Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	1	235

ACSTP-P089(118)E

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN PLUMAS COUNTY
AT GREENVILLE
FROM 0.1 MILE NORTH
OF SOUTH GREENVILLE
OVERHEAD TO HILLSIDE DRIVE

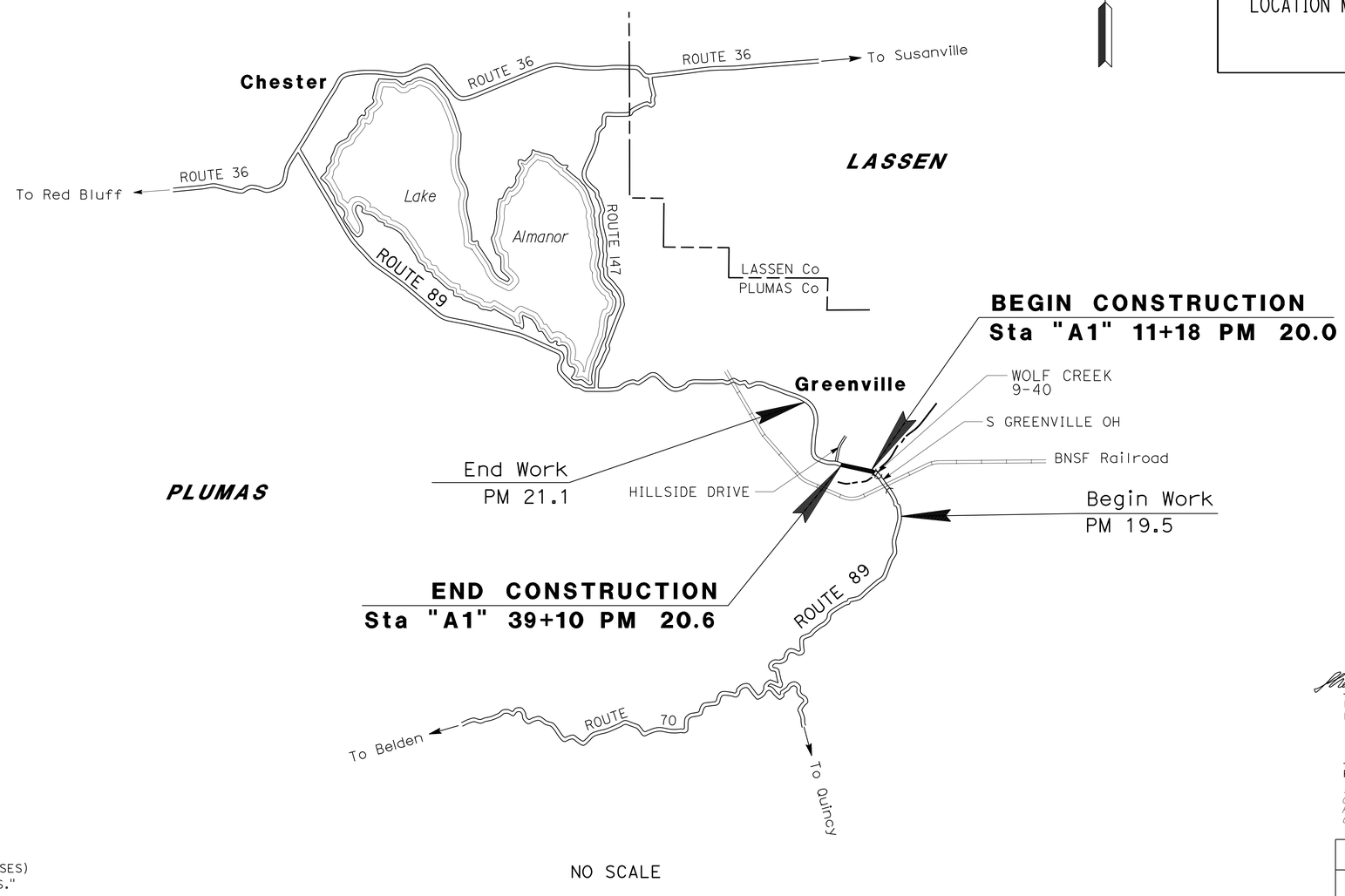
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-4	KEY MAP AND LINE INDEX
5-9	LAYOUTS
10-19	PROFILE AND SUPERELEVATION DIAGRAMS
20-97	CONSTRUCTION DETAILS
98-122	DRAINAGE PLANS, PROFILES, DETAILS AND QUANTITIES
123-128	UTILITY PLANS
129	CONSTRUCTION AREA SIGNS
130-135	PAVEMENT DELINEATION AND SIGN PLANS, DETAILS AND QUANTITIES
136-144	SIGN DETAILS AND QUANTITIES
145-154	SUMMARY OF QUANTITIES
155-173	LANDSCAPE AND EROSION CONTROL PLANS
174-195	ELECTRICAL PLANS
196-235	REVISED STANDARD PLANS

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

LOCATION MAP



NO SCALE

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

PROJECT MANAGER: DEENA MATAGULAY
DESIGN ENGINEER: ERIC ORR

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Shaun Alexander 01-19-16
PROJECT ENGINEER REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — SHAUN ALEXANDER — No. 70833 — Exp. 6-30-17 — CIVIL — STATE OF CALIFORNIA

January 19, 2016
PLANS APPROVAL DATE

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CONTRACT No.	02-0E24U4
PROJECT ID	0215000146

LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	2	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 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:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
3. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
4. ALL GUTTER PAN SLOPES ARE 4.0%.

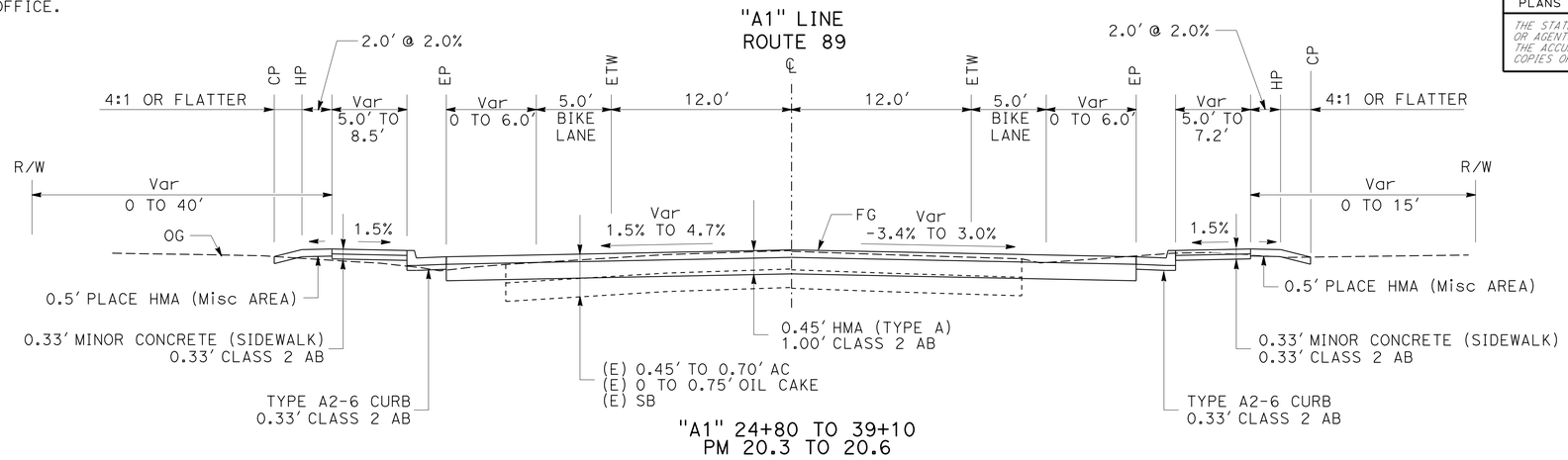
DESIGN DESIGNATION:

ADT (2015)	2904	D	53%
ADT (2025)	2914	T	9%
DHV	362	V	25 MPH
ESAL	624600	TI	8.5

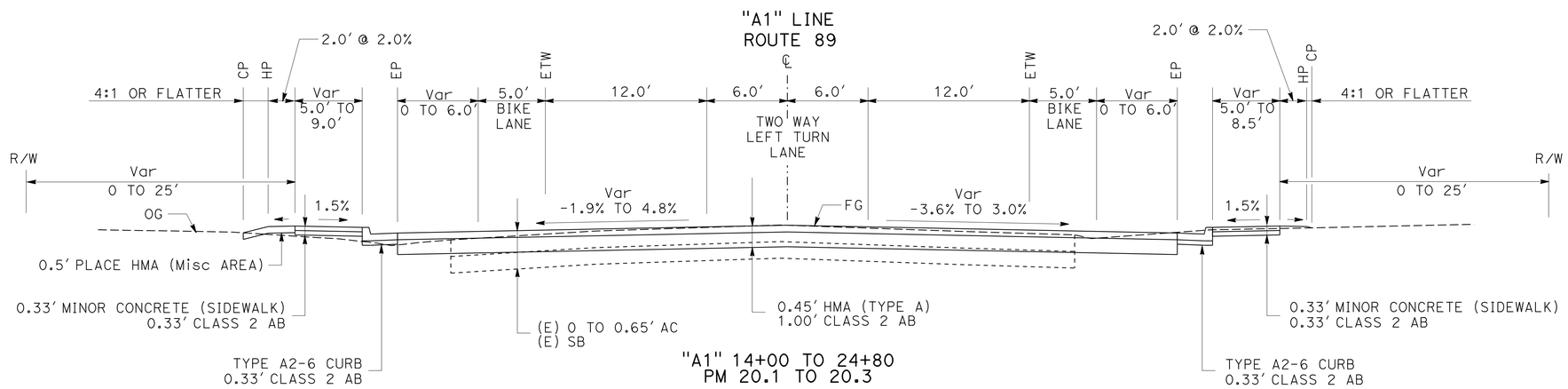
CLIMATE REGION = HIGH MOUNTAIN

ABBREVIATIONS:

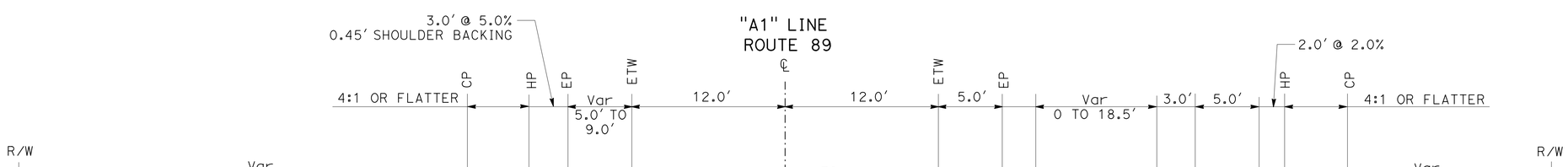
PET PAVEMENT EDGE TREATMENT (TAPERED EDGE)
(E) EXISTING



"A1" 24+80 TO 39+10
PM 20.3 TO 20.6



"A1" 14+00 TO 24+80
PM 20.1 TO 20.3



"A1" 11+18 TO 14+00
PM 20.0 TO 20.1

TYPICAL CROSS SECTIONS

NO SCALE

X-1

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01-19-16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	3	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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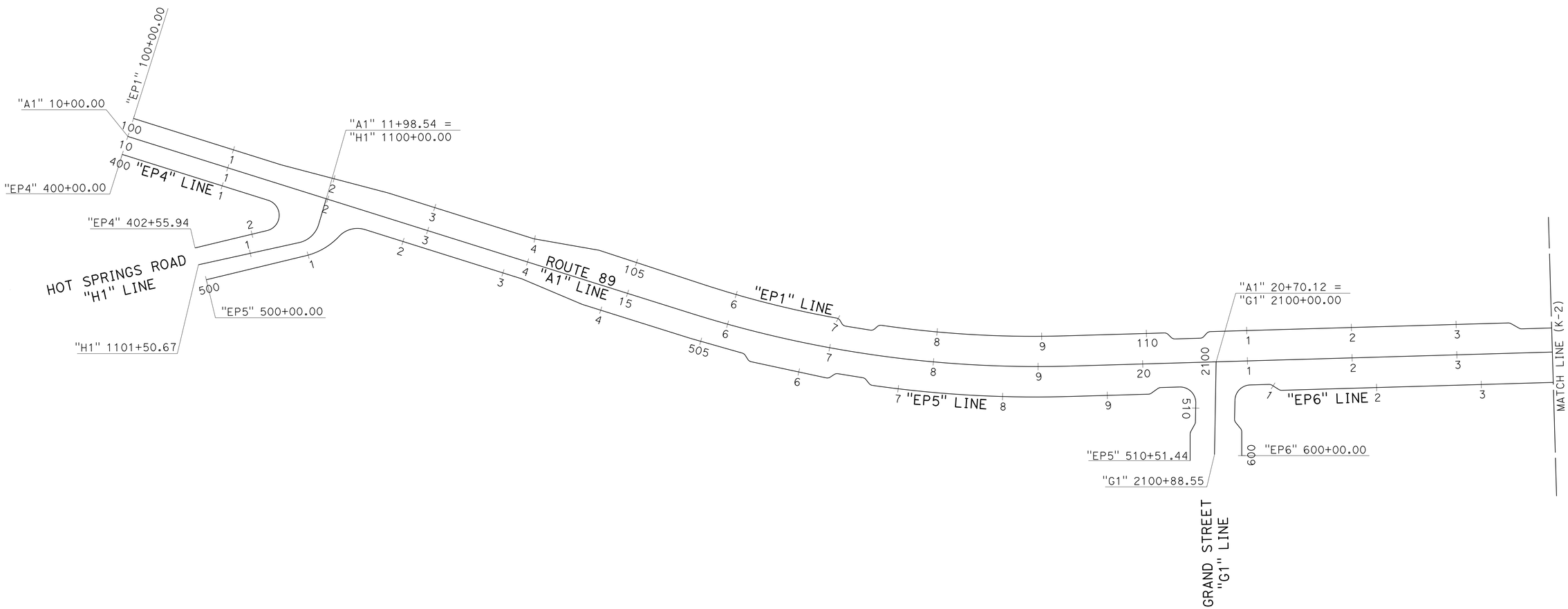

KEY MAP AND LINE INDEX

NO SCALE

K-1

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	4	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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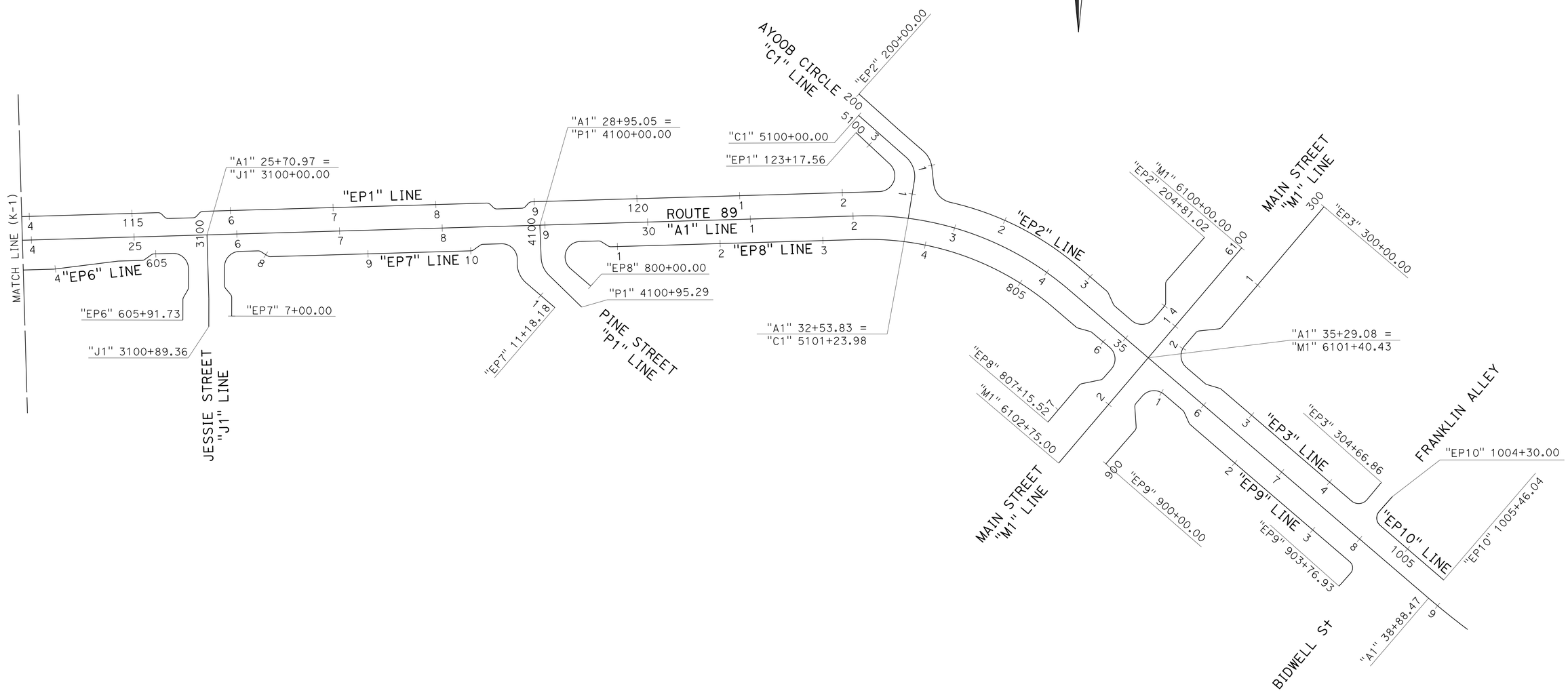

KEY MAP AND LINE INDEX

NO SCALE

K-2

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	5	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTE:

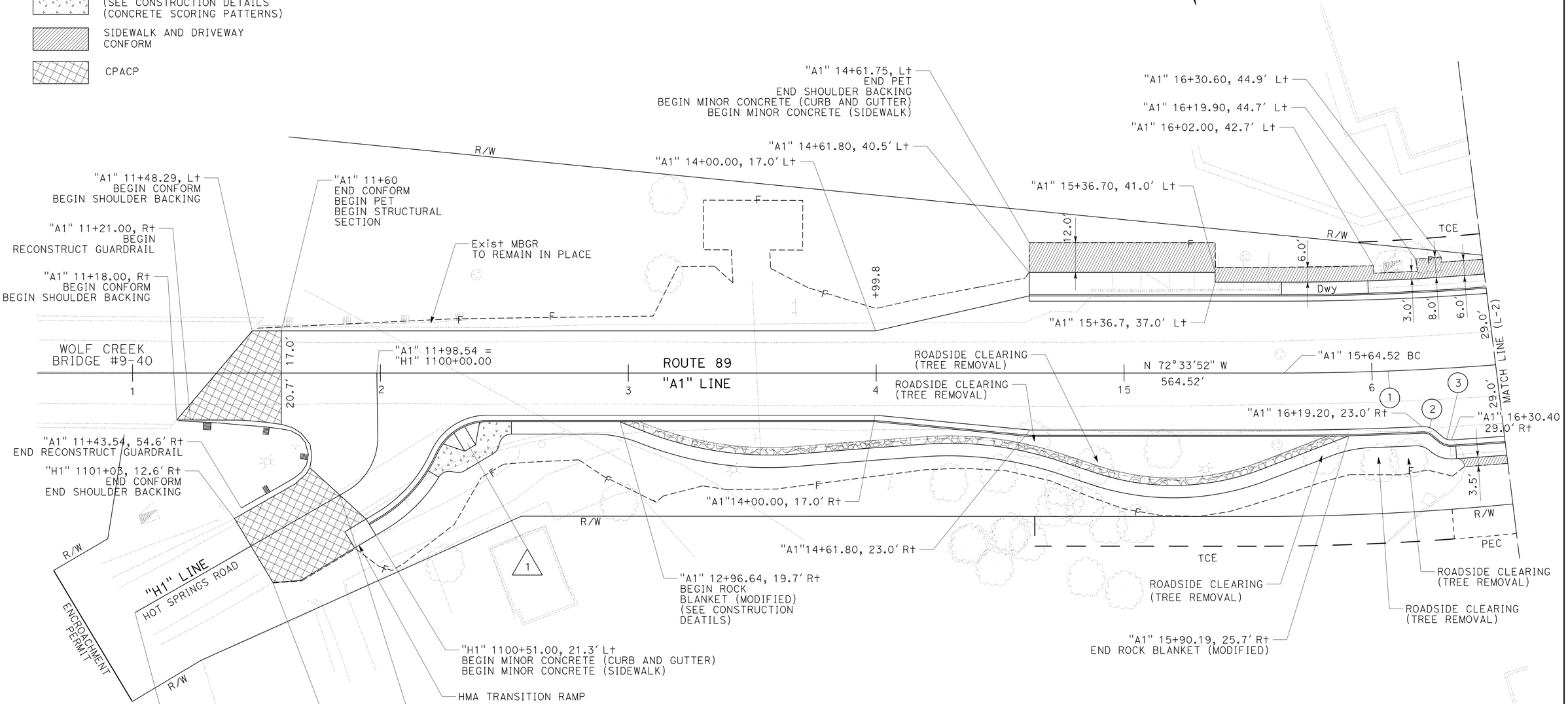
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

ABBREVIATIONS:

PET	PAVEMENT EDGE TREATMENT (TAPERED EDGE)
P	PLANTER
MUP	MASONARY UNIT PAVERS (SEE LANDSCAPE PLANS FOR DETAILS)
B	PLACE BOULDER (SEE LANDSCAPE PLANS FOR DETAILS)
CPACP	COLD PLANE ASPHALT CONCRETE PAVEMENT

LEGEND:

- # CURB RAMP No.
- COLORED CONCRETE (SEE CONSTRUCTION DETAILS (CONCRETE SCORING PATTERNS)
- SIDEWALK AND DRIVEWAY CONFORM
- CPACP



CURVE DATA

No. ⊛	R	Δ	T	L
1	1100.0	19°06'11"	185.10	366.75
2	8'	43°01'54"	3.15'	6.01'
3	5'	43°37'20"	2.00'	3.81'

LAYOUT

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

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	6	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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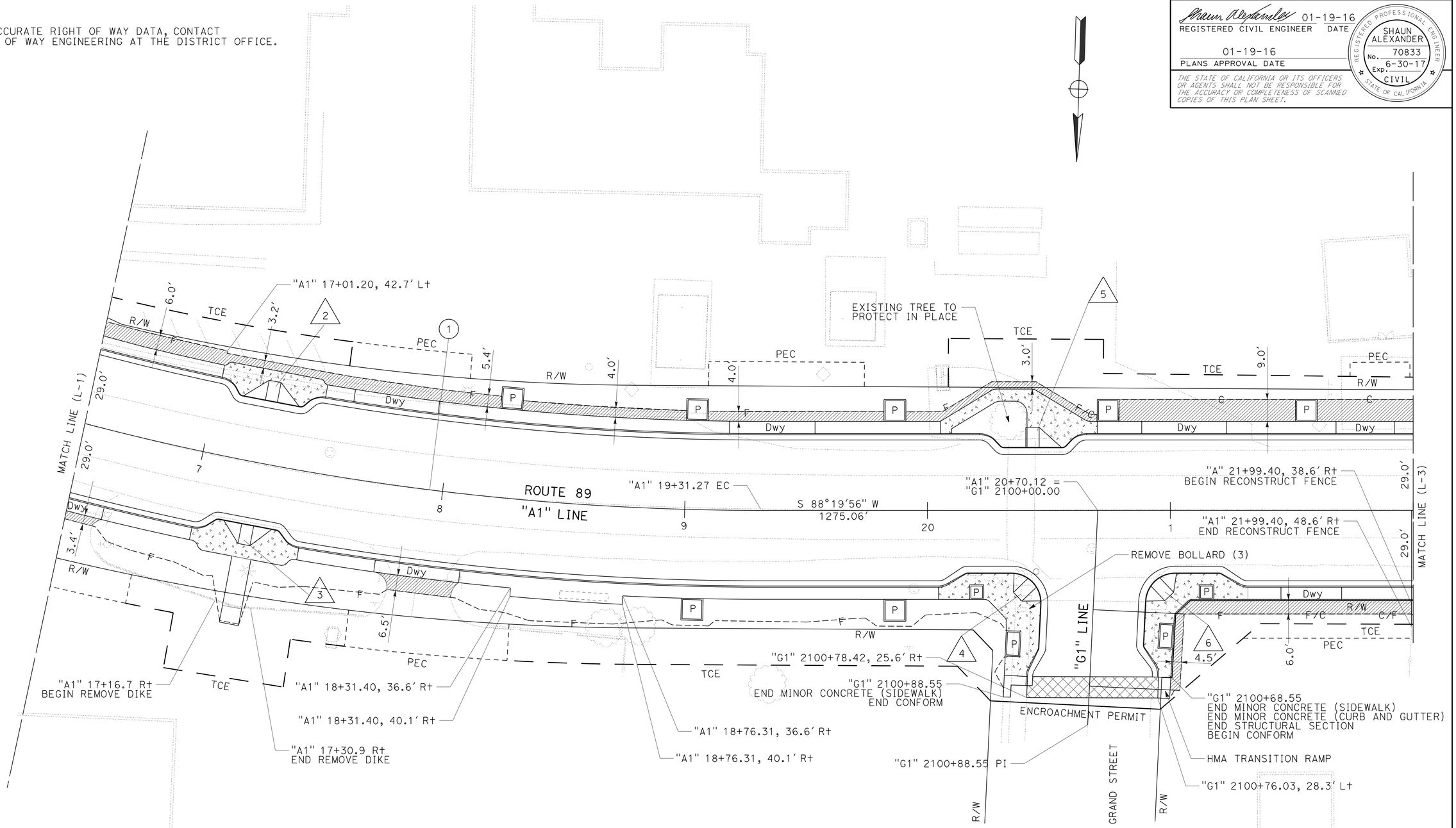

CURVE DATA

No. ⊕	R	Δ	T	L
1	1100.0	19°06'11"	185.10	366.75

LAYOUT

SCALE: 1" = 20'

L-2

REVISED BY	DATE REVISED
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	7	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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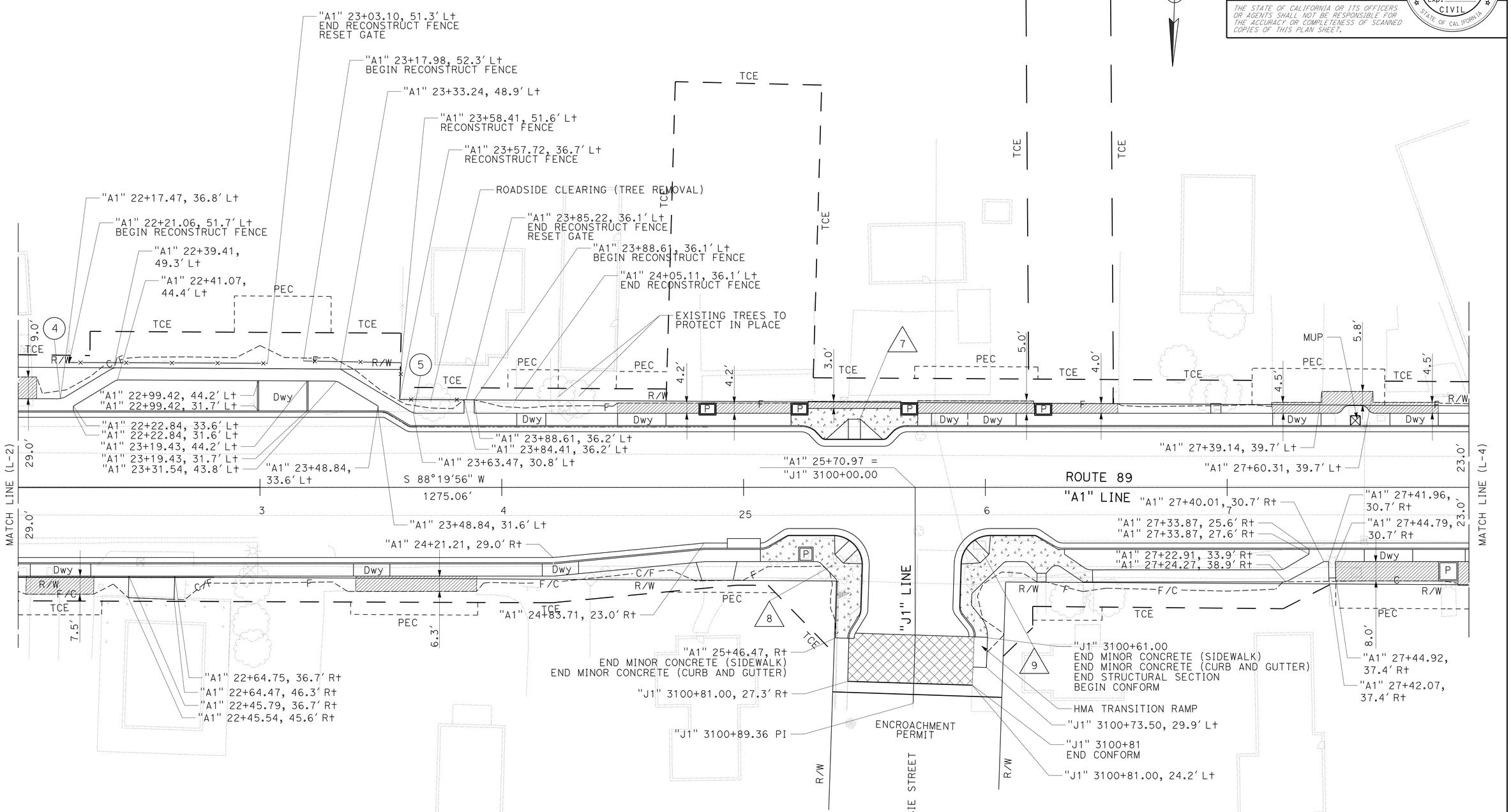

CURVE DATA

No. ⊕	R	Δ	T	L
4	10′	21°30′59"	1.90′	3.76′
5	5′	31°11′47"	1.40′	2.72′

LAYOUT

SCALE: 1" = 20′ **L-3**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	8	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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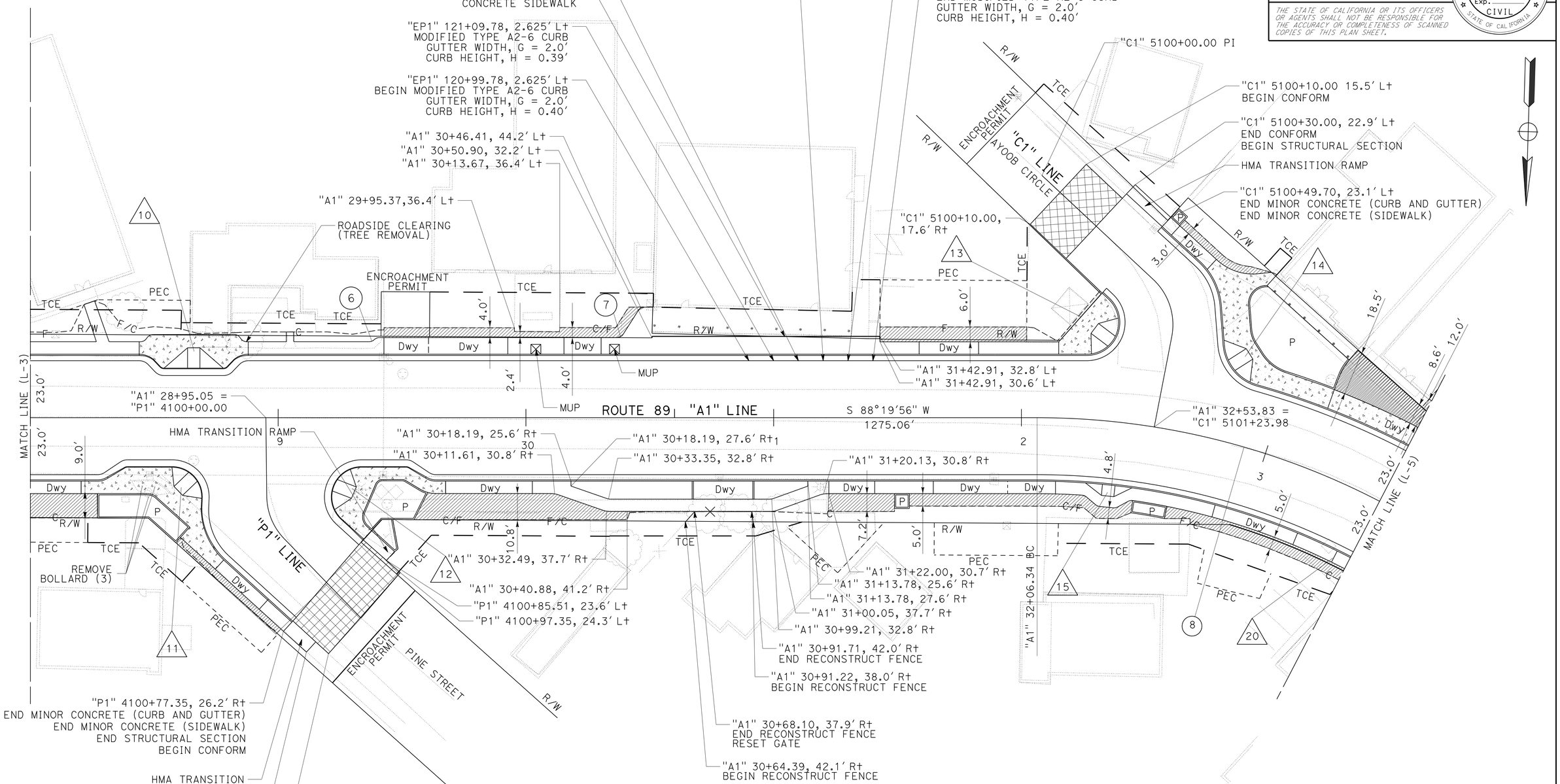

CURVE DATA

No. ⊕	R	Δ	T	L
6	3'	43°38'31"	1.20'	2.29'
7	3'	57°32'56"	1.65'	3.01'
8	300'	42°17'00"	116.01'	221.39'

LAYOUT

SCALE: 1" = 20'

L-4

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	9	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTE:

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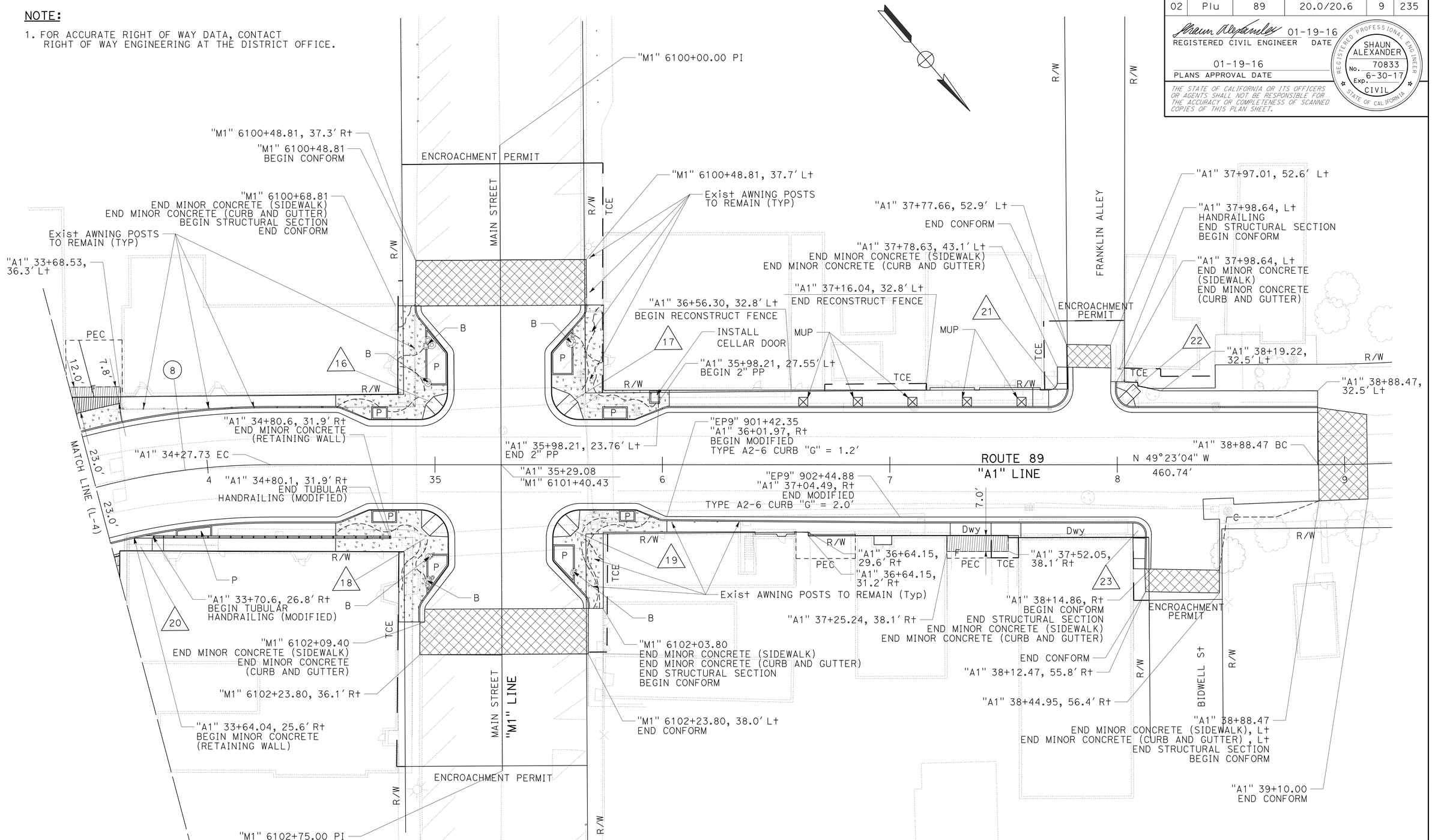

CURVE DATA

No. ⊕	R	Δ	T	L
8	300.0	42°17'00"	116.01	221.39

LAYOUT

SCALE: 1" = 20'

L-5

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REVISED BY
DATE REVISED

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DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:19

BORDER LAST REVISED 7/2/2010
USERNAME => s115152
DGN FILE => 20e240ea005.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0316
PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	10	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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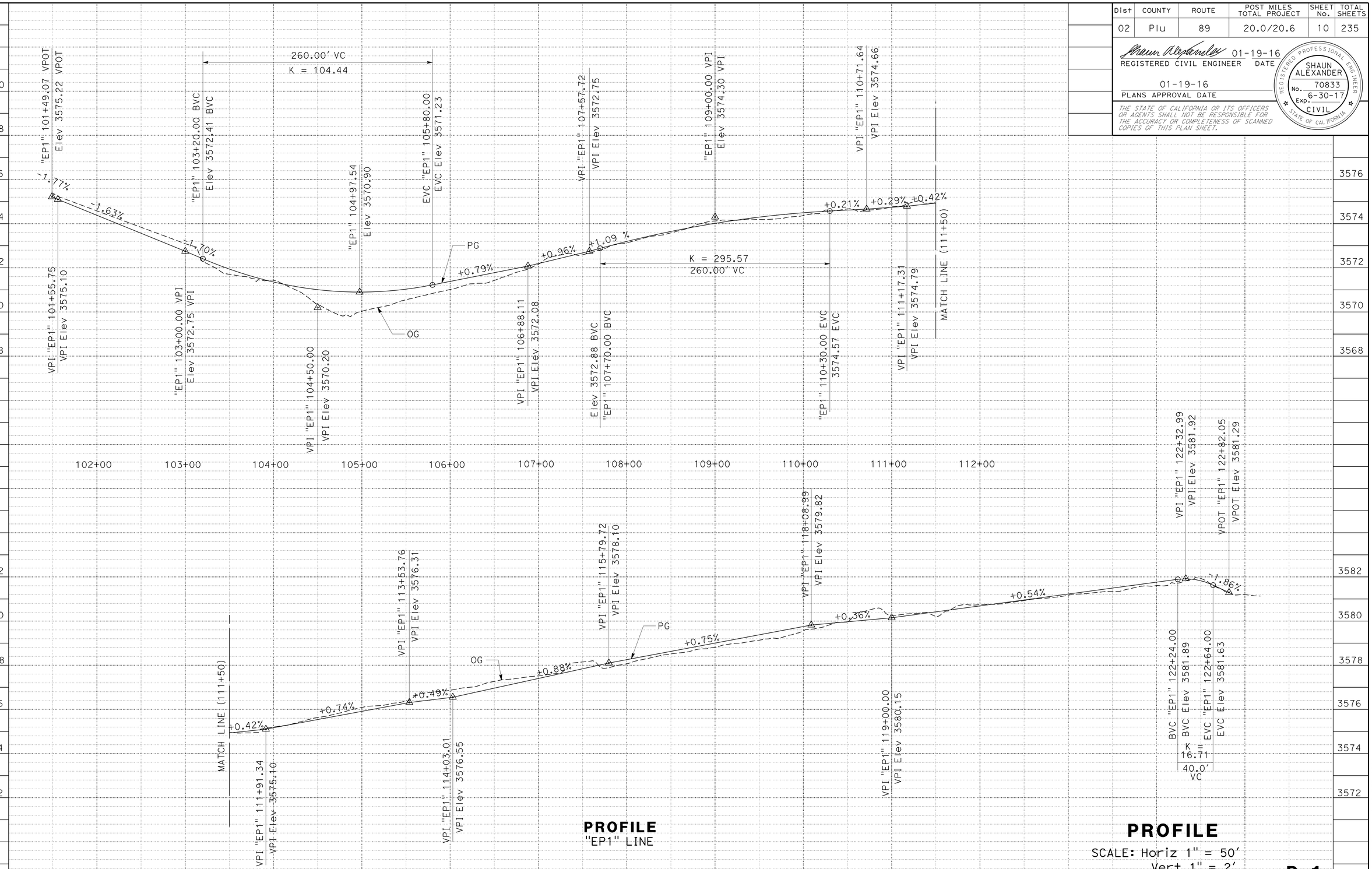

PROFILE
"EP1" LINE

PROFILE
SCALE: Horiz 1" = 50'
Vert 1" = 2'

P-1

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TIME PLOTTED => 11:19

LAST REVISION 01-19-16

BORDER LAST REVISED 7/2/2010

USERNAME => s115152
DGN FILE => 20e240fa001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0316

PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	11	235

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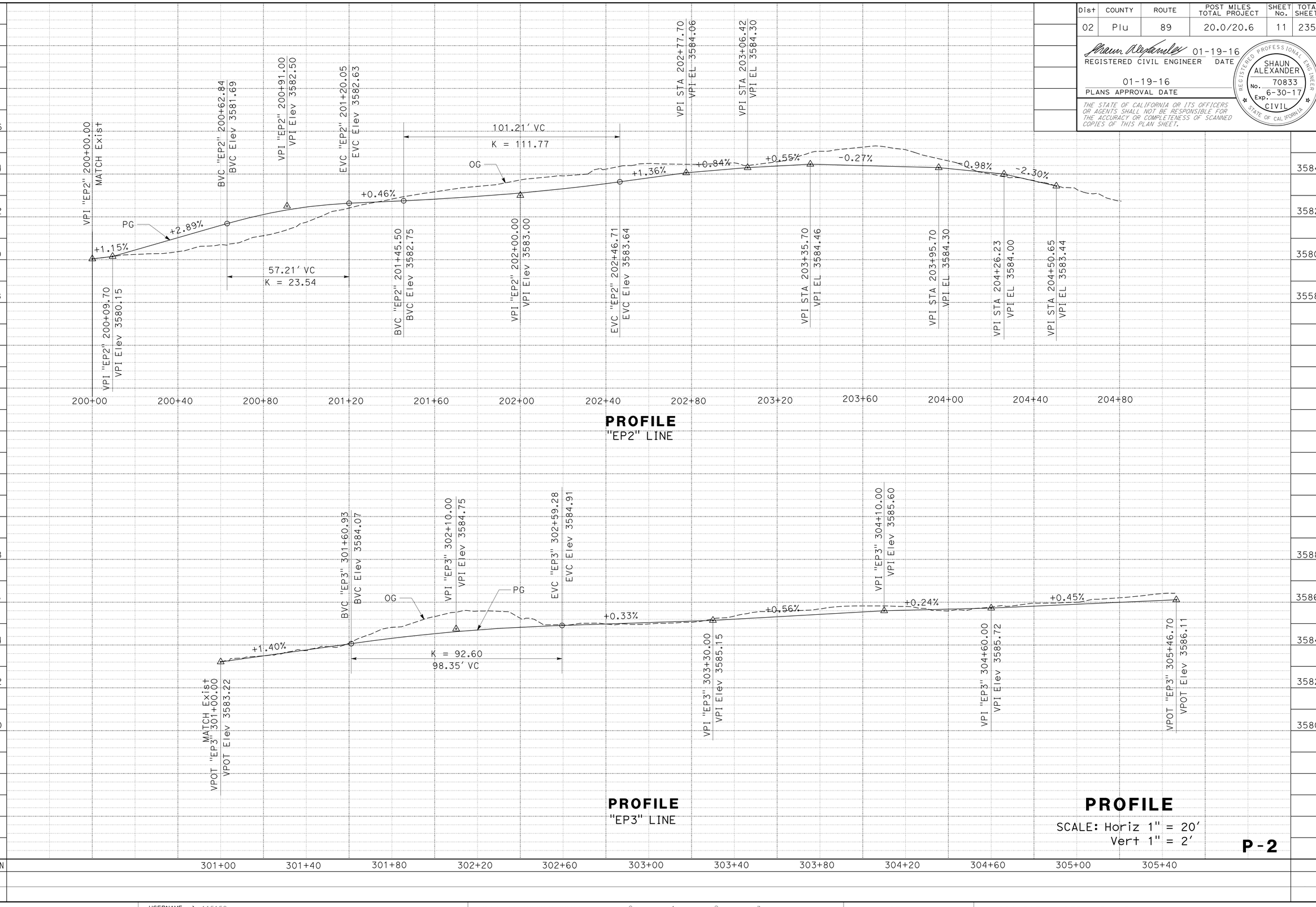

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BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240fa002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	12	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

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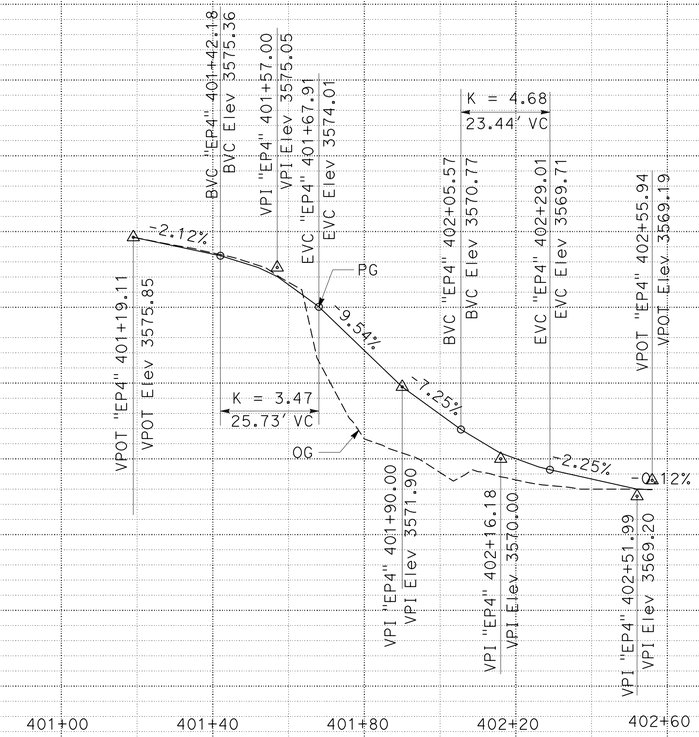

PROFILE
"EP4" LINE

PROFILE
SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-3

STATION

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CHECKED BY SHAUN ALEXANDER
REVISED BY
DATE REVISED
FUNCTIONAL SUPERVISOR ERIC ORR

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	13	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
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PROFILE
"EP5" LINE

PROFILE
SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-4

REVISED BY | DATE REVISED
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FUNCTIONAL SUPERVISOR: ERIC ORR

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Caltrans
DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:19

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240fa004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	14	235

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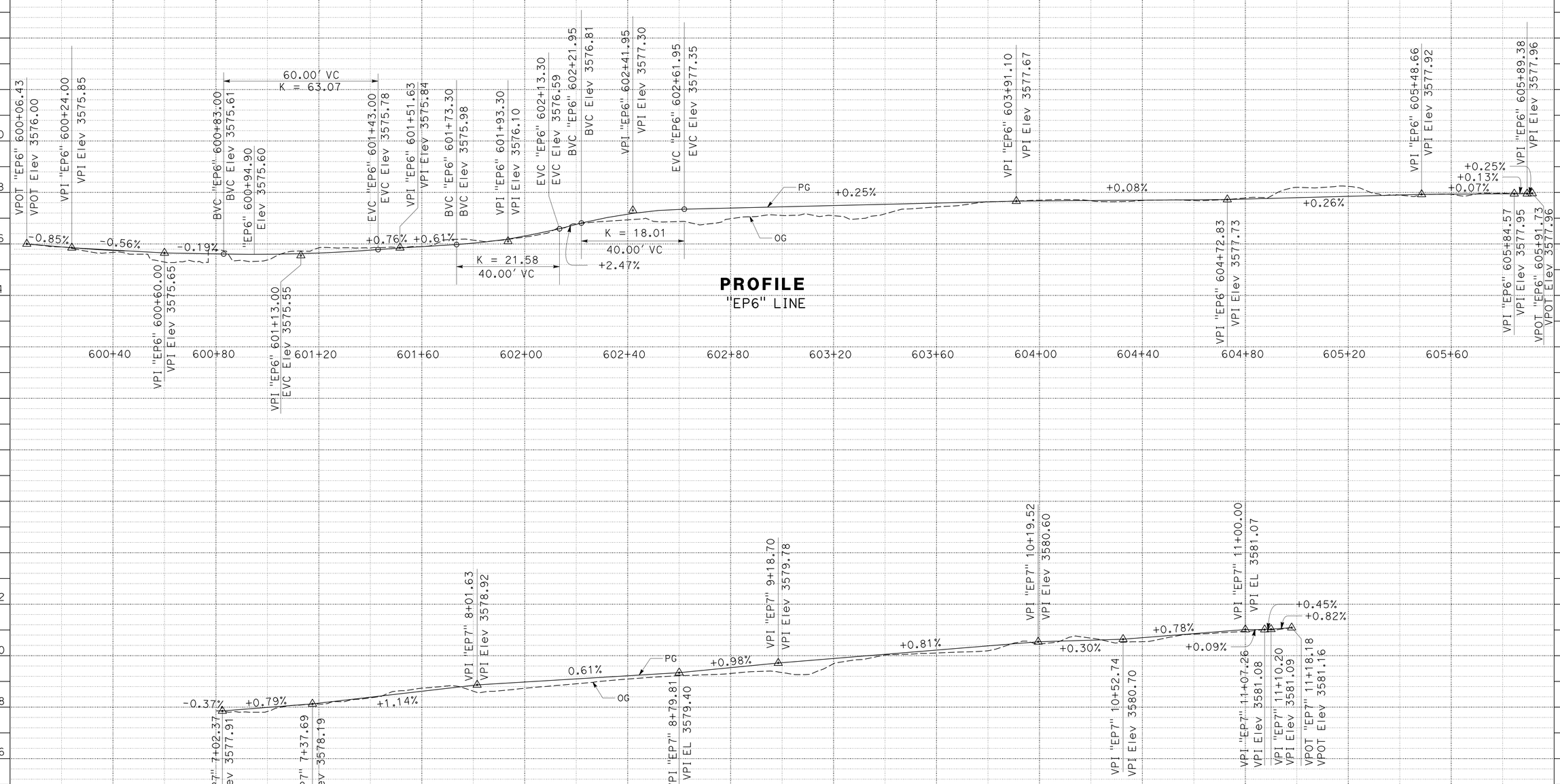

PROFILE
"EP6" LINE

PROFILE
"EP7" LINE

PROFILE
SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-5

JEANNIE STEFFAN — REVISED BY
SHAUN ALEXANDER — DATE REVISED
CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR: ERIC ORR

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DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:19

