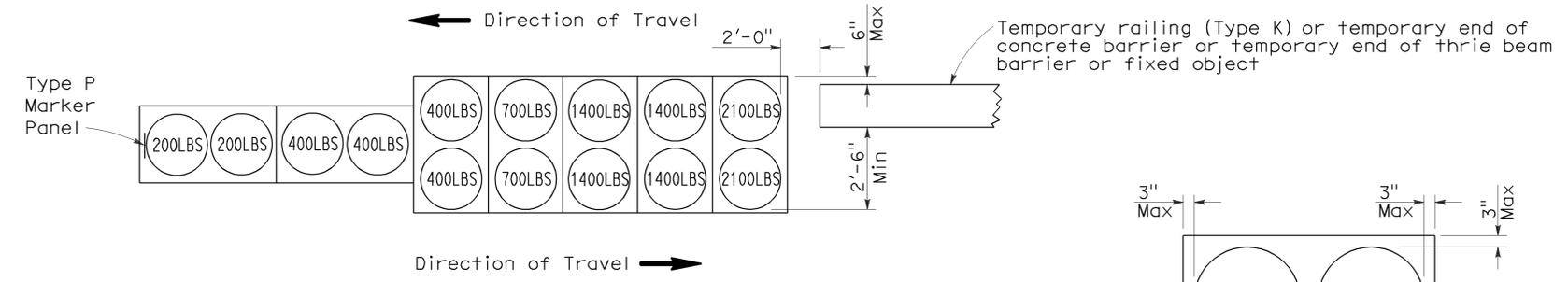
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-29-10



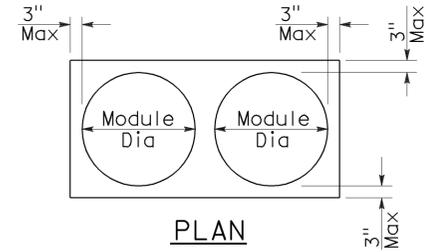
ARRAY 'TB11'

Approach speed less than 45 mph

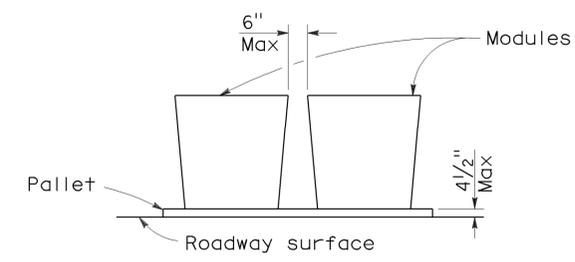


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

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.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	40	42

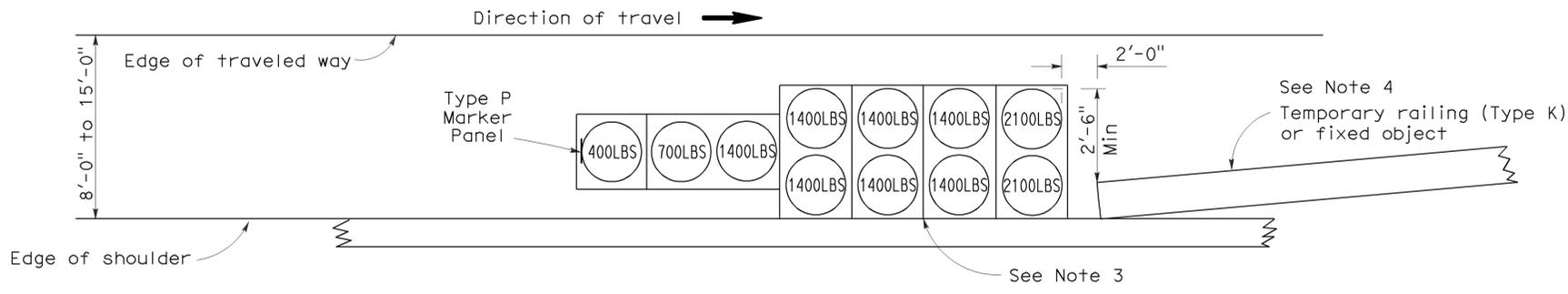
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