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240fa005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	15	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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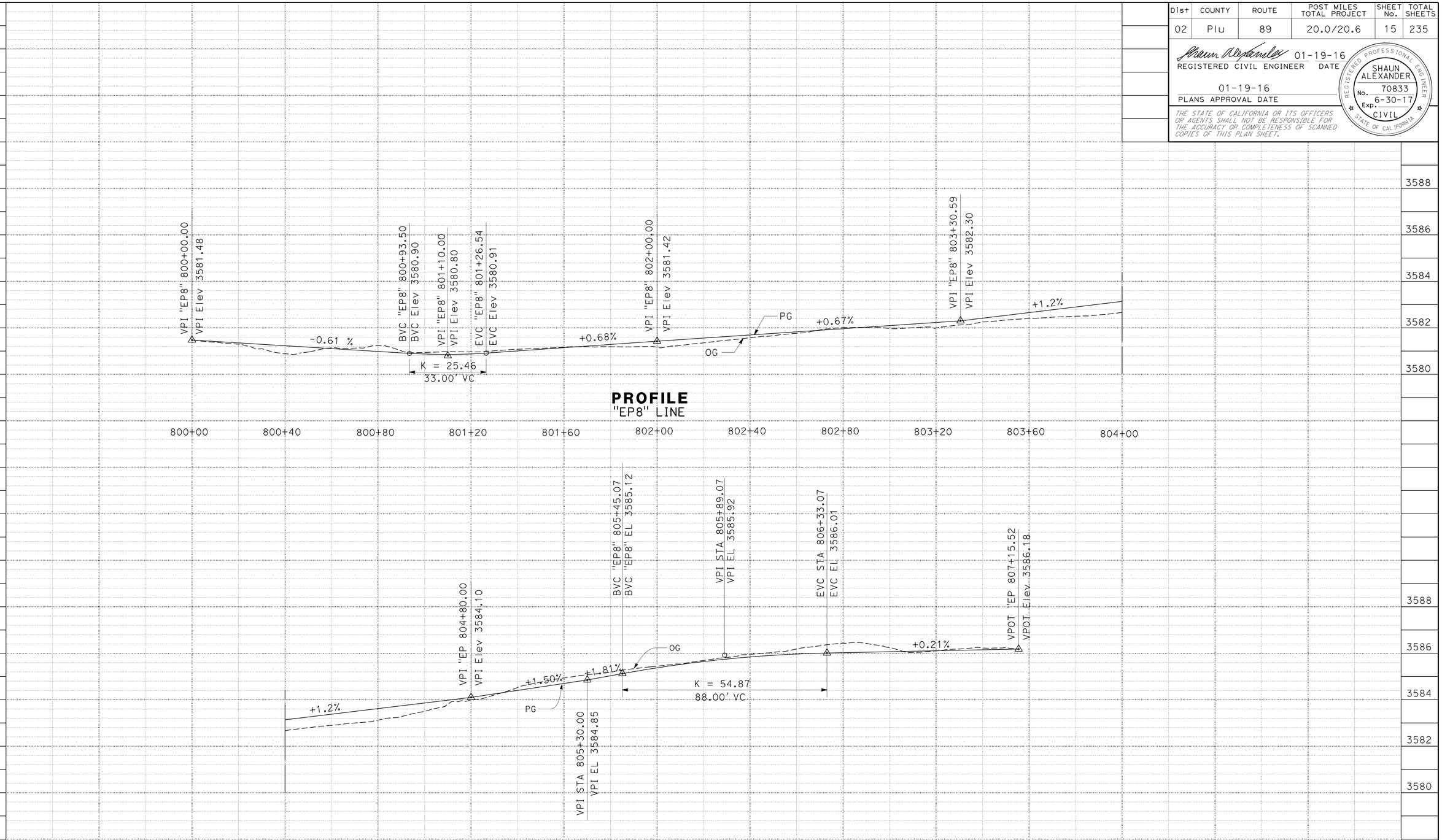

PROFILE
"EP8" LINE

PROFILE
"EP8" LINE

PROFILE
SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-6

STATION

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	16	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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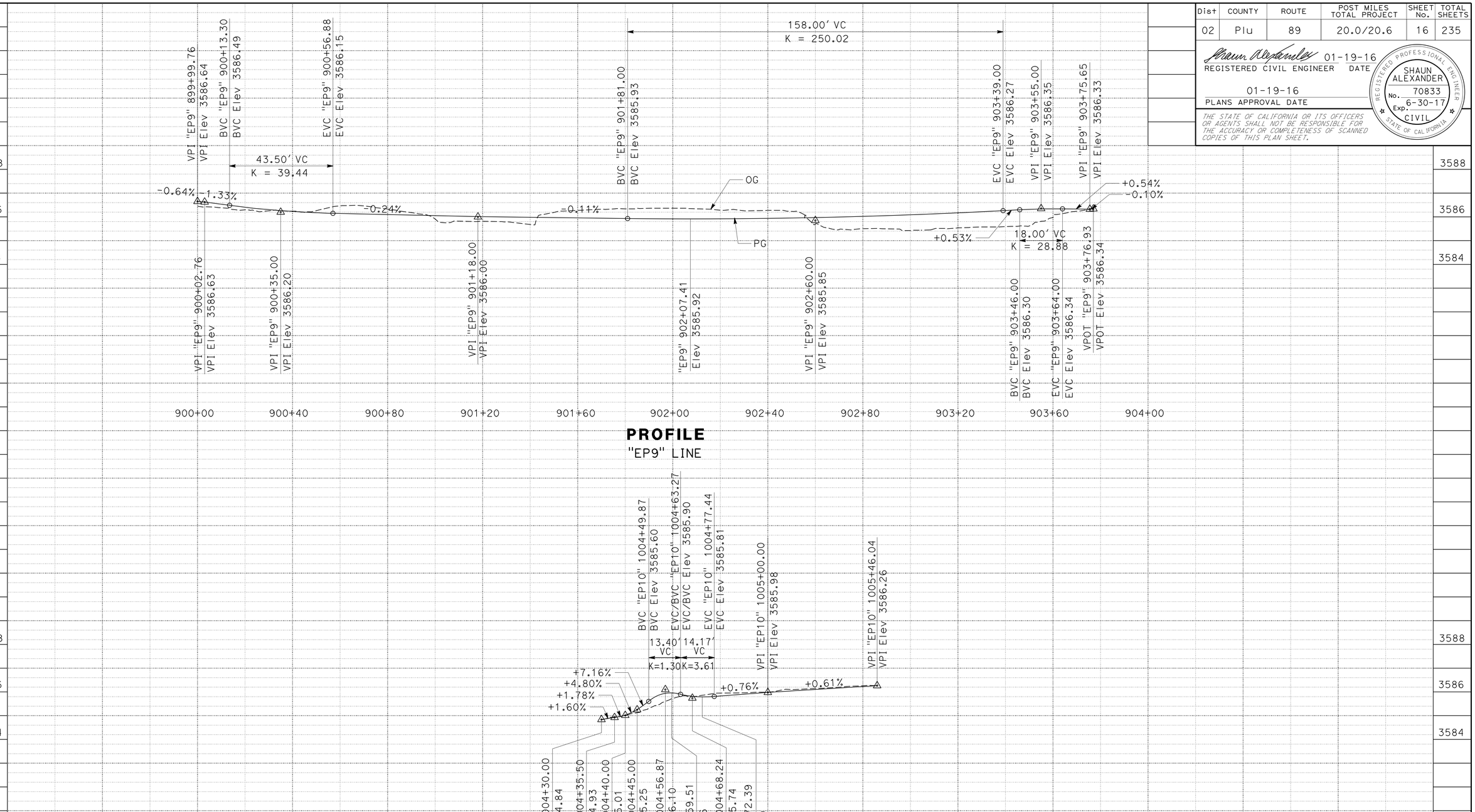

PROFILE
"EP9" LINE

PROFILE
"EP10" LINE

PROFILE
SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-7

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	17	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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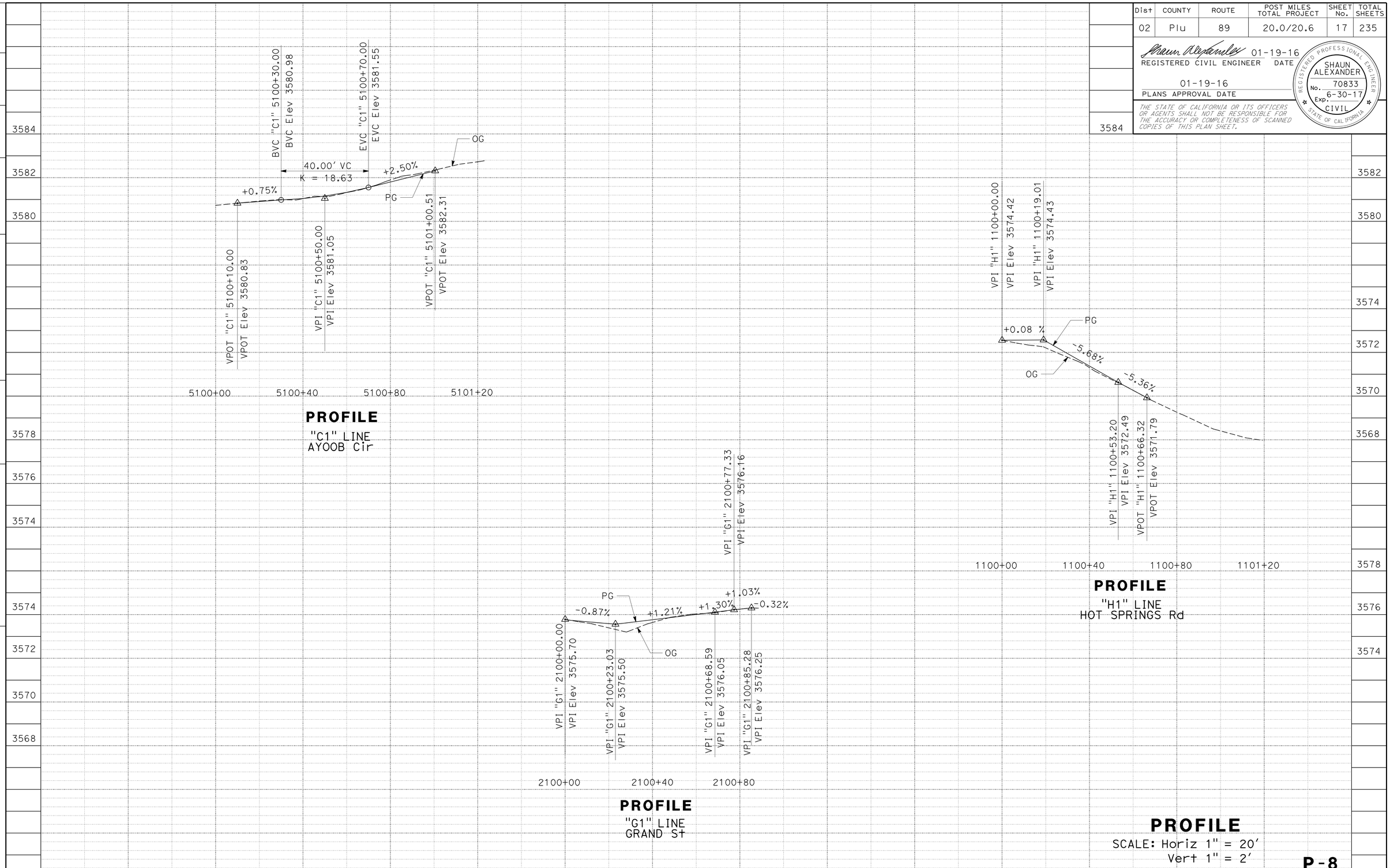

STATION					TOTAL
CY Exc	102	98	120		320
CY Emb	0	4	23		27

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	18	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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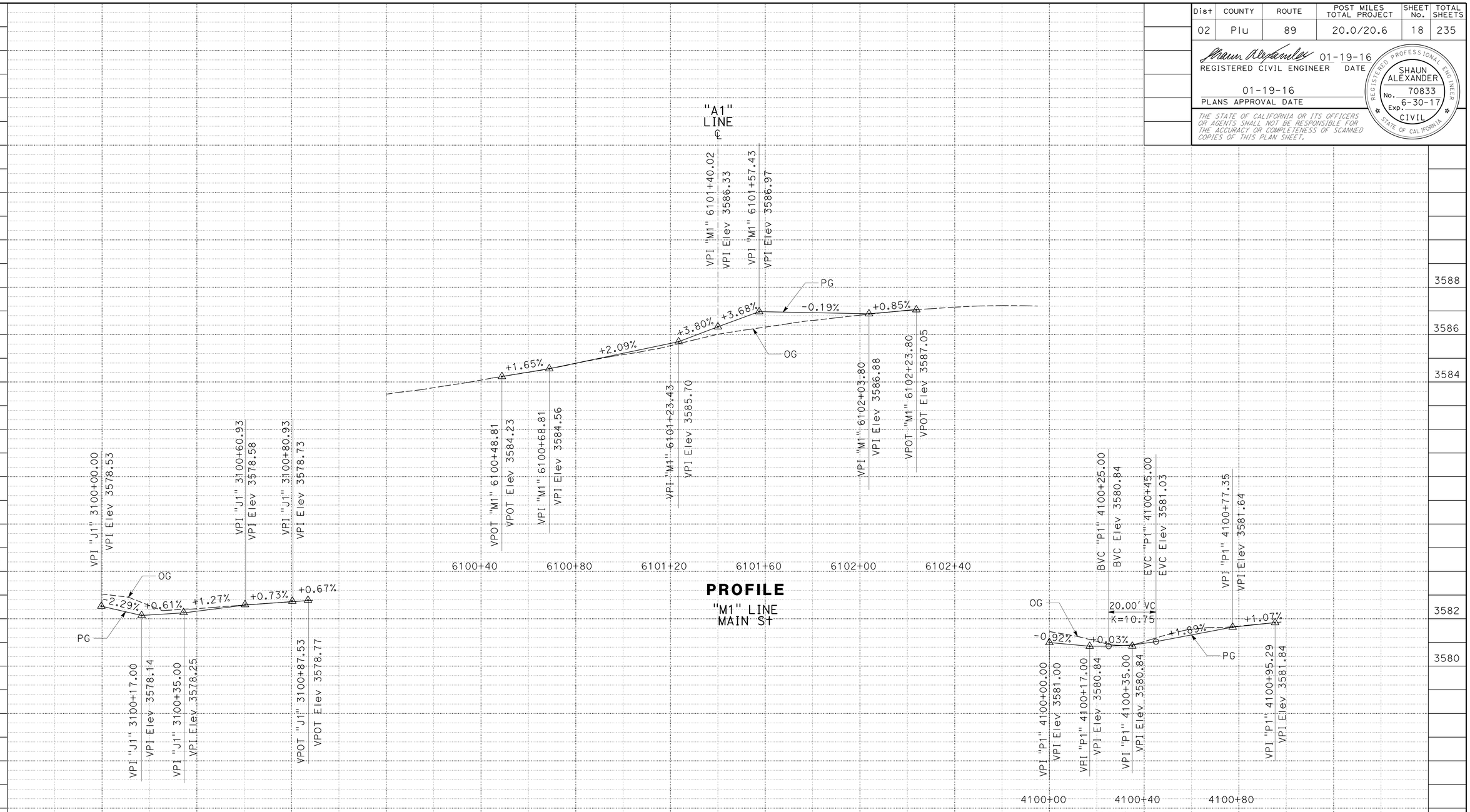

PROFILE

SCALE: Horiz 1" = 20'
Vert 1" = 2'

P-9

STATION						TOTAL
CY Exc	100	173	131	152		556
CY Emb	0	8	4	0		12

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	19	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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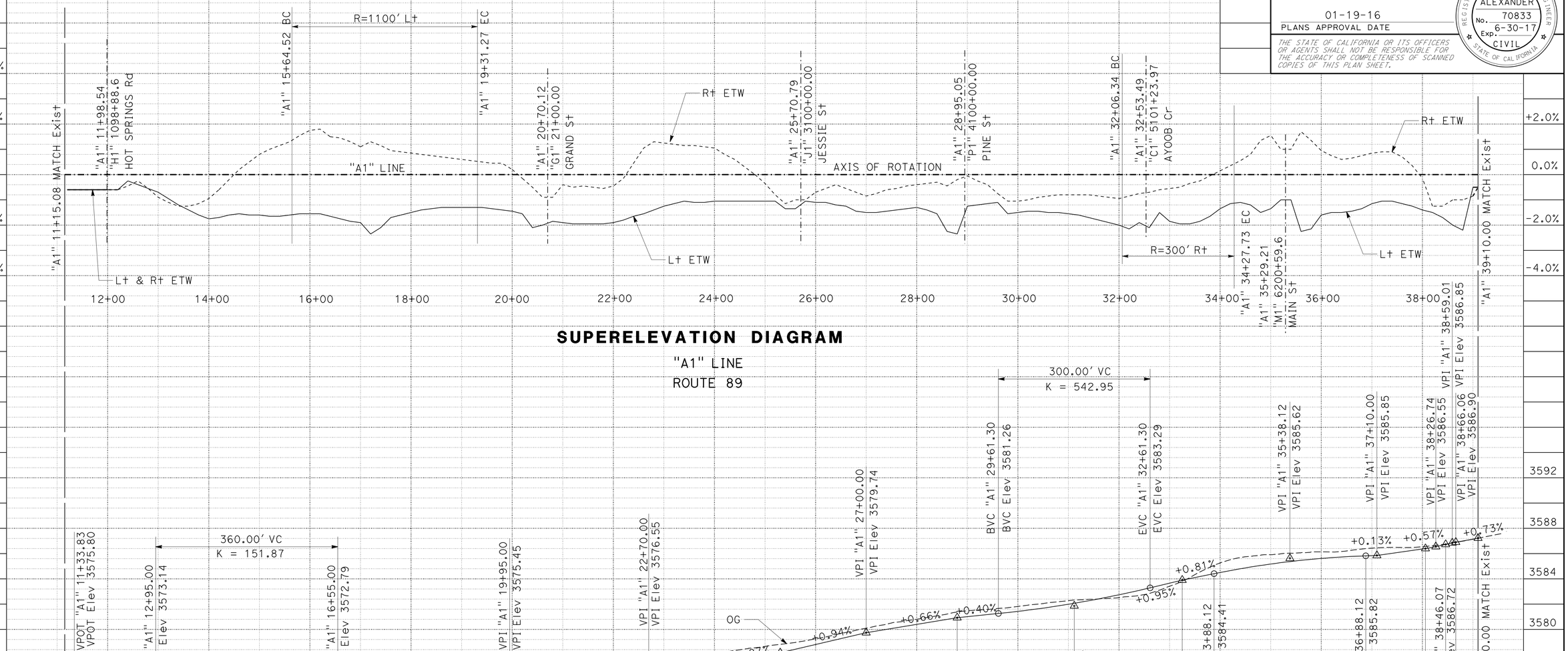

SUPERELEVATION DIAGRAM

"A1" LINE
ROUTE 89

PROFILE

"A1" LINE
ROUTE 89

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 100'
Vert 1" = 4'

PS-1

STATION		12+00	14+00	16+00	18+00	20+00	22+00	24+00	26+00	28+00	30+00	32+00	34+00	36+00	38+00	TOTAL
CY	Exc	3431					3198					2101				8730
	Emb	597					122					29				748

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	20	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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DETECTABLE WARNING SURFACE

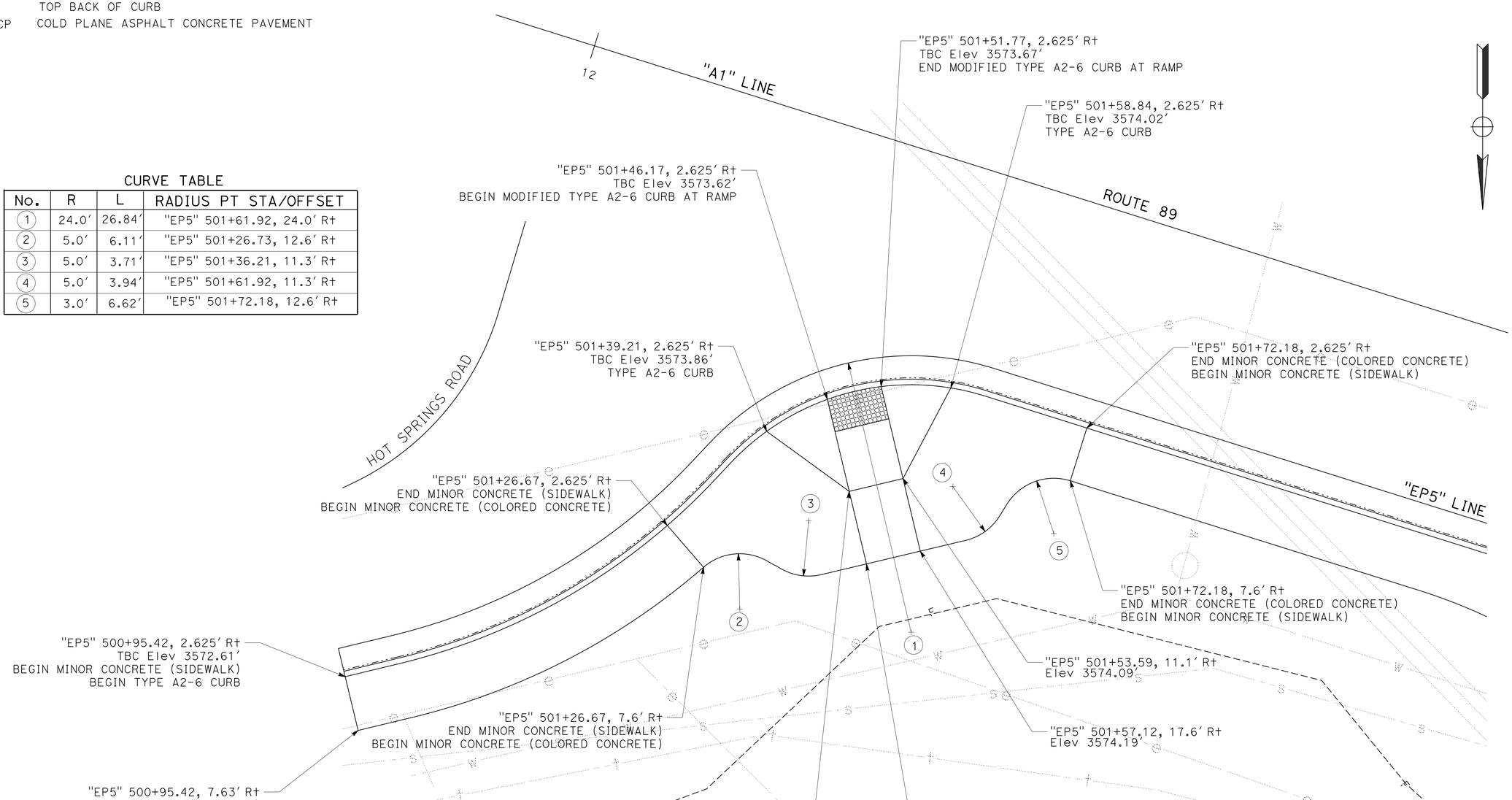
CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB
CPACP COLD PLANE ASPHALT CONCRETE PAVEMENT

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	24.0′	26.84′	"EP5" 501+61.92, 24.0′ Rt
2	5.0′	6.11′	"EP5" 501+26.73, 12.6′ Rt
3	5.0′	3.71′	"EP5" 501+36.21, 11.3′ Rt
4	5.0′	3.94′	"EP5" 501+61.92, 11.3′ Rt
5	3.0′	6.62′	"EP5" 501+72.18, 12.6′ Rt



CURB RAMP 1

ROUTE 89 & HOT SPRINGS Rd

CONSTRUCTION DETAILS

NO SCALE

C-1

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	21	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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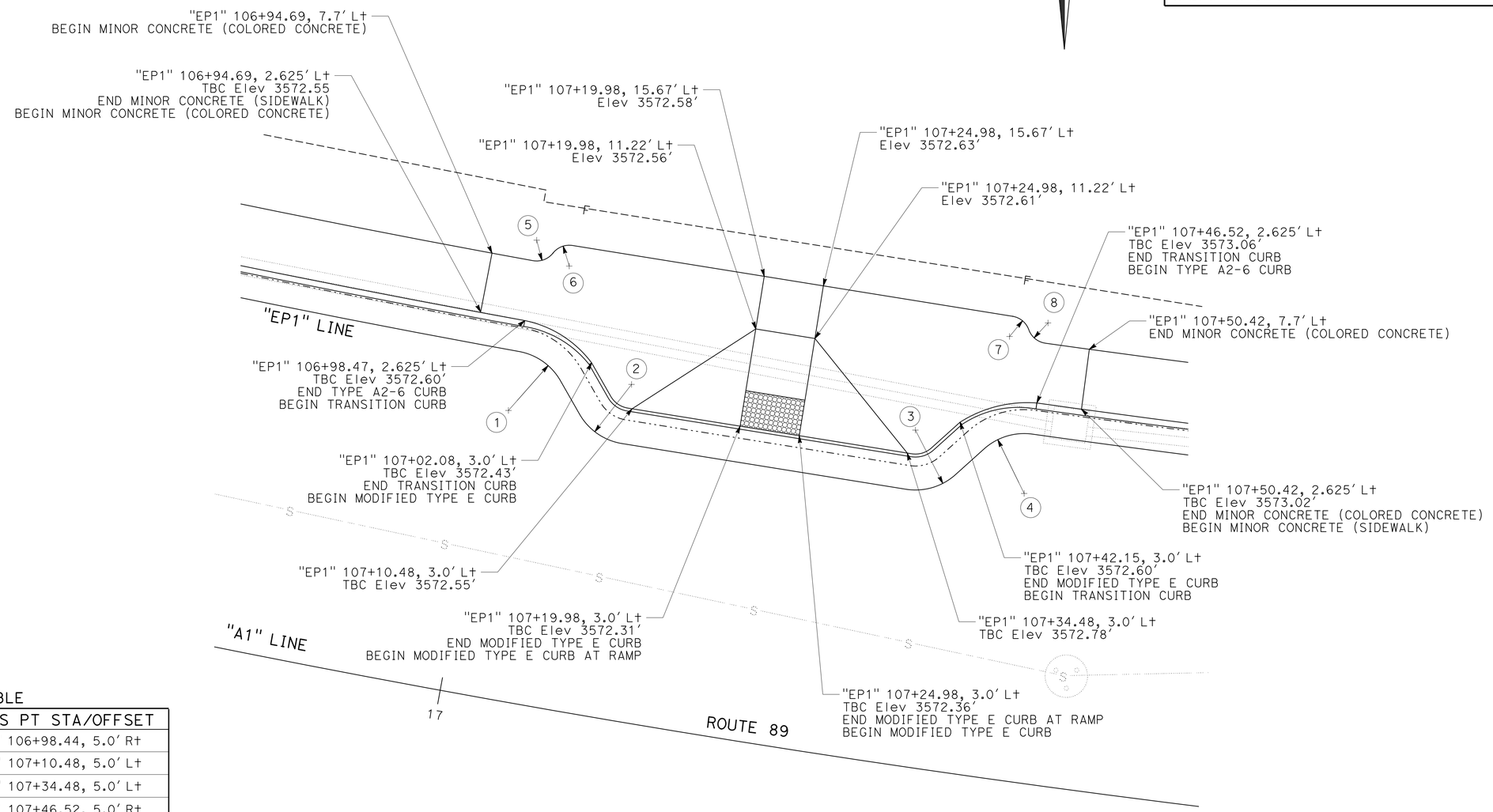
LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB



CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	4.36'	"EP1" 106+98.44, 5.0' Rt
2	5.0'	4.46'	"EP1" 107+10.48, 5.0' Lt
3	5.0'	4.46'	"EP1" 107+34.48, 5.0' Lt
4	5.0'	4.36'	"EP1" 107+46.52, 5.0' Rt
5	1.7'	1.95'	"EP1" 107+02.23, 9.4' Lt
6	1.7'	1.95'	"EP1" 107+03.29, 8.1' Lt
7	1.7'	1.95'	"EP1" 107+47.72, 8.2' Lt
8	1.7'	1.78'	"EP1" 107+46.52, 9.4' Lt

CURB RAMP 2

ROUTE 89 MIDBLOCK BETWEEN
HOT SPRINGS Rd AND GRAND St

CONSTRUCTION DETAILS

NO SCALE

C-2

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	22	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

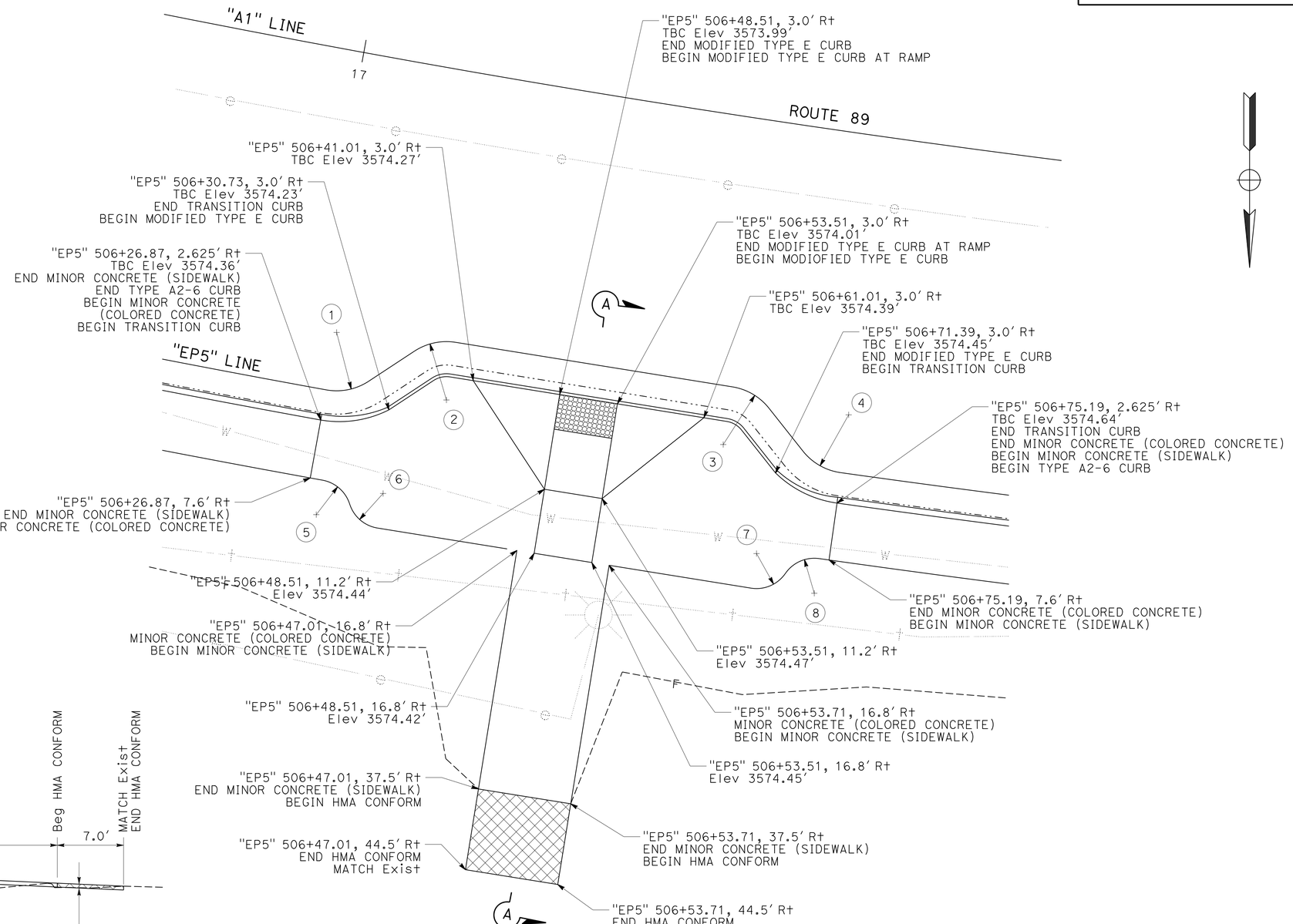
COLD PLANE ASPHALT CONCRETE PAVEMENT

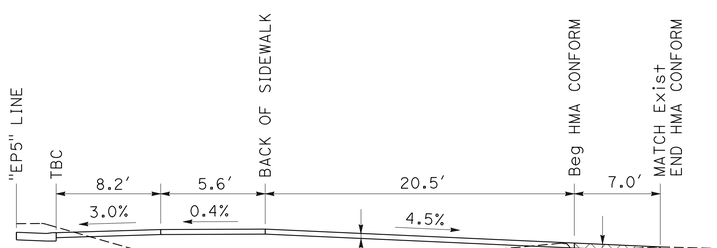
ABBREVIATIONS:

TBC TOP BACK OF CURB

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0′	3.81′	"EP5" 506+26.76, 5.0′ L†
2	5.0′	3.71′	"EP5" 506+39.01, 5.0′ R†
3	5.0′	3.71′	"EP5" 506+63.01, 5.0′ R†
4	5.0′	3.81′	"EP5" 506+75.19, 5.0′ L†
5	3.0′	3.17′	"EP5" 506+27.20, 10.7′ R†
6	3.0′	3.23′	"EP5" 506+29.13, 9.4′ R†
7	3.0′	3.31′	"EP5" 506+73.29, 9.3′ R†
8	3.0′	3.25′	"EP5" 506+76.75, 10.6′ R†





SECTION A-A

CURB RAMP 3

ROUTE 89 MIDBLOCK BETWEEN
HOT SPRINGS Rd AND GRAND St

CONSTRUCTION DETAILS

NO SCALE

C-3

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	23	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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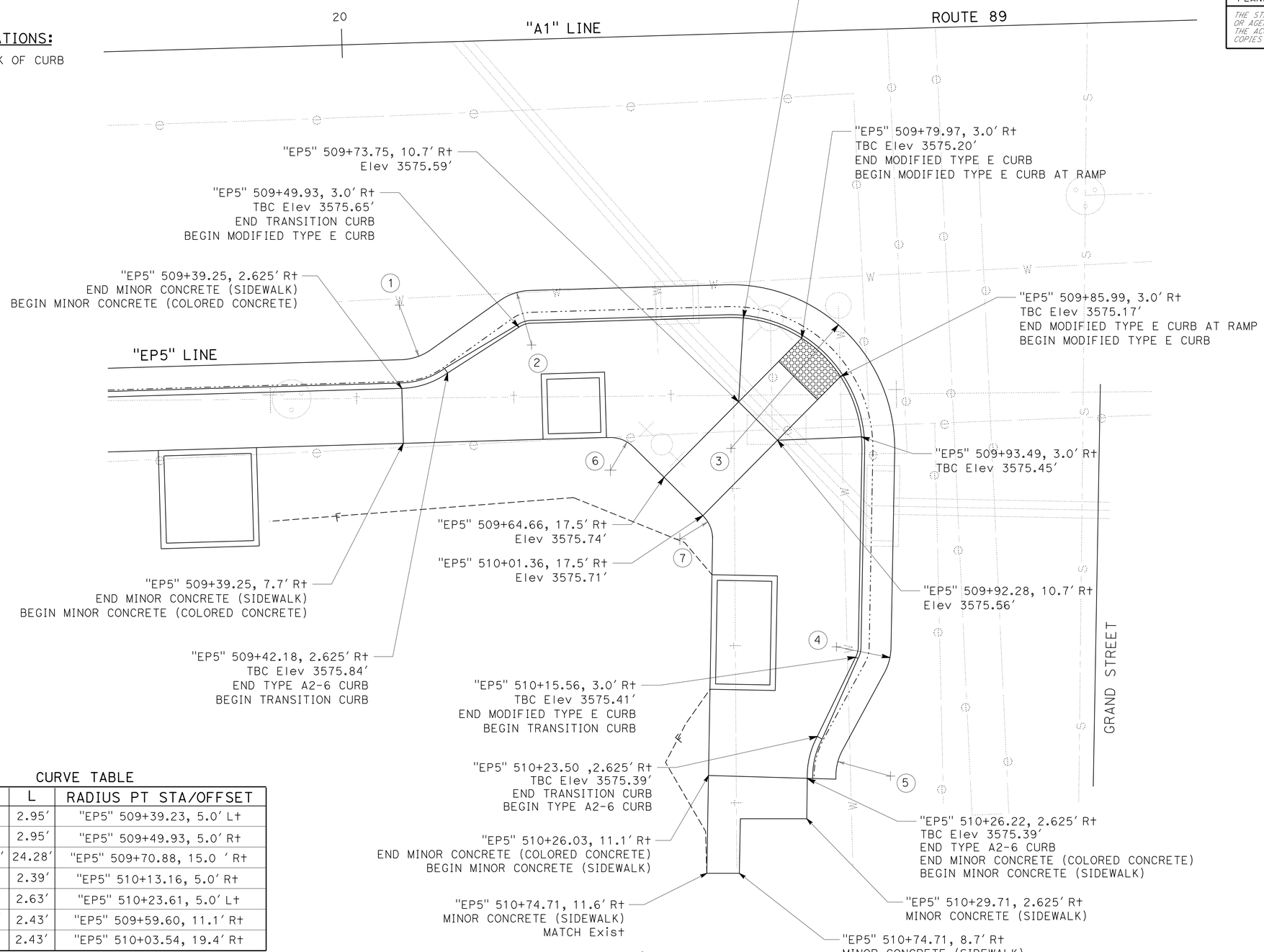
CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB



CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0′	2.95′	"EP5" 509+39.23, 5.0′ L+
2	5.0′	2.95′	"EP5" 509+49.93, 5.0′ R+
3	15.0′	24.28′	"EP5" 509+70.88, 15.0 ′ R+
4	5.0′	2.39′	"EP5" 510+13.16, 5.0′ R+
5	5.0′	2.63′	"EP5" 510+23.61, 5.0′ L+
6	3.0′	2.43′	"EP5" 509+59.60, 11.1′ R+
7	3.0′	2.43′	"EP5" 510+03.54, 19.4′ R+

CURB RAMP 4

ROUTE 89 & GRAND St

CONSTRUCTION DETAILS

NO SCALE

C-4

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	24	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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ABBREVIATIONS:

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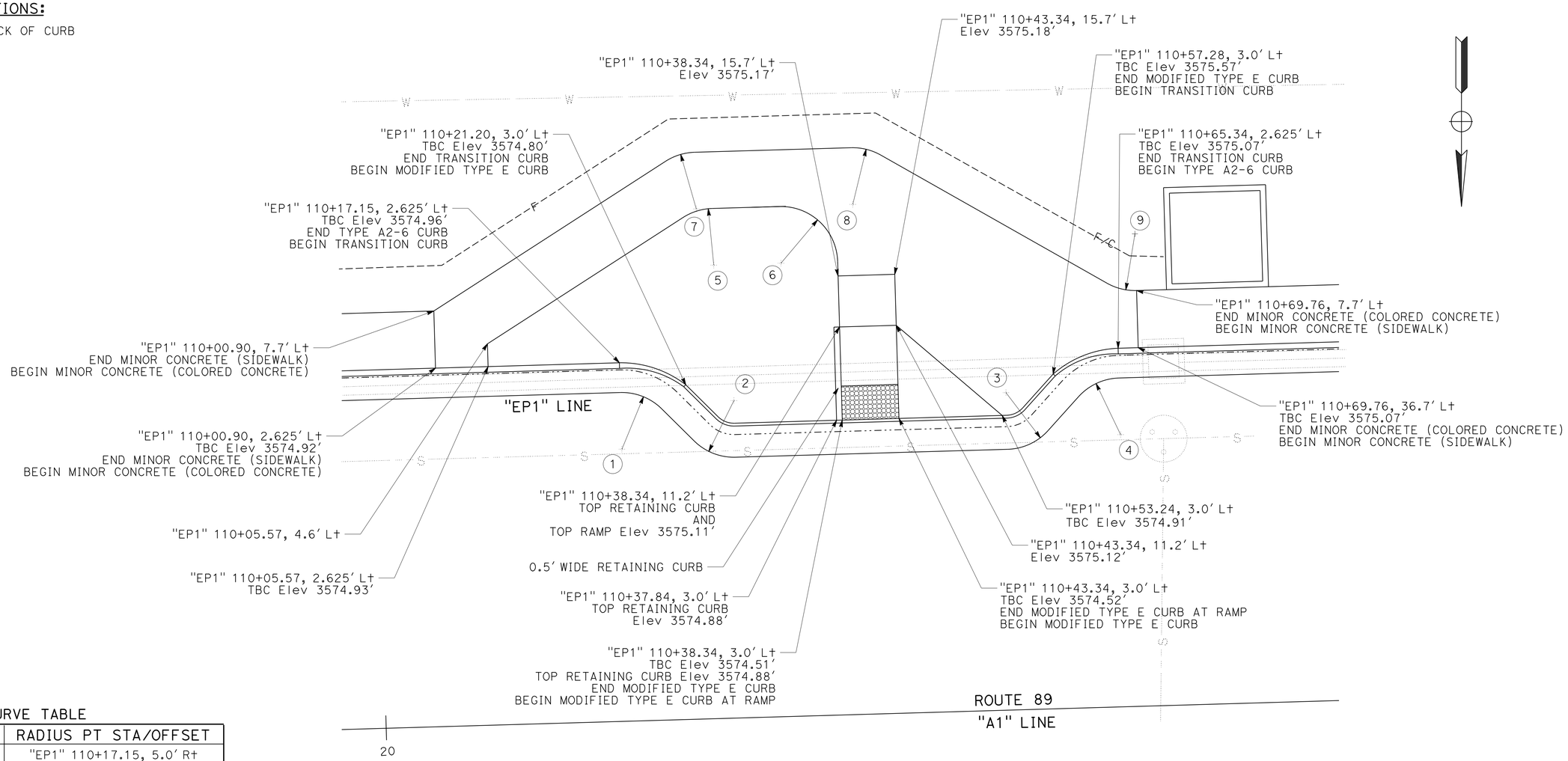

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	4.05'	"EP1" 110+17.15, 5.0' Rt
2	5.0'	4.05'	"EP1" 110+25.20, 5.0' Lt
3	5.0'	4.05'	"EP1" 110+53.25, 5.0' Lt
4	5.0'	4.05'	"EP1" 110+65.34, 5.0' Rt
5	5.0'	2.72'	"EP1" 110+19.61, 13.1' Lt
6	5.0'	7.85'	"EP1" 110+33.74, 17.0' Lt
7	5.0'	2.72'	"EP1" 110+18.80, 17.2' Lt
8	5.0'	2.72'	"EP1" 110+40.23, 22.0 Lt
9	5.0'	2.72'	"EP1" 110+67.12, 12.7' Lt

CURB RAMP 5

ROUTE 89 & GRAND St

CONSTRUCTION DETAILS

NO SCALE

C-5

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	25	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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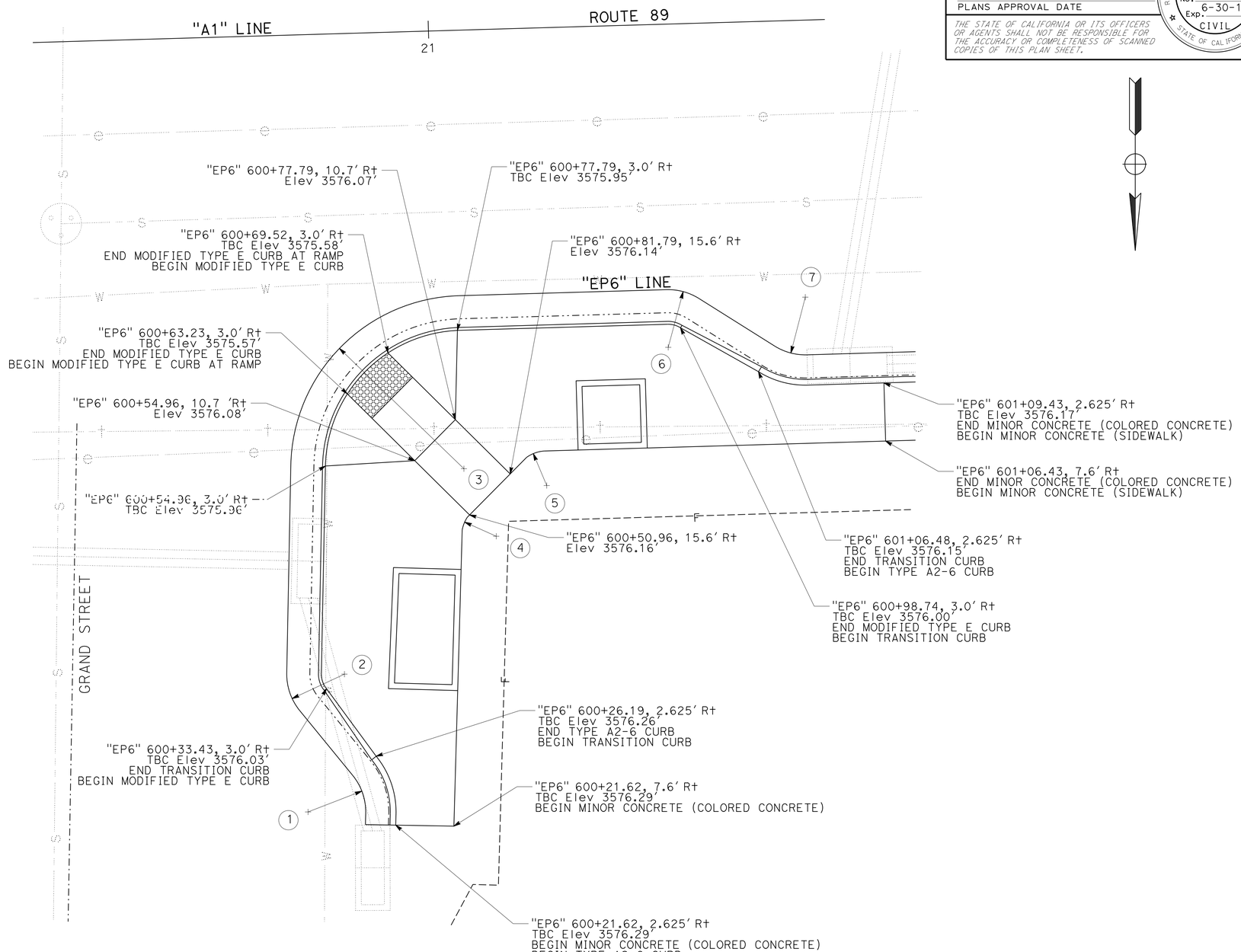
ABBREVIATIONS:

TBC TOP BACK OF CURB



CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	3.53'	"EP6" 600+22.71, 5.0' Lt
2	5.0'	3.53'	"EP6" 600+33.39, 5.0' Rt
3	15.0'	22.83'	"EP6" 600+54.91, 15.0' Rt
4	5.0'	2.95'	"EP6" 600+49.12, 17.9' Rt
5	5.0'	2.95'	"EP6" 600+53.60, 22.2' Rt
6	3.0'	1.19'	"EP6" 600+95.75, 5.0 Rt
7	3.0'	1.62'	"EP6" 601+06.44, 5.0' Lt

CURB RAMP 6

ROUTE 89 & GRAND St

CONSTRUCTION DETAILS

NO SCALE

C-6

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	26	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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CURB RAMP NUMBER

ABBREVIATIONS:

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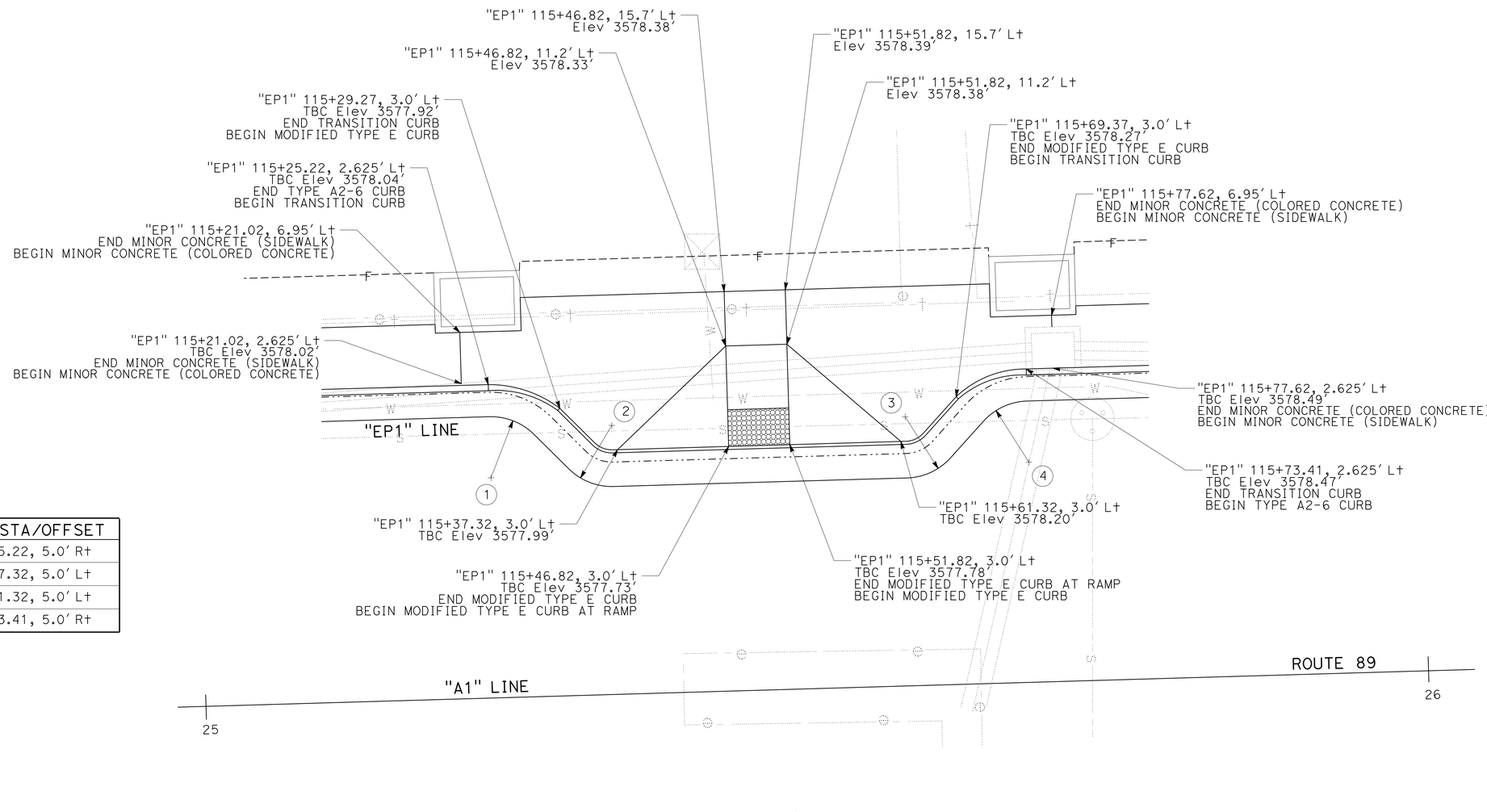

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	4.05'	"EP1" 115+25.22, 5.0' Rt
2	5.0'	4.05'	"EP1" 115+37.32, 5.0' Lt
3	5.0'	4.05'	"EP1" 115+61.32, 5.0' Lt
4	5.0'	4.05'	"EP1" 115+73.41, 5.0' Rt

CURB RAMP 7

ROUTE 89 & JESSIE St

CONSTRUCTION DETAILS

NO SCALE

C-7

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CALCULATED-DESIGNED BY	CHECKED BY
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	27	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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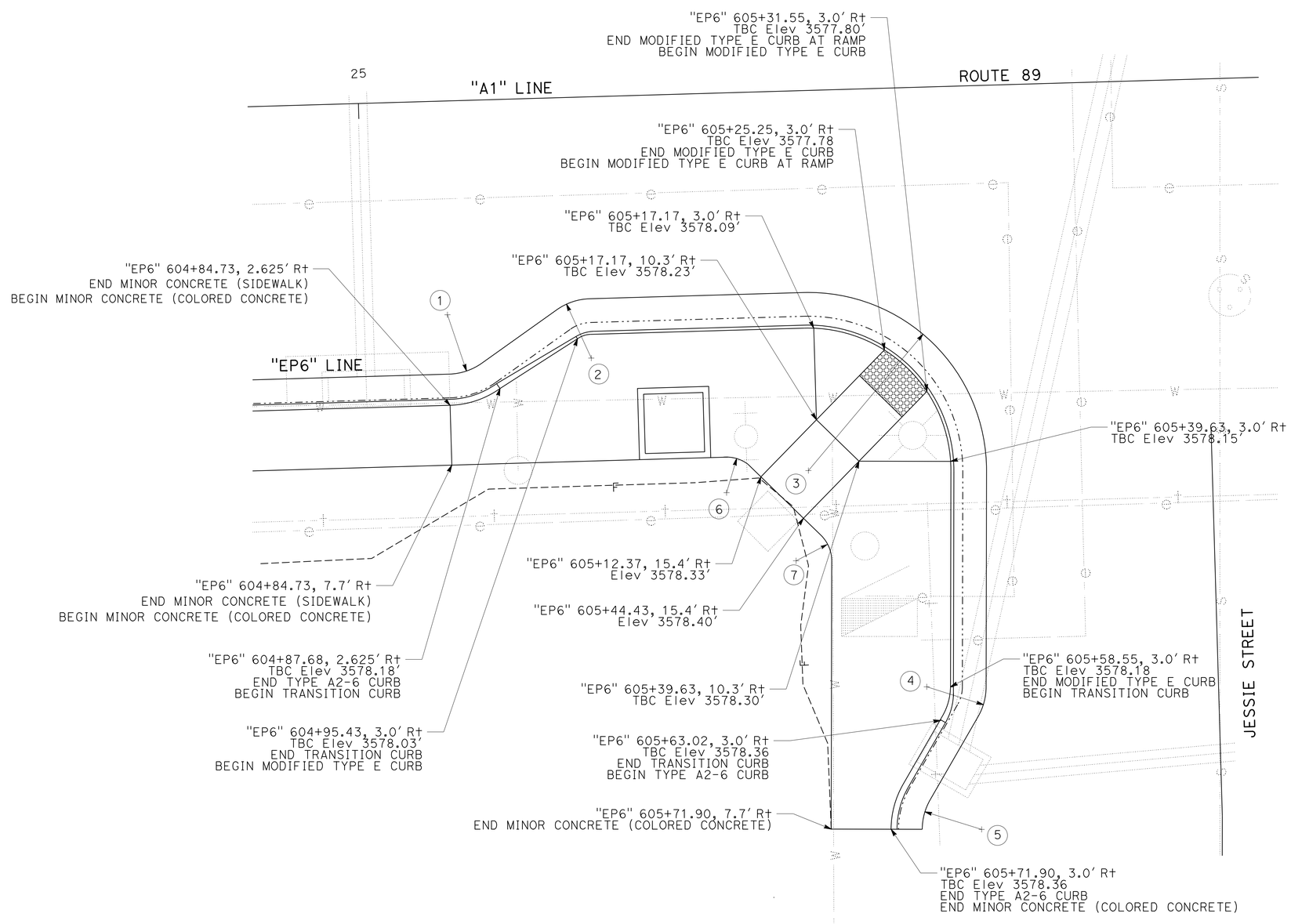
CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0′	2.95′	"EP6" 604+84.73, 5.0′ L†
2	5.0′	2.95′	"EP6" 604+95.44, 5.0′ R†
3	15.0′	24.03′	"EP6" 605+16.39, 15.0′ R†
4	5.0′	2.60′	"EP6" 605+58.60, 5.0′ R†
5	5.0′	2.60′	"EP6" 605+69.30, 5.0′ L†
6	3.0′	2.21′	"EP6" 605+09.44, 16.7′ R†
7	3.0′	2.40′	"EP6" 605+15.12, 22.6′ R†



CURB RAMP 8

ROUTE 89 & JESSIE St

CONSTRUCTION DETAILS

NO SCALE

C-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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FUNCTIONAL SUPERVISOR: ERIC ORR

CALCULATED-DESIGNED BY: JEANNIE STEFFAN

CHECKED BY: SHAUN ALEXANDER

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BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ga008.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	28	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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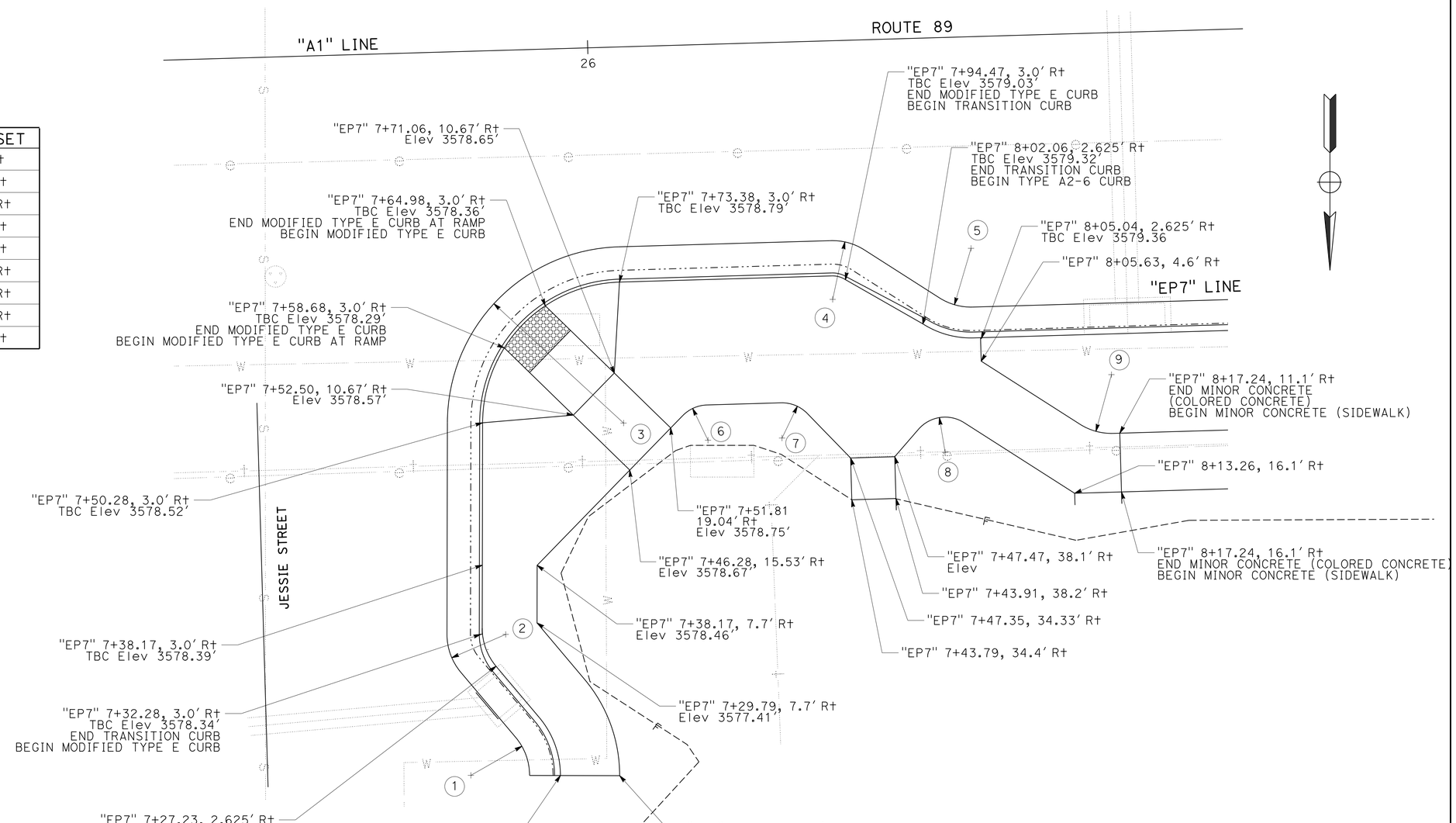
CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0′	3.51′	"EP7" 7+21.51, 5.0′ L†
2	5.0′	3.51′	"EP7" 7+32.28, 5.0′ R†
3	15.0′	23.10′	"EP7" 7+73.38, 15.0′ R†
4	5.0′	3.09′	"EP7" 7+94.47, 5.0′ R†
5	5.0′	2.99′	"EP7" 8+05.04, 5.0′ L†
6	3.0′	2.31′	"EP7" 7+80.52, 16.7′ R†
7	3.0′	2.48′	"EP7" 7+97.18, 17.3′ R†
8	3.0′	4.28′	"EP7" 8+04.27, 12.5′ R†
9	5.0′	2.99′	"EP7" 8+16.68, 6.1′ R†



CURB RAMP 9

ROUTE 89 & JESSIE St

CONSTRUCTION DETAILS

NO SCALE

C-9

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	29	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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CURB RAMP NUMBER

ABBREVIATIONS:

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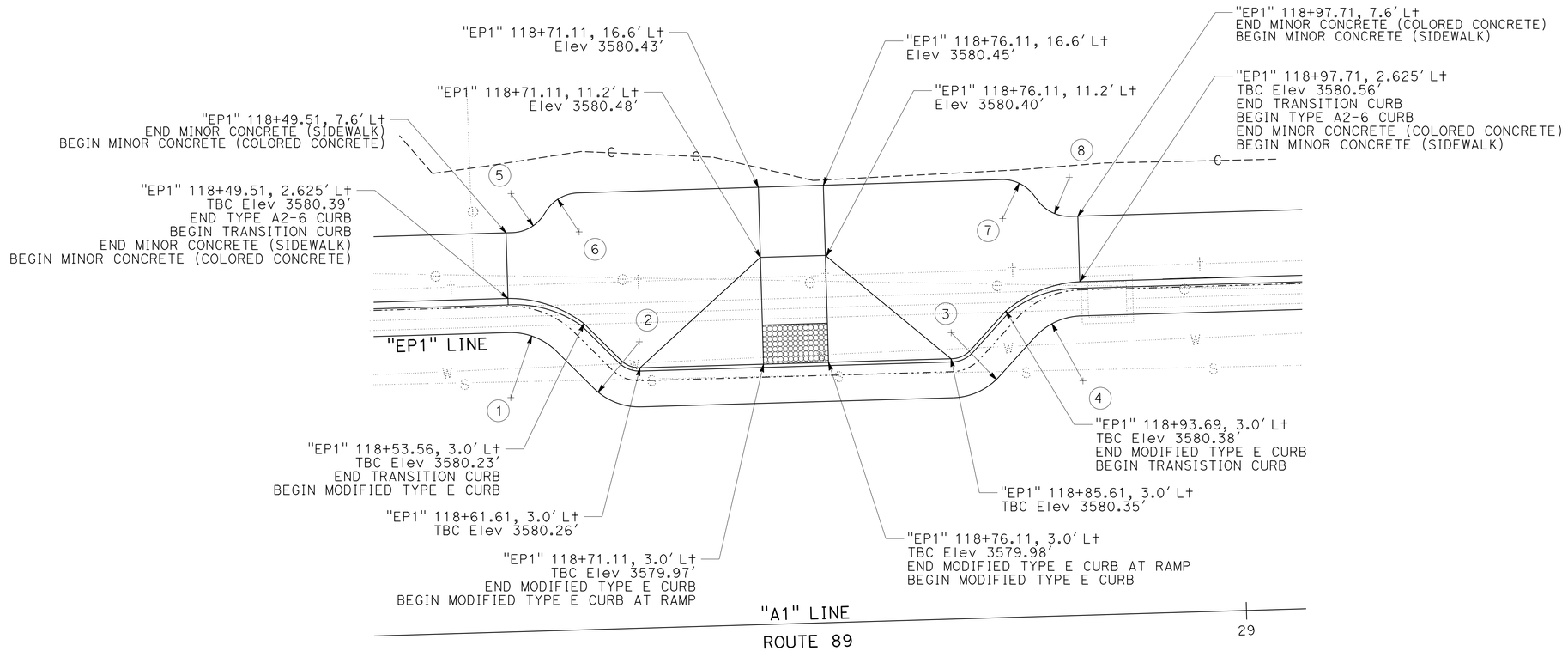

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	4.05'	"EP1" 118+49.51, 5.0' Rt
2	5.0'	4.05'	"EP1" 118+57.56, 5.0' Lt
3	5.0'	4.03'	"EP1" 118+85.60, 5.0' Lt
4	5.0'	4.02'	"EP1" 118+93.69, 5.0' Rt
5	3.0'	2.88'	"EP1" 118+49.66, 10.7' Lt
6	3.0'	2.86'	"EP1" 118+51.61, 8.8' Lt
7	3.0'	2.86'	"EP1" 118+95.56, 8.9' Lt
8	3.0'	2.87'	"EP1" 118+97.53, 10.7' Lt

CURB RAMP 10

ROUTE 89 & PINE St

CONSTRUCTION DETAILS

NO SCALE

C-10

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	30	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

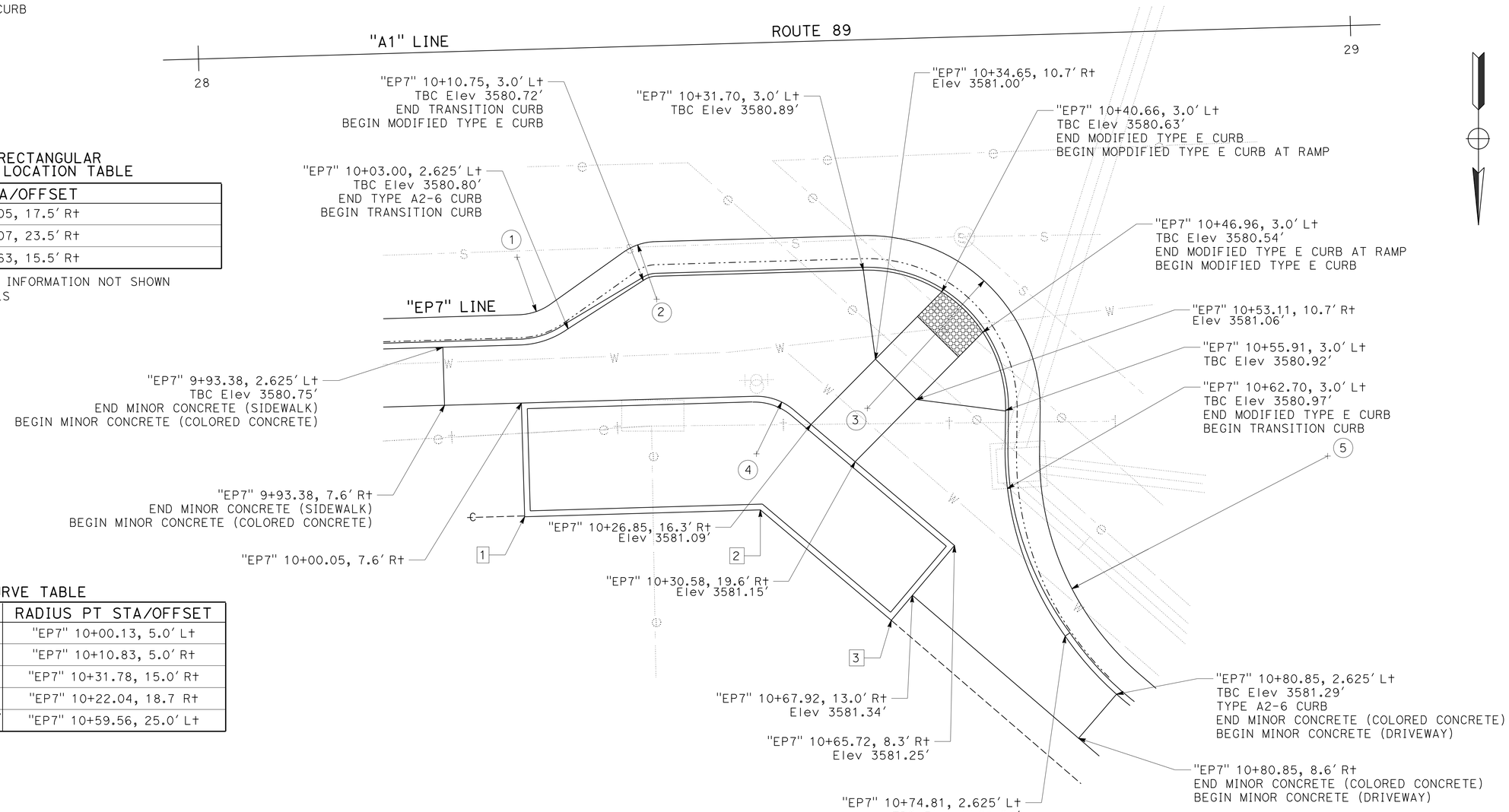
ABBREVIATIONS:

TBC TOP BACK OF CURB

NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP7" 10+00.05, 17.5′ R†
2	"EP7" 10+22.07, 23.5′ R†
3	"EP7" 10+66.63, 15.5′ R†

NOTE: FOR PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS



CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0′	2.95′	"EP7" 10+00.13, 5.0′ L†
2	5.0′	2.95′	"EP7" 10+10.83, 5.0′ R†
3	15.0′	24.22′	"EP7" 10+31.78, 15.0′ R†
4	5.0′	3.65′	"EP7" 10+22.04, 18.7 R†
5	25.0′	21.87′	"EP7" 10+59.56, 25.0′ L†

CURB RAMP 11

ROUTE 89 & PINE S†

CONSTRUCTION DETAILS

NO SCALE

C-11

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	31	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB

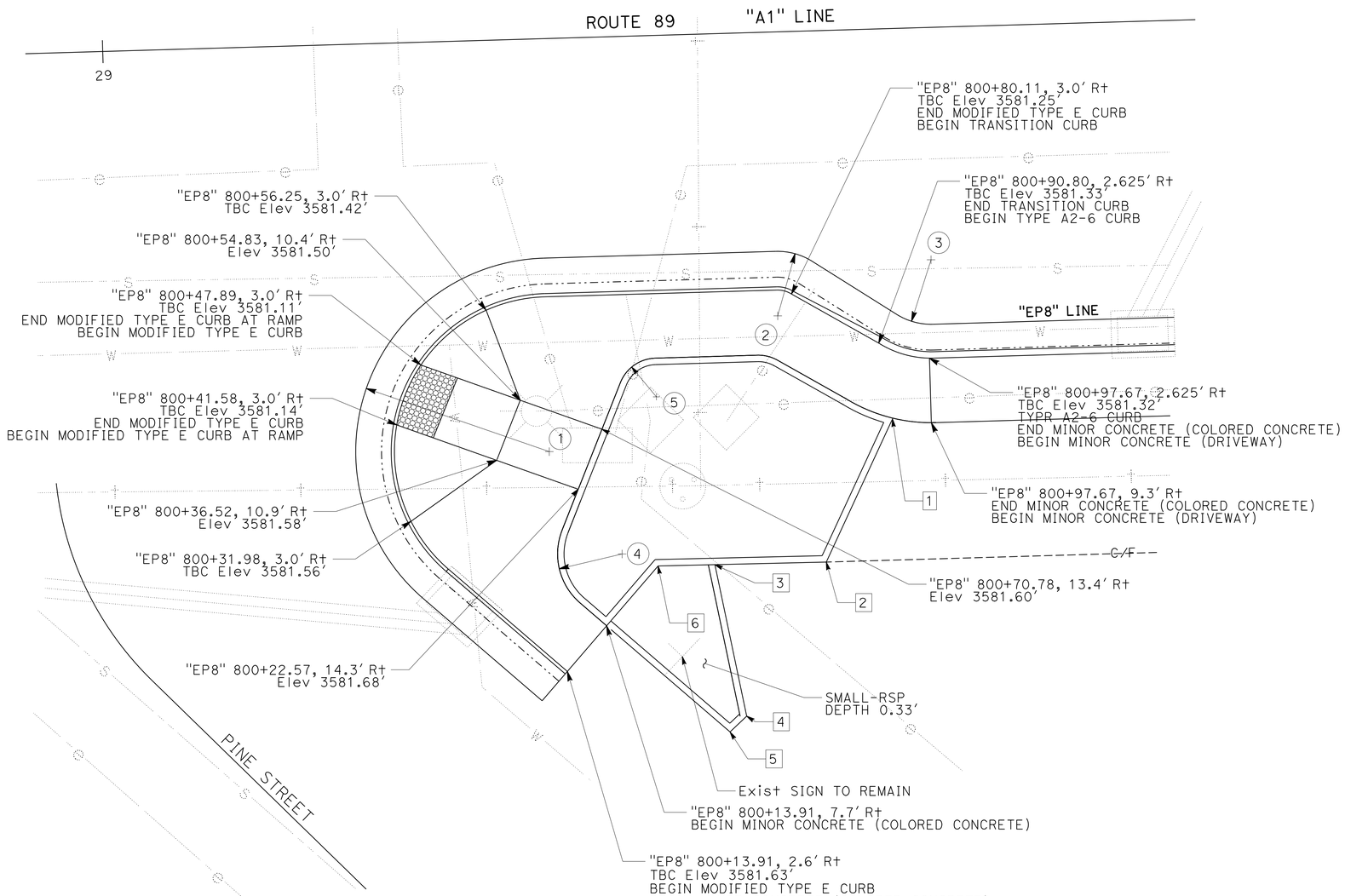
NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP8" 800+92.40, 7.7′ R†
2	"EP8" 800+04.23, 22.5′ R†
3	"EP8" 800+10.70, 16.7′ R†
4	"EP8" 800+01.33, 9.2′ R†
5	"EP8" 800+01.33, 7.7′ R†
6	"EP8" 800+14.00, 13.8′ R†

NOTE: FOR PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	15.0′	36.03′	"EP8" 800+26.21, 5.0′ R†
2	5.0′	2.95′	"EP8" 800+80.24, 5.0′ R†
3	5.0′	2.95′	"EP8" 800+90.94, 5.0′ L†
4	5.0′	6.17′	"EP8" 800+16.76, 12.7′ R†
5	5.0′	5.84′	"EP8" 800+17.63, 15.2′ R†



CURB RAMP 12

ROUTE 89 & PINE St

CONSTRUCTION DETAILS

NO SCALE

C-12

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	32	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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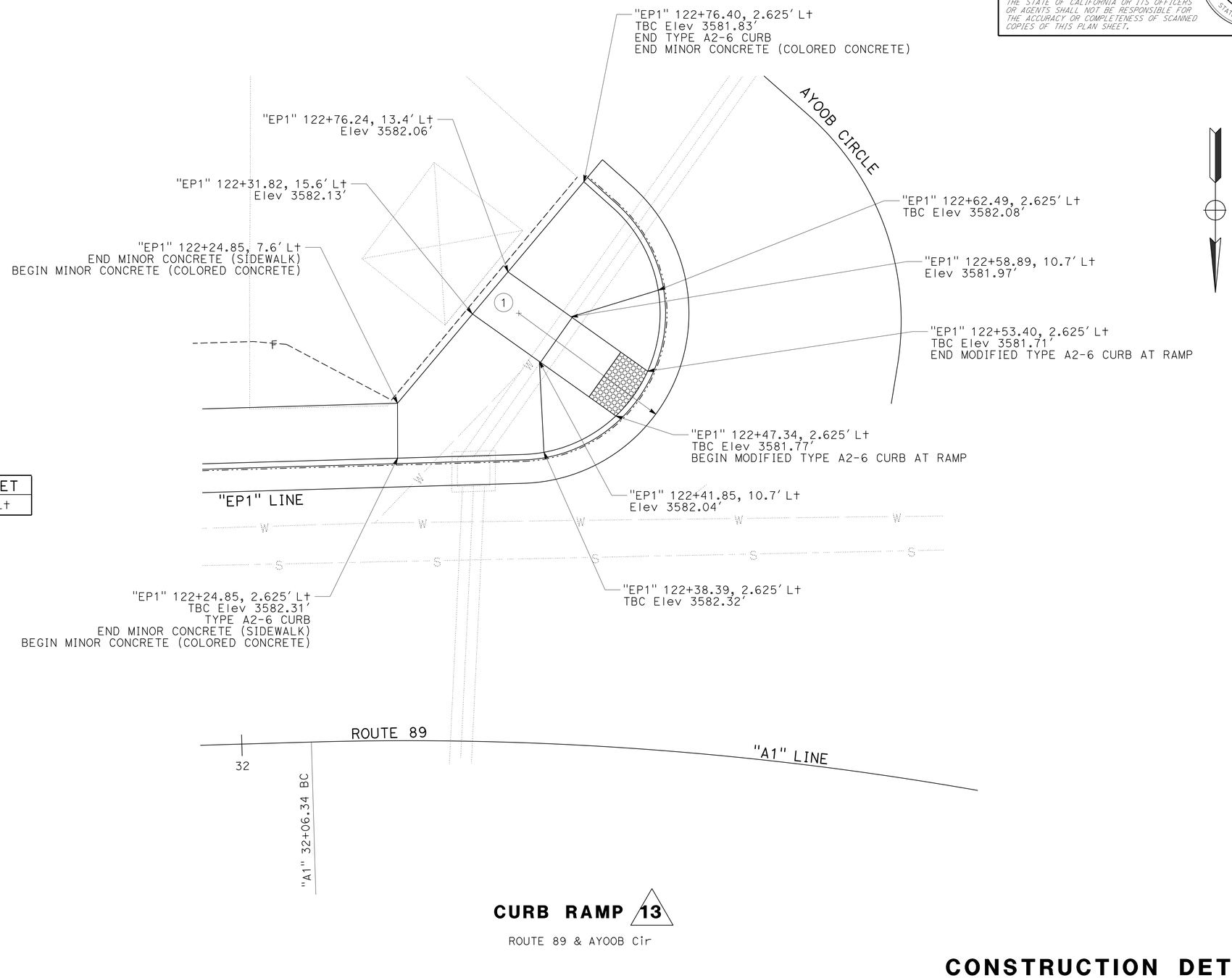

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	15.5'	36.61'	"EP1" 122+36.06, 15.5' Lt

CURB RAMP 13

ROUTE 89 & AYOOB Cir

CONSTRUCTION DETAILS

NO SCALE

C-13

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	33	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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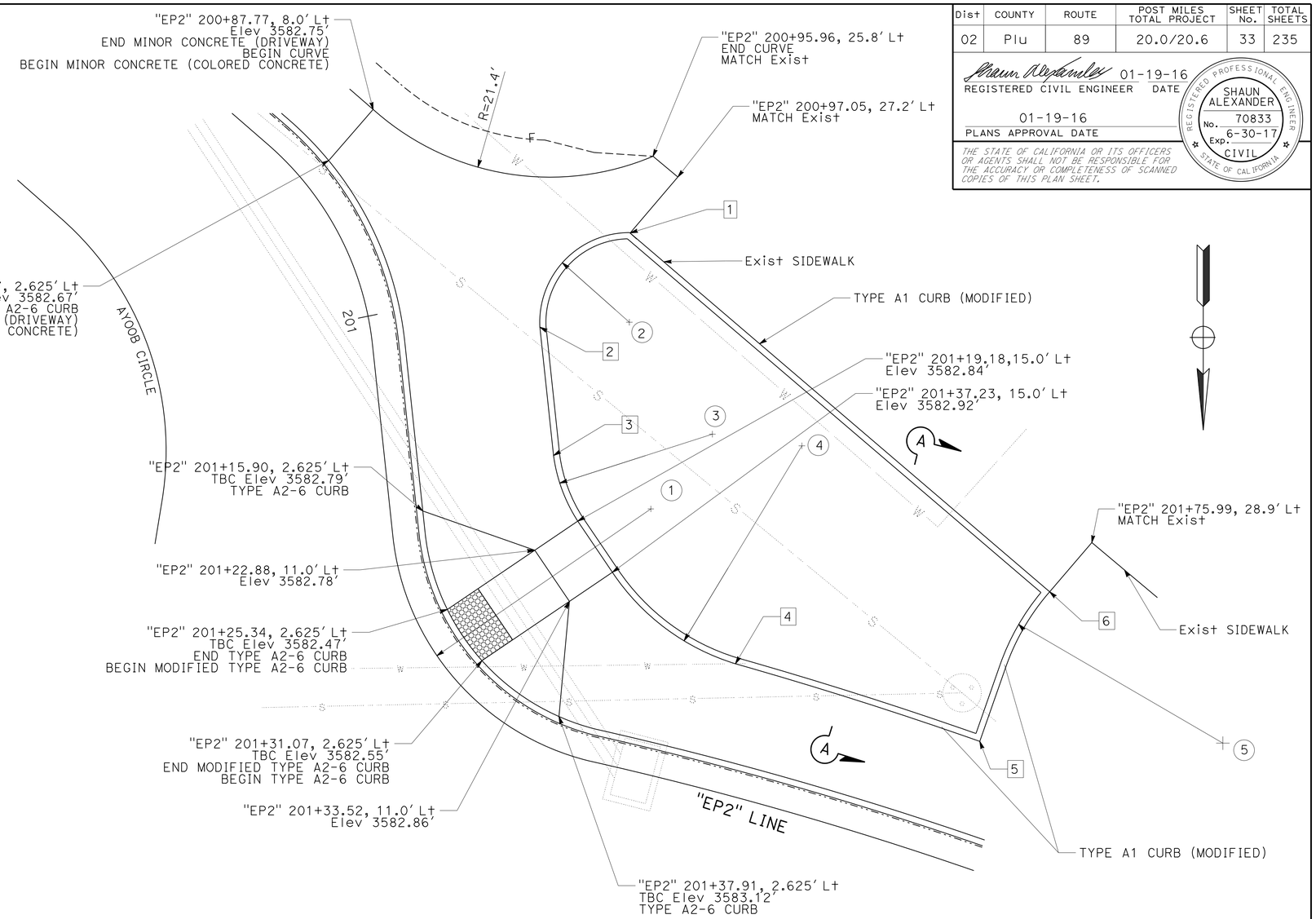
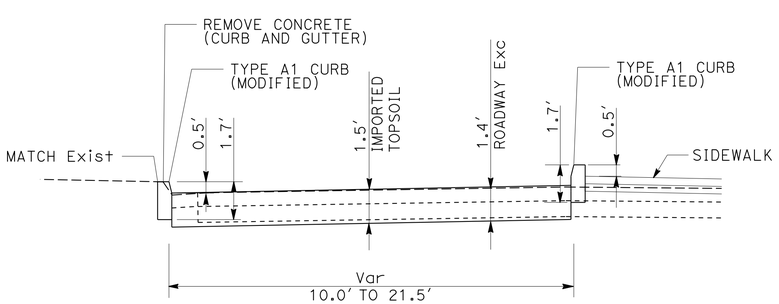


CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	21.0'	25.56'	"EP2" 201+17.86, 21.0' Lt
2	7.3'	11.81'	"EP2" 201+02.74, 20.9' Lt
3	13.0'	5.71'	"EP2" 201+12.50, 26.6' Lt
4	18.4'	12.65'	"EP2" 201+53.28, 29.1' Lt
5	19.1'	7.27'	"EP2" 201+90.87, 16.7' Lt

NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP2" 200+98.67, 22.2' Lt
2	"EP2" 201+02.31, 13.6' Lt
3	"EP2" 201+12.85, 13.6' Lt
4	"EP2" 201+52.95, 10.1' Lt
5	"EP2" 201+73.09, 10.1' Lt
6	"EP2" 201+74.26, 24.0' Lt



SECTION A-A

CURB RAMP 14

ROUTE 89 & AYOOB Cir

CONSTRUCTION DETAILS

NO SCALE

C-14

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02	Plu	89	20.0/20.6	34	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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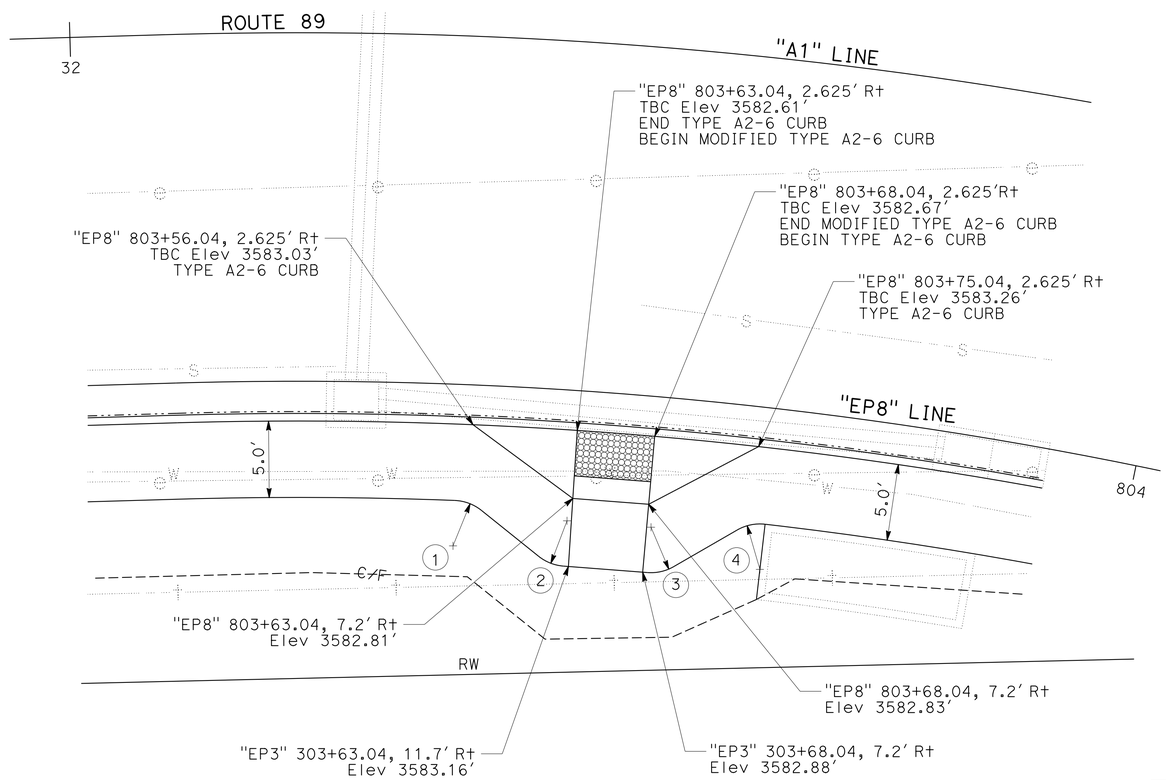

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	3.0′	1.91′	"EP8" 803+54.88, 10.7′ R†
2	3.0′	1.80′	"EP8" 803+62.58, 8.6′ R†
4	3.0′	1.80′	"EP8" 803+68.32, 8.6′ R†
5	3.0′	1.91′	"EP8" 803+76.02, 10.7 R†

CURB RAMP 15

ROUTE 89 & AYOOB Cir

CONSTRUCTION DETAILS

NO SCALE

C-15

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	35	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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ABBREVIATIONS:

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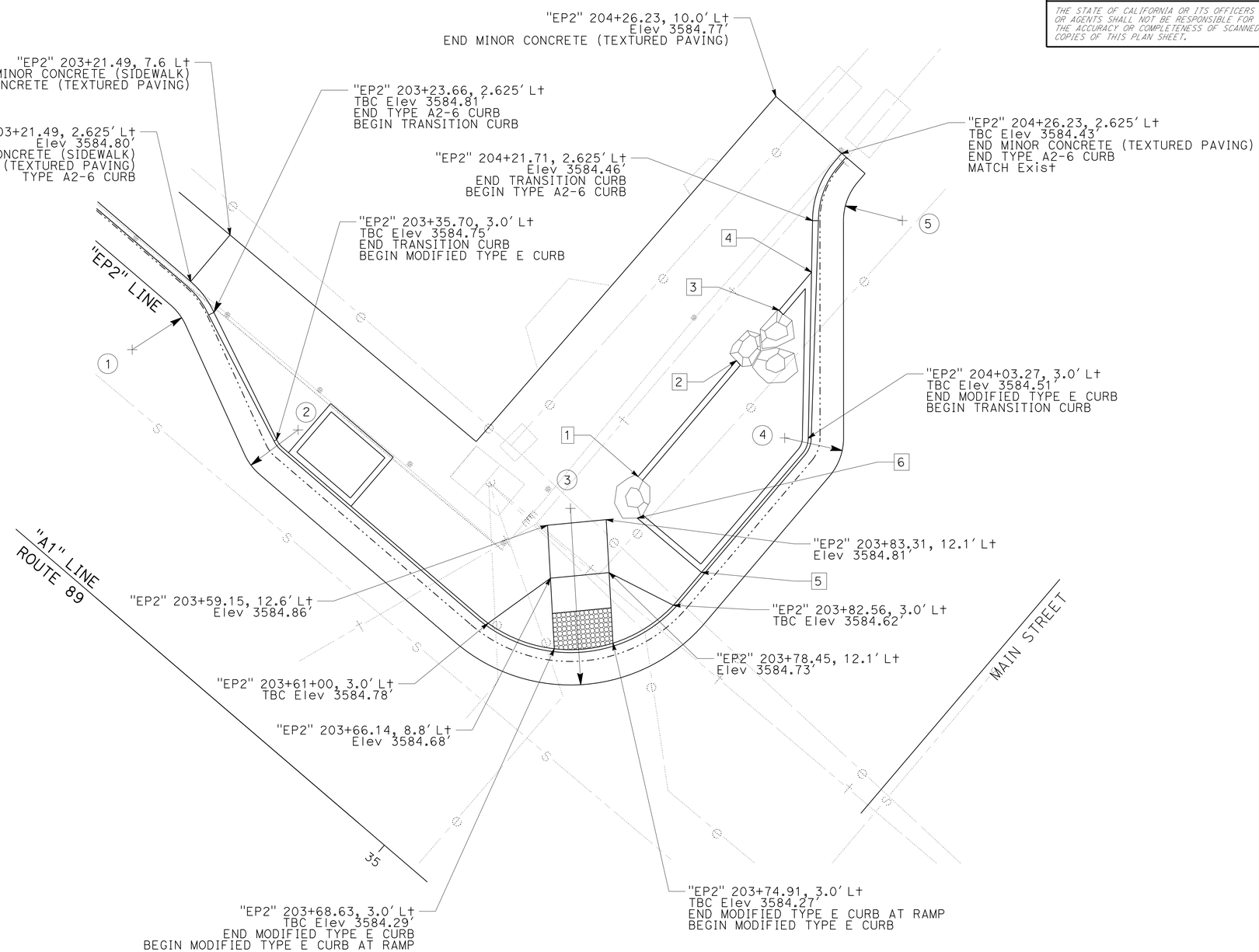

NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP2" 203+89.19, 12.6' Lt
2	"EP2" 204+10.09, 9.1' Lt
3	"EP2" 204+14.01, 5.5' Lt
4	"EP2" 204+17.35, 2.7' Lt
5	"EP2" 203+86.47, 3.0' Lt
6	"EP2" 203+86.47, 10.2' Lt

NOTE: FOR PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	2.17'	"EP2" 203+21.41, 5.0' Rt
2	5.0'	2.17'	"EP2" 203+37.80, 5.0' Lt
3	15.0'	23.57'	"EP2" 203+59.70, 15.0' Lt
4	5.0'	3.52'	"EP2" 203+97.67, 5.0' Lt
5	5.0'	3.52'	"EP2" 204+21.65, 5.0' Rt

CURB RAMP 16

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS

NO SCALE

C-16

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	36	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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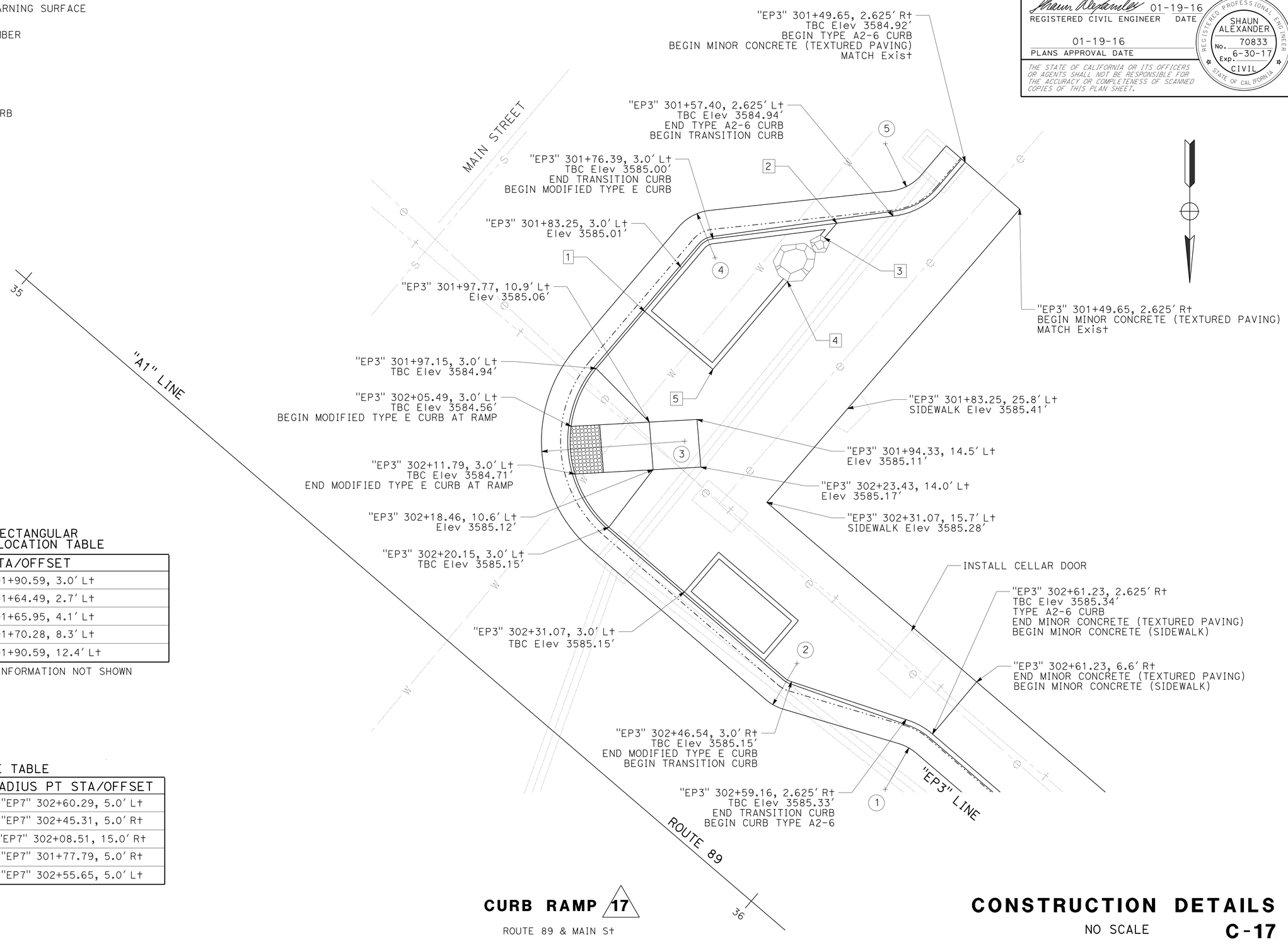

NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP3" 301+90.59, 3.0' Lt
2	"EP3" 301+64.49, 2.7' Lt
3	"EP3" 301+65.95, 4.1' Lt
4	"EP3" 301+70.28, 8.3' Lt
5	"EP3" 301+90.59, 12.4' Lt

NOTE: FOR PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5.0'	2.10'	"EP7" 302+60.29, 5.0' Lt
2	5.0'	2.10'	"EP7" 302+45.31, 5.0' Rt
3	15.0'	23.49'	"EP7" 302+08.51, 15.0' Rt
4	5.0'	3.80'	"EP7" 301+77.79, 5.0' Rt
5	5.0'	3.80'	"EP7" 302+55.65, 5.0' Lt

CURB RAMP 17

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS

NO SCALE

C-17

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	37	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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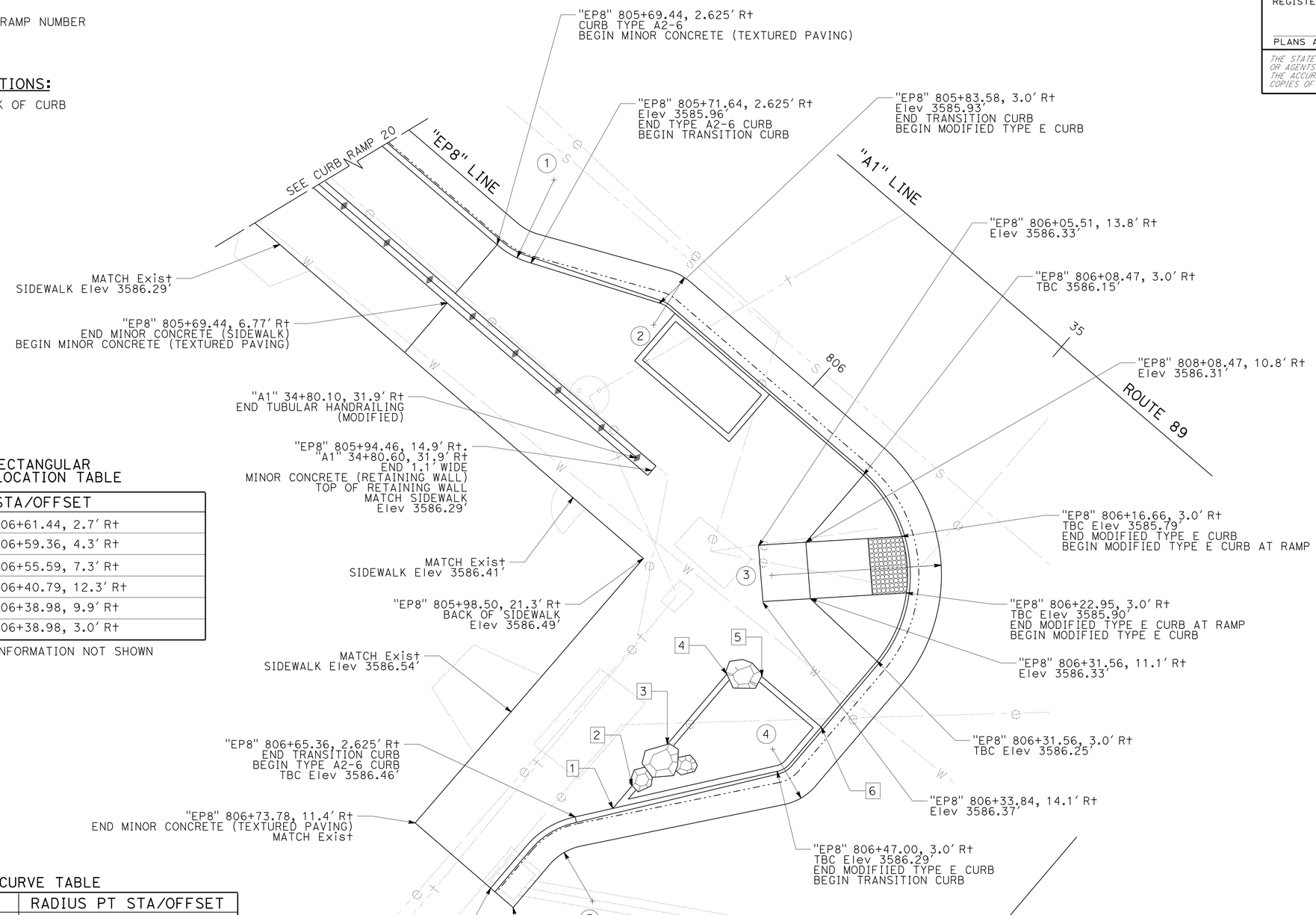
CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB



NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP8" 806+61.44, 2.7' R+
2	"EP8" 806+59.36, 4.3' R+
3	"EP8" 806+55.59, 7.3' R+
4	"EP8" 806+40.79, 12.3' R+
5	"EP8" 806+38.98, 9.9' R+
6	"EP8" 806+38.98, 3.0' R+

NOTE: FOR PLANTER INFORMATION NOT SHOWN
SEE PLANTER DETAILS

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	7.6'	2.19'	"EP8" 805+69.44, 5.0' R+
2	5.0'	2.19'	"EP8" 805+85.77, 5.0' R+
3	15.0'	23.49'	"EP8" 806+20.11, 15.0' R+
4	5.0'	3.32'	"EP8" 806+43.23, 5.0' R+
5	5.0'	3.32'	"EP8" 806+67.80, 5.0' R+

CURB RAMP 18

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS

NO SCALE

C-18

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01-19-16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	38	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

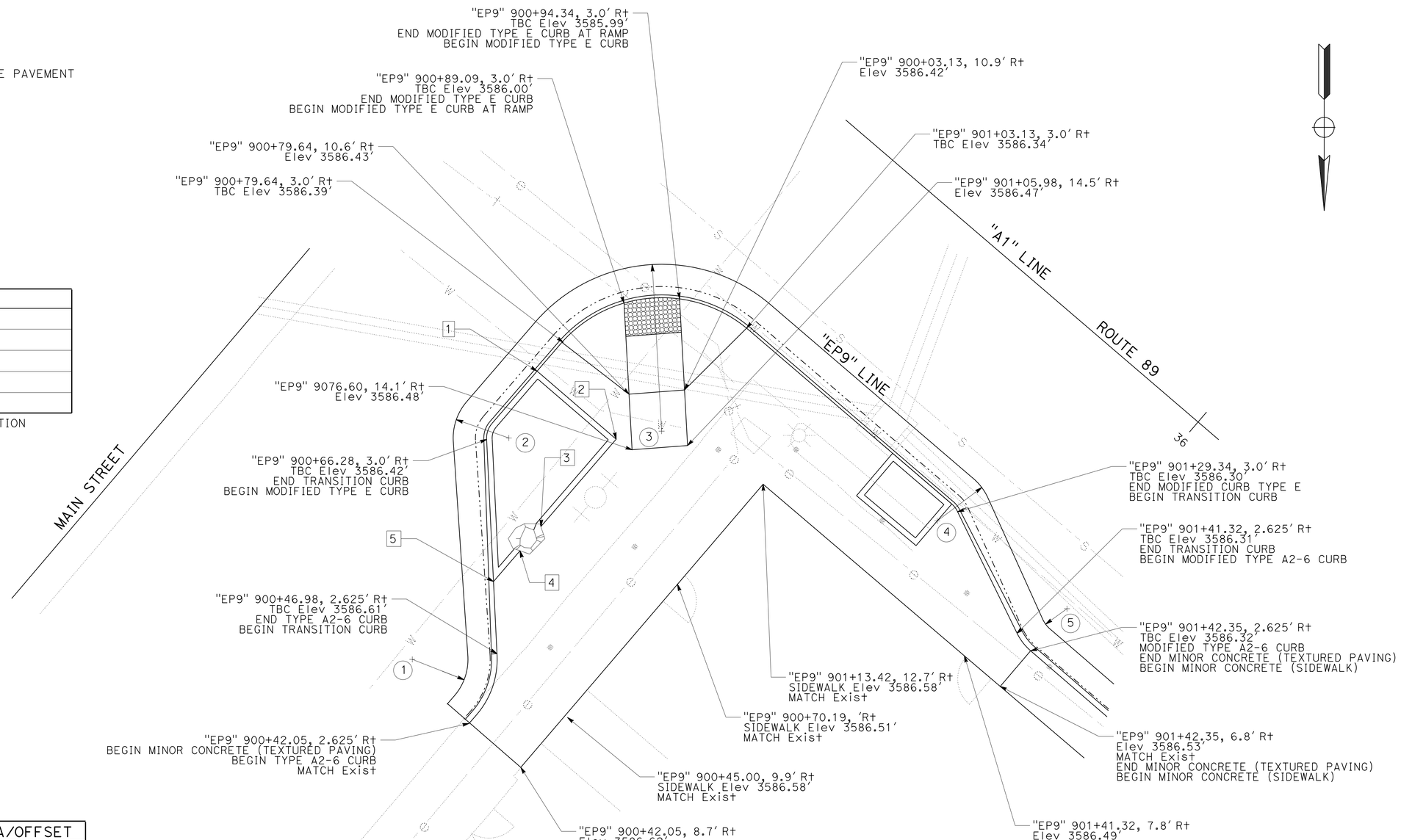
ABBREVIATIONS:

TBC	TOP BACK OF CURB
TRC	TOP OF RETAINING CURB
CPACP	COLD PLANE ASPHALT CONCRETE PAVEMENT
(E)	EXISTING

NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP9" 900+76.34, 3.0′ R†
2	"EP9" 900+76.34, 12.3′ R†
3	"EP9" 900+58.10, 7.3′ R†
4	"EP9" 900+56.05, 5.3′ R†
5	"EP9" 900+53.45, 2.8′ R†

NOTE: FOR ADDITIONAL PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS



CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	5′	10′	"EP9" 900+42.98, 5.0′ L†
2	5′	10′	"EP9" 900+66.16, 5.0′ R†
3	15′	30′	"EP9" 900+79.48, 15.0′ R†
4	5′	10′	"EP9" 901+27.06, 5.0′ R†
5	2.4′	4.8′	"EP9" 900+42.27, 2.4′ L†