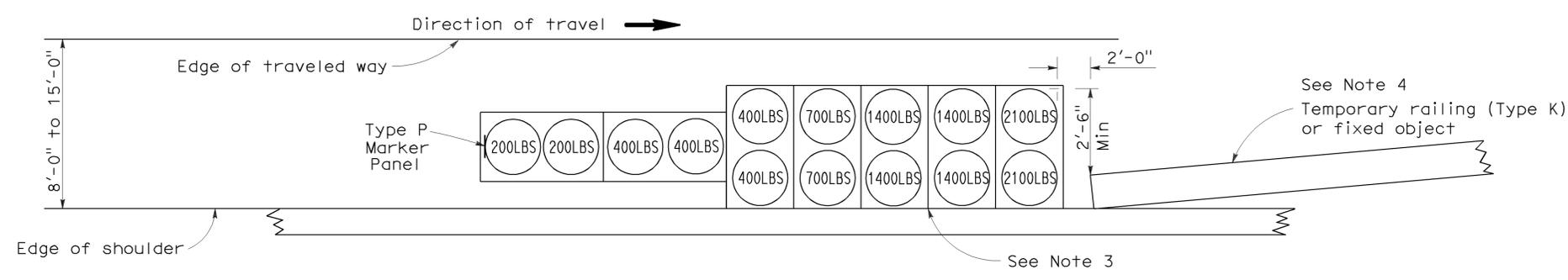
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

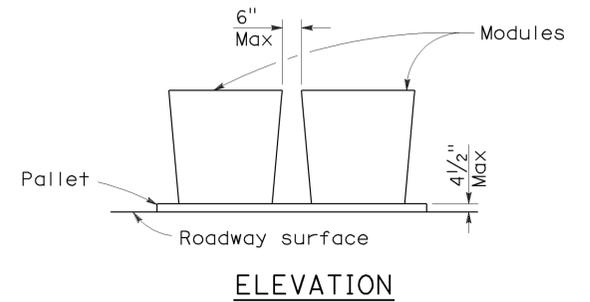
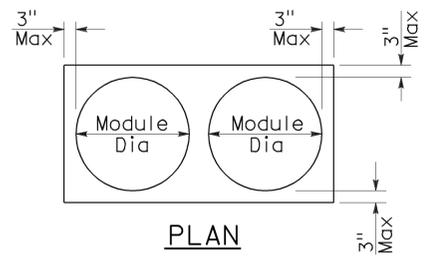
To accompany plans dated 3-29-10



ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

- (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.
- All sand weights are nominal.
- 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.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- 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.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

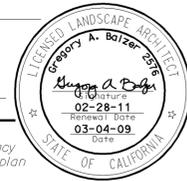
NO SCALE
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SM, SCI	35, 280	Var	42	42

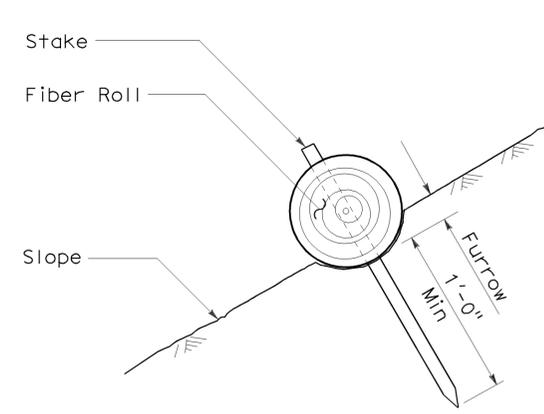
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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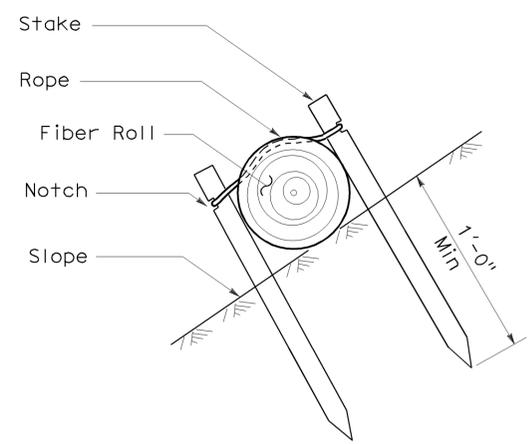
To accompany plans dated 3-29-10

NOTES:

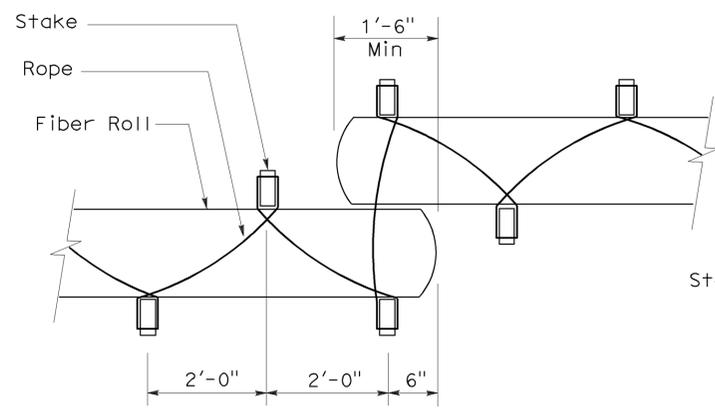
1. Fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