CURB RAMP 19

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS

NO SCALE

C-19

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	39	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

1. TYPICAL SECTIONS INDICATE ELEVATION LOCATIONS NOTED IN PLAN VIEW.

LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

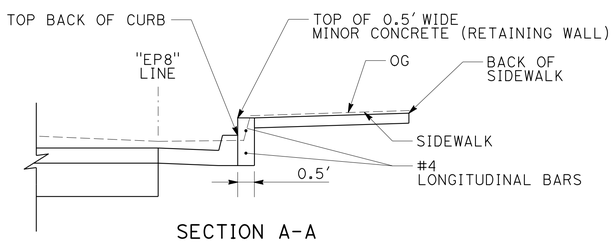
ABBREVIATIONS:

TBC TOP BACK OF CURB

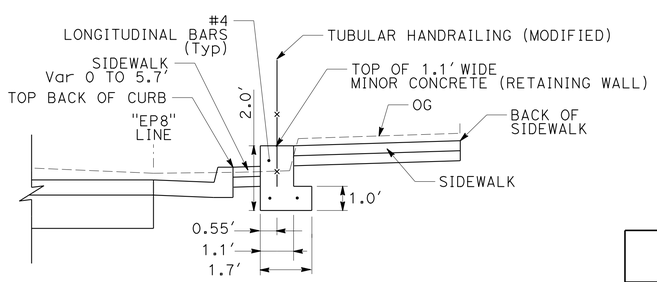
NON RECTANGULAR PLANTER LOCATION TABLE

No.	STA/OFFSET
1	"EP8" 804+98.89, 2.6′ L†
2	"EP8" 804+98.46, 4.9′ L†
3	"EP8" 805+14.36, 6.8′ L†
4	"EP8" 805+14.84, 2.6′ L†

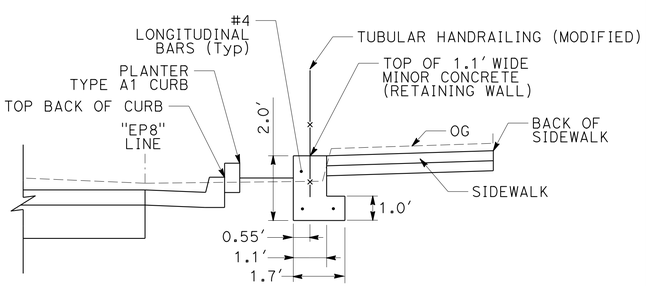
NOTE: FOR PLANTER INFORMATION NOT SHOWN SEE PLANTER DETAILS



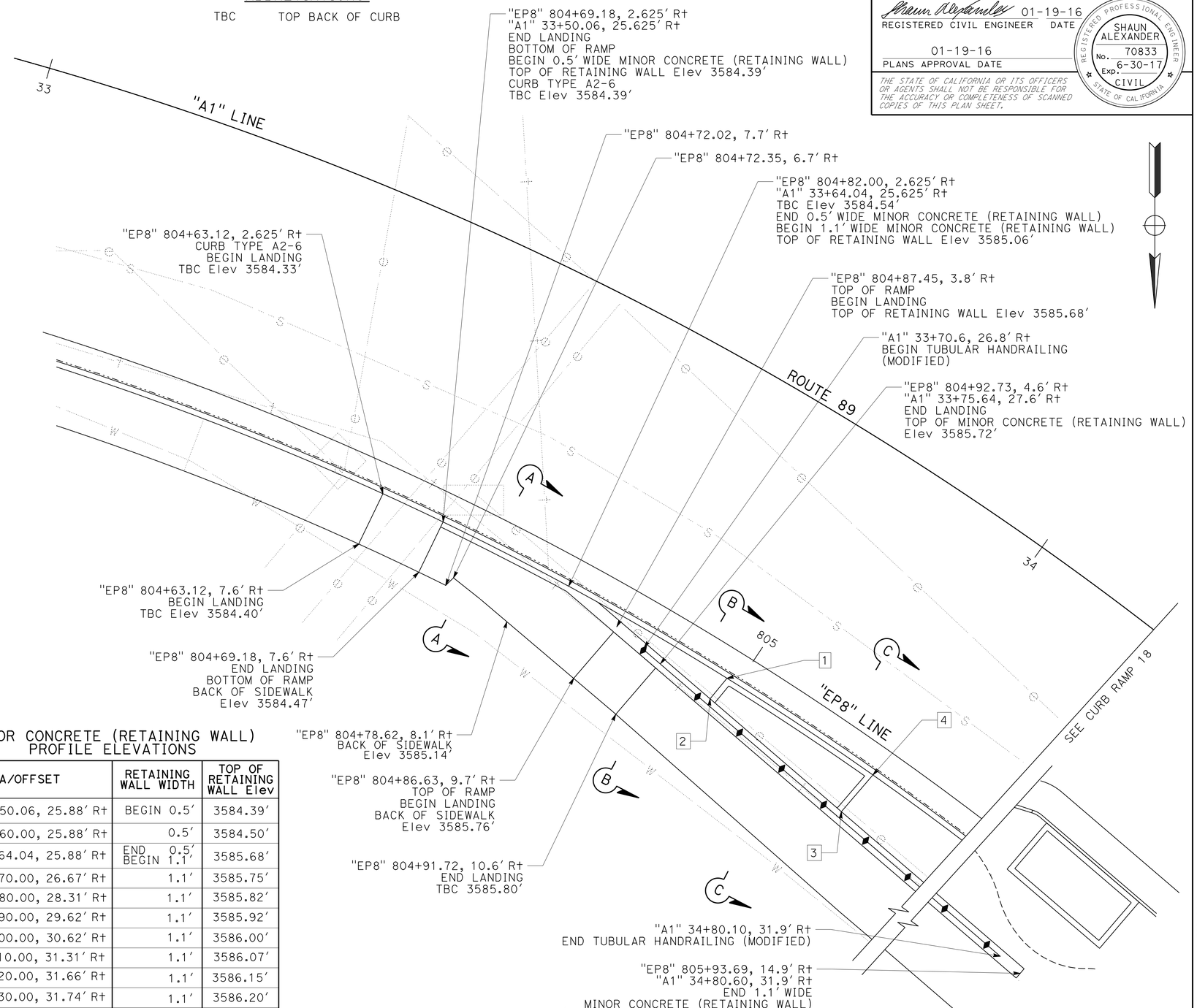
SECTION A-A
"EP8" 804+69.18 TO 804+82.00



SECTION B-B
"EP8" 804+82.00 TO 804+98.89
"EP8" 805+14.36 TO 805+93.69



SECTION C-C
"EP8" 804+98.89 TO 805+14.36



MINOR CONCRETE (RETAINING WALL) PROFILE ELEVATIONS

STA/OFFSET	RETAINING WALL WIDTH	TOP OF RETAINING WALL Elev
"A1" 33+50.06, 25.88′ R†	BEGIN 0.5′	3584.39′
"A1" 33+60.00, 25.88′ R†	0.5′	3584.50′
"A1" 33+64.04, 25.88′ R†	END 0.5′ BEGIN 1.1′	3585.68′
"A1" 33+70.00, 26.67′ R†	1.1′	3585.75′
"A1" 33+80.00, 28.31′ R†	1.1′	3585.82′
"A1" 33+90.00, 29.62′ R†	1.1′	3585.92′
"A1" 34+00.00, 30.62′ R†	1.1′	3586.00′
"A1" 34+10.00, 31.31′ R†	1.1′	3586.07′
"A1" 34+20.00, 31.66′ R†	1.1′	3586.15′
"A1" 34+30.00, 31.74′ R†	1.1′	3586.20′
"A1" 34+40.00, 31.88′ R†	1.1′	3586.22′
"A1" 34+50.00, 31.88′ R†	1.1′	3586.23′
"A1" 34+60.00, 31.88′ R†	1.1′	3586.32′
"A1" 34+80.60, 31.95′ R†	END 1.1′	3586.30′

CURB RAMP 20

ROUTE 89
FRONT WALK IN FRONT OF SIERRA LODGE

CONSTRUCTION DETAILS

NO SCALE

C-20

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	40	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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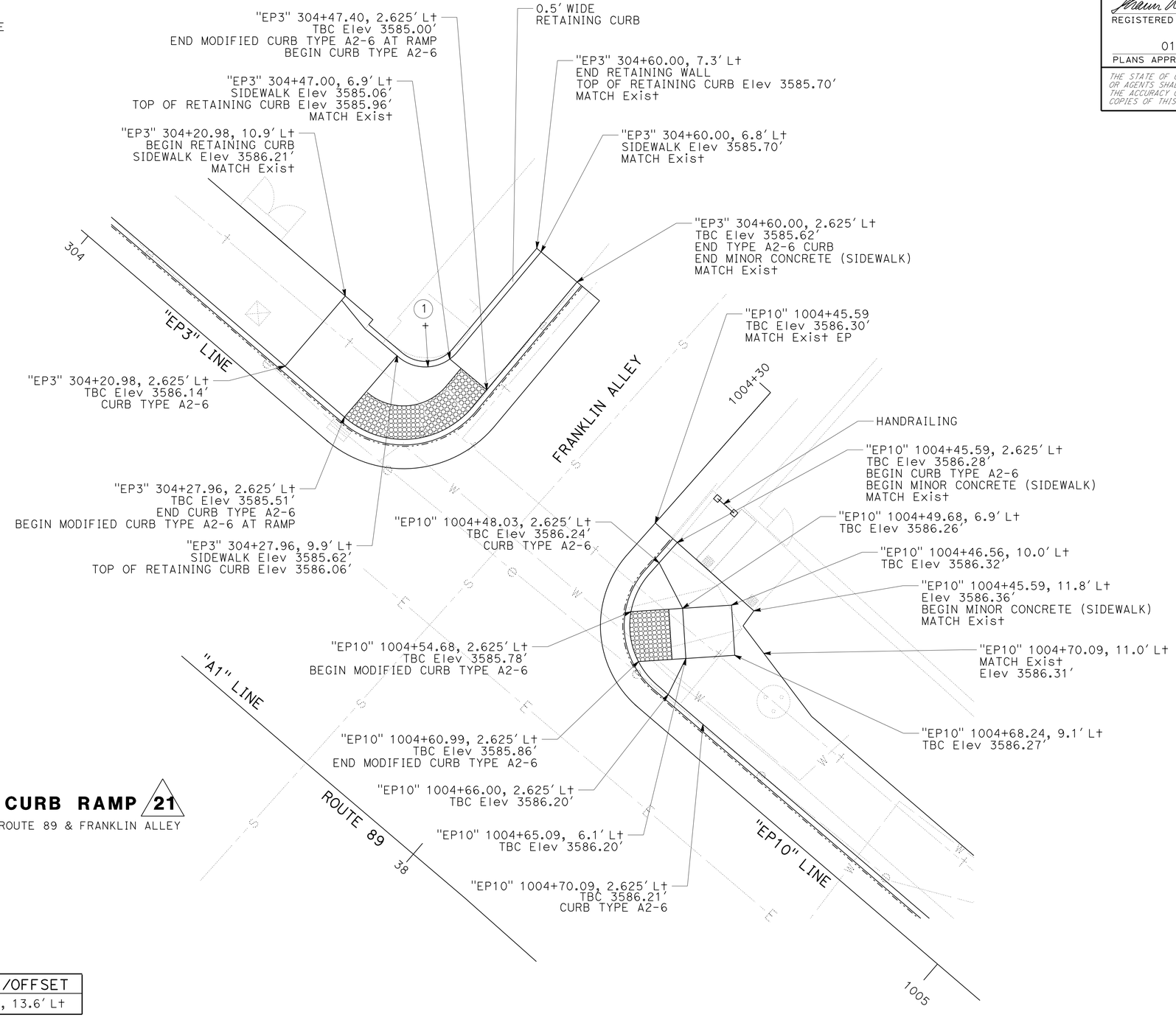
LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB



CURB RAMP 21
ROUTE 89 & FRANKLIN ALLEY

CURB RAMP 22
ROUTE 89 & FRANKLIN ALLEY

CURVE TABLE

No.	R	L	RADIUS PT STA/OFFSET
1	3.7'	5.82'	"EP3" 304+27.98, 13.6' Lt

CONSTRUCTION DETAILS

NO SCALE

C-21

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	41	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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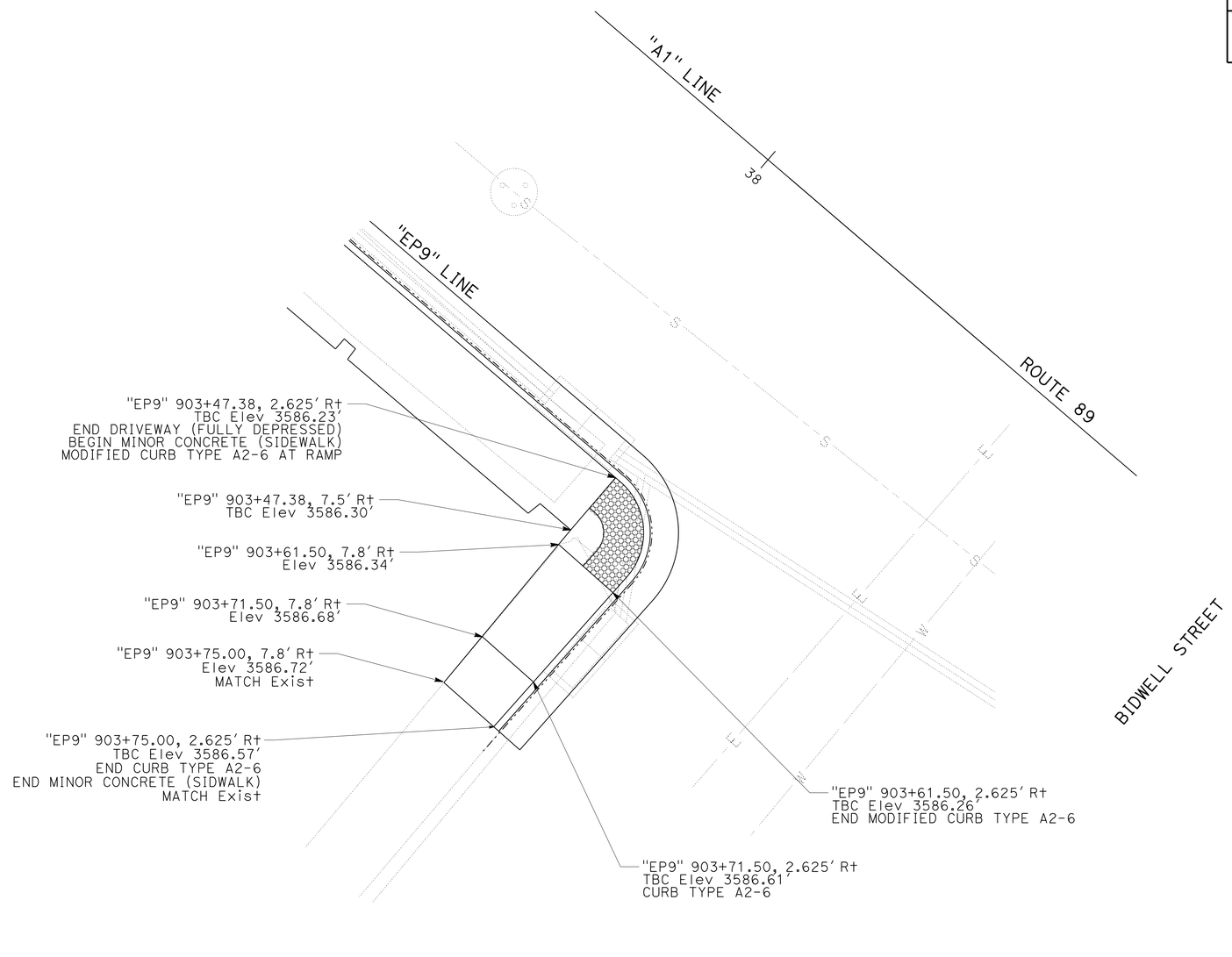
LEGEND:

DETECTABLE WARNING SURFACE

CURB RAMP NUMBER

ABBREVIATIONS:

TBC TOP BACK OF CURB



CURB RAMP 23

ROUTE 89 & BIDWELL St

CONSTRUCTION DETAILS

NO SCALE

C-22

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	42	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

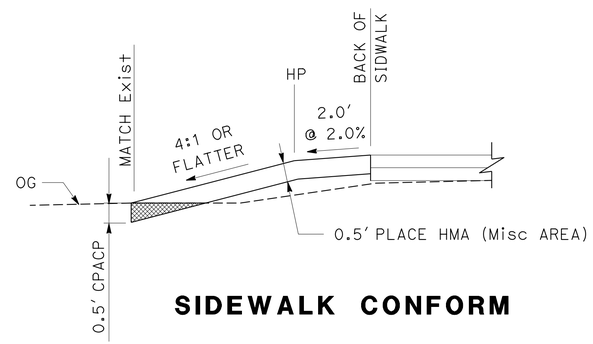
1. SEE QUANTITIY SHEETS FOR STATION LOCATIONS.

LEGEND:

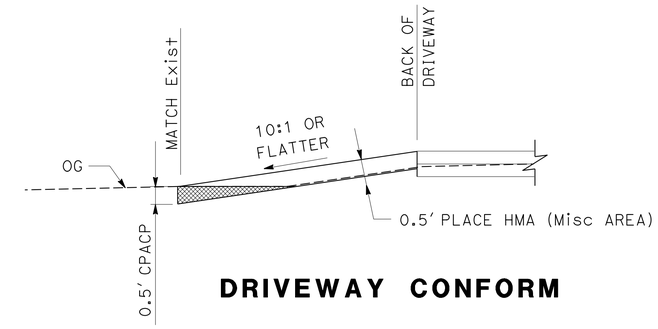
CPACP

ABBREVIATIONS:

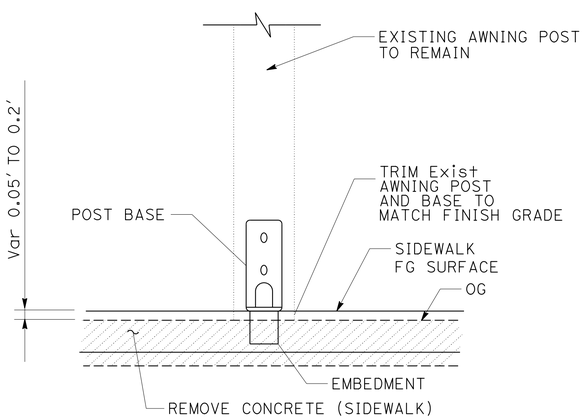
CPACP COLD PLANE ASPHALT CONCRETE PAVEMENT



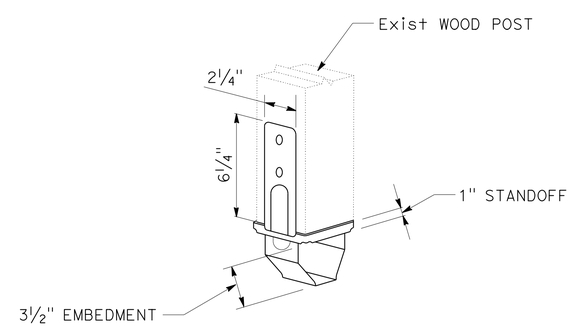
SIDEWALK CONFORM



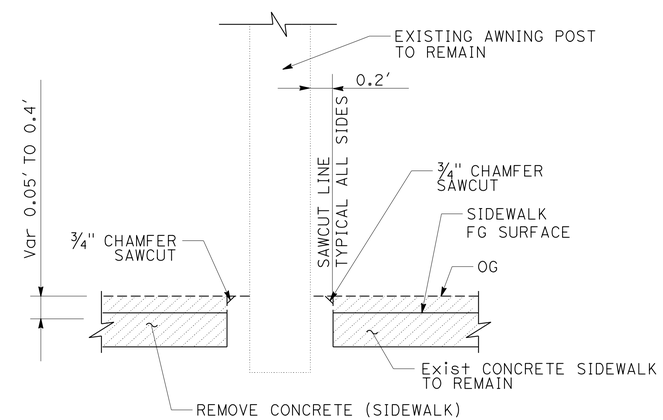
DRIVEWAY CONFORM



WHEN OG IS BELOW FINISH GRADE



POST BASE
WHEN OG IS BELOW FINISH GRADE



WHEN OG IS ABOVE FINISH GRADE

CONSTRUCTION DETAILS
EXISTING AWNING POSTS TO REMAIN

NO SCALE

C-23

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	43	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTE:

1. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

MINOR CONCRETE (SIDEWALK)

LINE	R†/L†	STATION	WIDTH, LF
"EP1"	L†	104+62.43 TO 105+37.43	9
"EP1"	L†	105+37.43 TO 105+64.21	5
"EP1"	L†	105+99.21 TO 106+98.47	5
"EP1"	L†	107+46.58 TO 107+58.30	5
"EP1"	L†	107+93.38 TO 109+14.33	5
"EP1"	L†	109+49.33 TO 110+00.90	5
"EP1"	L†	110+69.76 TO 110+88.07	5
"EP1"	L†	111+23.07 TO 111+68.09	5
"EP1"	L†	111+92.09 TO 112+98.78	5
"EP1"	L†	113+18.78 TO 113+85.79	5
"EP1"	L†	113+85.79 TO 113+89.99	10.6
"EP1"	L†	113+89.99 TO 114+07.60	5
"EP1"	L†	114+19.60 TO 114+49.31	5
"EP1"	L†	114+69.31 TO 115+21.02	5
"EP1"	L†	115+77.62 TO 115+83.31	5
"EP1"	L†	116+18.31 TO 116+98.82	5
"EP1"	L†	116+98.82 TO 117+03.02	8.2
"EP1"	L†	117+03.02 TO 117+24.42	5
"EP1"	L†	117+44.42 TO 117+50.64	5
"EP1"	L†	117+50.64 TO 117+55.96	5
"EP1"	L†	117+55.96 TO 117+61.23	8.2
"EP1"	L†	117+61.23 TO 117+66.56	5
"EP1"	L†	117+66.56 TO 117+72.91	5
"EP1"	L†	117+92.91 TO 118+31.23	5
"EP1"	L†	118+31.23 TO 118+36.28	8
"EP1"	L†	118+36.28 TO 118+49.51	5
"EP1"	L†	118+97.71 TO 119+46.49	5
"EP1"	L†	119+46.49 TO 119+50.63	5 - 6.7
"EP1"	L†	119+50.63 TO 119+52.46	6.7
"EP1"	L†	120+02.46 TO 120+25.14	6.7
"EP1"	L†	120+40.14 TO 120+46.52	6.7
"EP1"	L†	120+46.52 TO 121+52.69	5 -19
"EP1"	L†	121+52.69 TO 121+68.50	5
"EP1"	L†	121+92.50 TO 122+24.85	5
"EP2"	L†	200+43.18 TO 200+67.77	5.1
"EP2"	L†	202+27.44 TO 203+21.49	5
"EP3"	L†	302+61.23 TO 302+97.78	7.2
"EP3"	L†	302+97.78 TO 304+50.68	6.7-7.2
"EP10"	L†	1004+37.78 TO 1004+69.42	6.7-9.2
"EP10"	L†	1004+69.42 TO 1005+38.33	6.9

MINOR CONCRETE (SIDEWALK) CONTINUED

LINE	R†/L†	STATION	WIDTH, LF
"EP5"	R†	500+95.42 TO 501+27.75	5
"EP5"	R†	501+71.05 TO 505+58.47	5
"EP5"	R†	505+93.45 TO 506+30.50	5
"EP5"	R†	506+79.01 TO 507+10.95	5
"EP5"	R†	507+46.02 TO 507+67.36	5
"EP5"	R†	507+67.36 TO 508+13.53	8.5
"EP5"	R†	508+13.53 TO 509+43.34	5
"EP5"	R†	510+27.01 TO 510+30.70	9.1
"EP5"	R†	510+30.70 TO 510+35.70	3
"EP6"	R†	601+06.16 TO 601+19.75	5
"EP6"	R†	601+44.75 TO 601+79.15	5
"EP6"	R†	602+04.15 TO 603+12.79	5
"EP6"	R†	603+27.86 TO 603+90.88	5
"EP6"	R†	604+05.92 TO 604+81.81	5
"EP7"	R†	08+13.97 TO 08+91.22	5
"EP7"	R†	08+91.22 TO 09+09.66	5 - 5.8
"EP7"	R†	09+09.66 TO 09+11.60	5
"EP7"	R†	09+11.60 TO 09+14.47	11.8
"EP7"	R†	09+14.47 TO 09+26.36	5
"EP7"	R†	09+46.36 TO 09+68.11	5
"EP7"	R†	11+00.28 TO 11+13.51	5
"EP8"	R†	801+27.57 TO 801+92.57	5
"EP8"	R†	802+16.57 TO 802+47.24	5
"EP8"	R†	802+65.76 TO 802+89.41	5
"EP8"	R†	803+38.74 TO 803+49.86	5
"EP8"	R†	803+49.86 TO 803+51.68	5
"EP8"	R†	803+51.66 TO 803+55.72	4.3
"EP8"	R†	803+55.72 TO 803+57.46	4.3
"EP8"	R†	803+57.46 TO 803+63.22	4.5
"EP8"	R†	803+63.22 TO 803+64.97	4.3
"EP8"	R†	803+64.97 TO 803+69.00	4.3
"EP8"	R†	803+69.00 TO 803+70.83	4.3
"EP8"	R†	803+70.83 TO 804+04.16	5
"EP8"	R†	804+39.41 TO 804+65.76	5
"EP8"	R†	804+65.76 TO 805+34.16	5
"EP8"	R†	805+34.16 TO 805+62.78	13
"EP9"	R†	901+38.81 TO 901+77.63	4.4 - 5
"EP9"	R†	901+77.63 TO 901+87.05	4.4 - 6.4
"EP9"	R†	901+87.05 TO 901+87.62	4.3 - 6.4
"EP9"	R†	901+87.62 TO 901+91.02	6.4
"EP9"	R†	901+91.02 TO 901+91.59	4.4 - 5.4
"EP9"	R†	901+91.59 TO 901+95.01	4.7 - 5.4
"EP9"	R†	901+95.01 TO 901+95.61	4.3
"EP9"	R†	901+95.61 TO 902+01.71	4.3 - 4.8
"EP9"	R†	902+01.71 TO 902+21.73	4.3 - 5.5
"EP9"	R†	902+21.73 TO 902+29.94	5.0 - 5.5
"EP9"	R†	902+29.94 TO 902+37.74	5.5 - 9.5
"EP9"	R†	902+37.74 TO 902+63.37	5.5
"EP9"	R†	902+81.37 TO 902+93.46	5.5
"EP9"	R†	902+93.46 TO 902+94.46	6.4
"EP9"	R†	903+43.71 TO 903+54.54	5.5 - 6.3
"EP9"	R†	903+54.54 TO 903+68.04	5.0 - 5.3

MINOR CONCRETE (DRIVEWAY)

STATION	R†/L†	(N) LENGTH LF	(N) WIDTH LF
"EP1" 105+64.21 TO 105+99.21	L†	35	5
"EP1" 107+58.30 TO 107+93.38	L†	35	5
"EP1" 109+14.33 TO 109+49.33	L†	35	5
"EP1" 110+88.07 TO 111+23.07	L†	35	5
"EP1" 111+68.09 TO 111+92.09	L†	24	5
"EP1" 112+98.78 TO 113+18.78	L†	20	17.4
"EP1" 114+07.60 TO 114+19.60	L†	12	5
"EP1" 114+49.31 TO 114+69.31	L†	20	5
"EP1" 115+83.31 TO 116+18.31	L†	35	5
"EP1" 117+24.42 TO 117+44.72	L†	20	5
"EP1" 117+72.91 TO 117+92.91	L†	20	5
"EP1" 119+52.46 TO 120+02.46	L†	50	6.7
"EP1" 120+25.14 TO 120+40.14	L†	15	6.7
"EP1" 121+68.50 TO 121+92.50	L†	24	5
"EP2" 200+67.77 TO 200+87.77	L†	20	5
"EP2" 201+73.09 TO 202+27.28	L†	55.5	5
"EP5" 505+54.88 TO 505+89.88	R†	35	5
"EP5" 507+07.14 TO 507+42.14	R†	35	5
"EP6" 601+23.03 TO 601+48.03	R†	25	5
"EP6" 601+82.48 TO 602+07.48	R†	25	5
"EP6" 603+16.12 TO 603+31.12	R†	15	5
"EP6" 603+94.21 TO 604+09.21	R†	15	5
"EP7" 9+29.64 TO 9+49.64	R†	20	5
"EP7" 9+71.38 TO 9+93.38	R†	22	5
"EP7" 10+80.94 TO 11+04.94	R†	24	5
"EP8" 800+97.67 TO 801+32.67	R†	35	5
"EP8" 801+98.17 TO 802+22.17	R†	24	12.3
"EP8" 802+52.34 TO 802+70.84	R†	18.5	5
"EP8" 802+94.51 TO 803+44.51	R†	50	5
"EP8" 804+09.83 TO 804+44.83	R†	35	5
"EP9" 902+66.95 TO 902+84.95	R†	18	5.5
"EP9" 902+97.25 TO 903+47.25	R†	50	6.4

CONSTRUCTION DETAILS

C-24

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	44	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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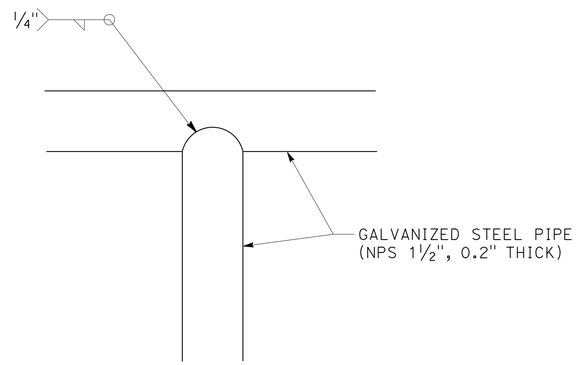
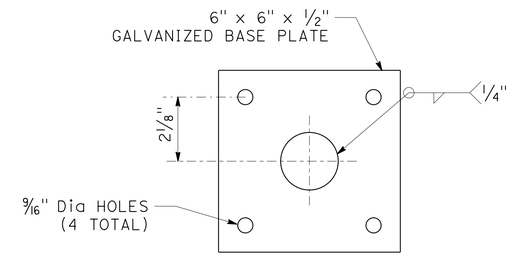
NOTE:

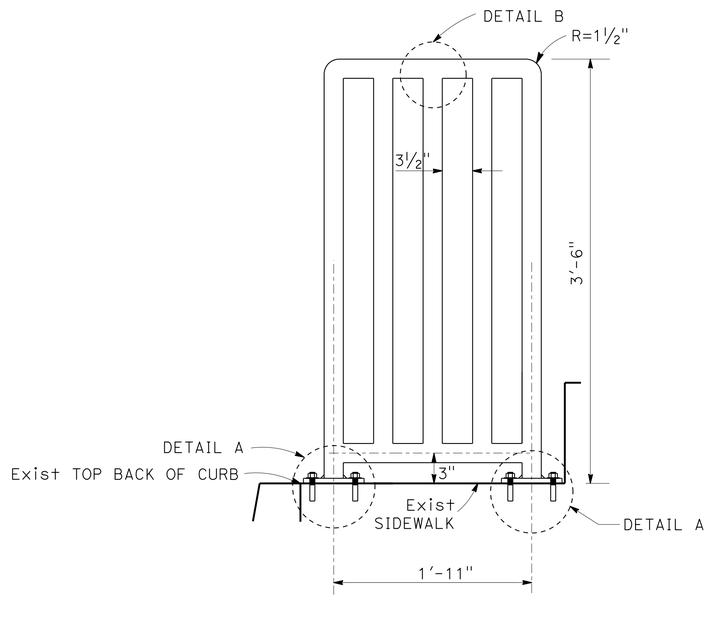
1. HANDRAILING MUST BE PAINTED BLACK SEMI-GLOSS (FEDERAL STANDARD 595C COLOR 27041).



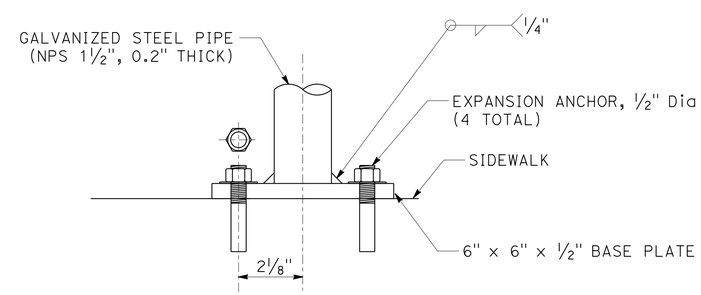
DETAIL B
(TYPICAL ALL CONNECTIONS)



PLAN
6" x 6" x 1/2" BASE PLATE



ELEVATION
HANDRAILING
"A1" 37+98.64, Lt



ELEVATION
DETAIL A
(TYPICAL Exist SIDEWALK CONNECTIONS)

CONSTRUCTION DETAILS
NO SCALE

C-25

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	45	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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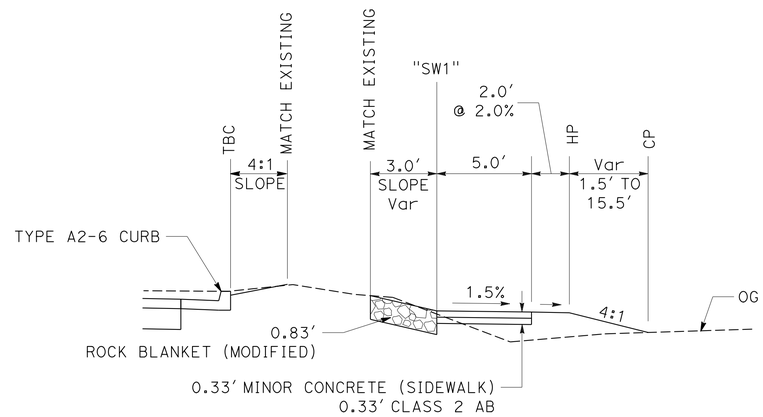
LEGEND:

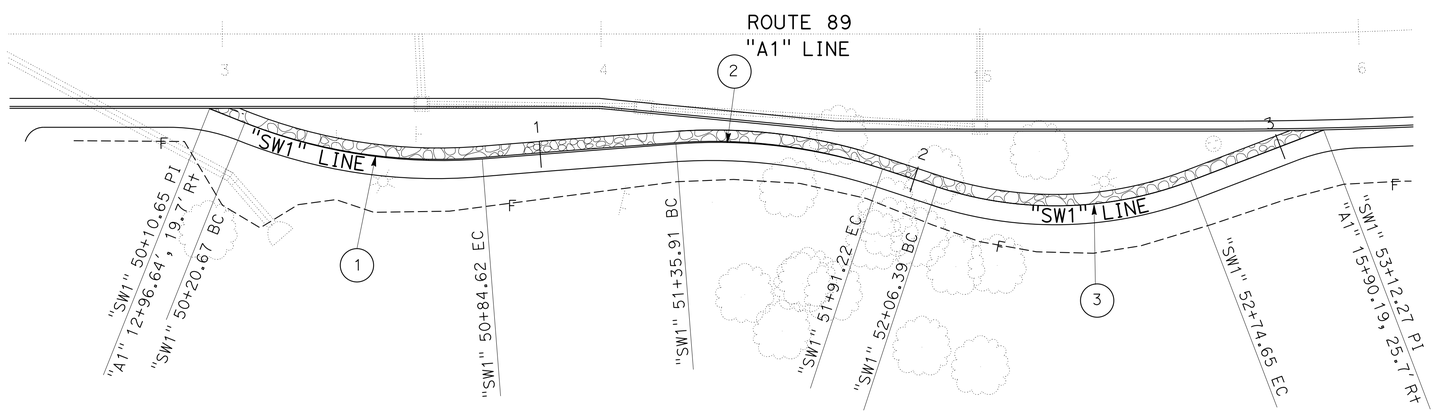
ROCK BLANKET (MODIFIED)

ABBREVIATIONS:

TBC TOP BACK OF CURB



TYPICAL SECTION



ROCK BLANKET (MODIFIED)

"A1" 12+96.50 TO "A1" 15+90.18, Rt

CURVE TABLE

No. ⊕	R	Δ	T	L	RADIUS PT STA/OFFSET
1	140.0	26°10′29"	32.55	63.96	"A1" 13+57.82, 106.6′ Lt
2	140.0	22°38′10"	28.02	55.31	"A1" 14+30.57, 168.6′ Rt
3	100.0	39°06′46"	35.52	68.26	"A1" 15+19.88, 54.6′ Lt

CONSTRUCTION DETAILS

NO SCALE

C-26

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	46	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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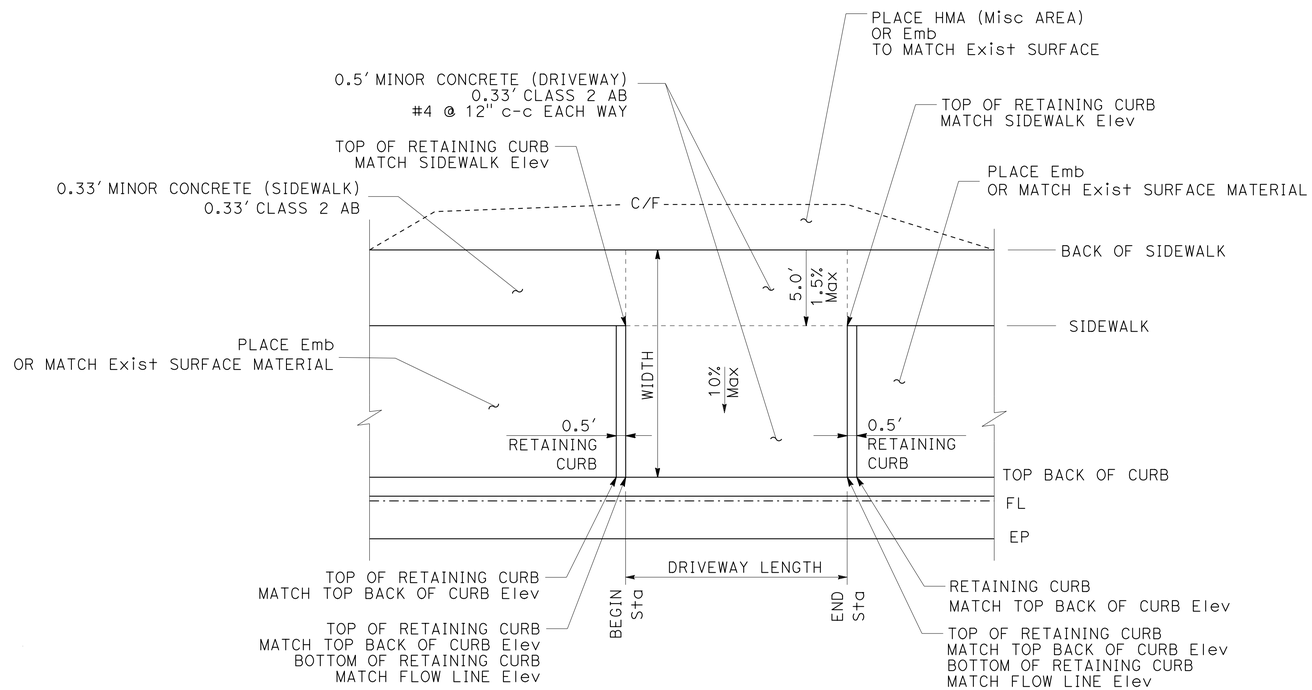
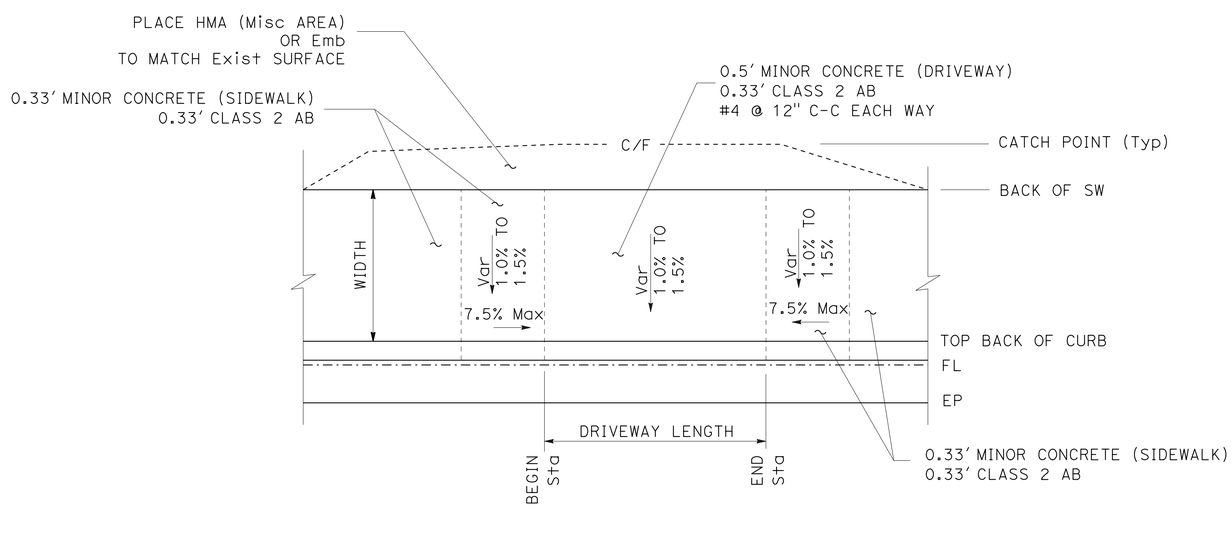
NOTE:

1. SEE Std PLANS FOR ADDITIONAL DETAILS NOT SHOWN.



PLAN

DRIVEWAY (WITH RETAINING CURBS)



PLAN

DRIVEWAY (FULLY DEPRESSED)

DRIVEWAY

STATION	LT/RT	LENGTH LF	WIDTH LF	* TYPE
"A1" 15+63.53 TO 15+98.53	Lt	35	5	FD
"A1" 16+31.93 TO 16+66.93	Rt	35	5	FD
"A1" 17+58.12 TO 17+93.12	Lt	35	5	FD
"A1" 17+76.55 TO 18+11.55	Rt	35	5	FD
"A1" 19+18.00 TO 19+53.70	Lt	35	5	FD
"A1" 20+88.22 TO 21+23.22	Lt	35	5	FD
"A1" 21+45.56 TO 21+70.56	Rt	25	5	FD
"A1" 21+68.24 TO 21+92.24	Lt	24	5	FD
"A1" 22+05.01 TO 22+30.01	Rt	25	5	FD
"A1" 22+99.43 TO 23+19.43	Lt	20	17.4	RTN CURB
"A1" 23+38.72 TO 23+53.72	Rt	15	5	FD
"A1" 24+06.22 TO 24+18.22	Lt	12	5	FD
"A1" 24+16.79 TO 24+31.79	Rt	15	5	FD
"A1" 24+47.96 TO 24+67.96	Lt	20	5	FD
"A1" 25+77.73 TO 26+12.73	Lt	35	5	FD
"A1" 27+18.87 TO 27+38.87	Lt	20	5	FD
"A1" 27+56.71 TO 27+76.71	Rt	20	5	FD
"A1" 27+67.32 TO 27+87.32	Lt	20	5	FD
"A1" 27+98.47 TO 28+20.47	Rt	22	5	FD
"P1" 4100+45.14 TO 4100+63.15	Rt	24	5	FD
"A1" 29+43.09 TO 29+93.09	Lt	50	6.7	FD
"A1" 29+67.60 TO 30+02.60	Rt	35	5	FD
"A1" 30+15.36 TO 30+30.36	Lt	15	6.7	FD
"A1" 30+67.60 TO 30+91.60	Rt	24	12.3	RTN CURB
"A1" 31+22.30 TO 31+40.80	Rt	18.5	5	FD
"A1" 31+58.73 TO 31+82.73	Lt	24	5	FD
"A1" 31+64.44 TO 32+14.44	Rt	50	5	FD
"C1" 5100+54.62 TO 5100+69.02	Lt	20	5	FD
"A1" 32+85.86 TO 33+24.33	Rt	35	5	FD
"A1" 33+18.42 TO 33+67.04	Lt	21.5	8	FD
"A1" 36+64.80 TO 36+82+80	Rt	18	5	FD
"A1" 37+26.48 TO 37+44.48	Rt	18	5.5	FD
"A1" 37+57.55 TO 38+05.55	Rt	48	6.4	FD

* NOTE: FD = DRIVEWAY (FULLY DEPRESSED)
RTN CURB = DRIVEWAY (WITH RETAINING CURBS)

CONSTRUCTION DETAILS

NO SCALE

C-27

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	47	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

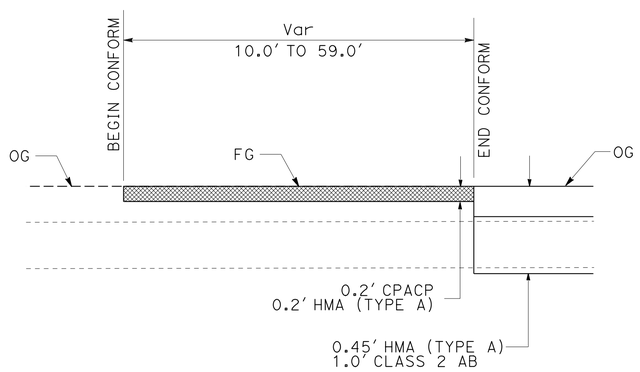
1. GRIND EXISTING SURFACES TO ACCOMMODATE A MINIMUM TAPER THICKNESS OF 0.10′ WHEN EITHER:
   A. HMA MATERIAL SUCH AS RUBBERIZED, POLYMER MODIFIED OR OPEN GRADED IS UNSUITABLE FOR RAKING TO A MAXIMUM 0.02′ THICKNESS AT THE CONFORM.
   B. TEMPORARY TAPER WILL BE IN PLACE FOR MORE THAN 14 DAYS.
2. PERMANENT SURFACE MAY BE EXISTING OR NEW PAVEMENT.
3. ROADWAY SURFACE IS THE TOP OF EXISTING SURFACE OR THE TOP OF THE PLANED SURFACE.
4. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

LEGEND:

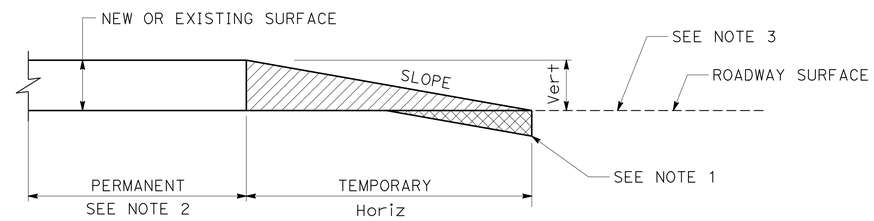
- PAVING MATERIAL (TEMPORARY TAPER)
- IF NECESSARY, COLD PLANE ASPHALT CONCRETE PAVEMENT AND PLACE HMA MATERIAL (SEE NOTE 1)
- COLD PLANE AC PAVEMENT

ABBREVIATIONS:

CPACP COLD PLANE ASPHALT CONCRETE PAVEMENT

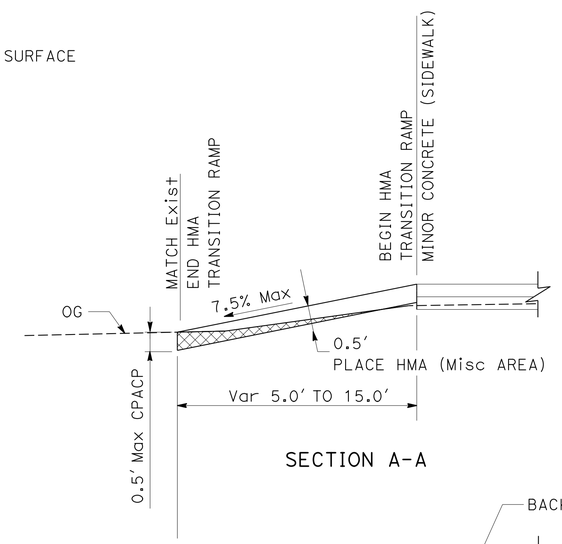


CONFORM

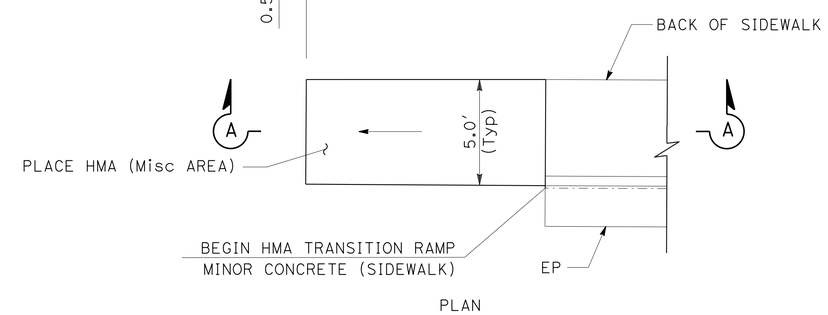


Vert	SLOPE RATIO Horiz/Vert
0-0.10′	70:1
GREATER THAN 0.10′	160:1

TYPICAL PAVING CONFORM FOR TEMPORARY CONSTRUCTION TAPERS



SECTION A-A



PLAN

HMA TRANSITION RAMP

CONFORM

LOCATION	STATION	(N) LENGTH (LF)	DESCRIPTION
ROUTE 89	"A1" 11+18.00 TO 11+60.00	42	MAINLINE CONFORM
ROUTE 89	"A1" 38+88.47 TO 39+10.00	21.5	MAINLINE CONFORM
HOT SPRINGS Rd	"H1" 1100+44 TO 1101+03.00	59	MINOR ROAD CONNECTION CONFORM
GRAND St	"G1" 2100+68.55 TO 2100+88.55	20	MINOR ROAD CONNECTION CONFORM
JESSIE St	"J1" 3100+61.00 TO 3100+81.00	20	MINOR ROAD CONNECTION CONFORM
PINE St	"P1" 4100+77.35 TO 4100+97.35	20	MINOR ROAD CONNECTION CONFORM
AYOOB Cir	"C1" 5100+29.70 TO 5100+49.70	20	MINOR ROAD CONNECTION CONFORM
MAIN St	"M1" 6100+48.81 TO 6100+68.81	20	MINOR ROAD CONNECTION CONFORM
MAIN St	"M1" 6102+03.80 TO 6102+23.80	20	MINOR ROAD CONNECTION CONFORM
FRANKLIN ALLEY		10	MINOR ROAD CONNECTION CONFORM
BIDWELL St		10	MINOR ROAD CONNECTION CONFORM

CONSTRUCTION DETAILS

NO SCALE

C-28

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	48	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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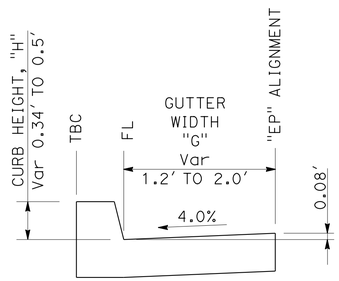
NOTES:

1. FOR ADDITIONAL DETAILS SEE Std PLANS.

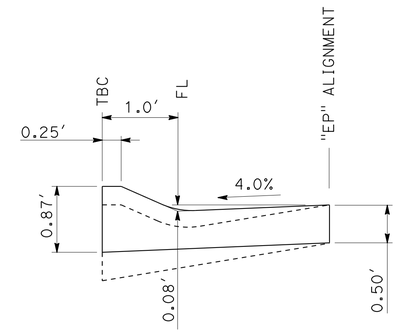
ABBREVIATIONS:

TBC TOP BACK OF CURB

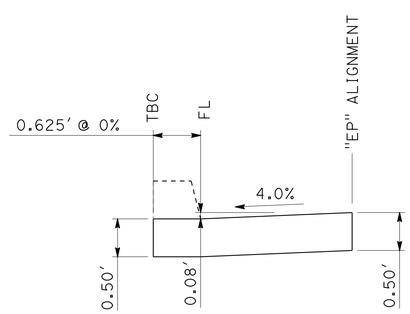


MODIFIED TYPE A2-6 CURB

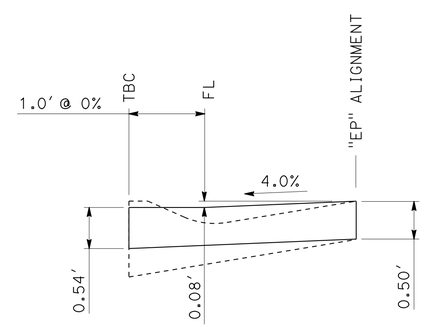
"A1" 36+01.97 Rt TO "A1" 37+04.49, Rt



MODIFIED TYPE E CURB



MODIFIED TYPE A2-6 CURB AT RAMP



MODIFIED TYPE E CURB AT RAMP

CONSTRUCTION DETAILS

NO SCALE

C-29

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	49	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

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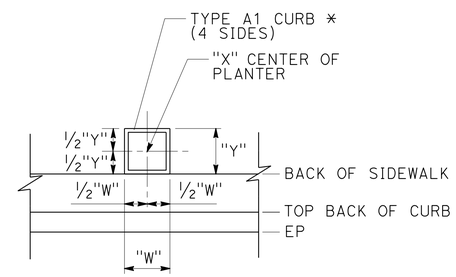
NOTE:

1. SEE Std PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

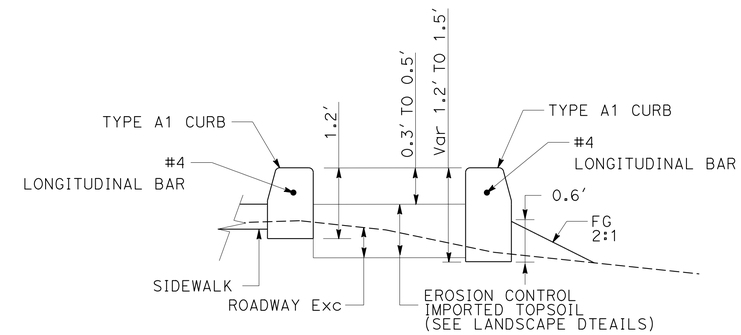
PLANTER LOCATION

"X" CENTER POINT		"W" WIDTH (LF)	"Y" DEPTH (LF)	DESCRIPTION
STATION	OFFSET			
"EP1" 108+23.44	12.5′ L+	9.0	9.0	PLANTER
"EP1" 109+00.68	12.3′ L+	9.0	9.0	PLANTER
"EP1" 109+82.25	12.2′ L+	9.0	9.0	PLANTER
"EP1" 110+74.26	12.2′ L+	9.0	9.0	PLANTER
"EP1" 111+55.89	12.2′ L+	9.0	9.0	PLANTER
"EP1" 114+86.49	9.4′ L+	7.0	4.9	PLANTER
"EP1" 115+24.52	9.4′ L+	7.0	4.9	PLANTER
"EP1" 115+74.12	9.4′ L+	7.0	4.9	PLANTER
"EP1" 116+29.52	9.3′ L+	7.0	4.9	PLANTER
"EP1" 117+58.60	4.6′ L+	4.0	4.0	NO CURB
"EP1" 120+13.80	4.6′ L+	4.0	4.0	NO CURB
"EP1" 120+45.53	4.6′ L+	4.0	4.0	NO CURB
"EP2" 200+65.60	10.1′ L+	4.8	4.8	PLANTER
"EP2" 203+42.01	5.8′ L+	7.0	5.5	PLANTER
"EP3" 302+36.11	5.8′ L+	11.0	5.5	PLANTER
"EP3" 303+20.13	4.6′ L+	4.0	4.0	NO CURB
"EP3" 303+44.13	4.6′ L+	4.0	4.0	NO CURB
"EP3" 303+68.13	4.6′ L+	4.0	4.0	NO CURB
"EP3" 303+92.13	4.6′ L+	4.0	4.0	NO CURB
"EP3" 304+16.13	4.6′ L+	4.0	4.0	NO CURB
"EP5" 508+37.99	12.1′ R+	9.0	9.0	PLANTER
"EP5" 509+21.26	12.2′ R+	9.0	9.0	PLANTER
"EP5" 509+56.59	10.7′ R+	5.8	6.0	PLANTER
"EP5" 510+12.02	13.5′ R+	10.5	6.0	PLANTER
"EP6" 600+41.06	11.9′ R+	10.5	6.0	PLANTER
"EP6" 600+90.72	10.7′ R+	6.0	6.0	PLANTER
"EP6" 605+05.19	10.7′ R+	6.0	6.0	PLANTER
"EP7" 9+64.39	11.7′ R+	8.0	8.0	PLANTER
"EP8" 802+81.85	10.7′ R+	6.0	6.0	PLANTER
"EP8" 803+83.36	10.2′ R+	13.7	5.0	PLANTER
"EP8" 805+91.94	5.8′ R+	11.0	5.5	PLANTER
"EP9" 901+23.68	5.5′ R+	7.0	5.0	PLANTER
CURB RAMP #11	-	-	-	PLANTER
CURB RAMP #12	-	-	-	PLANTER
CURB RAMP #14	-	-	-	PLANTER
CURB RAMP #16	-	-	-	PLANTER
CURB RAMP #17	-	-	-	PLANTER
CURB RAMP #18	-	-	-	PLANTER
CURB RAMP #19	-	-	-	PLANTER

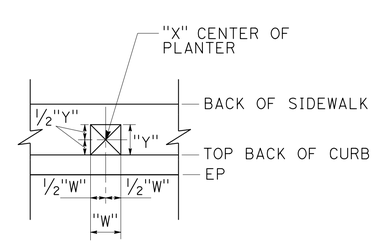
FOR NON RECTANGULAR PLANTER LOCATIONS AT CURB RAMPS, SEE CURB RAMP CONSTRUCTION DETAILS



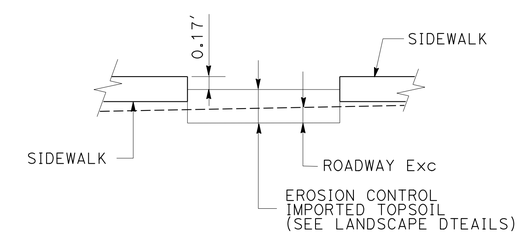
PLAN
PLANTER



PLANTER
TYPE A1-6 CURB AND TYPE A1-6 CURB (MODIFIED)
(TYPICAL)
FOR ADDITIONAL DETAILS SEE Std PLANS



PLAN
NO CURB



NO CURB
(TYPICAL)

CONSTRUCTION DETAILS
PLANTER DETAILS
NO SCALE

C-30

REVISED BY | DATE REVISED
JEANNIE STEFFAN | SHAUN ALEXANDER
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
ERIC ORR
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	50	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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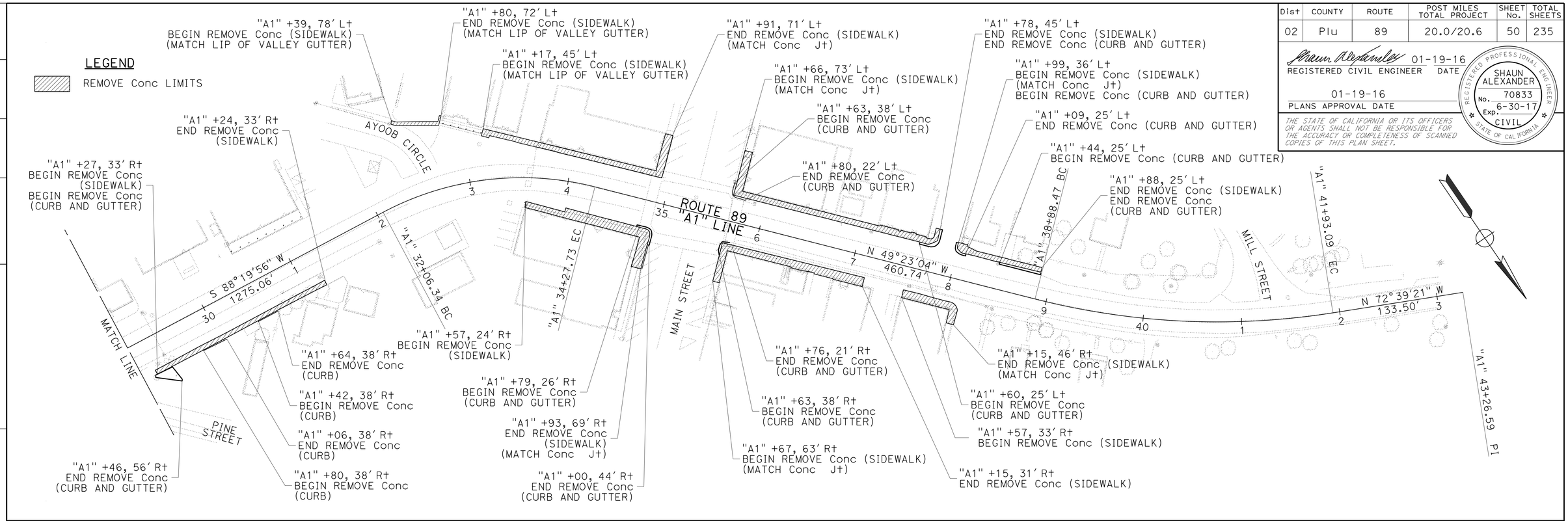

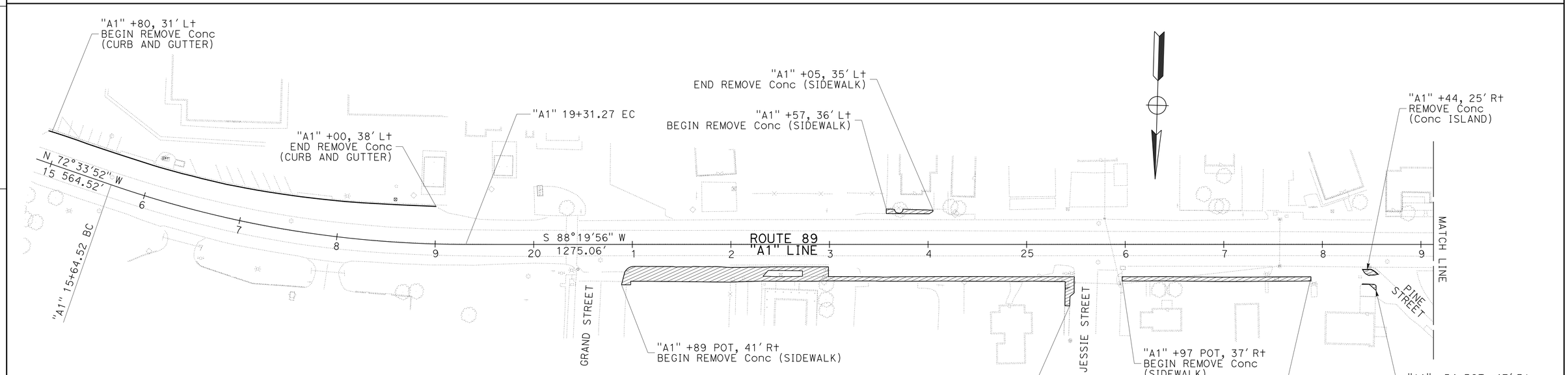

CONSTRUCTION DETAILS
REMOVE CONCRETE

SCALE: 1" = 50'

C-31

REVISED BY	DATE REVISED
JEANNIE STEFFAN	SHAUN ALEXANDER
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ERIC ORR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	51	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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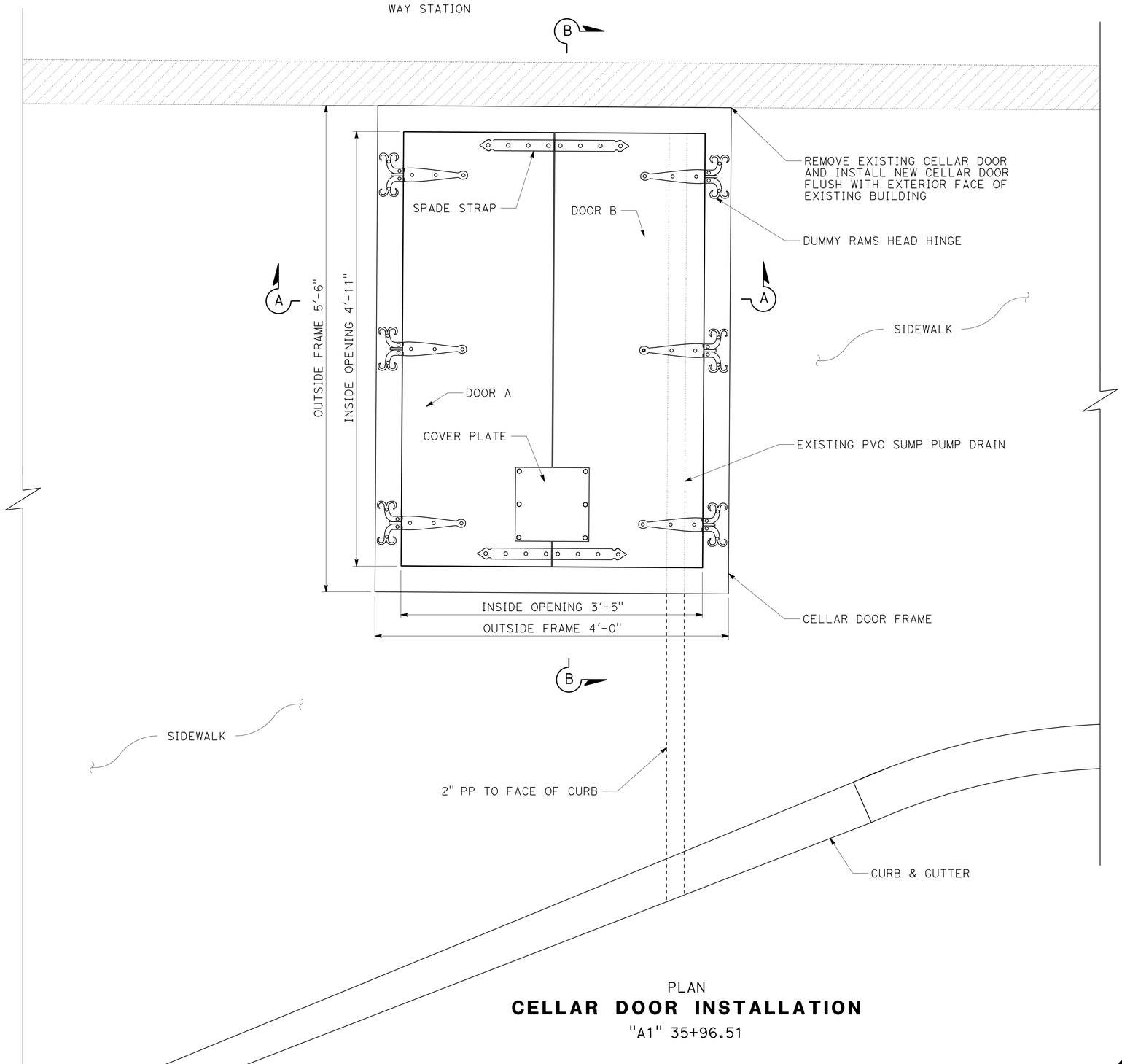

PLAN
CELLAR DOOR INSTALLATION
"A1" 35+96.51

CONSTRUCTION DETAILS

NO SCALE

C-32

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	52	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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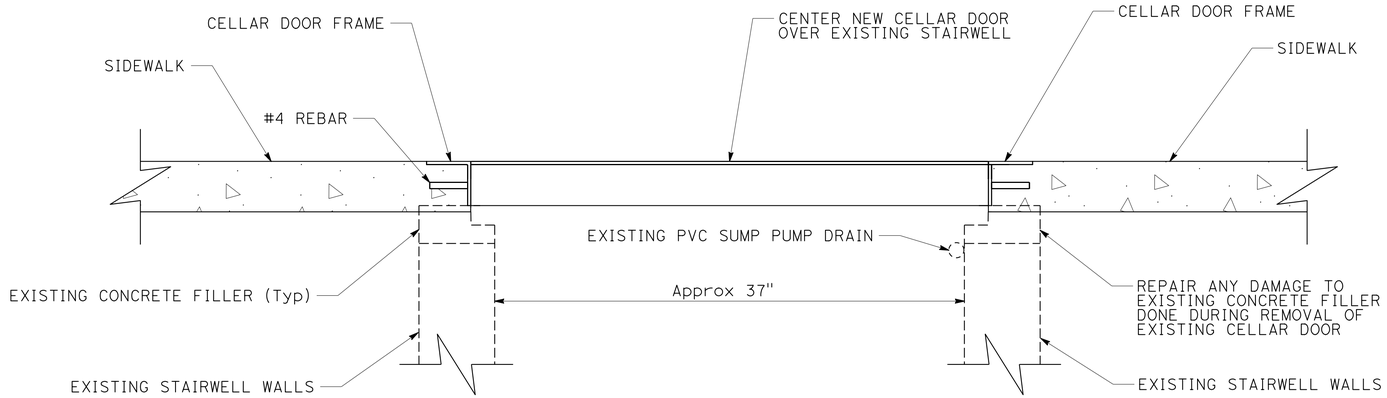
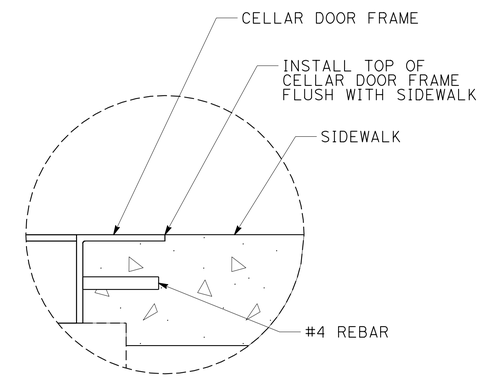
NOTE:

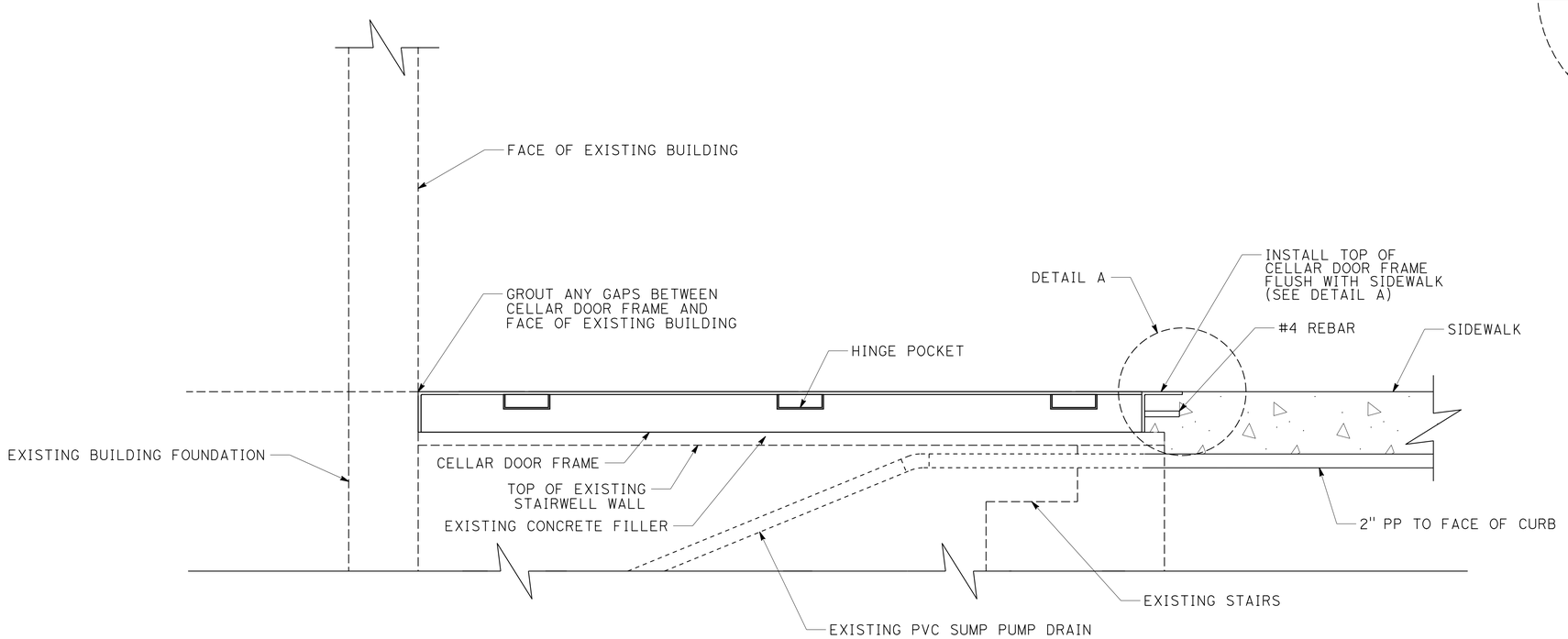
1. USE LEVELING SHIMS AS NEEDED DURING CELLAR DOOR INSTALLATION.



SECTION A-A



DETAIL A



SECTION B-B

CELLAR DOOR INSTALLATION

"A1" 35+96.51

CONSTRUCTION DETAILS

NO SCALE

C-33

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	53	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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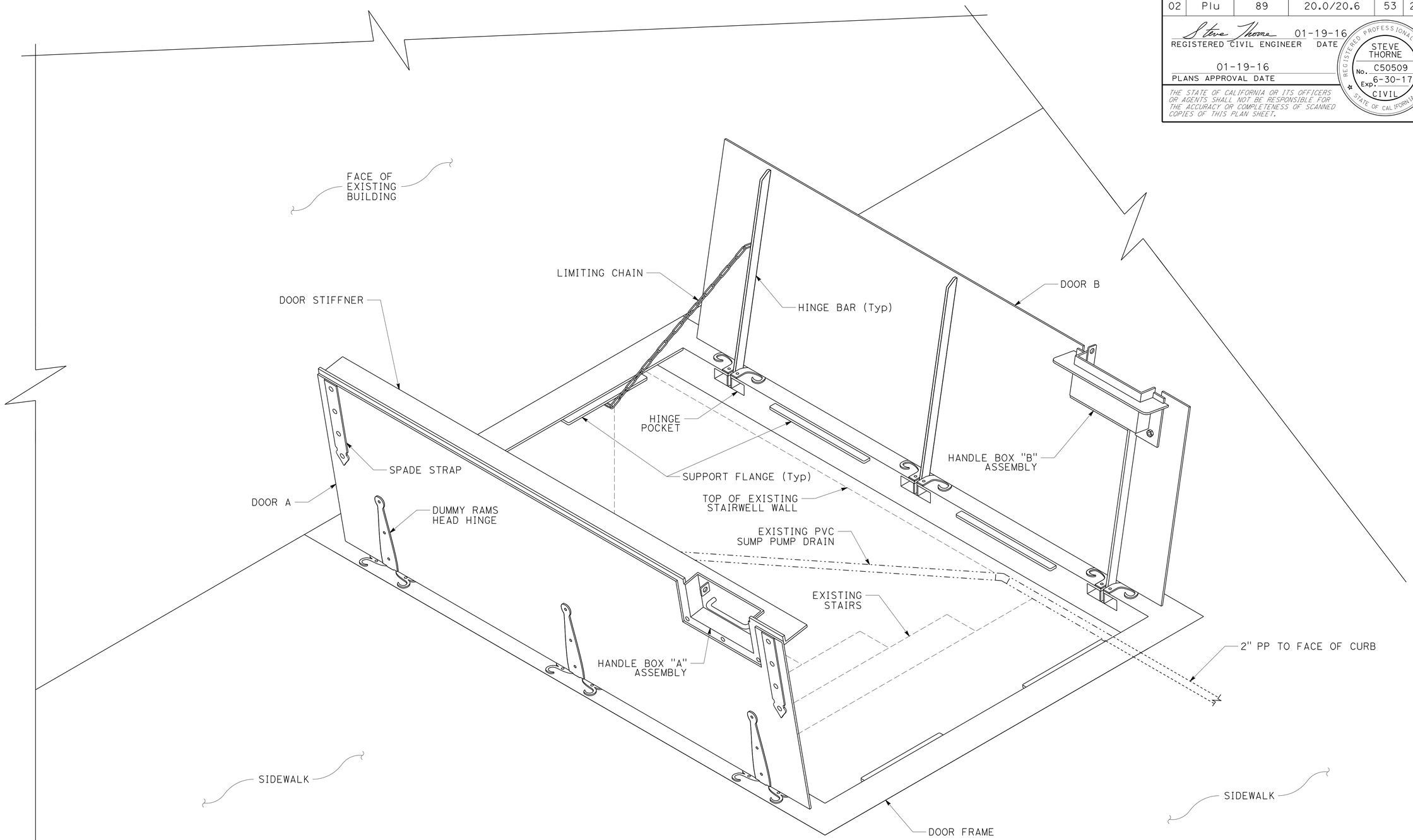

ISOMETRIC

CELLAR DOOR INSTALLATION

"A1" 35+96.51

CONSTRUCTION DETAILS

NO SCALE

C-34

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	54	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

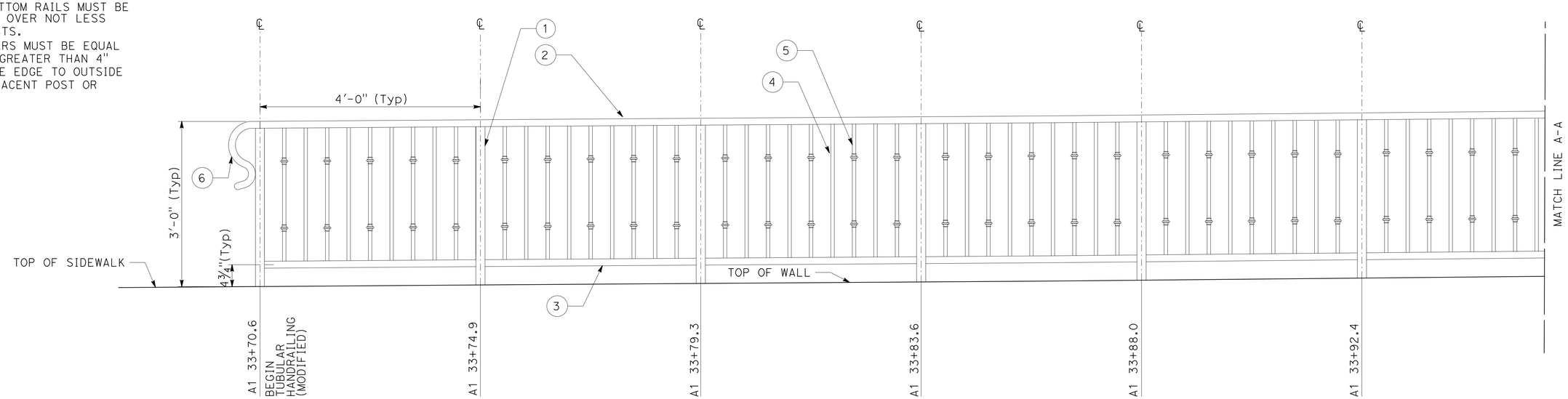
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

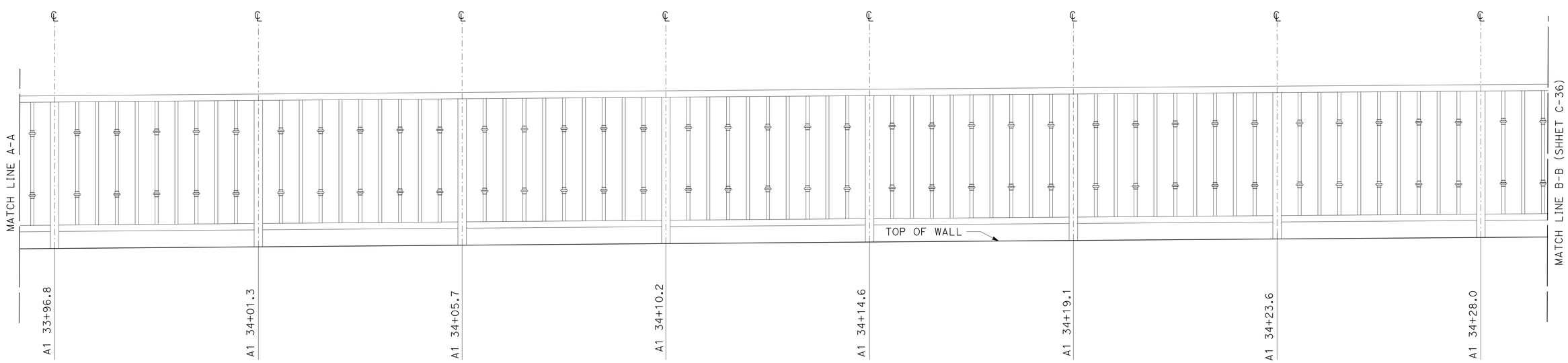
NOTES:

1. ALL TUBULAR HANDRAILING (MODIFIED) COMPONENTS AND ASSOCIATED HARDWARE MUST BE PAINTED BLACK SEMI GLOSS (FEDERAL STANDARD 595C COLOR 27041)
2. POSTS MUST BE VERTICAL.
3. ALL POST SPACING MUST BE EQUAL DISTANCE CENTER TO CENTER.
4. VERIFY ALL DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.
5. POST POCKETS MUST BE CENTERED IN THE TOP OF WALL.
6. ALL WELDS MUST BE OF A CONTINUOUS, CONSISTENT BEAD WIDTH.
7. ALL WELDS MUST BE GROUND SMOOTH AND BE FREE OF BURRS.
8. TOP AND BOTTOM RAILS MUST BE CONTINUOUS OVER NOT LESS THAN 3 POSTS.
9. ALL BALUSTERS MUST BE EQUAL SPACING NO GREATER THAN 4" FROM OUTSIDE EDGE TO OUTSIDE EDGE OF ADJACENT POST OR BALUSTER.

LEGEND:

1. PIPE POST NPS 1½" Std (Typ)
2. PIPE TOP RAIL NPS 1¼" Std (Typ)
3. PIPE BOTTOM RAIL NPS 1¼" Std (Typ)
4. 1" BALUSTER (Typ) (SEE DETAIL)
5. 1" BALUSTER- DOUBLE COLLAR (Typ)(SEE DETAIL)
6. CURVED HANDRAIL END (Typ)(SEE DETAIL)





ELEVATION

CONSTRUCTION DETAILS
TUBULAR HANDRAILING (MODIFIED)
NO SCALE

C-35

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	55	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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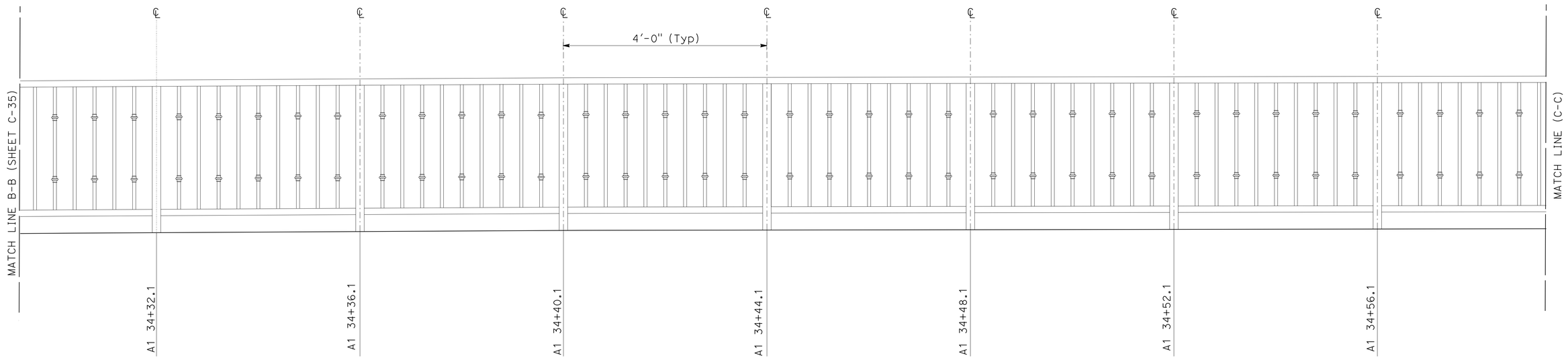
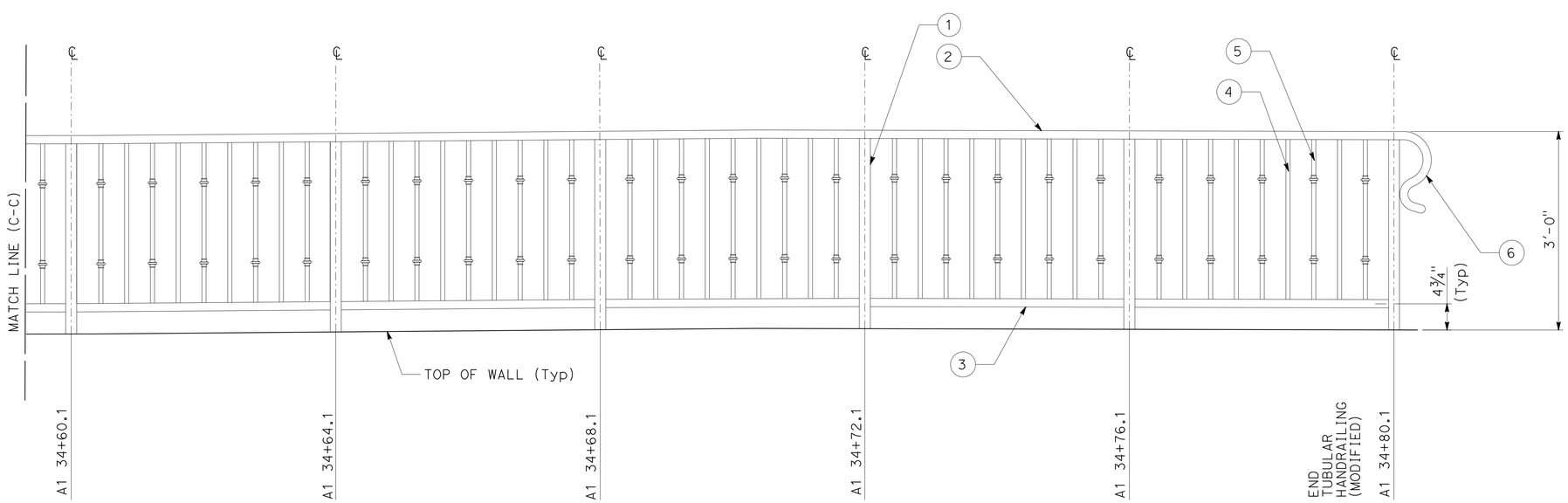
NOTES:

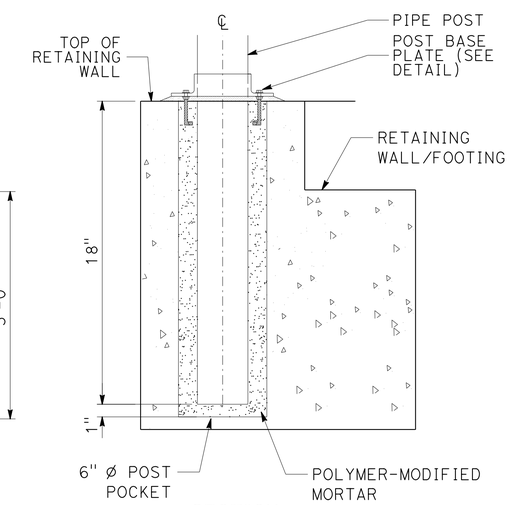
1. ALL TUBULAR HANDRAILING (MODIFIED) COMPONENTS AND ASSOCIATED HARDWARE MUST BE GALVANIZED AND PAINTED BLACK SEMI-GLOSS (FEDERAL STANDARD 595C COLOR 27041).
2. POSTS MUST BE VERTICAL.
3. ALL POST SPACING MUST BE EQUAL DISTANCE CENTER TO CENTER.
4. VERIFY ALL DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.
5. POST POCKETS MUST BE CENTERED IN THE TOP OF WALL.
6. ALL WELDS MUST BE OF A CONTINUOUS, CONSISTENT BEAD WIDTH.
7. ALL WELDS MUST BE GROUND SMOOTH AND BE FREE OF BURRS.
8. TOP AND BOTTOM RAILS MUST BE CONTINUOUS OVER NOT LESS THAN 3 POSTS.
9. ALL BALUSTERS MUST BE EQUAL SPACING NO GREATER THAN 4" FROM OUTSIDE EDGE TO OUTSIDE EDGE OF ADJACENT POST OR BALUSTER.



ELEVATION



ELEVATION



SECTION

POST POCKET

CONSTRUCTION DETAILS
TUBULAR HANDRAILING (MODIFIED)
NO SCALE

C-36

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **DESIGN**

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	56	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

PLANS APPROVAL DATE 01-19-16

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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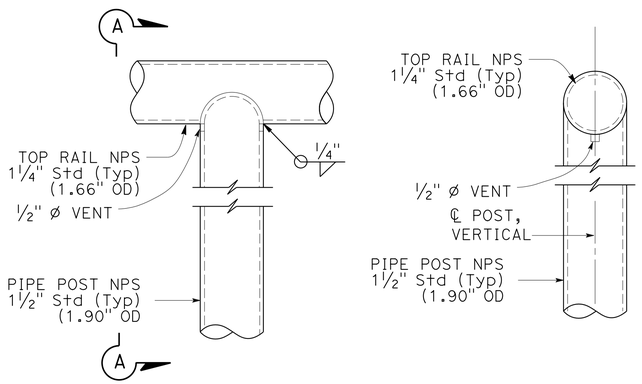
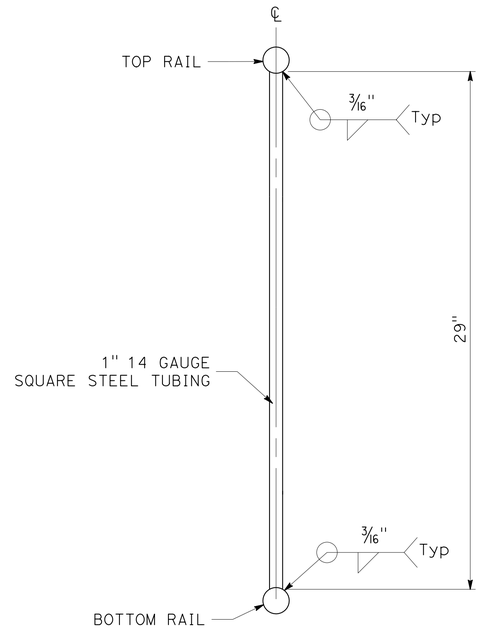
NOTES:

1. ALL WELDS MUST BE OF A CONTINUOUS, CONSISTENT BEAD WIDTH.
2. ALL WELDS MUST BE GROUND SMOOTH AND BE FREE OF BURRS.
3. USE NICKLE BASED ROD FOR WELDING CAST IRON ORNAMENTAL COLLARS TO BALUSTERS.
4. ALL POSTS AND RAILINGS MUST BE SCHEDULE 40 PIPE.



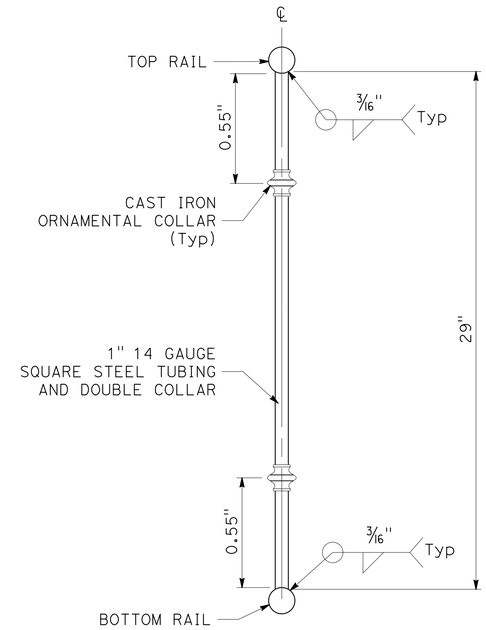
TYPICAL SECTION/ELEVATION SECTION A-A

POST AND TOP RAIL CONNECTION



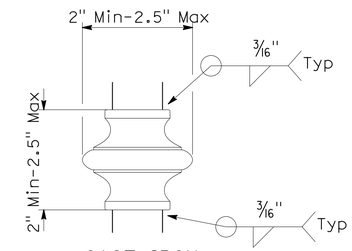
TYPICAL SECTION/ELEVATION

BALUSTER

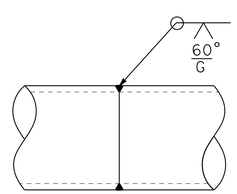


TYPICAL SECTION/ELEVATION

BALUSTER-DOUBLE COLLAR

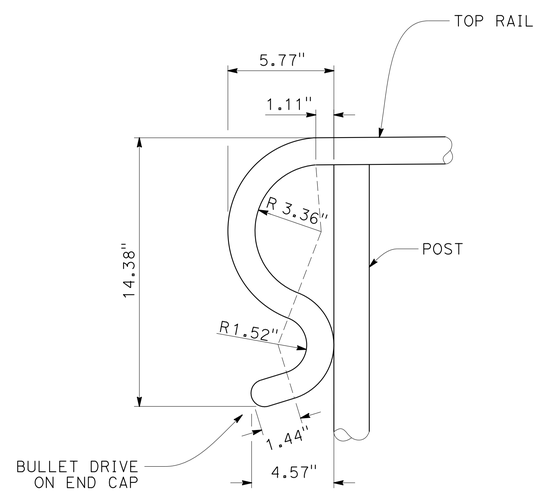


CAST IRON
ORNAMENTAL COLLAR



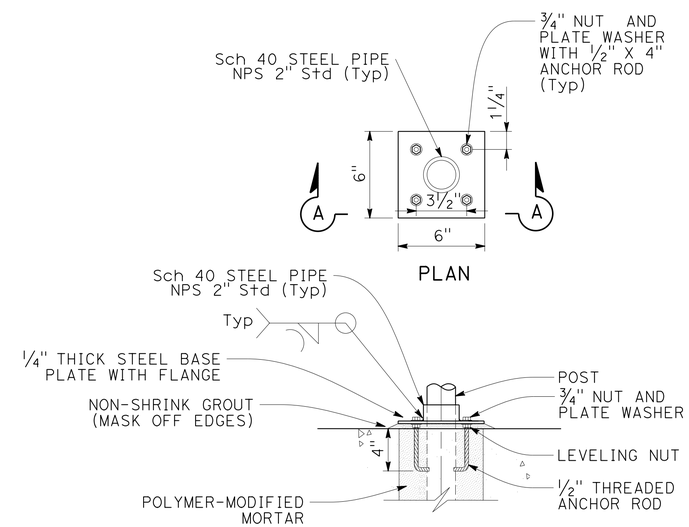
TYPICAL SECTION/ELEVATION

TOP AND BOTTOM RAIL WELDED SPLICE



ELEVATION

CURVED HANDRAIL END



SECTION/ELEVATION A-A

POST BASE PLATE

CONSTRUCTION DETAILS
TUBULAR HAND RAILING (MODIFIED)

NO SCALE

C-37

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE

CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	57	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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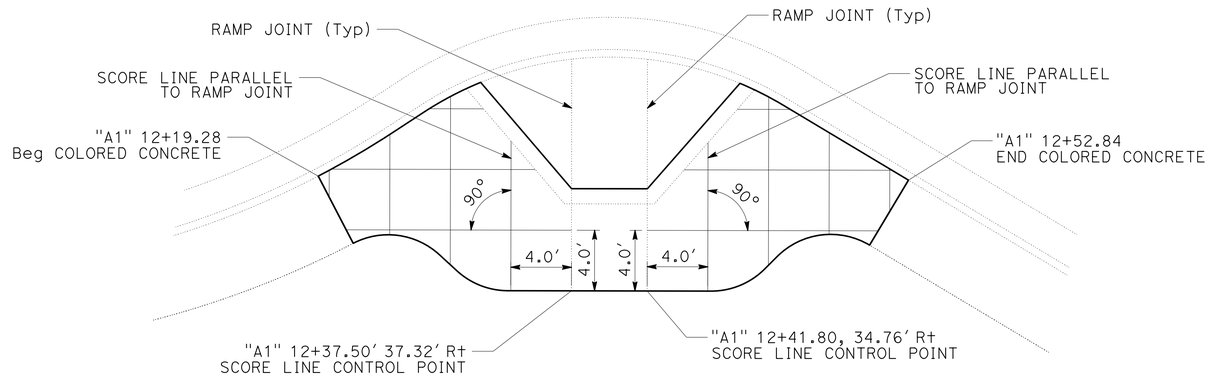
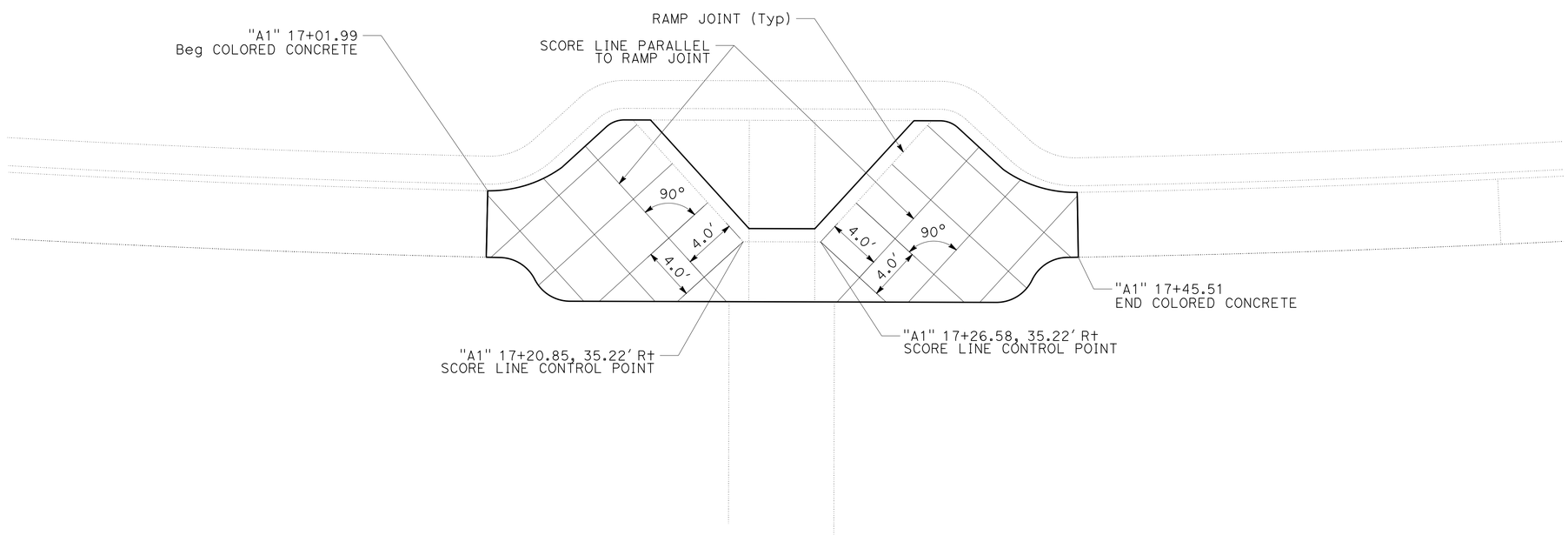
NOTES:

1. COLORED CONCRETE: FEDERAL Std COLOR 595C 26134 (DARK GREY)
2. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE.



CURB RAMP 1

ROUTE 89 & HOT SPRINGS Rd



CURB RAMP 3

ROUTE 89 MIDBLOCK PM 20.16

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-38

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	58	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

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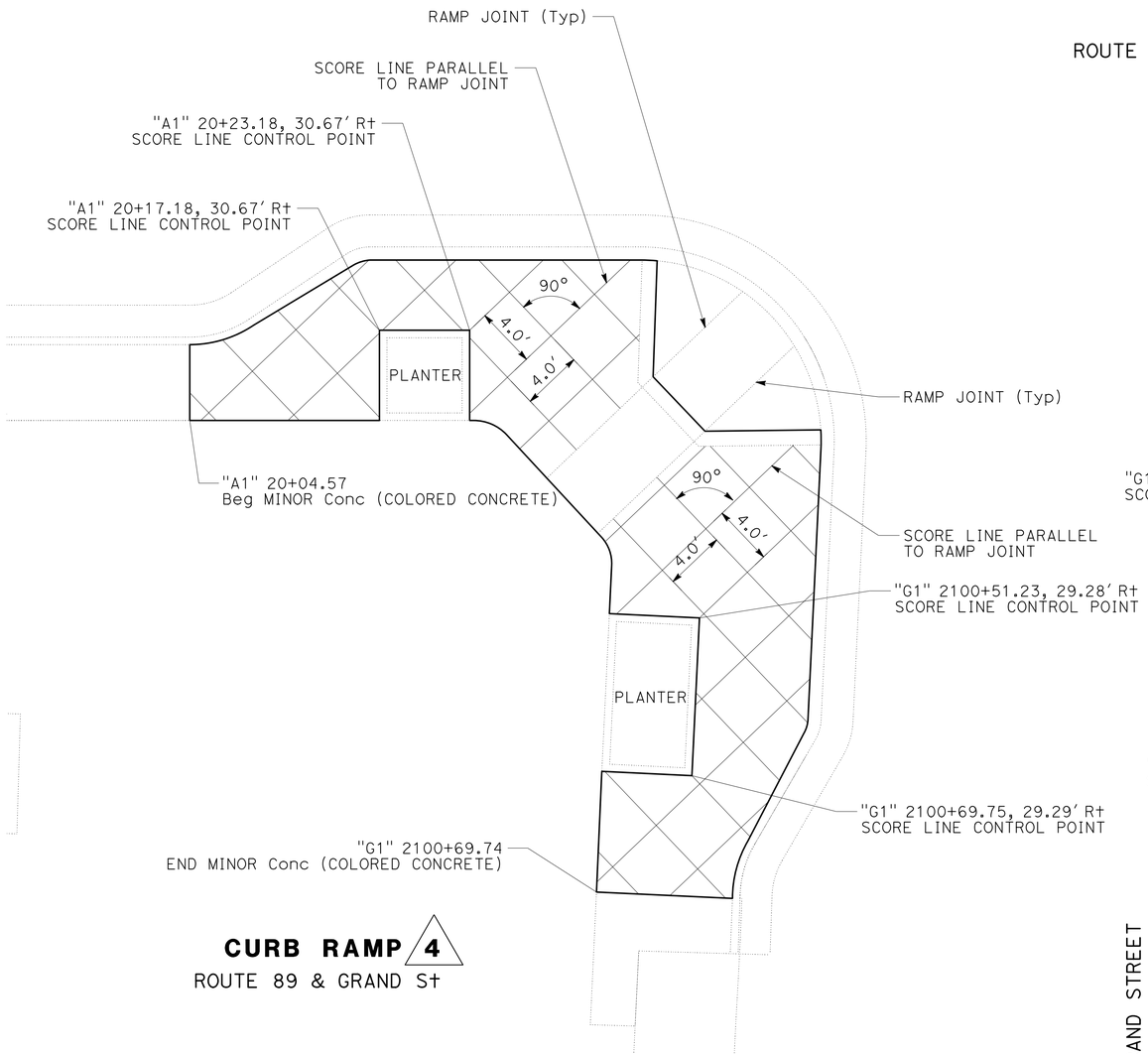
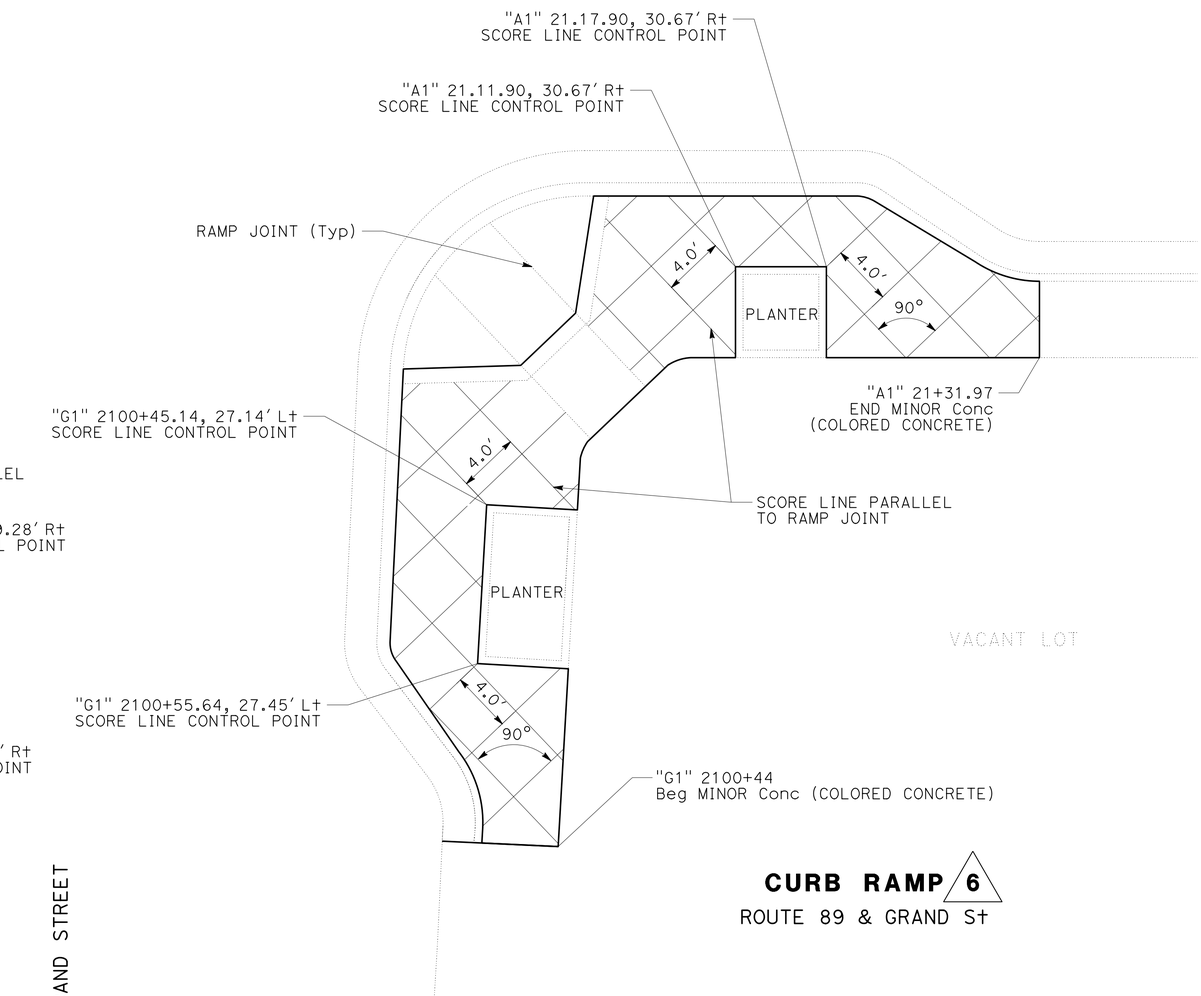
1. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE