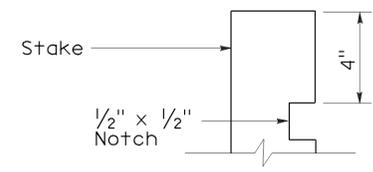
SECTION
FIBER ROLL
(TYPE 1)



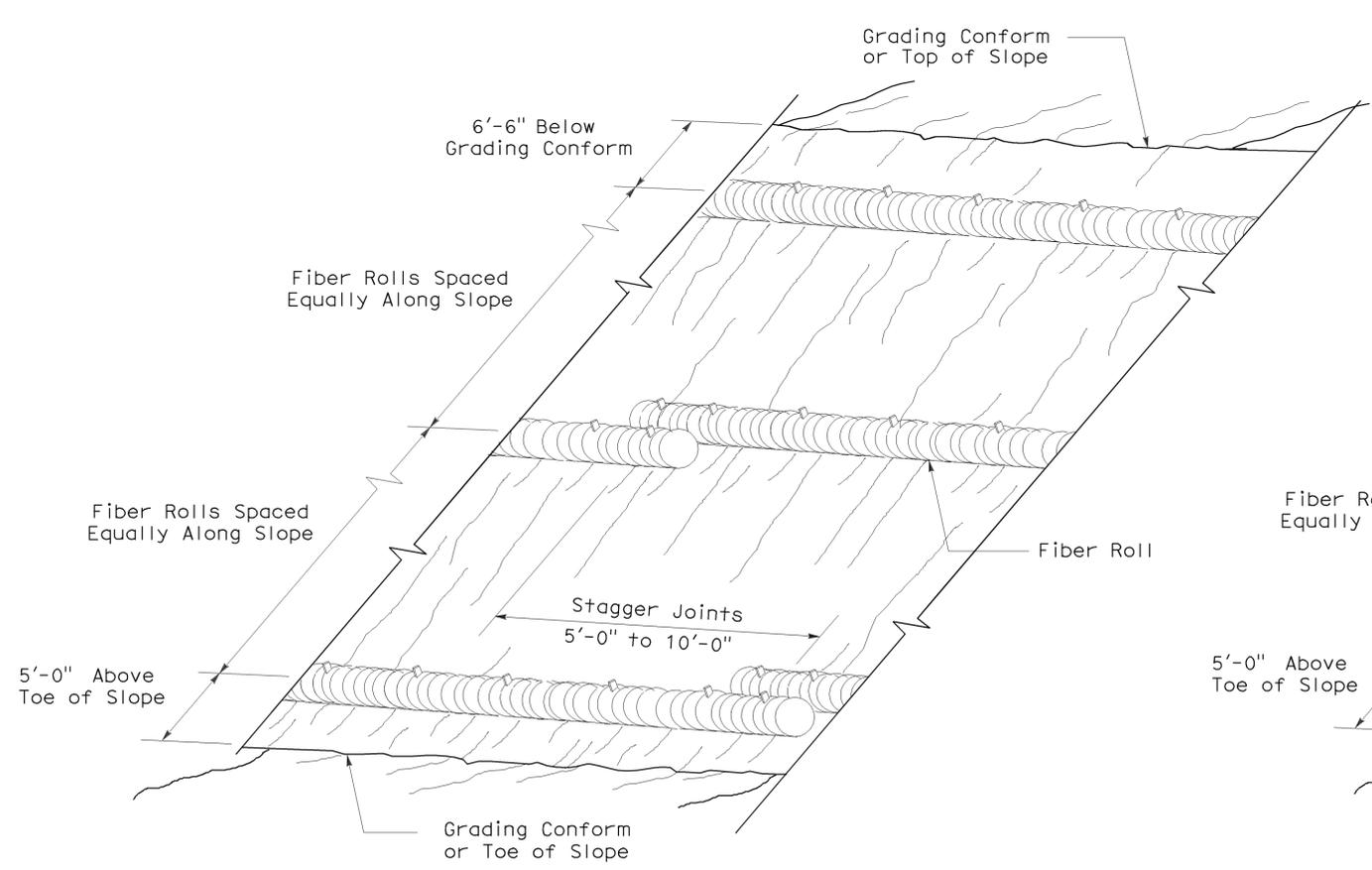
SECTION



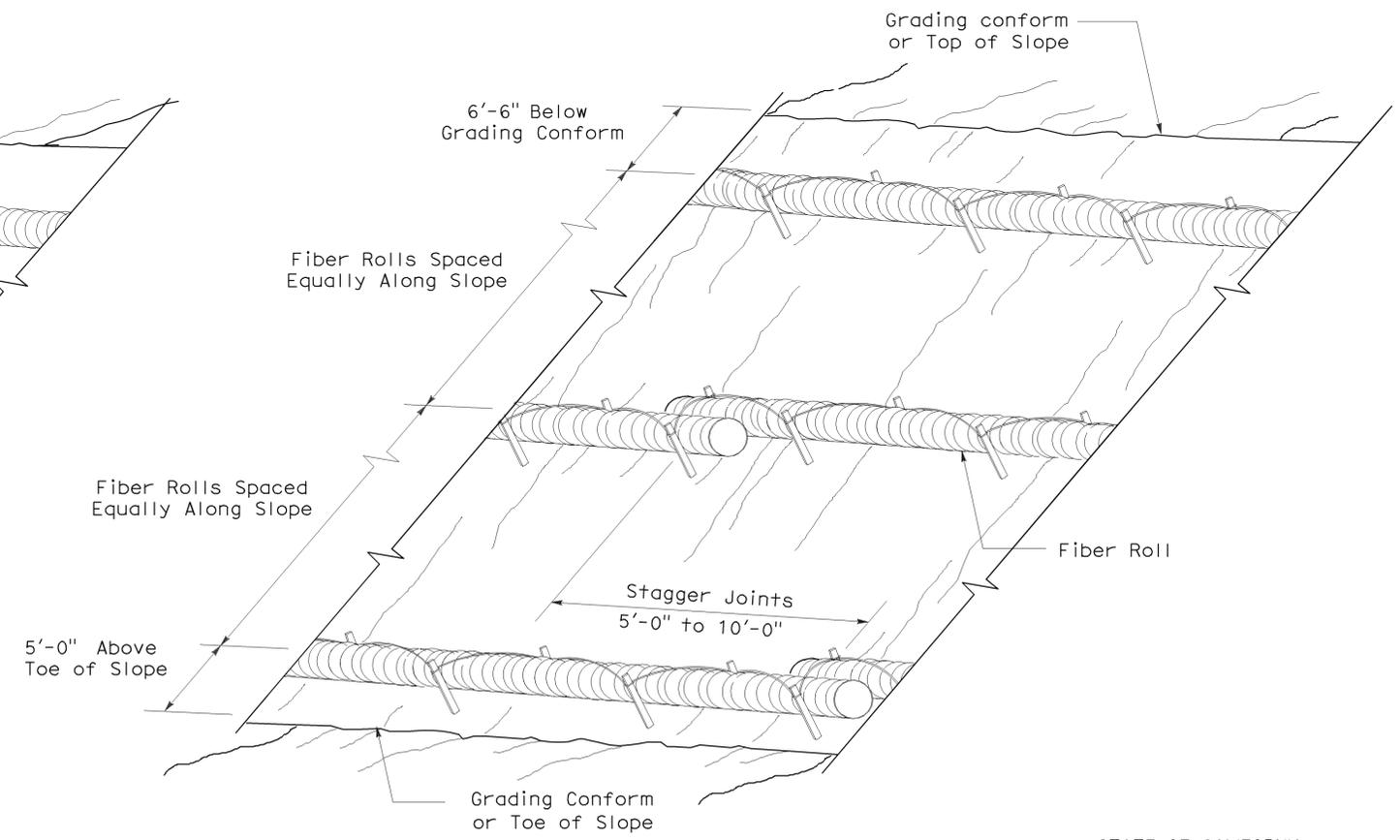
PLAN
FIBER ROLL
(TYPE 2)



ELEVATION
STAKE NOTCH DETAIL



PERSPECTIVE
FIBER ROLL (TYPE 1)



PERSPECTIVE
FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
EROSION CONTROL DETAILS
(FIBER ROLL)

NO SCALE
RNSP H51 DATED APRIL 3, 2009 SUPERSEDES NSP H51 DATED DECEMBER 1, 2006 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 REVISED NEW STANDARD PLAN RNSP H51