ROUTE 89



CURB RAMP 4
ROUTE 89 & GRAND St

GRAND STREET



CURB RAMP 6
ROUTE 89 & GRAND St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-39

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE

CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	59	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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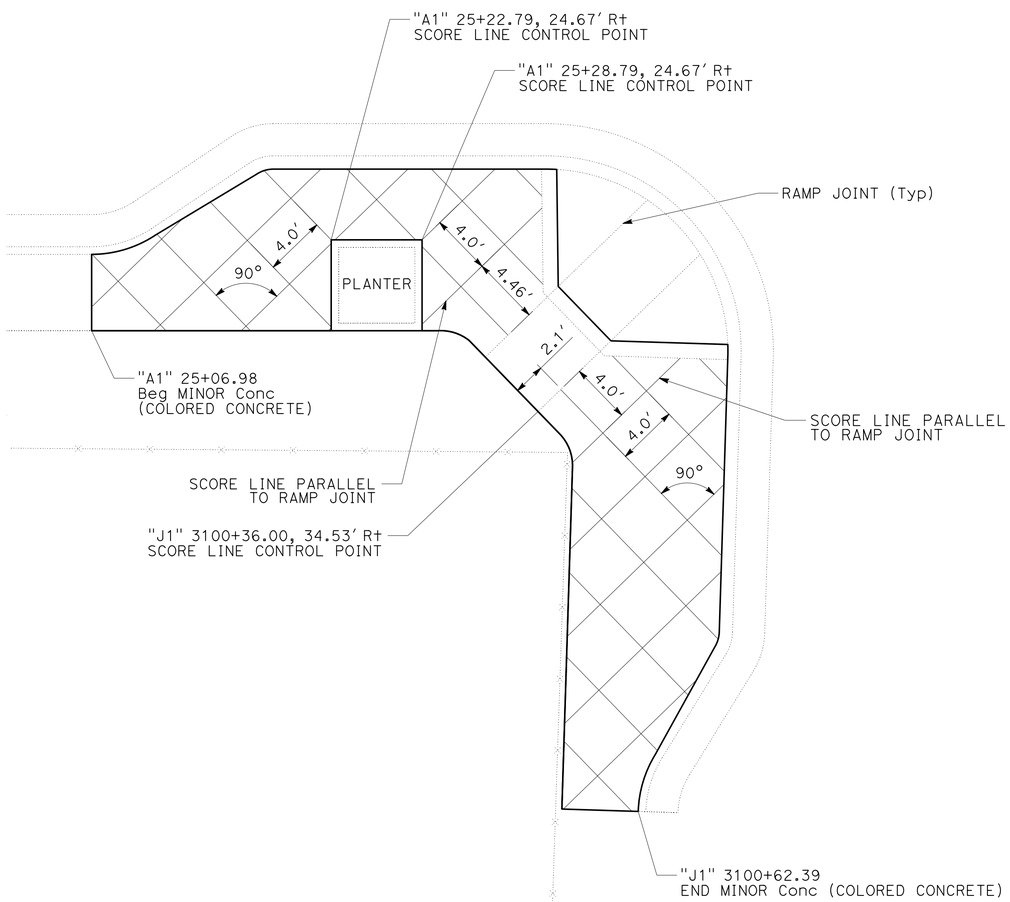
NOTES:

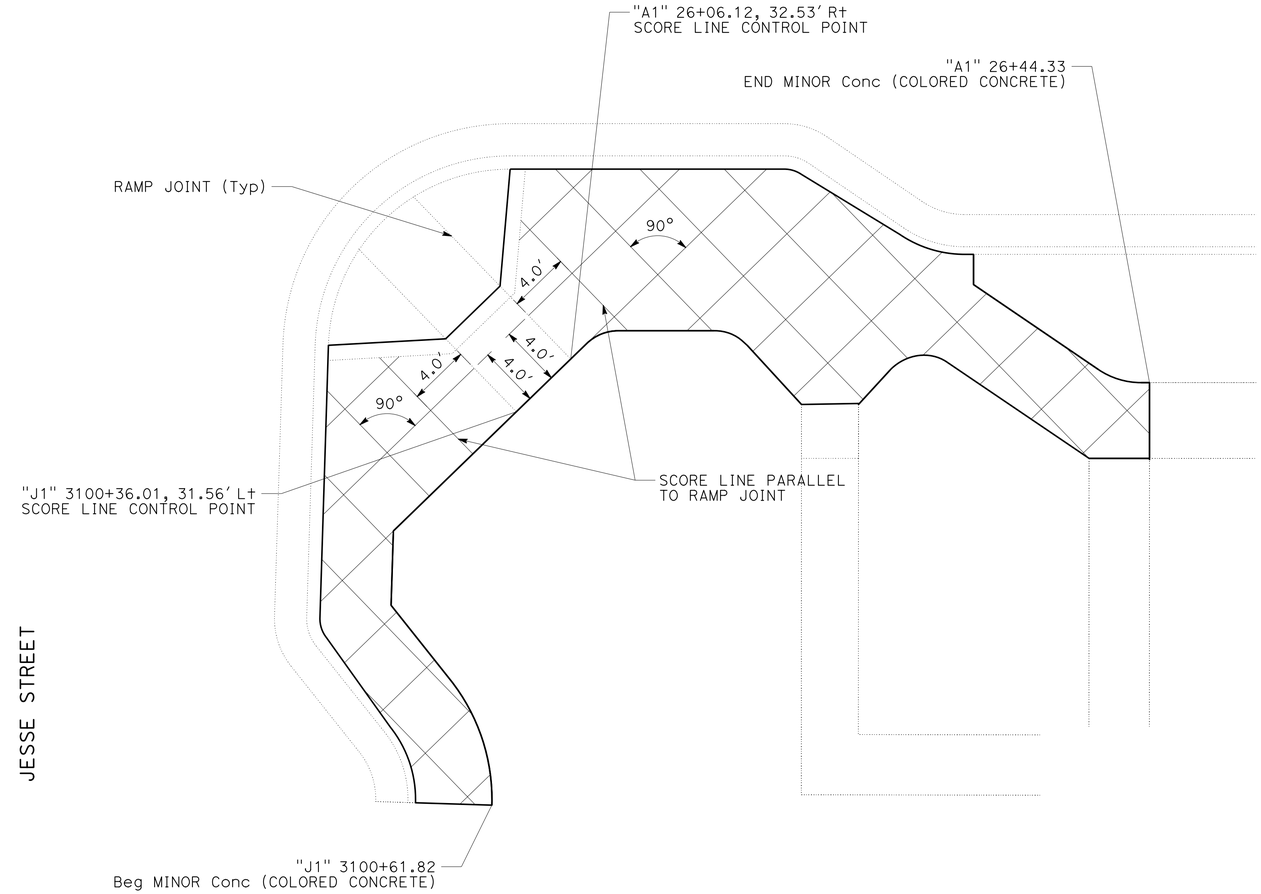
1. COLORED CONCRETE: FEDERAL STD COLOR 595C 26134 (DARK GREY)
2. SCORE LINES SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE

ROUTE 89



CURB RAMP 8

ROUTE 89 & JESSIE St



CURB RAMP 9

ROUTE 89 & JESSIE St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS
NO SCALE

C-40

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	60	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

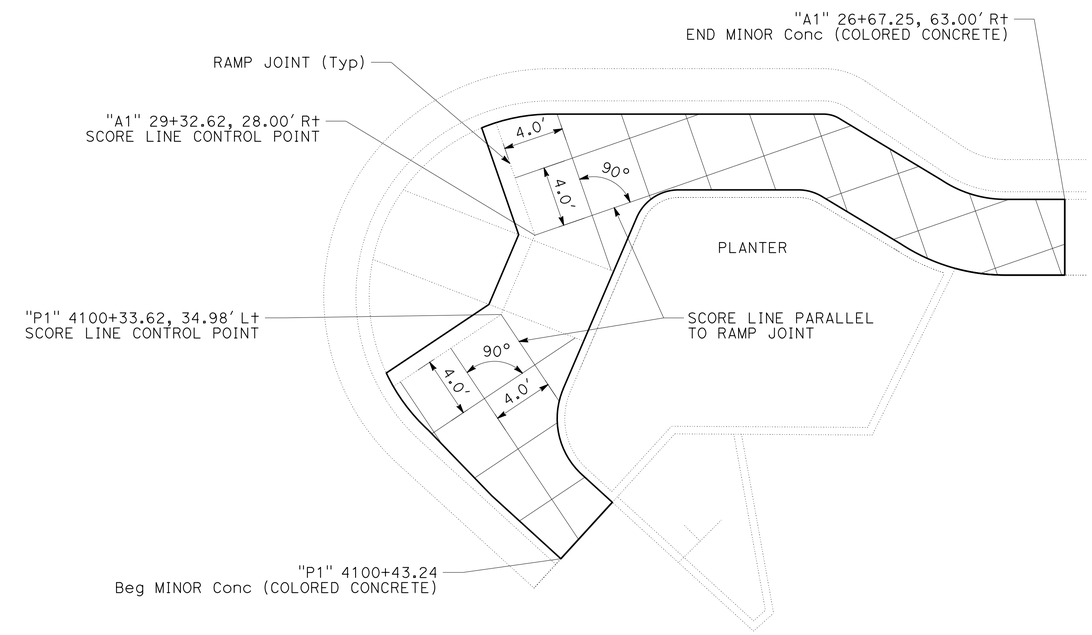
1. COLORED CONCRETE: FEDERAL STD COLOR 595C 26134 (DARK GREY)
2. SCORE LINES SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE

ROUTE 89

CURB RAMP 11

ROUTE 89 & PINE St

PINE STREET



CURB RAMP 12

ROUTE 89 & PINE St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-41

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
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FUNCTIONAL SUPERVISOR
STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	61	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

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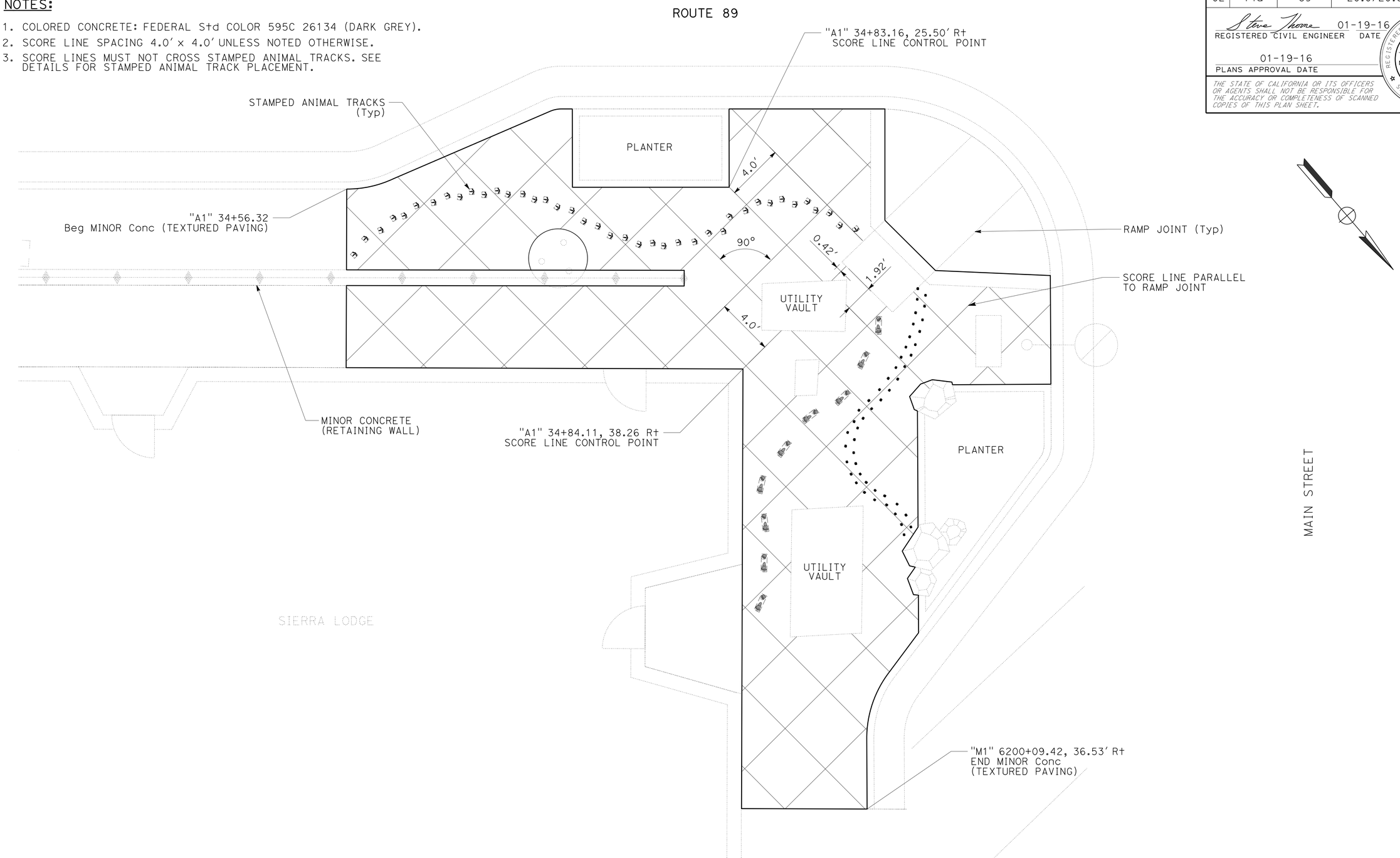
2. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE.
3. SCORE LINES MUST NOT CROSS STAMPED ANIMAL TRACKS. SEE DETAILS FOR STAMPED ANIMAL TRACK PLACEMENT.



CURB RAMP 18

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-42

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ga042.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	62	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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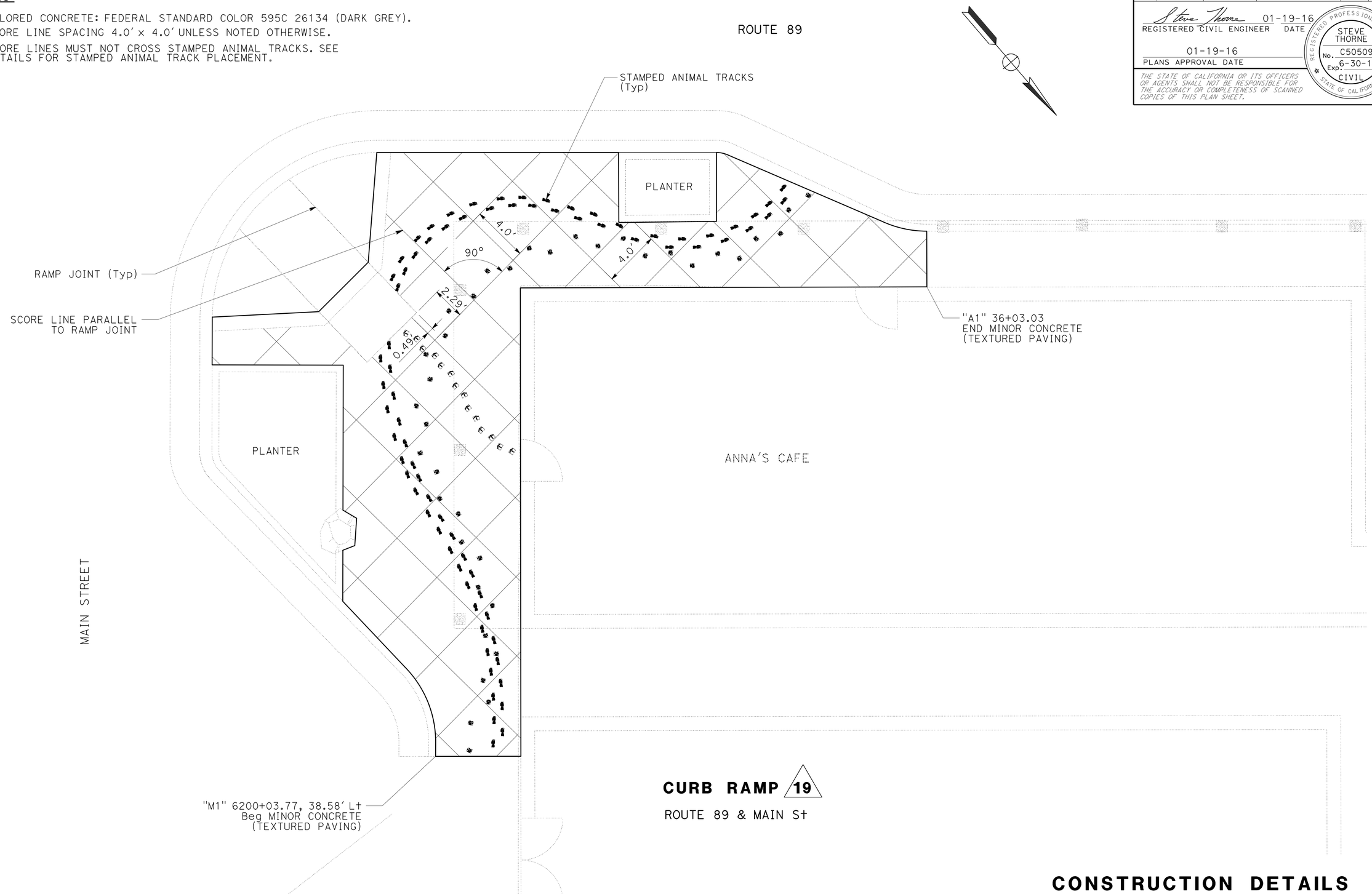
NOTES:

1. COLORED CONCRETE: FEDERAL STANDARD COLOR 595C 26134 (DARK GREY).
2. SCORE LINE SPACING 4.0' x 4.0' UNLESS NOTED OTHERWISE.
3. SCORE LINES MUST NOT CROSS STAMPED ANIMAL TRACKS. SEE DETAILS FOR STAMPED ANIMAL TRACK PLACEMENT.



CURB RAMP 19

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-43

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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FUNCTIONAL SUPERVISOR: STEVE THORNE
CALCULATED-DESIGNED BY: LOGAN MOORE
CHECKED BY: ROBIN SOLARI
REVISED BY
DATE REVISED

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ga043.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	63	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

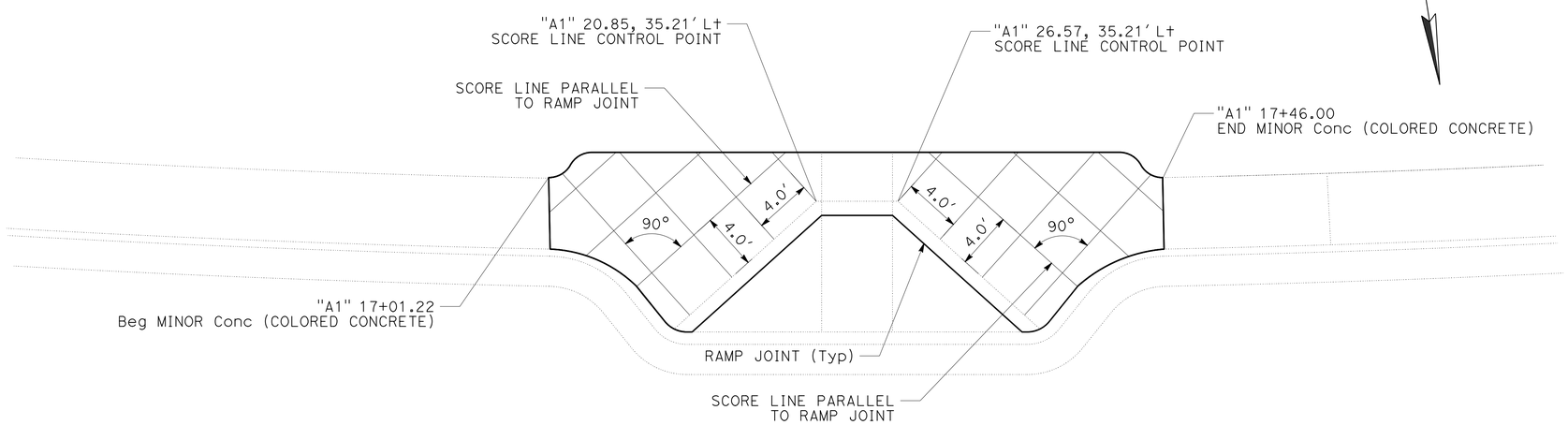
01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 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.

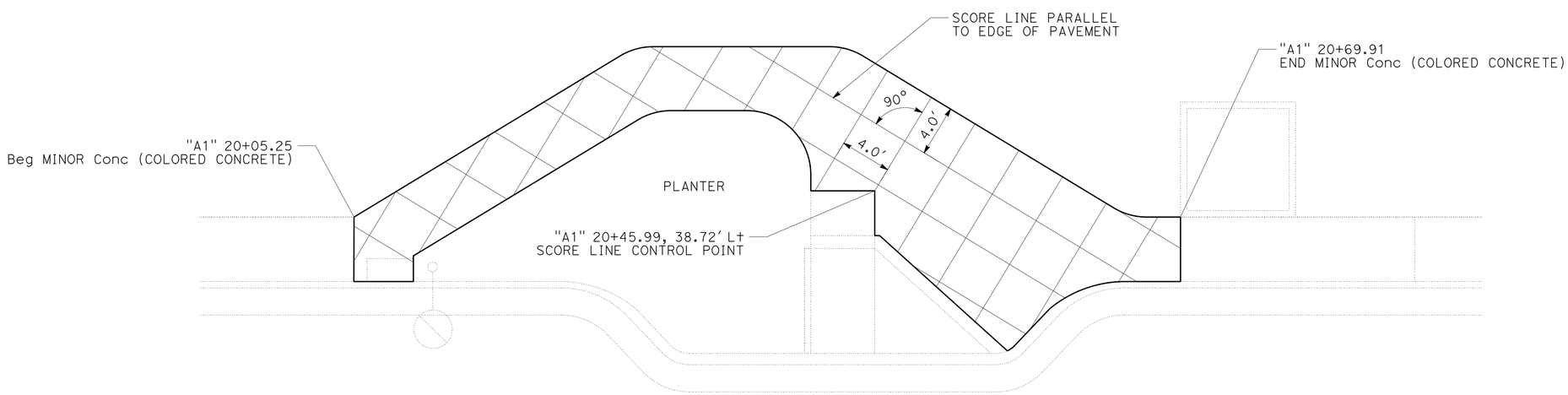
NOTES:

1. COLORED CONCRETE: FEDERAL Std COLOR 595C 26134 (DARK GREY).
2. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE.



CURB RAMP 2

ROUTE 89 MIDBLOCK PM 20.16



CURB RAMP 5

ROUTE 89 & GRAND St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-44

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ROBIN SOLARI | LOGAN MOORE
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FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	64	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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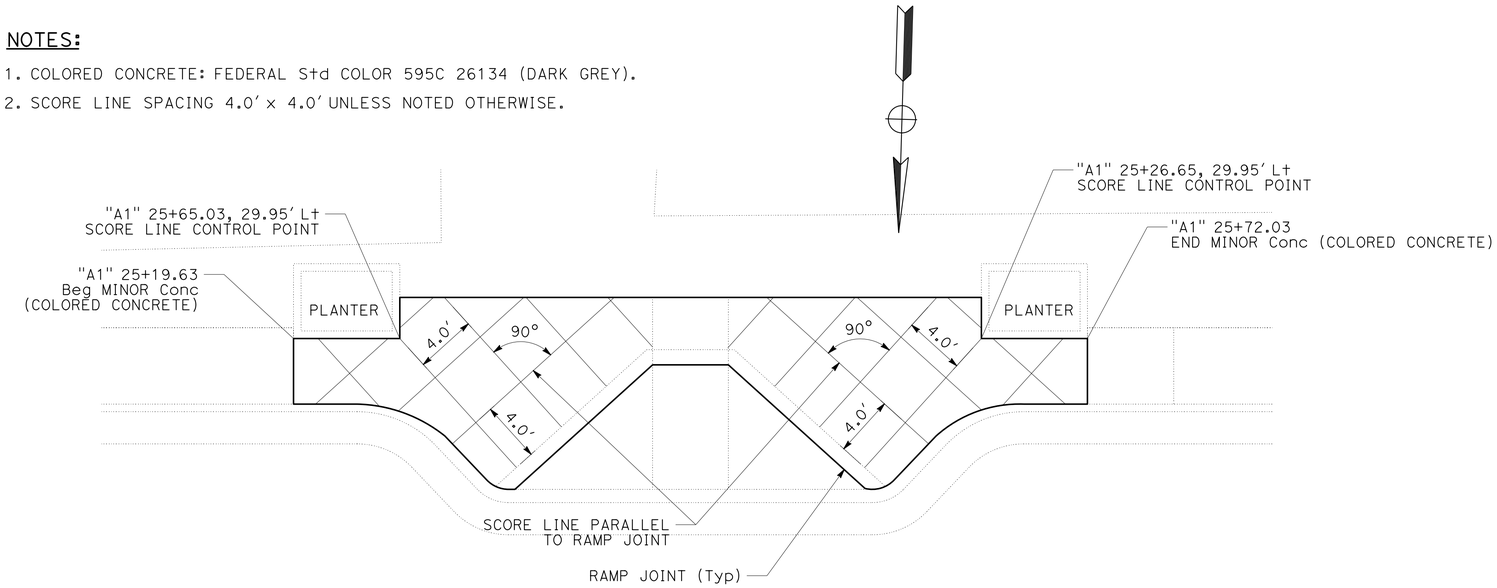
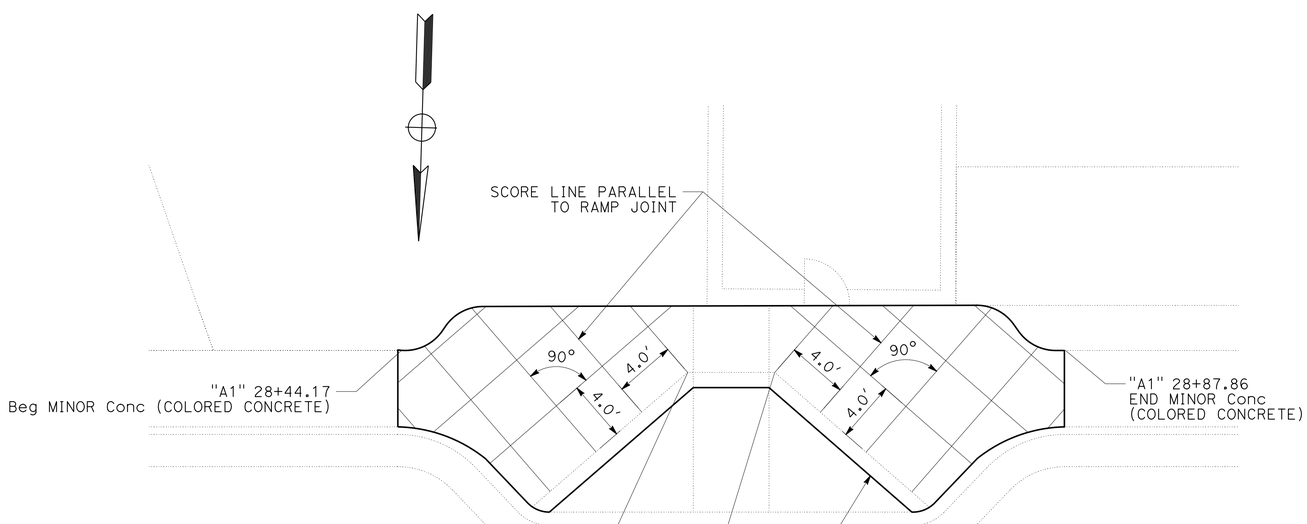
NOTES:

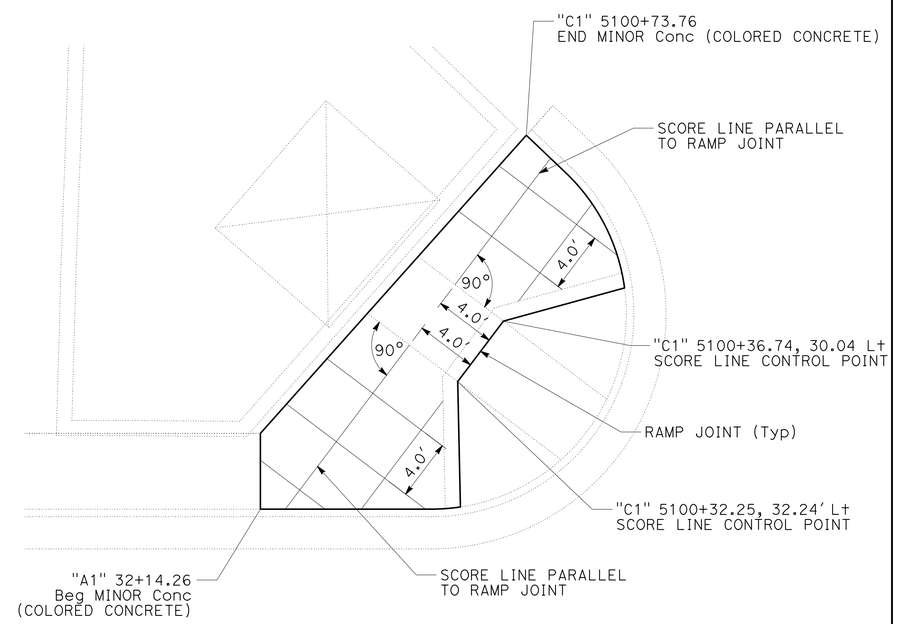
1. COLORED CONCRETE: FEDERAL Std COLOR 595C 26134 (DARK GREY).
2. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE.



CURB RAMP 7
ROUTE 89 & JESSIE St



CURB RAMP 10
ROUTE 89 & PINE St



CURB RAMP 13
ROUTE 89 & AYOOB Cir

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-45

REVISED BY | DATE REVISED
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	65	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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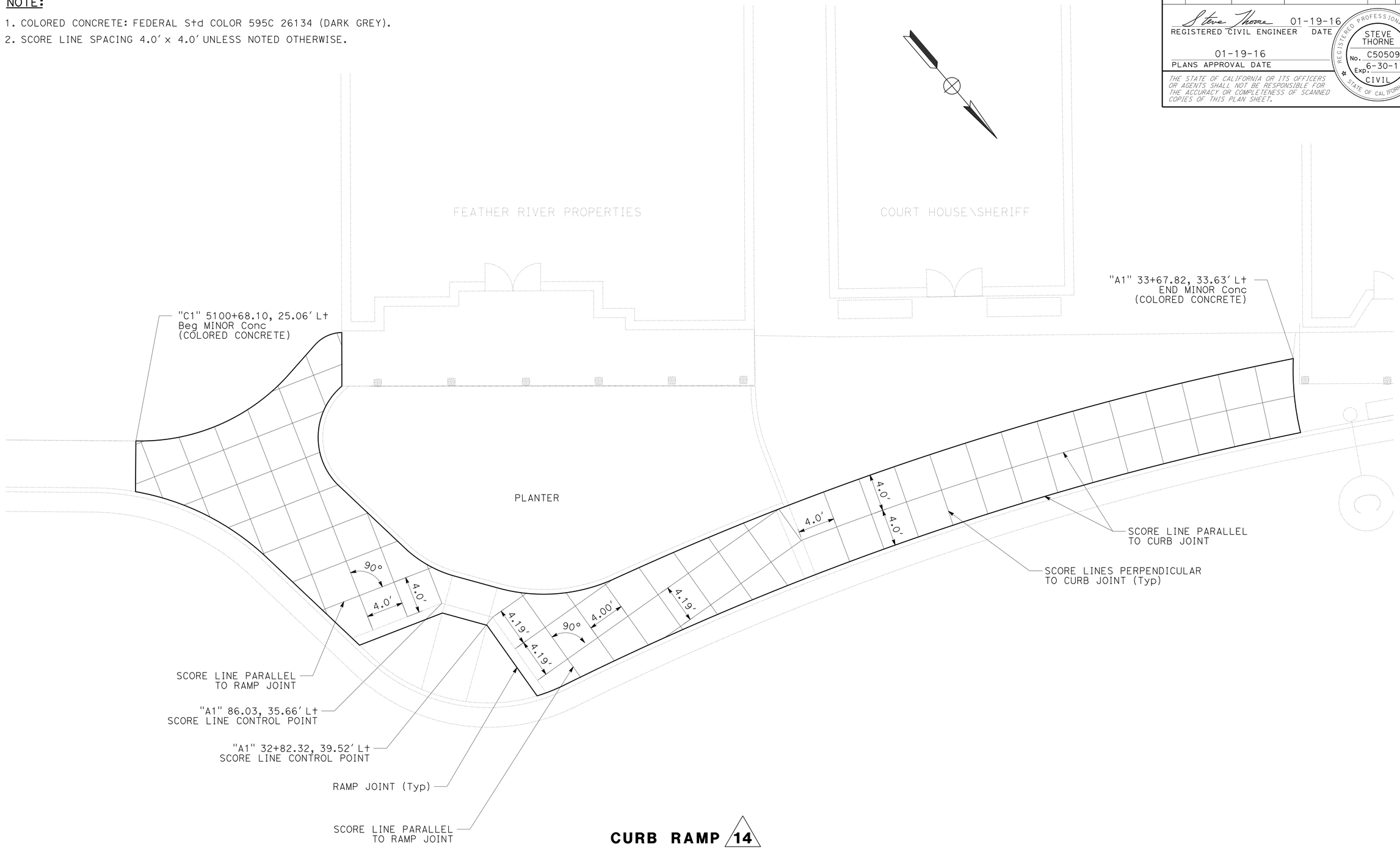
NOTE:

1. COLORED CONCRETE: FEDERAL Std COLOR 595C 26134 (DARK GREY).
2. SCORE LINE SPACING 4.0′ x 4.0′ UNLESS NOTED OTHERWISE.



CURB RAMP 14

ROUTE 89 & AYOOB Cir

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-46

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	66	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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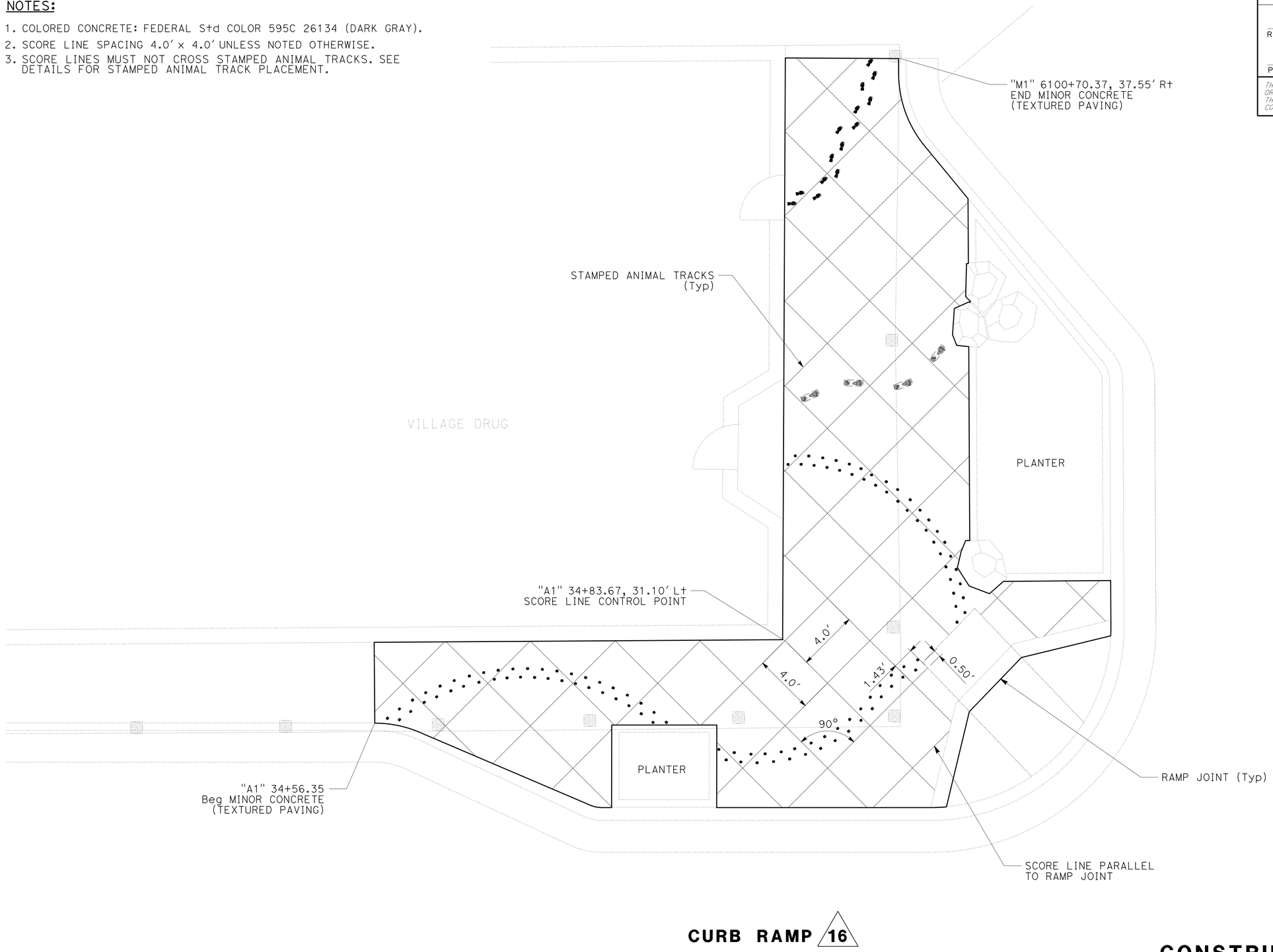
NOTES:

1. COLORED CONCRETE: FEDERAL Std COLOR 595C 26134 (DARK GRAY).
2. SCORE LINE SPACING 4.0' x 4.0' UNLESS NOTED OTHERWISE.
3. SCORE LINES MUST NOT CROSS STAMPED ANIMAL TRACKS. SEE DETAILS FOR STAMPED ANIMAL TRACK PLACEMENT.



CURB RAMP 16

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-47

REVISED BY	DATE REVISED

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FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	67	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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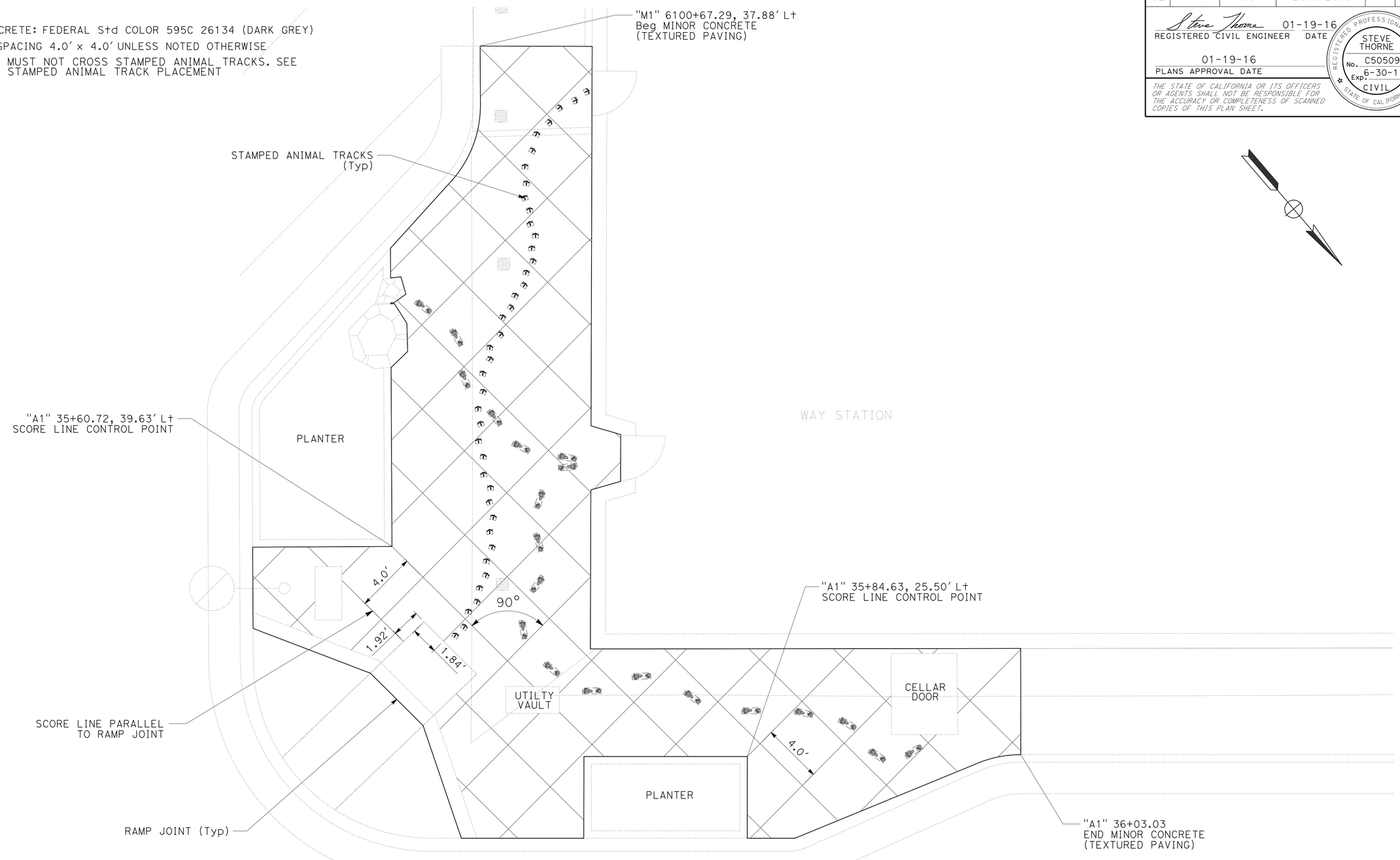

CURB RAMP 17

ROUTE 89 & MAIN St

CONSTRUCTION DETAILS
CONCRETE SCORING PATTERNS

NO SCALE

C-48

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	68	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

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STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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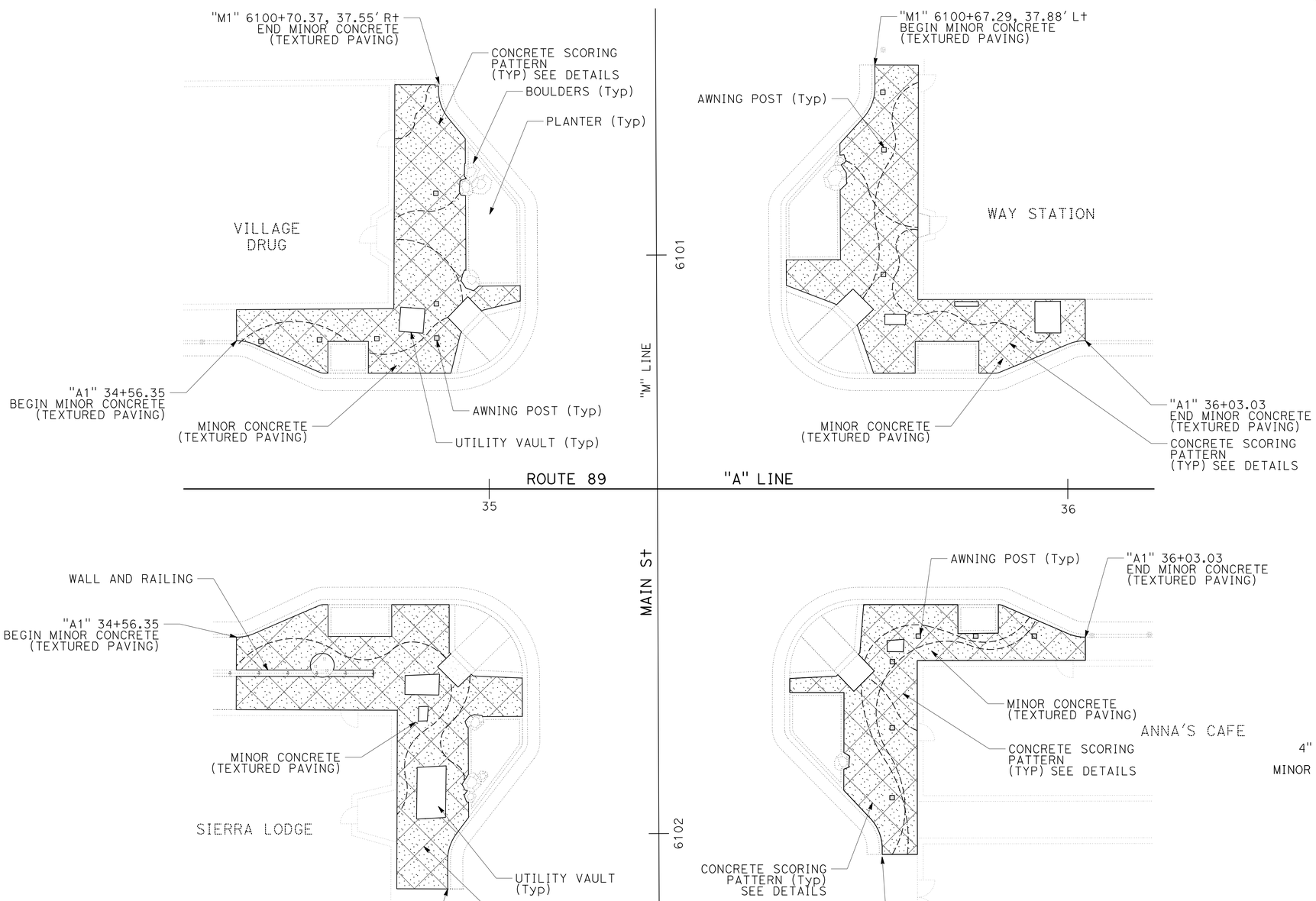
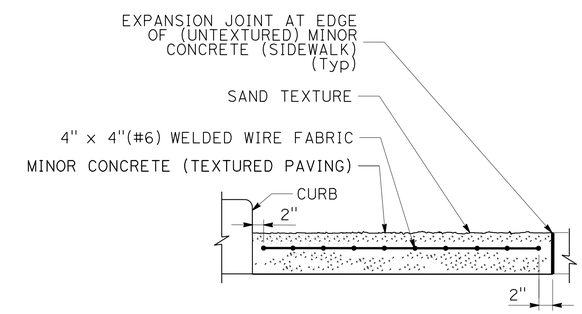


PLAN VIEW
ROUTE 89 & MAIN STREET

LEGEND:

MINOR CONCRETE (TEXTURED PAVING)
TEXTURE: SEAMLESS LIMESTONE
COLOR: COLOR HARDENER
FEDERAL STANDARD 595C 26134
(DARK GREY)

ANIMAL TRACKS
TRACK ALIGNMENT GUIDE (Typ)
(SEE DETAILS)



TYPICAL SECTION

CONSTRUCTION DETAILS
MINOR CONCRETE (TEXTURED PAVING)

NO SCALE

C-49

REVISED BY	DATE REVISED
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	69	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

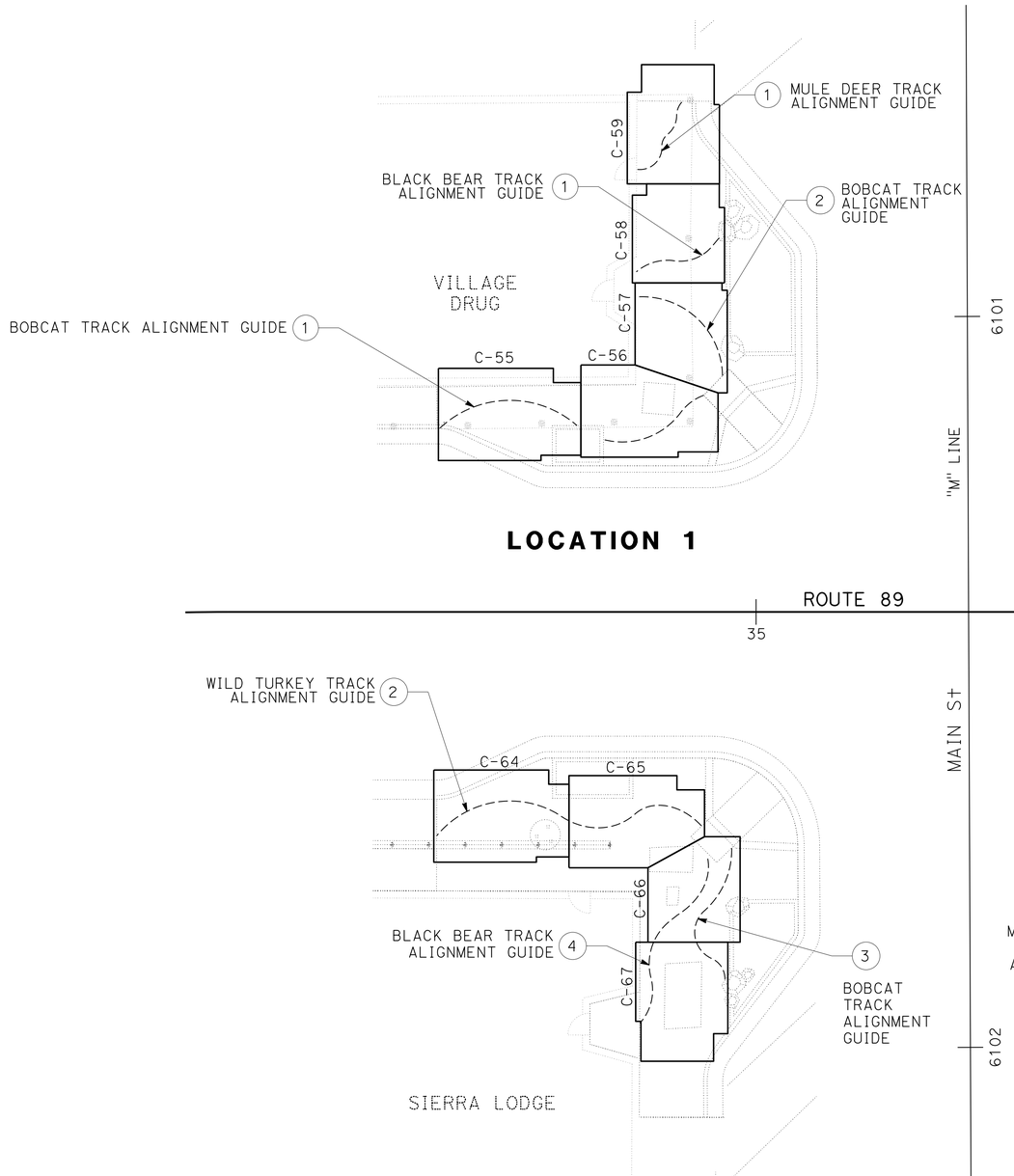
01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 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:

1. USE ANTIQUE RELEASE AGENT WITH ALL ANIMAL TRACK STAMPS. MUST MATCH FEDERAL STANDARD 595C 25042 (DARK CHARCOAL).



LOCATION 1

LOCATION 2

LOCATION 3

LOCATION 4

STAMPED ANIMAL TRACKS
KEY MAP

CONSTRUCTION DETAILS
ANIMAL TRACKS
KEY MAP
NO SCALE

C-50

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	70	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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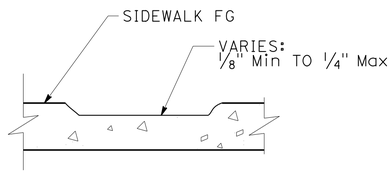
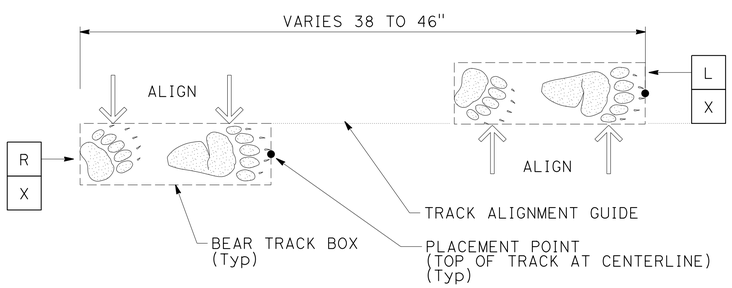
NOTES:

1. ACTUAL DIMENSIONS MAY VARY BASED ON PRODUCT AVAILABILITY.
2. TRACK BOXES SHOWN FOR LOCATING PURPOSES (FOR REFERENCE ONLY).

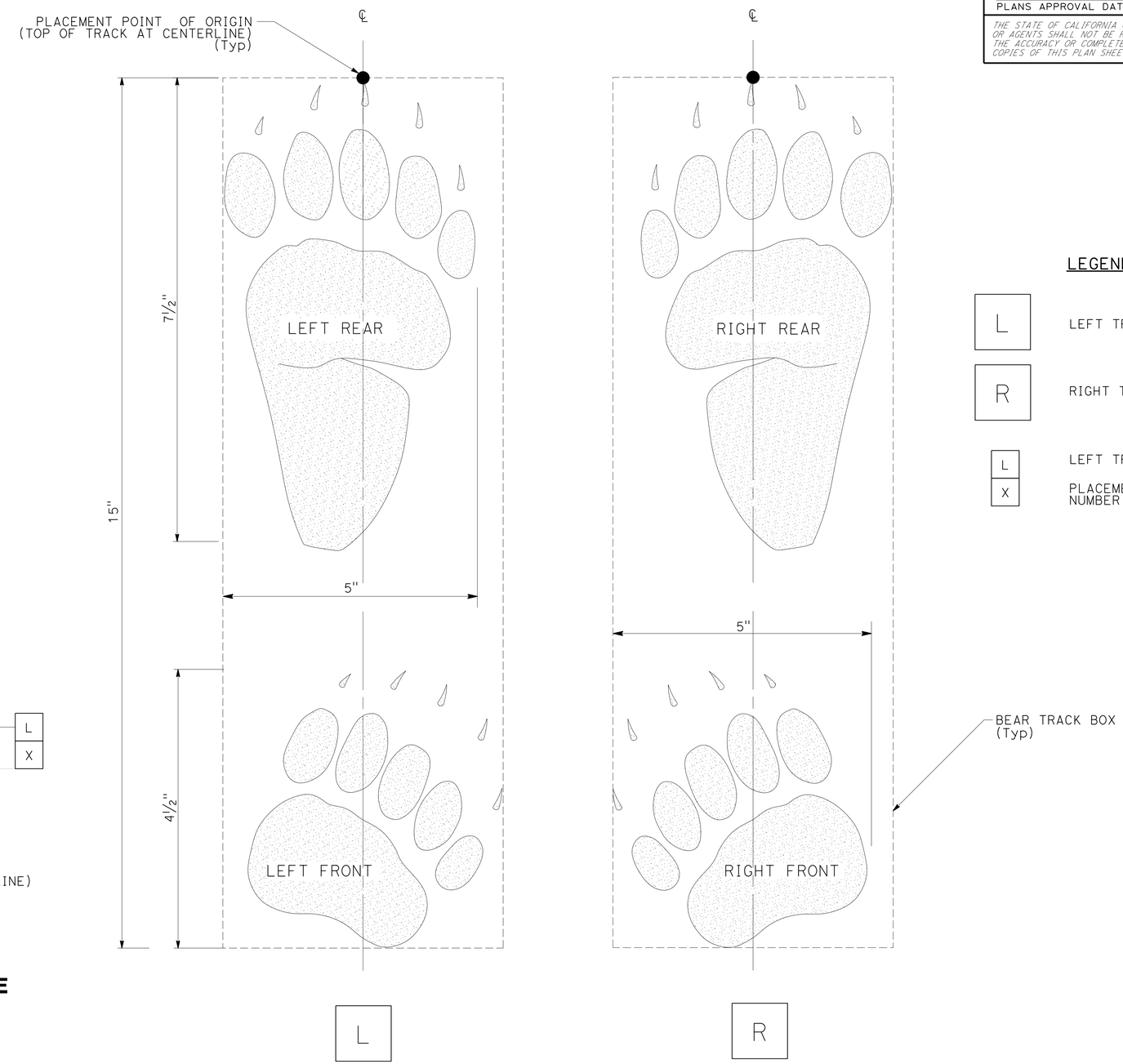


TYPICAL SECTION (ALL ANIMAL TRACKS)



PLAN

LAYOUT DETAIL
STAMPED BLACK BEAR TRACK STRIDE



PLAN

STAMPED BLACK BEAR TRACKS

LEGEND:

L	LEFT TRACK PRINT
R	RIGHT TRACK PRINT
L	LEFT TRACK PRINT
X	PLACEMENT POINT REFERENCE NUMBER (SEE TABLE)

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-51

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE

CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	71	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTES:

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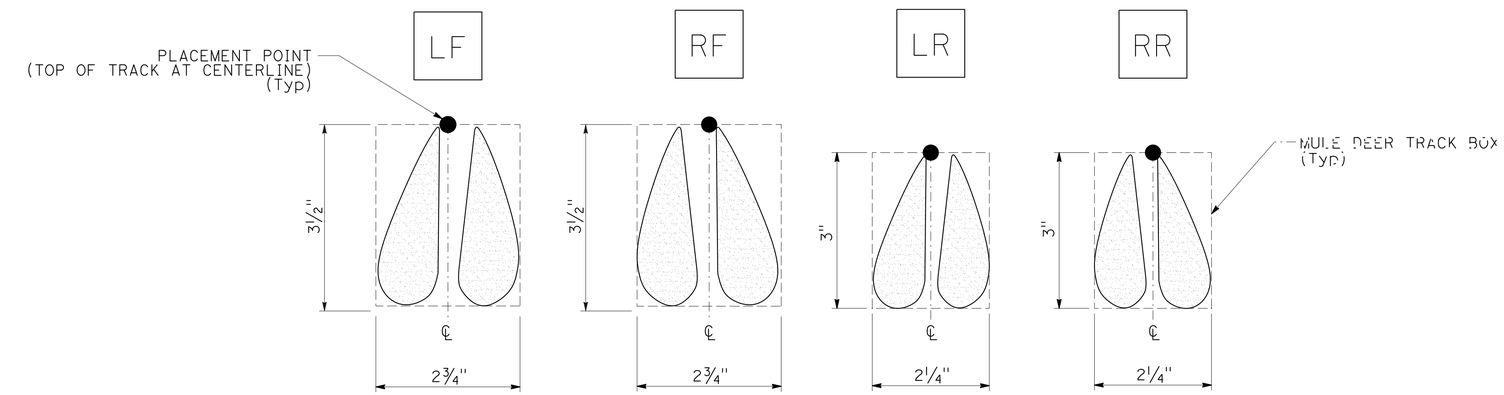
2. TRACK BOX SHOWN FOR LOCATING PURPOSES (FOR REFERENCE ONLY).

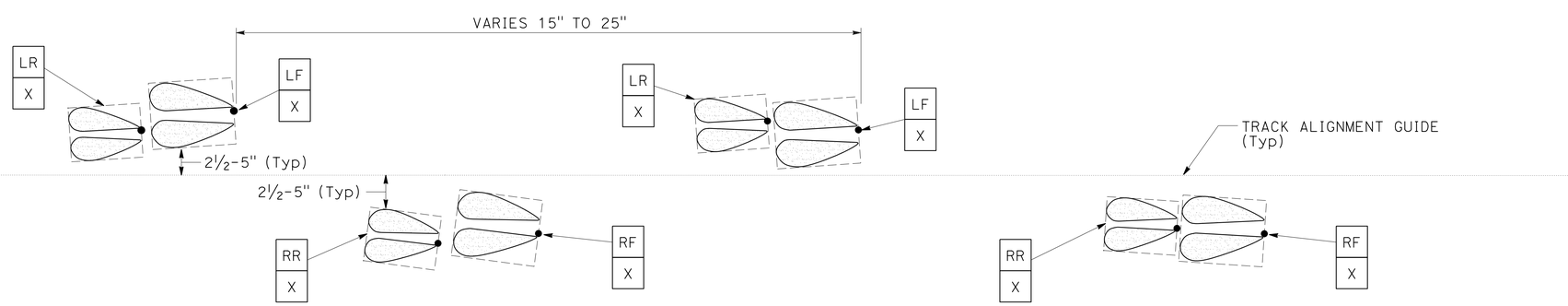
LEGEND:

- L — LEFT FRONT TRACK PRINT
- RF — RIGHT FRONT TRACK PRINT
- LR — LEFT REAR TRACK PRINT
- RR — RIGHT REAR TRACK PRINT
- LF / X — LEFT FRONT TRACK PRINT; PLACEMENT POINT REFERENCE NUMBER (SEE TABLE)



PLAN

STAMPED MULE DEER TRACKS



PLAN

LAYOUT DETAIL
STAMPED MULE DEER STRIDE

CONSTRUCTION DETAILS
ANIMAL TRACKS

NO SCALE

C-52

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	STEVE THORNE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	72	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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NOTES:

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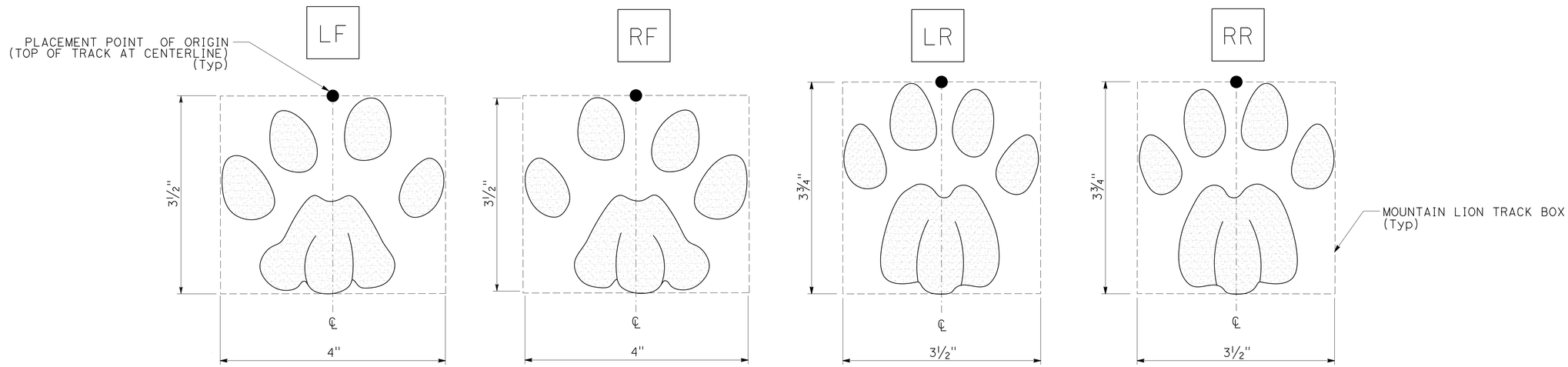
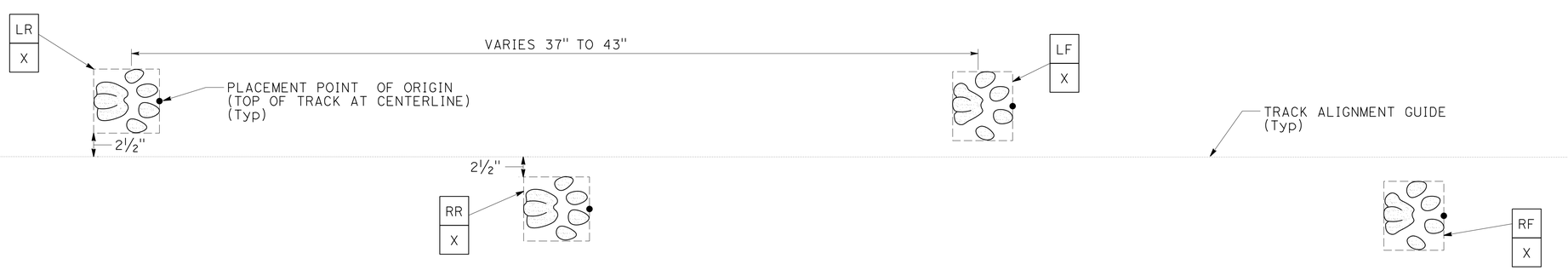
2. BOX SHOWN FOR LOCATING PURPOSES (FOR REFERENCE ONLY).



PLAN

STAMPED MOUNTAIN LION TRACKS



PLAN

LAYOUT DETAIL
STAMPED MOUNTAIN TRACK STRIDE

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-53

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	73	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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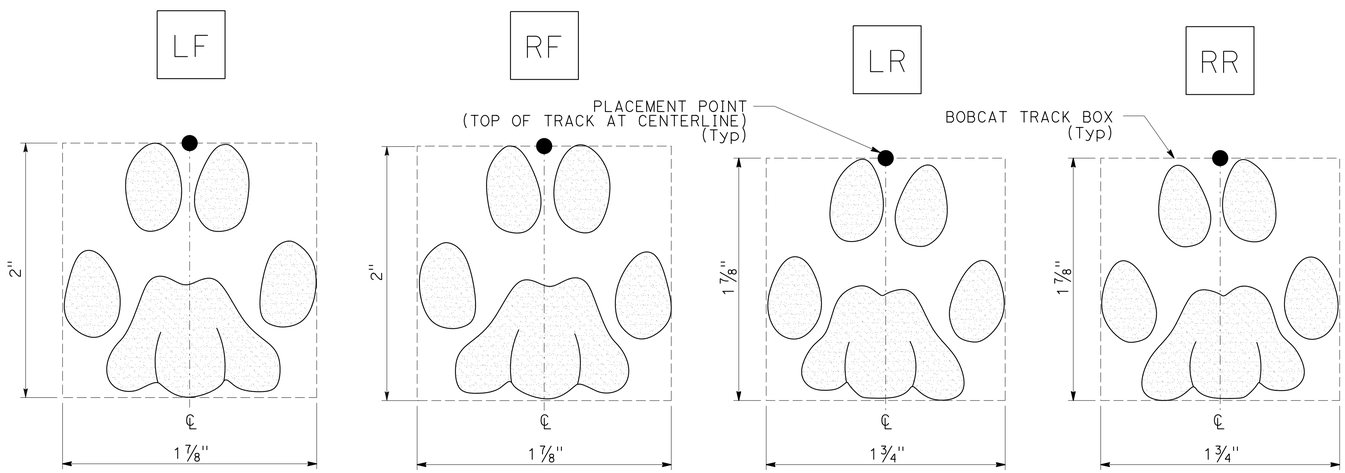
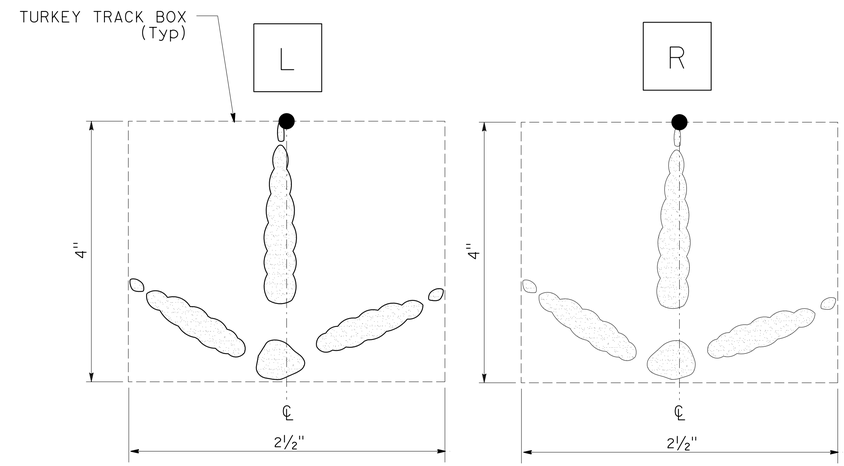


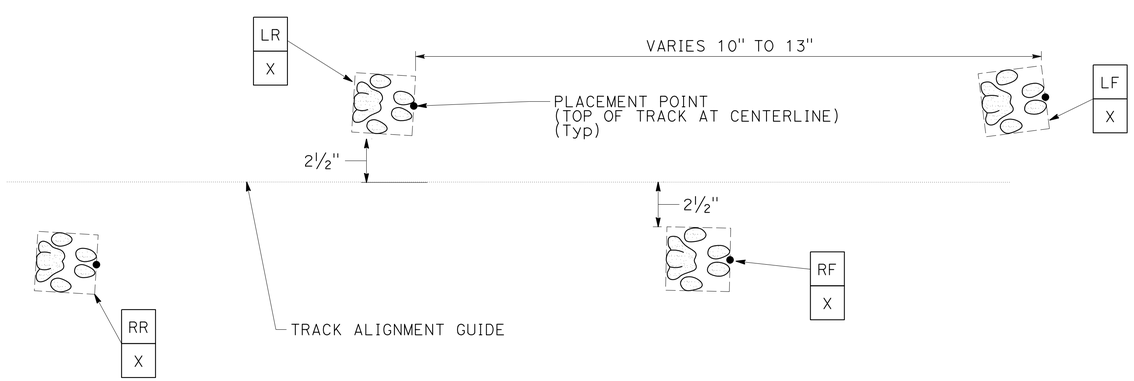
PLAN

STAMPED BOBCAT TRACK



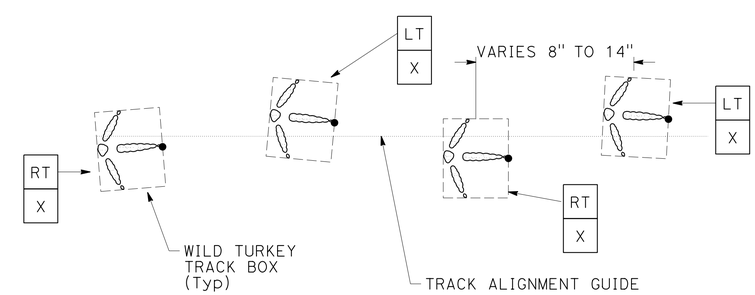
PLAN

STAMPED WILD TURKEY TRACK



PLAN

LAYOUT DETAIL
STAMPED BOBCAT TRACK STRIDE



PLAN

LAYOUT DETAIL
STAMPED WILD TURKEY TRACK STRIDE

CONSTRUCTION DETAILS
ANIMAL TRACKS

NO SCALE

C-54

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FUNCTIONAL SUPERVISOR
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	74	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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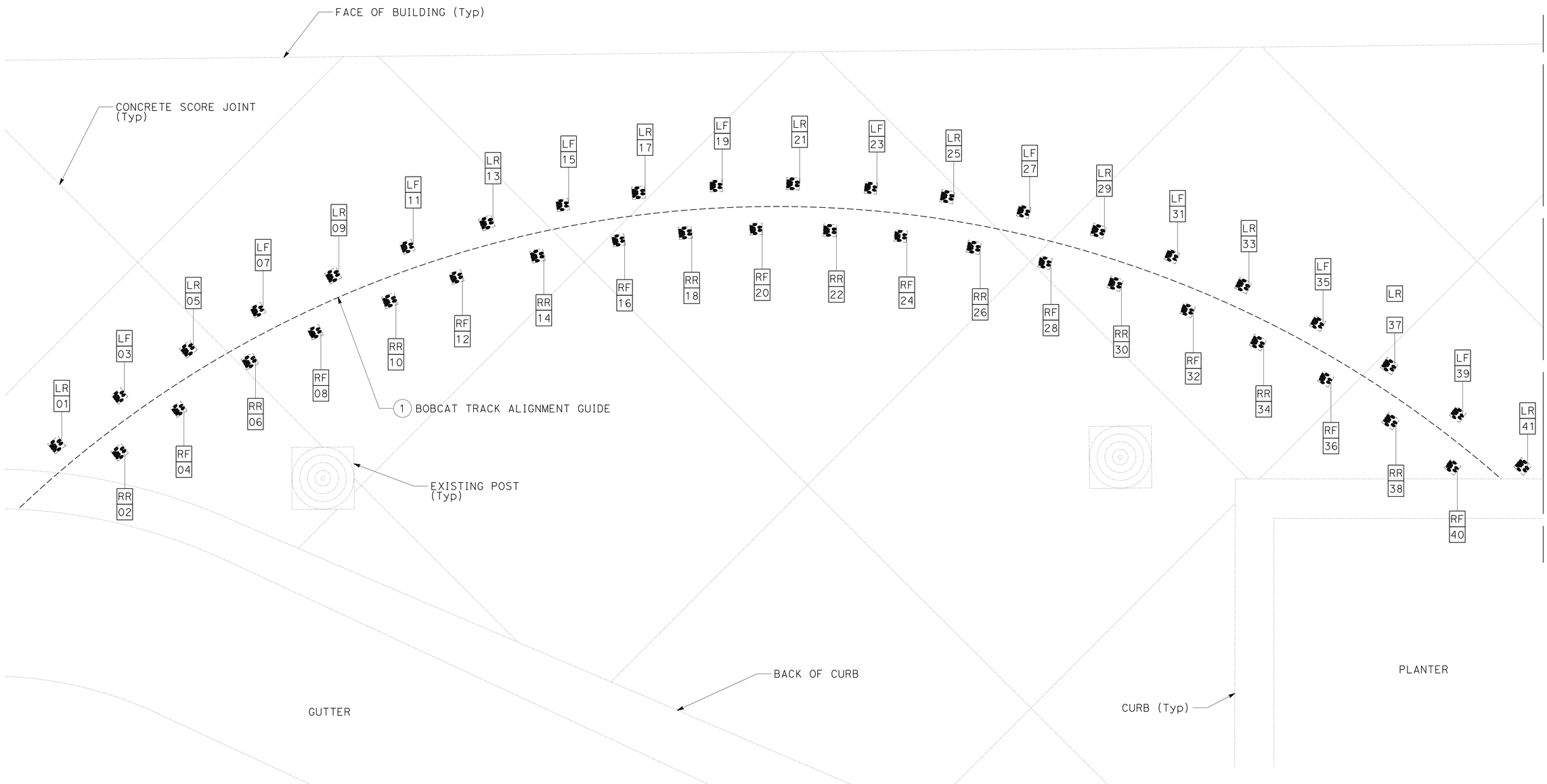

STAMPED ANIMAL TRACK PLACEMENT LOCATION 1

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-55

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	75	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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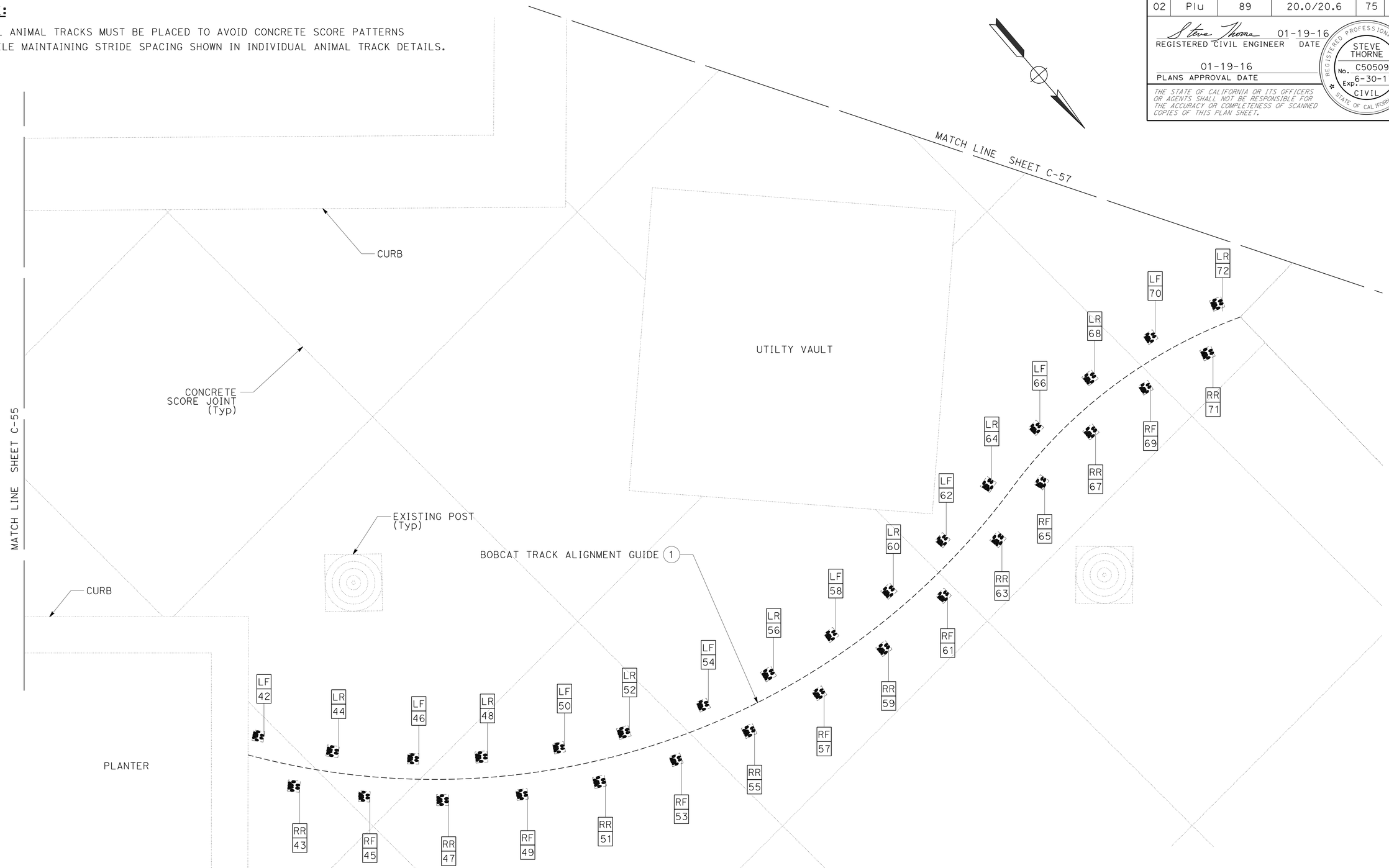

STAMPED ANIMAL TRACK PLACEMENT LOCATION 1

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-56

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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FUNCTIONAL SUPERVISOR: STEVE THORNE
CALCULATED-DESIGNED BY: ROBIN SOLARI
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LAST REVISION DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	76	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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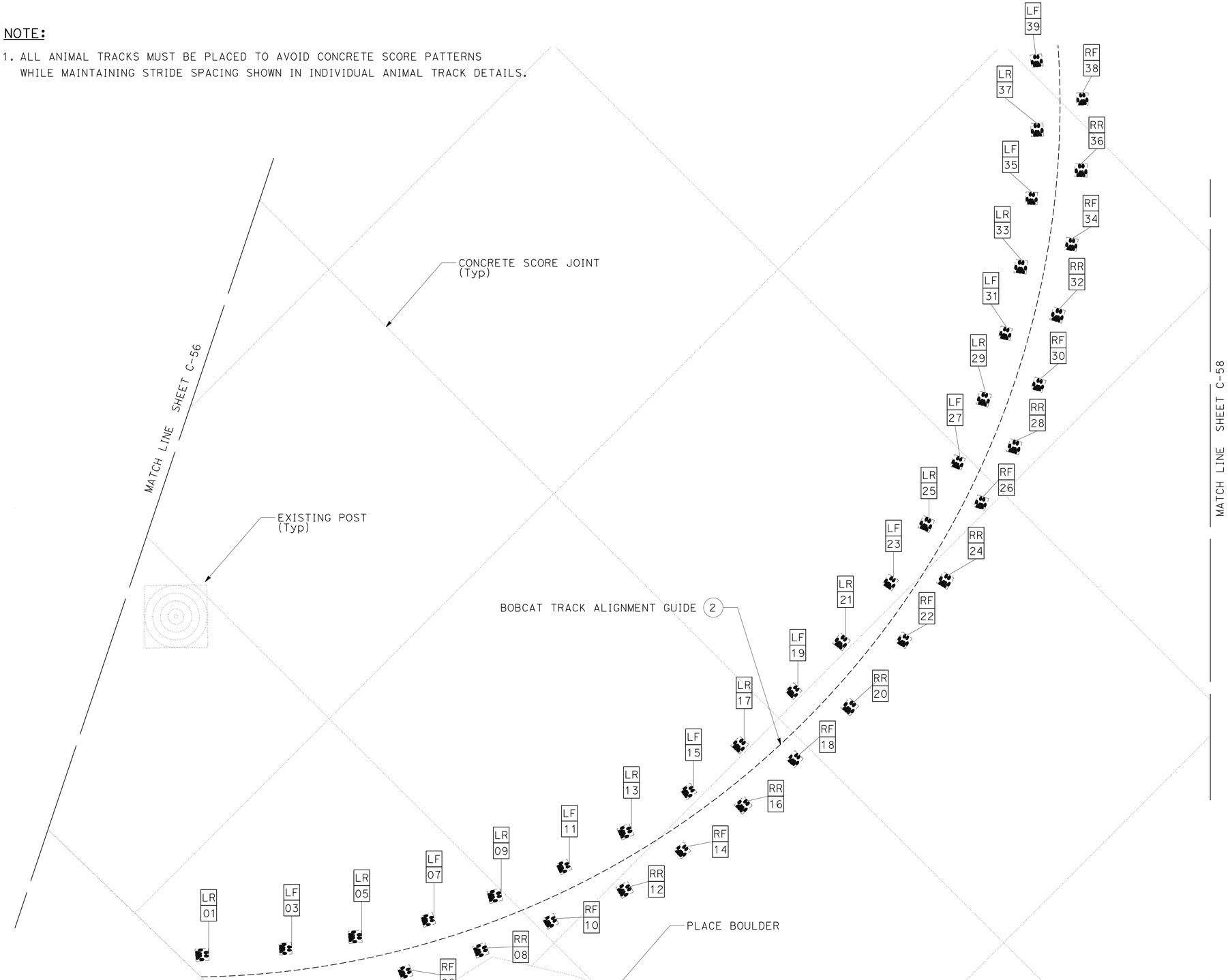

STAMPED ANIMAL TRACK PLACEMENT LOCATION 1

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-57

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
FUNCTIONAL SUPERVISOR: STEVE THORNE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	77	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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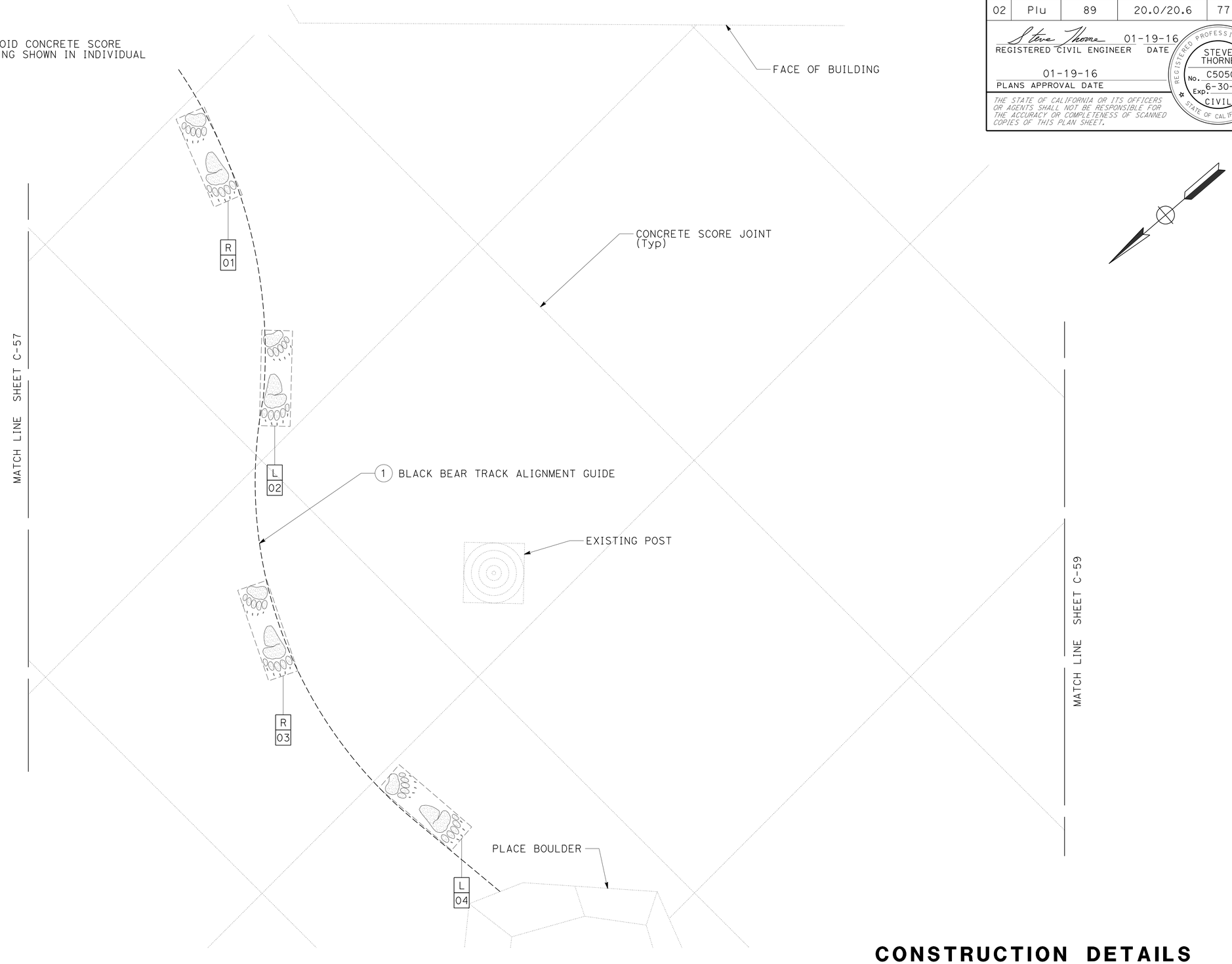

STAMPED ANIMAL TRACK PLACEMENT
LOCATION 1

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-58

REVISED BY	ROBIN SOLARI
DATE REVISED	LOGAN MOORE
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DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	78	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
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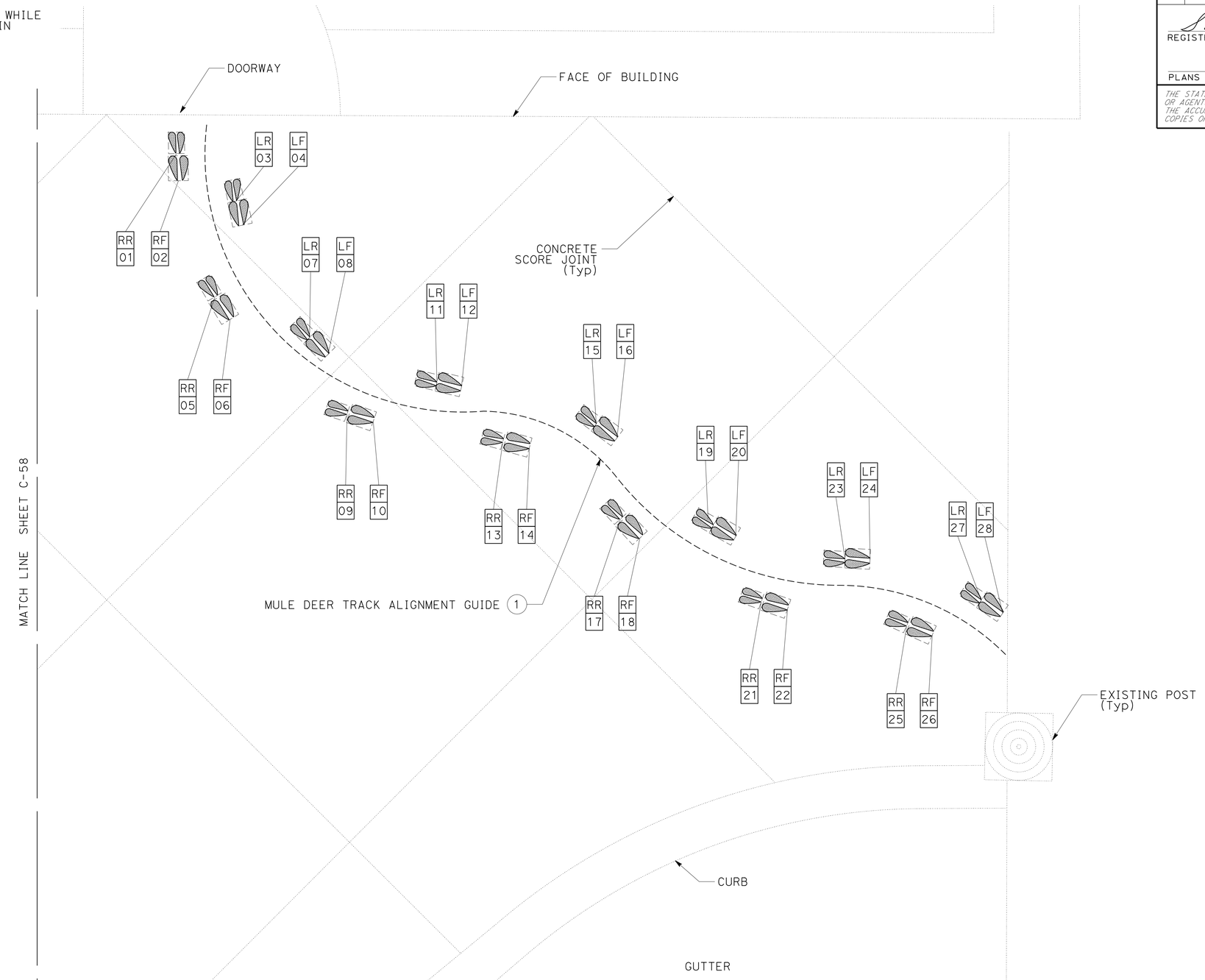

STAMPED ANIMAL TRACK PLACEMENT
LOCATION 1

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-59

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
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FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	79	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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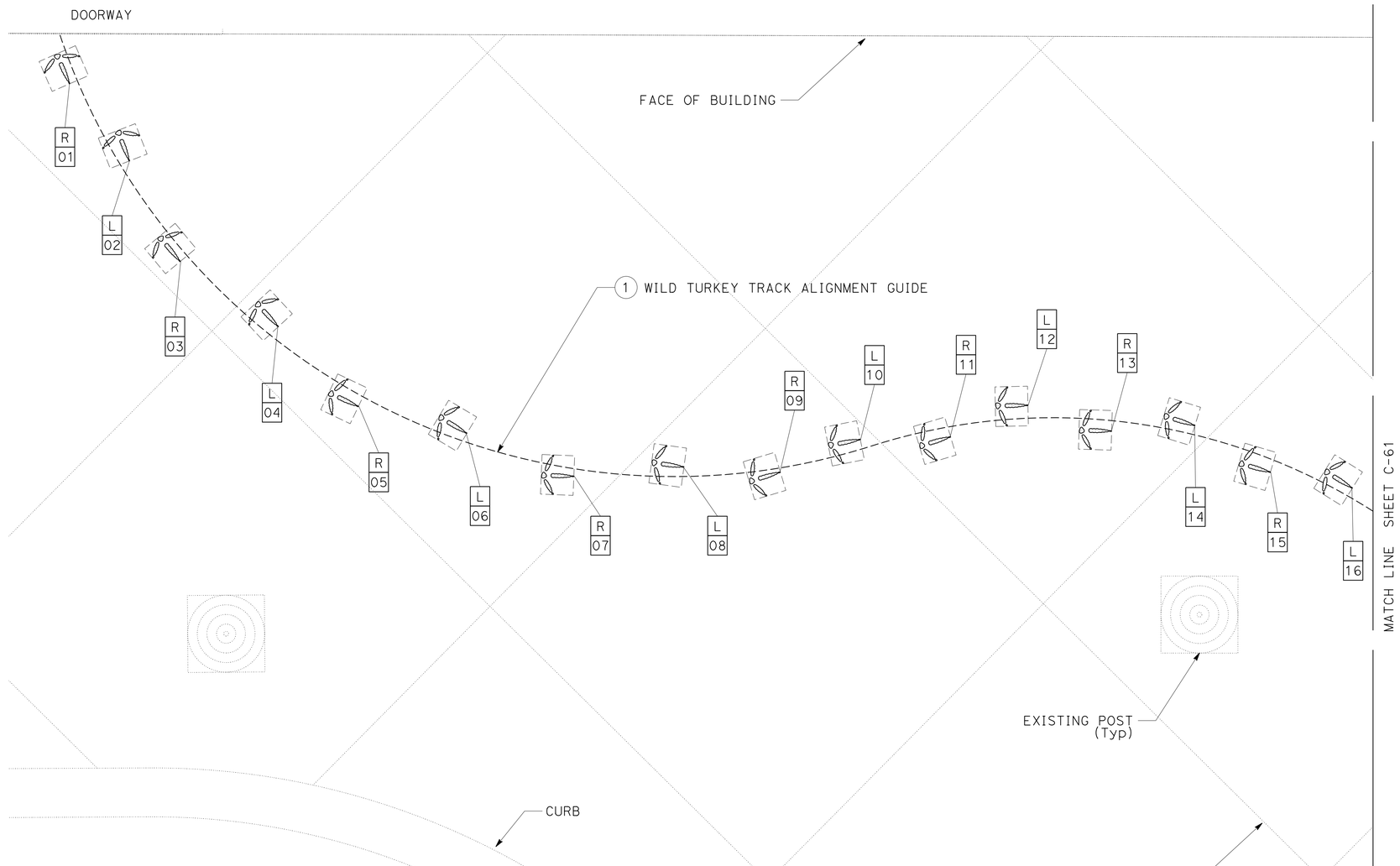

STAMPED ANIMAL TRACK PLACEMENT
LOCATION 2

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-60

REVISED BY	ROBIN SOLARI
DATE REVISED	LOGAN MOORE
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	80	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

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STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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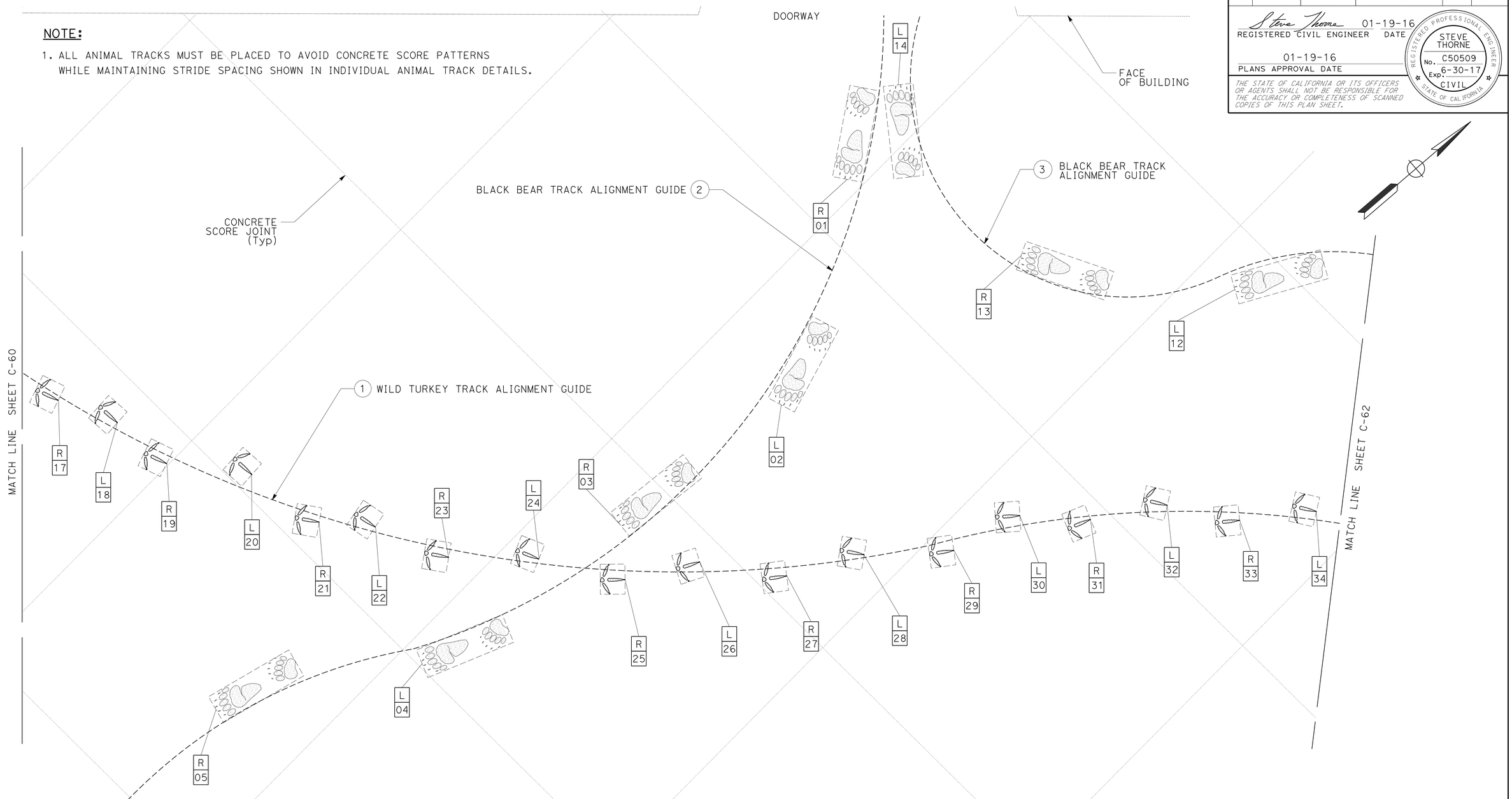

STAMPED ANIMAL TRACK PLACEMENT LOCATION 2

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-61

REVISED BY	DATE REVISED
ROBIN SOLARI	LOGAN MOORE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:23

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ga061.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	81	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
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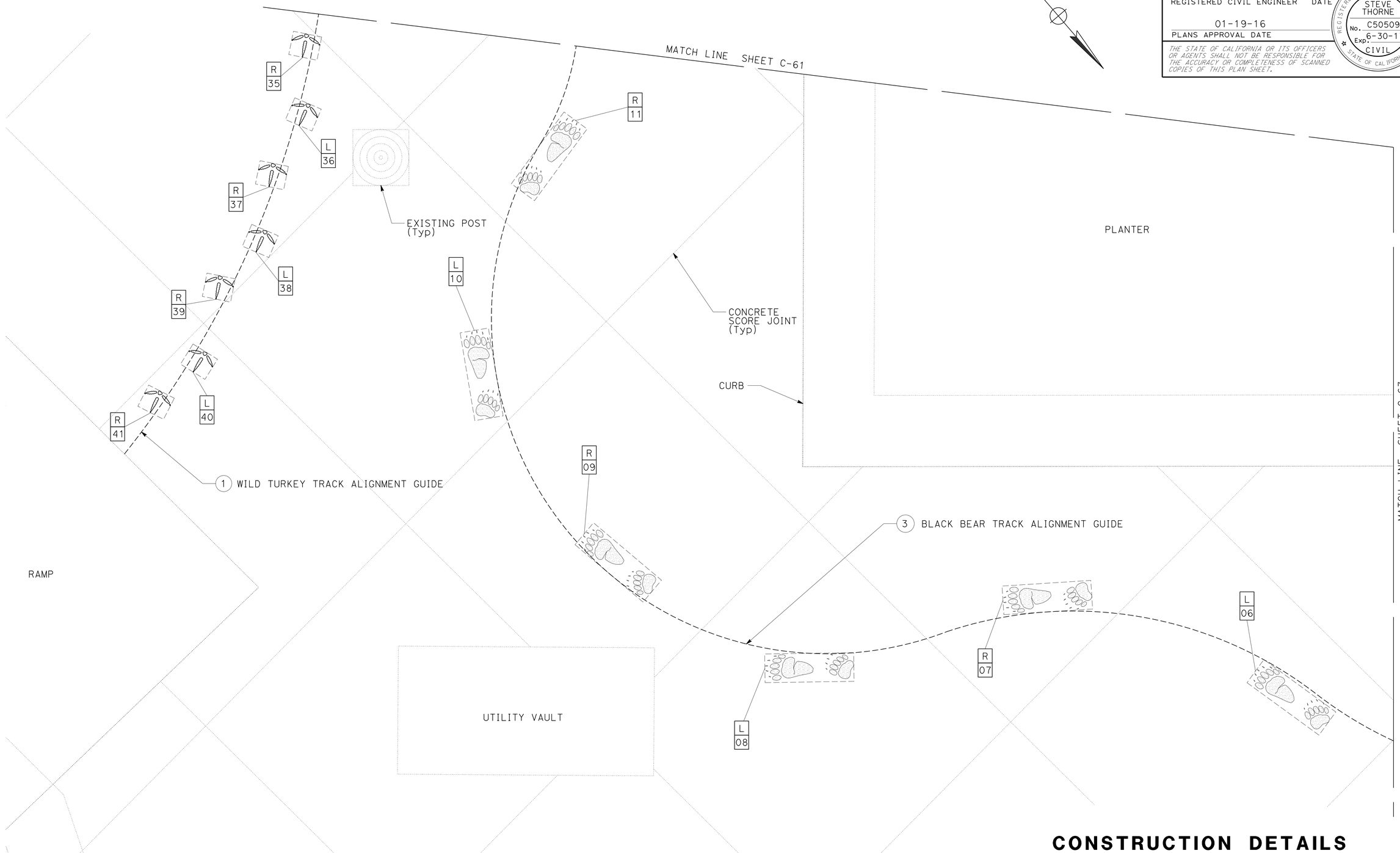

STAMPED ANIMAL TRACK PLACEMENT LOCATION 2

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-62

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
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FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	82	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
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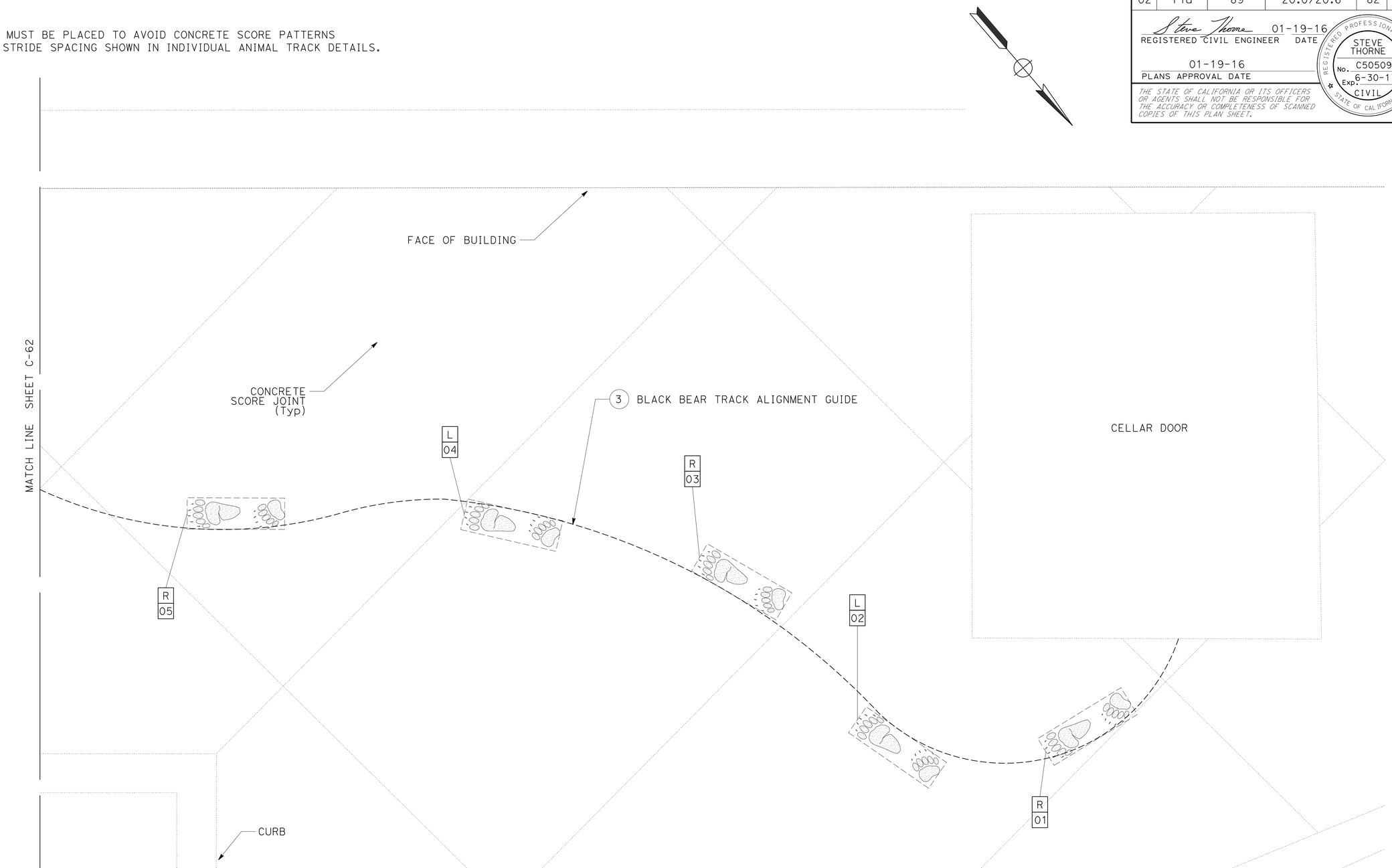

STAMPED ANIMAL TRACK PLACEMENT LOCATION 2

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-63

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
REVISED BY
DATE REVISED

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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

BORDER LAST REVISED 7/2/2010
USERNAME => s115152
DGN FILE => 20e240ga063.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0316
PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	83	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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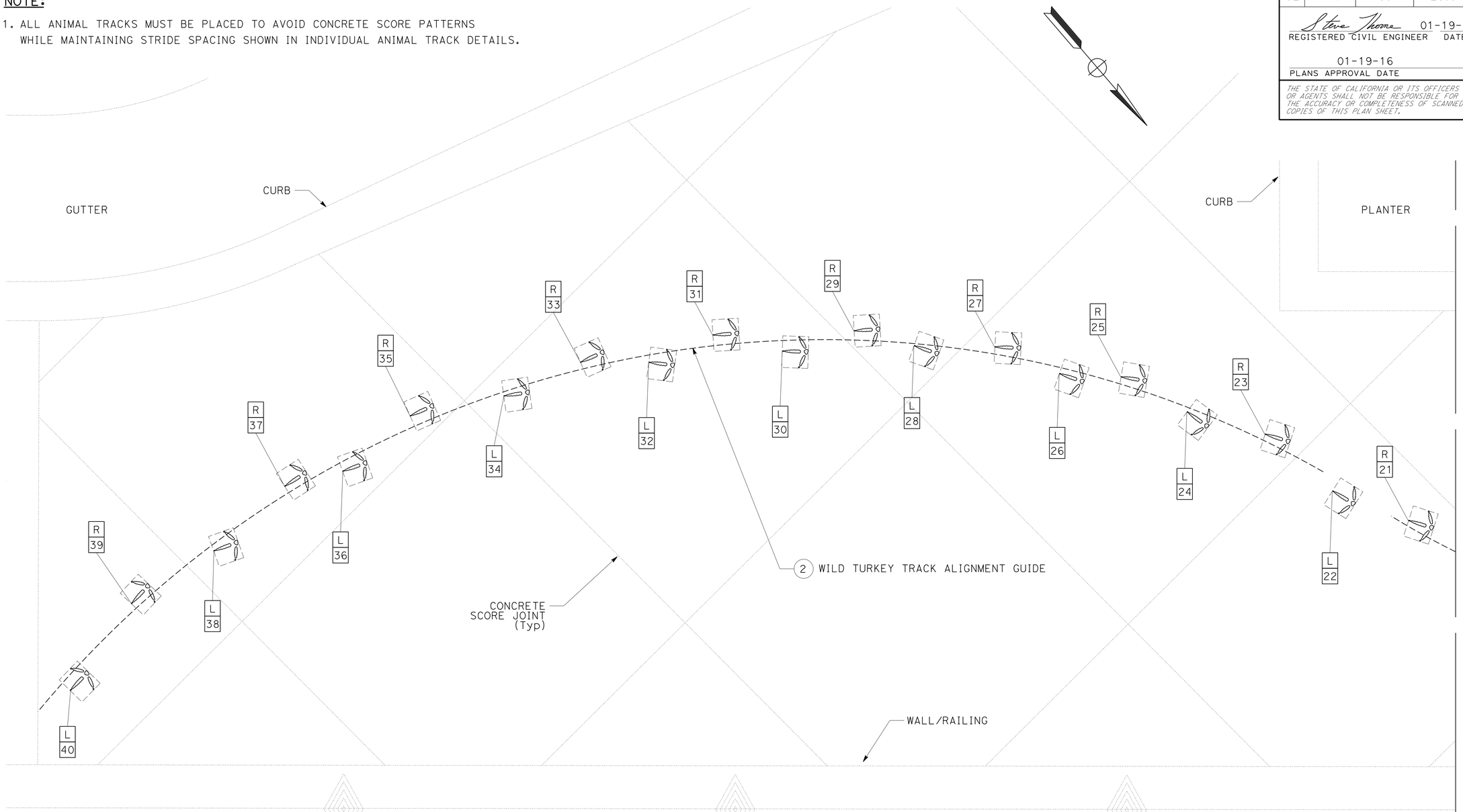

STAMPED ANIMAL TRACK PLACEMENT LOCATION 3

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-64

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
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STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	84	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

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STEVE THORNE
No. C50509
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CIVIL
STATE OF CALIFORNIA

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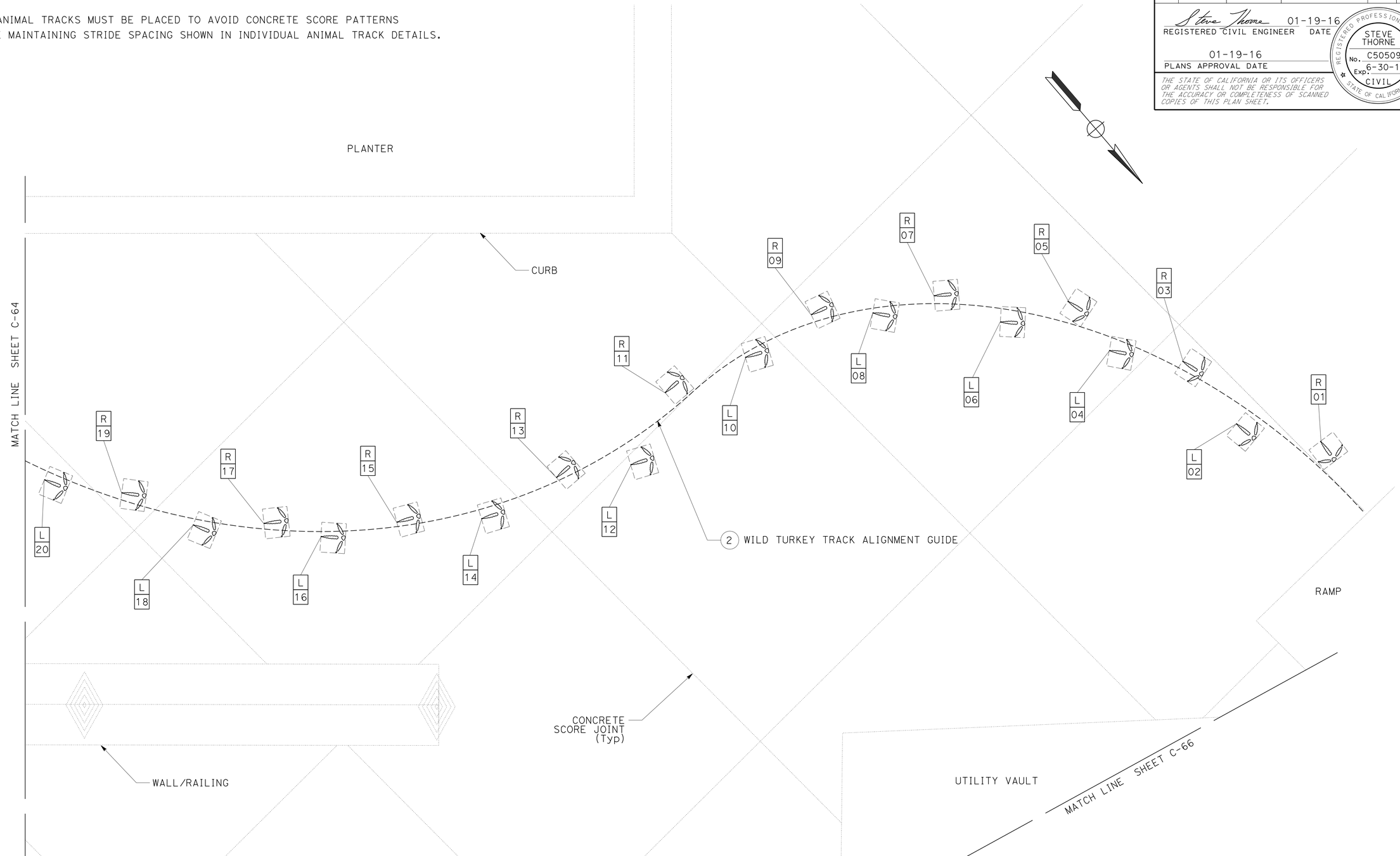

STAMPED ANIMAL TRACK PLACEMENT LOCATION 3

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-65

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	85	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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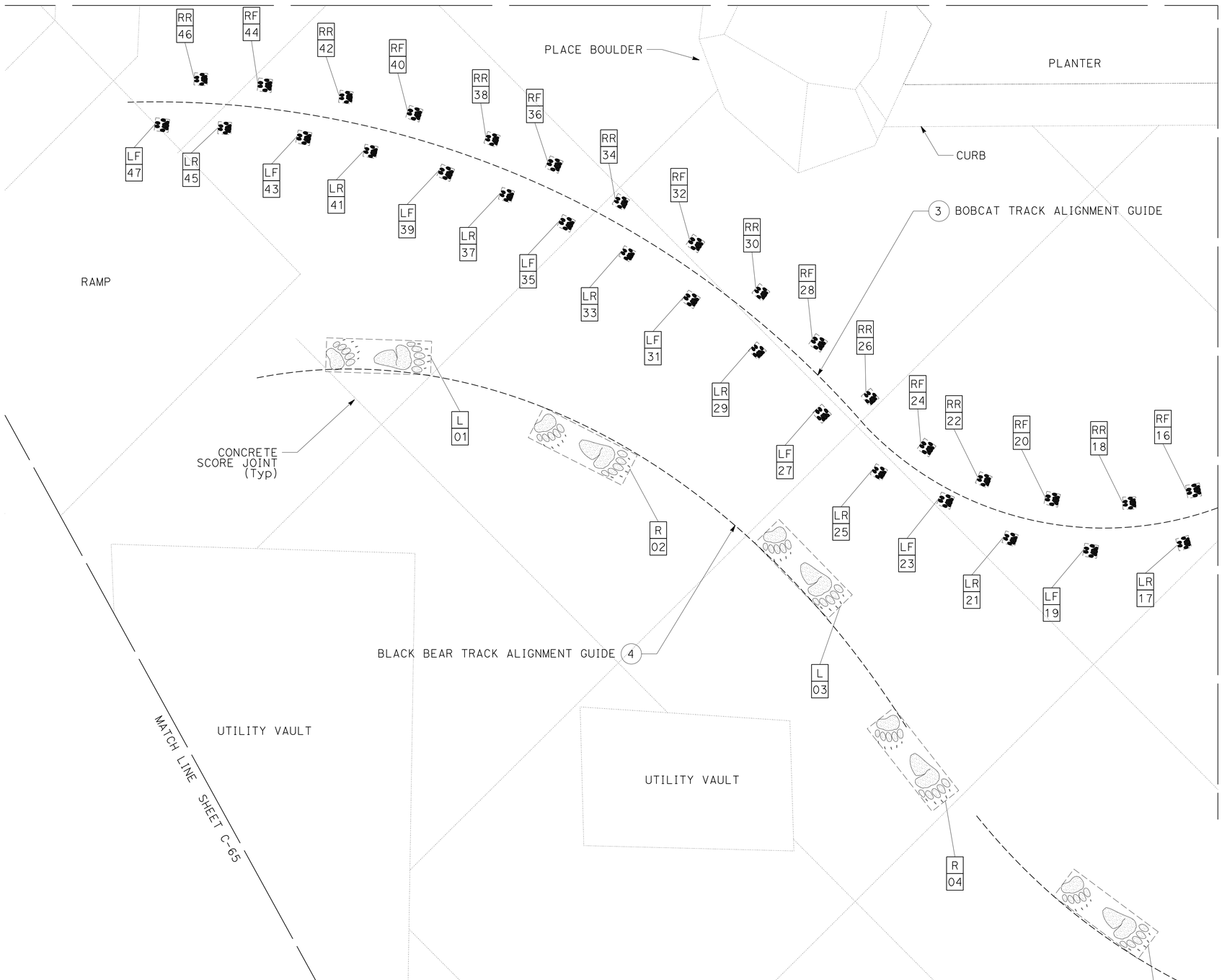
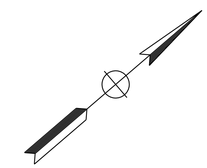


NOTE:

1. ALL ANIMAL TRACKS MUST BE PLACED TO AVOID CONCRETE SCORE PATTERNS WHILE MAINTAINING STRIDE SPACING SHOWN IN INDIVIDUAL ANIMAL TRACK DETAILS.



STAMPED ANIMAL TRACK PLACEMENT
LOCATION 3

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-66

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
ROBIN SOLARI	LOGAN MOORE

FUNCTIONAL SUPERVISOR: STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	86	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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NOTE:

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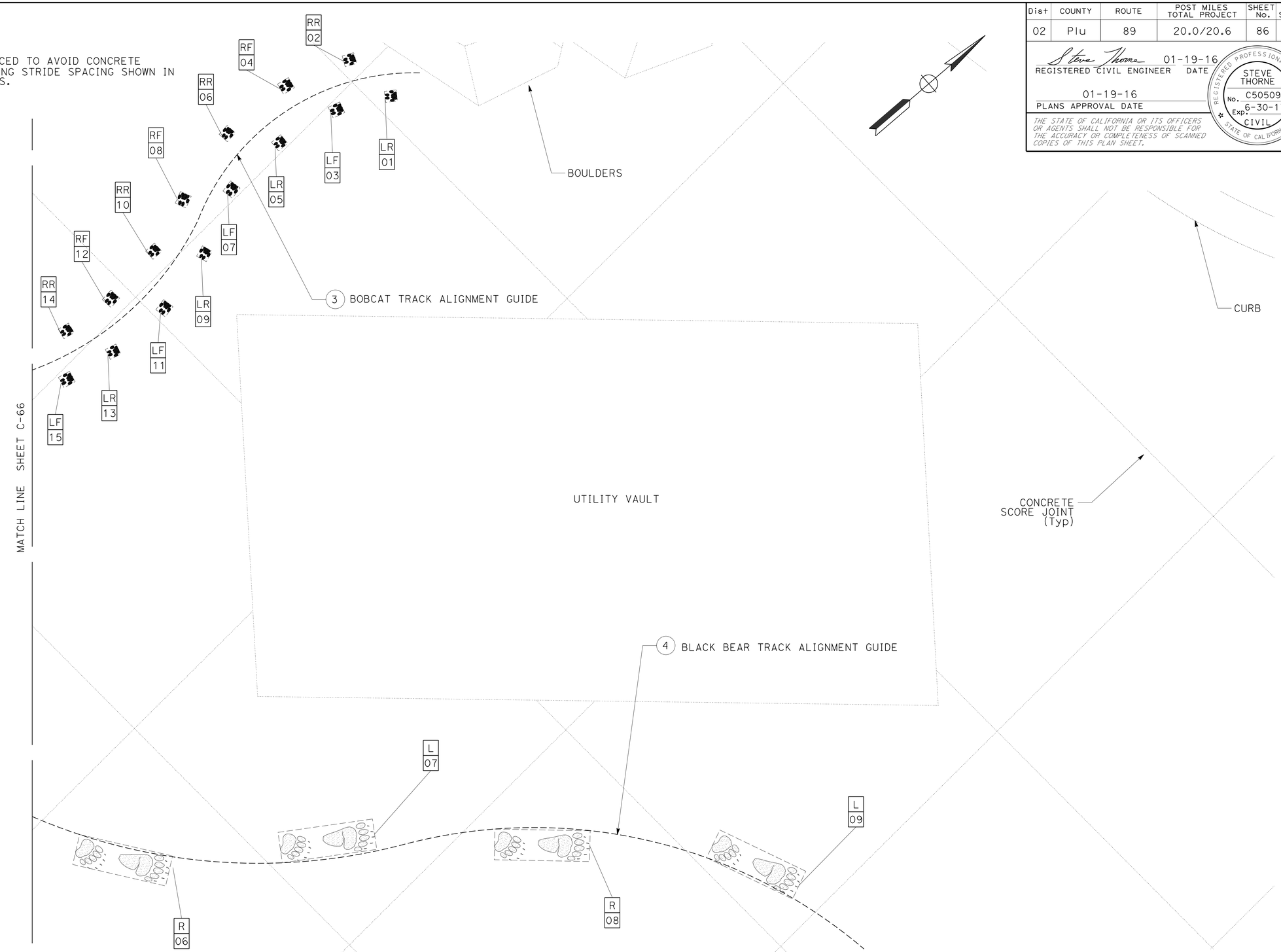

STAMPED ANIMAL TRACK PLACEMENT LOCATION 3

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-67

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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FUNCTIONAL SUPERVISOR: STEVE THORNE
CALCULATED-DESIGNED BY: ROBIN SOLARI
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DATE REVISED

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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	87	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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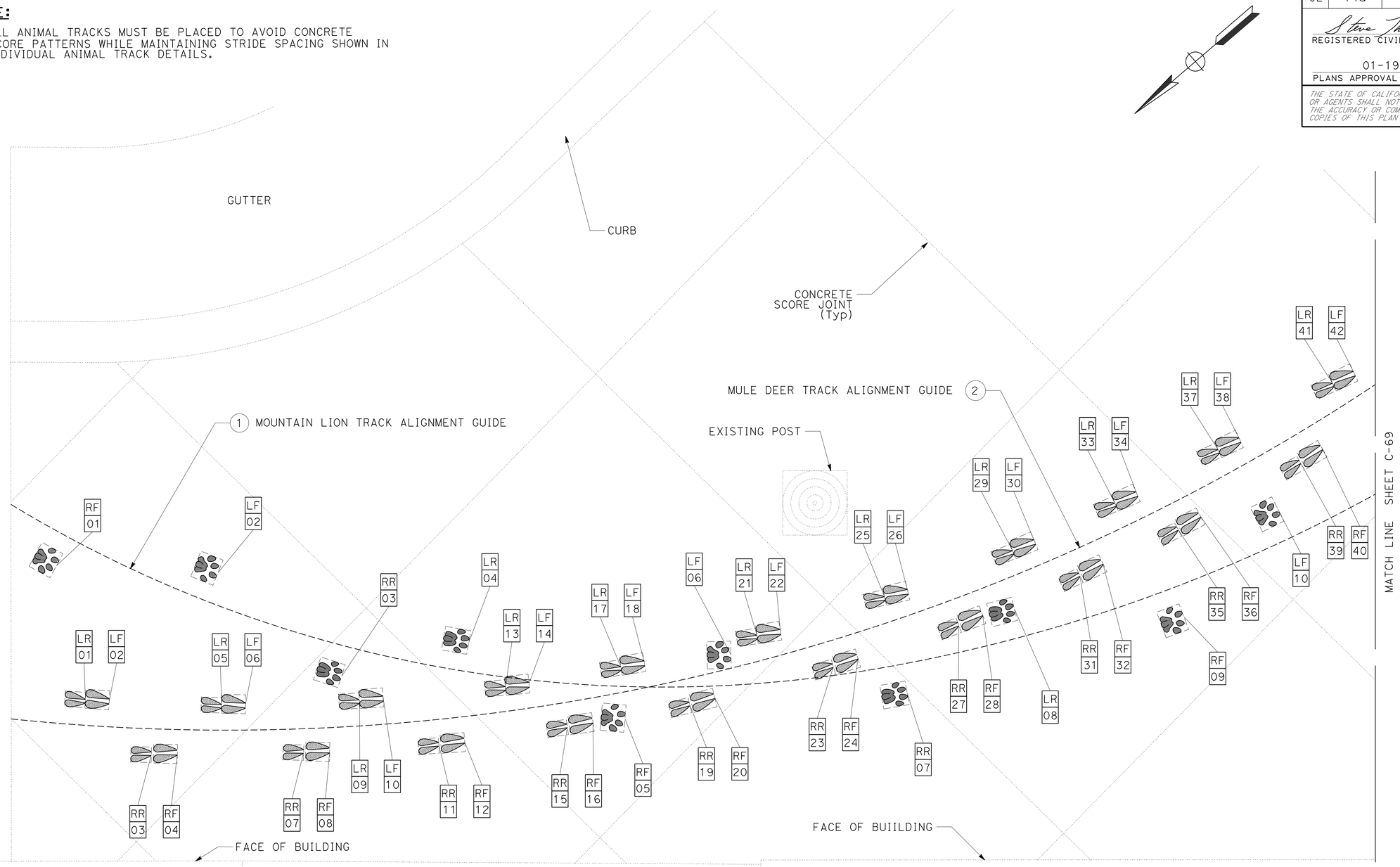

STAMPED ANIMAL TRACK PLACEMENT
LOCATION 4

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-68

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROBIN SOLARI
CHECKED BY: LOGAN MOORE
FUNCTIONAL SUPERVISOR: STEVE THORNE

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	88	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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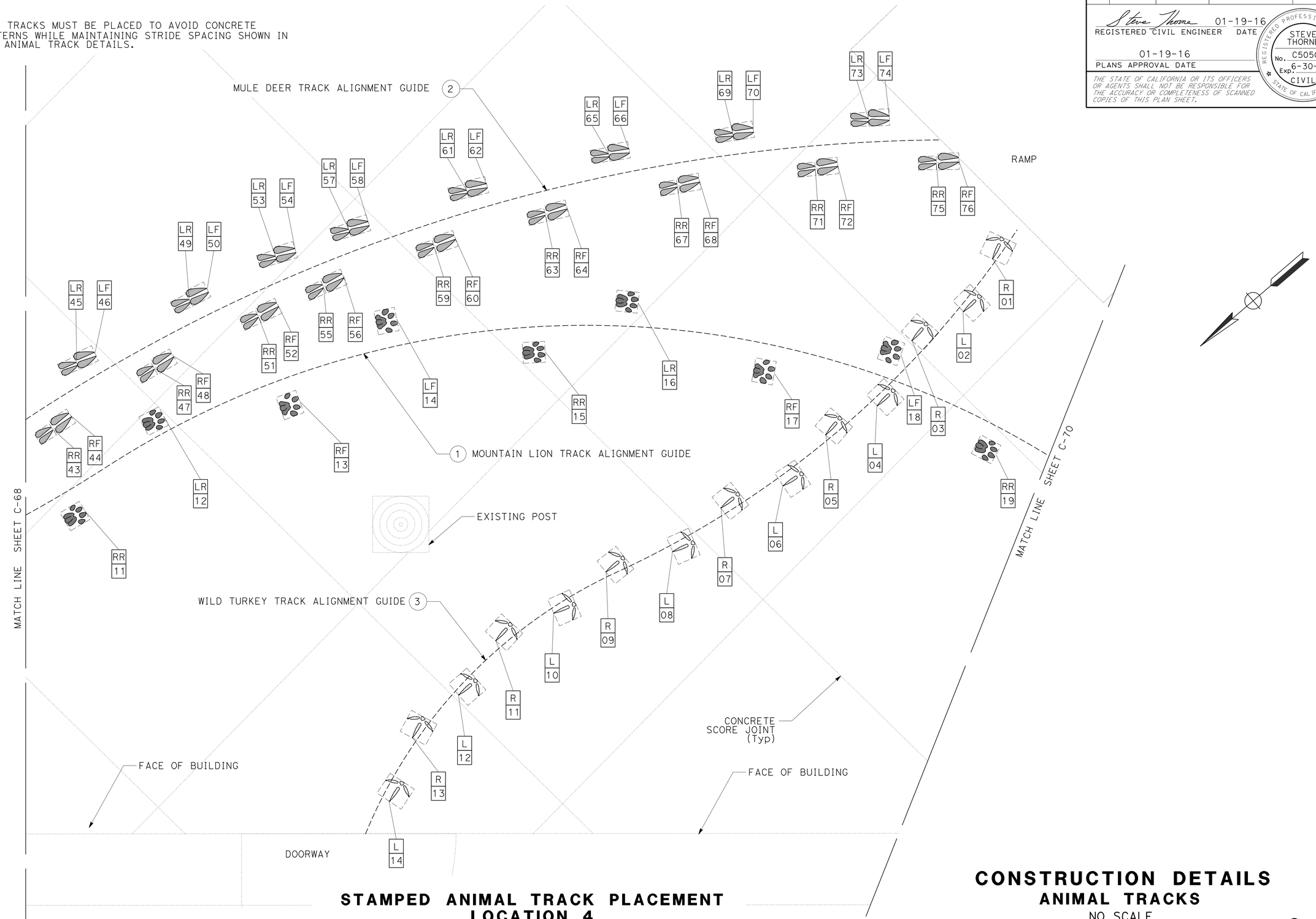

STAMPED ANIMAL TRACK PLACEMENT LOCATION 4

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-69

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR: STEVE THORNE
CALCULATED-DESIGNED BY: ROBIN SOLARI
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LAST REVISION 01-19-16
DATE PLOTTED => 18-FEB-2016
TIME PLOTTED => 11:23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	89	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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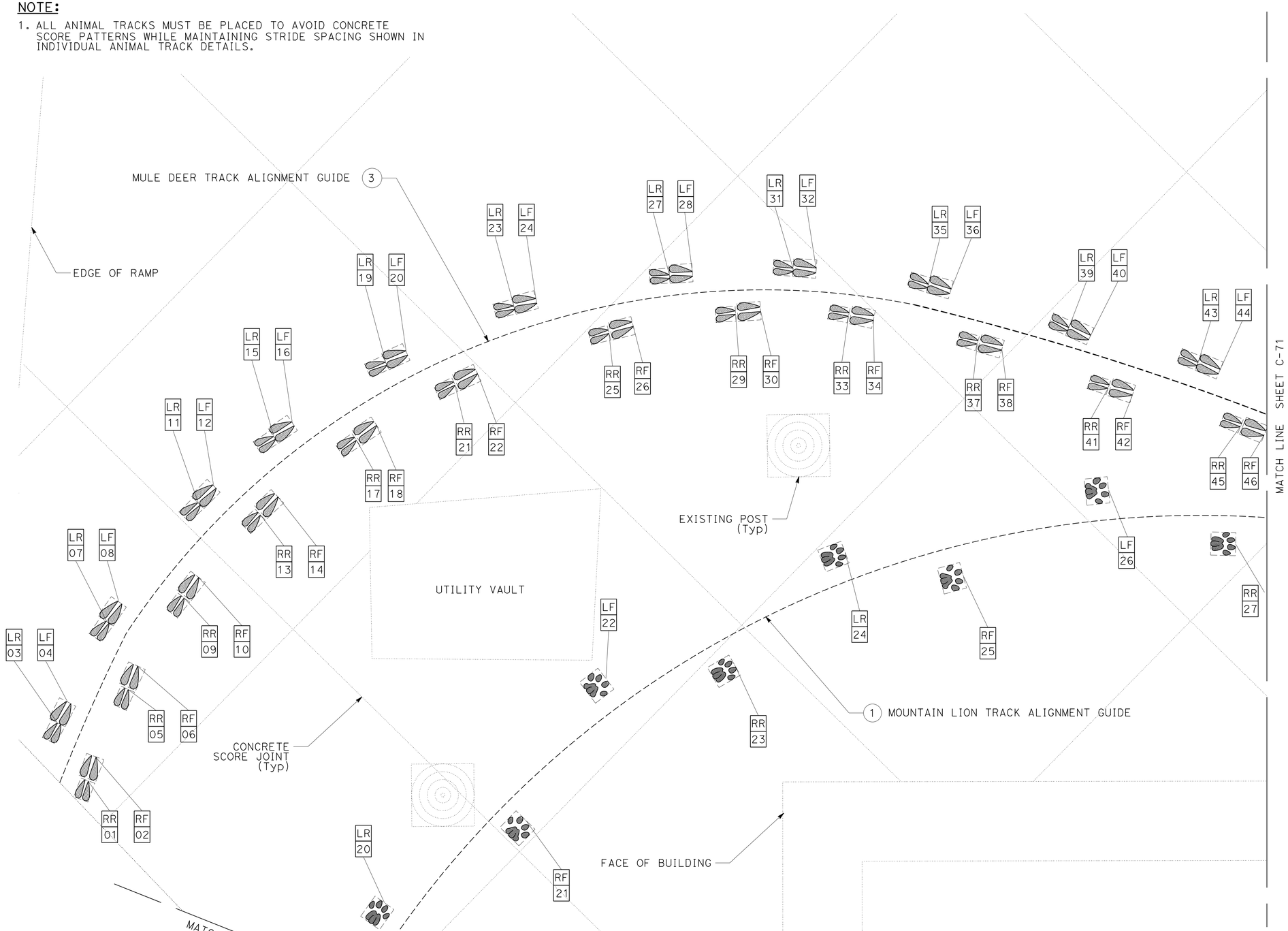

STAMPED ANIMAL TRACK PLACEMENT LOCATION 4

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-70

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:23

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ga070.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	90	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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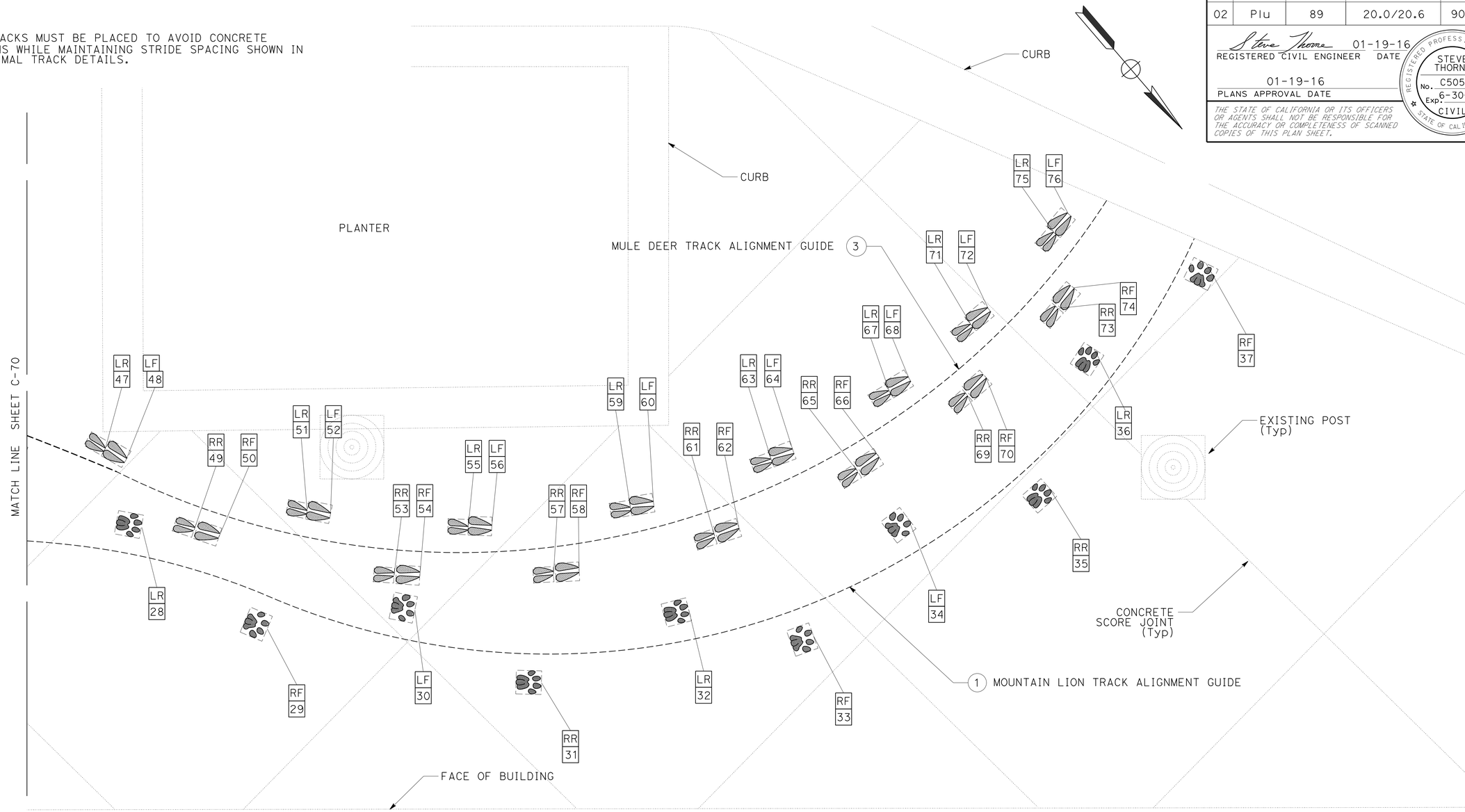

STAMPED ANIMAL TRACK PLACEMENT
LOCATION 4

CONSTRUCTION DETAILS
ANIMAL TRACKS
NO SCALE

C-71

REVISED BY	DATE REVISED
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CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	STEVE THORNE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	91	235

Steve Thorne 01-19-16
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01-19-16
PLANS APPROVAL DATE

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STEVE THORNE
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STATE OF CALIFORNIA

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ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
1	C-55	BOBCAT 1	LR	1	A	34+57.26	25.98	L+
			RR	2	A	34+58.05	25.89	L+
			LF	3	A	34+58.06	26.60	L+
			RF	4	A	34+58.81	26.43	L+
			LR	5	A	34+58.93	27.19	L+
			RR	6	A	34+59.71	27.03	L+
			LF	7	A	34+59.81	27.67	L+
			RF	8	A	34+60.54	27.39	L+
			LR	9	A	34+60.77	28.12	L+
			RR	10	A	34+61.49	27.79	L+
			LF	11	A	34+61.71	28.47	L+
			RF	12	A	34+62.34	28.08	L+
			LR	13	A	34+62.72	28.78	L+
			RR	14	A	34+63.37	28.35	L+
			LF	15	A	34+63.68	28.99	L+
			RF	16	A	34+64.39	28.54	L+
			LR	17	A	34+64.65	29.14	L+
			RR	18	A	34+65.24	28.63	L+
			LF	19	A	34+65.63	29.22	L+
			RF	20	A	34+66.14	28.67	L+
			LR	21	A	34+66.61	29.24	L+
			RR	22	A	34+67.08	28.65	L+
			LF	23	A	34+67.59	29.18	L+
			RF	24	A	34+67.97	28.57	L+
			LR	25	A	34+68.56	29.06	L+
			RR	26	A	34+68.90	28.42	L+
			LF	27	A	34+69.53	28.87	L+
			RF	28	A	34+69.80	28.22	L+
			LR	29	A	34+70.47	28.62	L+
			RR	30	A	34+70.69	27.95	L+
			LF	31	A	34+71.40	28.29	L+
			RF	32	A	34+71.60	27.61	L+
			LR	33	A	34+72.30	27.92	L+
			RR	34	A	34+72.49	27.19	L+
			LF	35	A	34+73.24	27.43	L+
			RF	36	A	34+73.34	26.72	L+
			LR	37	A	34+74.15	26.89	L+
			RR	38	A	34+74.17	26.18	L+
			LF	39	A	34+74.95	26.27	L+
			RF	40	A	34+75.01	25.60	L+

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
1	C-56	BOBCAT 1	LR	41	A	34+75.84	25.60	L+
			LF	42	A	34+79.35	23.84	L+
			RR	43	A	34+79.84	23.15	L+
			LR	44	A	34+80.38	23.63	L+
			RF	45	A	34+80.81	23.01	L+
			LF	46	A	34+81.49	23.54	L+
			RR	47	A	34+81.90	22.97	L+
			LR	48	A	34+82.43	23.57	L+
			RF	49	A	34+82.99	23.06	L+
			LF	50	A	34+83.50	23.71	L+
			RR	51	A	34+84.06	23.24	L+
			LR	52	A	34+84.40	23.93	L+
			RF	53	A	34+85.11	23.55	L+
			LF	54	A	34+85.48	24.31	L+
			RR	55	A	34+86.12	23.96	L+
			LR	56	A	34+86.39	24.75	L+
			RF	57	A	34+87.08	24.48	L+
			LF	58	A	34+87.24	25.30	L+
			RR	59	A	34+87.97	25.11	L+
			LR	60	A	34+88.04	25.91	L+
			RF	61	A	34+88.77	25.85	L+
			LF	62	A	34+88.79	26.62	L+
			RR	63	A	34+89.40	26.63	L+
			LR	64	A	34+89.54	27.40	L+
			RF	65	A	34+90.06	27.42	L+
			LF	66	A	34+90.13	28.17	L+
			RR	67	A	34+90.82	28.11	L+
			LR	68	A	34+90.83	28.85	L+
			RF	69	A	34+91.59	28.71	L+
			LF	70	A	34+91.66	29.41	L+
			RR	71	A	34+92.45	29.17	L+
			LR	72	A	34+92.59	29.86	L+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-72

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	92	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
1	C-57	BOBCAT 2	LR	1	M	6101+7.87	33.82	R+
			RF	2	M	6101+7.24	33.29	R+
			LF	3	M	6101+6.83	33.89	R+
			RR	4	M	6101+6.25	33.40	R+
			LR	5	M	6101+5.95	34.04	R+
			RF	6	M	6101+5.33	33.61	R+
			LF	7	M	6101+5.04	34.26	R+
			RR	8	M	6101+4.37	33.88	R+
			LR	9	M	6101+4.19	34.56	R+
			RF	10	M	6101+3.50	34.25	R+
			LF	11	M	6101+3.33	34.93	R+
			RR	12	M	6101+2.56	34.65	R+
			LR	13	M	6101+2.55	35.37	R+
			RF	14	M	6101+1.85	35.15	R+
			LF	15	M	6101+1.76	35.89	R+
			RR	16	M	6101+1.12	35.72	R+
			LR	17	M	6101+1.08	36.49	R+
			RF	18	M	6101+0.44	36.30	R+
			LF	19	M	6101+0.43	37.16	R+
			RR	20	M	6100+99.84	36.96	R+
			LR	21	M	6100+99.74	37.78	R+
			RF	22	M	6100+99.23	37.80	R+
			LF	23	M	6100+99.06	38.53	R+
			RR	24	M	6100+98.79	38.55	R+
			LR	25	M	6100+98.54	39.27	R+
			RF	26	M	6100+98.39	39.54	R+
			LF	27	M	6100+98.10	40.04	R+
			RR	28	M	6100+98.07	40.24	R+
			LR	29	M	6100+97.80	40.85	R+
			RF	30	M	6100+97.68	41.02	R+
			LF	31	M	6100+97.61	41.67	R+
			RR	32	M	6100+97.47	41.90	R+
			LR	33	M	6100+97.42	42.51	R+
			RF	34	M	6100+97.41	42.79	R+
			LF	35	M	6100+97.37	43.37	R+
			RR	36	M	6100+97.13	43.72	R+
			LR	37	M	6100+96.96	44.24	R+
			RF	38	M	6100+96.85	44.62	R+
			LF	39	M	6100+96.83	45.10	R+

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
1	C-58	BLACK BEAR 1	R	1	M	6100+92.64	42.95	R+
			L	2	M	6100+91.99	40.01	R+
			R	3	M	6100+94.95	36.74	R+
			L	4	M	6100+89.58	34.63	R+
1	C-59	MULE DEER 1	RR	1	M	6100+80.04	44.72	R+
			RF	2	M	6100+80.02	44.41	R+
			LR	3	M	6100+79.60	44.17	R+
			LF	4	M	6100+79.43	43.89	R+
			RR	5	M	6100+79.35	43.05	R+
			RF	6	M	6100+79.28	42.79	R+
			LR	7	M	6100+78.50	42.57	R+
			LF	8	M	6100+78.28	42.38	R+
			RR	9	M	6100+78.07	41.68	R+
			RF	10	M	6100+77.76	41.59	R+
			LR	11	M	6100+77.02	42.04	R+
			LF	12	M	6100+76.73	41.99	R+
			RR	13	M	6100+76.25	41.35	R+
			RF	14	M	6100+75.94	41.28	R+
			LR	15	M	6100+75.16	41.55	R+
			LF	16	M	6100+74.92	41.39	R+
			RR	17	M	6100+74.88	40.44	R+
			RF	18	M	6100+74.66	40.22	R+
			LR	19	M	6100+73.80	40.36	R+
			LF	20	M	6100+73.54	40.23	R+
			RR	21	M	6100+73.24	39.47	R+
			RF	22	M	6100+72.94	39.38	R+
			LR	23	M	6100+72.26	39.96	R+
			LF	24	M	6100+71.97	39.96	R+
			RR	25	M	6100+71.55	39.19	R+
			RF	26	M	6100+71.25	39.07	R+
			LR	27	M	6100+70.68	39.47	R+
			LF	28	M	6100+70.43	39.32	R+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-73

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	93	235

Steve Thorne 01-19-16
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PLANS APPROVAL DATE

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ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
2	C-60	WILD TURKEY 1	R	1	M	6100+70.45	44.89	L+
			L	2	M	6100+71.04	44.08	L+
			R	3	M	6100+71.57	43.06	L+
			L	4	M	6100+72.56	42.38	L+
			R	5	M	6100+73.38	41.58	L+
			L	6	M	6100+74.48	41.28	L+
			R	7	M	6100+75.58	40.85	L+
			L	8	M	6100+76.70	40.93	L+
			R	9	M	6100+77.69	40.89	L+
			L	10	M	6100+78.51	41.20	L+
			R	11	M	6100+79.43	41.24	L+
			L	12	M	6100+80.22	41.55	L+
			R	13	M	6100+81.08	41.29	L+
			L	14	M	6100+81.93	41.33	L+
			R	15	M	6100+82.70	40.87	L+
2	C-61	WILD TURKEY 1	L	16	M	6100+83.53	40.69	L+
			R	17	M	6100+84.23	40.09	L+
			L	18	M	6100+85.02	39.77	L+
			R	19	M	6100+85.69	39.23	L+
			L	20	M	6100+86.83	39.07	L+
			R	21	M	6100+87.74	38.42	L+
			L	22	M	6100+88.50	38.37	L+
			R	23	M	6100+89.48	37.94	L+
			L	24	M	6100+90.70	37.92	L+
			R	25	M	6100+91.86	37.64	L+
			L	26	M	6100+92.87	37.86	L+
			R	27	M	6100+94.04	37.68	L+
			L	28	M	6100+95.08	37.95	L+
			R	29	M	6100+96.29	38.02	L+
			L	30	M	6100+97.18	38.47	L+
			R	31	M	6100+98.13	38.43	L+
			L	32	M	6100+99.17	38.60	L+
			R	33	M	6101+00.14	38.41	L+
			L	34	M	6101+01.17	38.51	L+

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
2	C-62	WILD TURKEY 1	R	35	M	6101+07.08	35.97	L+
			L	36	M	6101+06.51	36.56	L+
			R	37	M	6101+05.49	36.90	L+
			L	38	M	6101+04.83	37.45	L+
			R	39	M	6101+03.92	37.65	L+
			L	40	M	6101+03.05	38.07	L+
			R	41	M	6101+02.10	38.13	L+
2	C-61	BLACK BEAR 2	L	6	M	6100+84.45	33.48	L+
			R	5	M	6100+86.33	35.93	L+
			L	4	M	6100+89.13	36.49	L+
			R	3	M	6100+91.77	38.40	L+
			L	2	M	6100+94.00	39.97	L+
			R	1	M	6100+94.85	43.02	L+
2	C-61	BLACK BEAR 3	L	14	M	6100+95.57	44.28	L+
			R	13	M	6100+97.21	41.98	L+
			L	12	M	6101+00.09	41.51	L+
2	C-62	BLACK BEAR 3	R	11	A	35+70.88	37.60	L+
			L	10	A	35+69.45	34.65	L+
			R	9	A	35+70.99	31.78	L+
			L	8	A	35+73.54	29.94	L+
			R	7	A	35+76.88	30.83	L+
			L	6	A	35+80.45	29.89	L+
2	C-63	BLACK BEAR 3	R	5	A	35+84.26	28.55	L+
			L	4	A	35+87.82	28.60	L+
			R	3	A	35+90.82	27.99	L+
			L	2	A	35+92.87	25.96	L+
			R	1	A	35+95.28	25.50	L+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-74

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	94	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 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.

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
3	C-64	WILD TURKEY 2	R	40	A	34+56.72	30.36	R+
			L	39	A	34+57.50	29.25	R+
			R	38	A	34+58.55	28.57	R+
			L	37	A	34+59.46	27.75	R+
			R	36	A	34+60.19	27.56	R+
			L	35	A	34+61.06	26.85	R+
			R	34	A	34+62.25	26.59	R+
			L	33	A	34+63.23	26.16	R+
			R	32	A	34+64.10	26.16	R+
			L	31	A	34+64.92	25.82	R+
			R	30	A	34+65.81	26.02	R+
			L	29	A	34+66.72	25.76	R+
			R	28	A	34+67.49	25.95	R+
			L	27	A	34+68.52	25.97	R+
			R	26	A	34+69.34	26.31	R+
			L	25	A	34+70.13	26.35	R+
			R	24	A	34+70.97	26.79	R+
			L	23	A	34+71.97	27.08	R+
			R	22	A	34+72.83	27.81	R+
			L	21	A	34+73.80	28.18	R+
3	C-65	WILD TURKEY 2	R	20	A	34+74.66	28.84	R+
			L	19	A	34+75.71	29.02	R+
			R	18	A	34+76.67	29.45	R+
			L	17	A	34+77.64	29.43	R+
			R	16	A	34+78.41	29.61	R+
			L	15	A	34+79.44	29.42	R+
			R	14	A	34+80.58	29.37	R+
			L	13	A	34+81.60	28.81	R+
			R	12	A	34+82.60	28.64	R+
			L	11	A	34+83.07	27.66	R+
			R	10	A	34+84.16	27.18	R+
			L	9	A	34+85.05	26.61	R+
			R	8	A	34+85.87	26.59	R+
			L	7	A	34+86.71	26.35	R+
			R	6	A	34+87.61	26.69	R+
			L	5	A	34+88.52	26.41	R+
			R	4	A	34+89.08	27.09	R+
			L	3	A	34+90.08	27.22	R+
			R	2	A	34+91.80	28.08	R+
			L	1	A	34+91.95	28.31	R+
3	C-66	BOBCAT 3	LF	47	M	6101+73.02	32.81	R+
			RR	46	M	6101+73.48	32.27	R+
			LR	45	M	6101+73.67	32.85	R+
			RF	44	M	6101+74.24	32.34	R+
			LF	43	M	6101+74.71	32.96	R+
			RR	42	M	6101+75.21	32.49	R+
			LR	41	M	6101+75.50	33.13	R+
			RF	40	M	6101+76.02	32.67	R+
			LF	39	M	6101+76.40	33.37	R+
			RR	38	M	6101+76.95	32.98	R+

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
3	C-66	BOBCAT 3	LR	37	M	6101+77.13	33.65	R+
			RF	36	M	6101+77.69	33.28	R+
			LF	35	M	6101+77.84	33.97	R+
			RR	34	M	6101+78.49	33.72	R+
			LR	33	M	6101+78.57	34.34	R+
			RF	32	M	6101+79.33	34.88	R+
			LF	31	M	6101+79.38	34.21	R+
			RR	30	M	6101+80.13	35.48	R+
			LR	29	M	6101+80.17	34.79	R+
			RF	28	M	6101+80.42	35.4	R+
			LF	27	M	6101+80.90	36.23	R+
			RR	26	M	6101+81.48	36.03	R+
			LR	25	M	6101+81.57	36.95	R+
			RF	24	M	6101+82.14	36.65	R+
			LF	23	M	6101+82.35	37.3	R+
			RR	22	M	6101+82.81	37.05	R+
			LR	21	M	6101+83.13	37.76	R+
			RF	20	M	6101+83.62	37.3	R+
			LF	19	M	6101+84.08	37.92	R+
			RR	18	M	6101+84.54	37.37	R+
			LR	17	M	6101+85.19	37.87	R+
			RF	16	M	6101+85.30	37.24	R+
3	C-67	BOBCAT 3	LF	15	M	6101+86.05	36.96	R+
			RR	14	M	6101+86.05	37.59	R+
			LR	13	M	6101+86.65	36.56	R+
			RF	12	M	6101+86.66	37.23	R+
			LF	11	M	6101+87.21	35.93	R+
			RR	10	M	6101+87.36	36.69	R+
			LR	9	M	6101+87.62	35.28	R+
			RF	8	M	6101+87.89	35.98	R+
			LF	7	M	6101+88.17	34.4	R+
			RR	6	M	6101+88.23	35.14	R+
			LR	5	M	6101+88.85	34.51	R+
			RF	4	M	6101+88.92	33.76	R+
			LF	3	M	6101+89.58	34.07	R+
			RR	2	M	6101+89.75	33.4	R+
			LR	1	M	6101+90.29	33.87	R+
3	C-66	BLACK BEAR 4	L	1	M	6101+76.10	35.58	R+
			R	2	M	6101+78.44	36.98	R+
			L	3	M	6101+80.93	38.60	R+
			R	4	M	6101+82.18	40.92	R+
			L	5	M	6101+84.59	42.65	R+
					M			
3	C-67	BLACK BEAR 4	R	6	M	6101+87.22	44.03	R+
			L	7	M	6101+89.93	43.56	R+
			R	8	M	6101+92.74	43.73	R+
			L	9	M	6101+95.48	44.25	R+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-75

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	95	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
4	C-68	MOUNTAIN LION 1	RF	1	M	6102+03.23	41.07	L+
			LF	2	M	6102+01.26	41.16	L+
			RR	3	M	6101+99.75	42.43	L+
			LR	4	M	6101+98.20	42.02	L+
			RF	5	M	6101+96.30	42.96	L+
			LF	6	M	6101+95.00	42.19	L+
			RR	7	M	6101+92.85	42.66	L+
			LR	8	M	6101+91.54	41.64	L+
			RF	9	M	6101+89.47	41.74	L+
			LF	10	M	6101+88.32	40.44	L+
4	C-69	MOUNTAIN LION 1	RR	11	M	6101+86.31	40.20	L+
			LR	12	M	6101+85.20	38.88	L+
			RF	13	M	6101+83.29	38.67	L+
			LF	14	M	6101+81.93	37.54	L+
			RR	15	M	6101+79.86	38.01	L+
			LR	16	M	6101+78.55	37.33	L+
			RF	17	M	6101+76.65	38.32	L+
			LF	18	M	6101+74.88	38.07	L+
			RR	19	M	6101+73.56	39.47	L+
4	C-70	MOUNTAIN LION 1	LR	20	A	35+68.96	31.21	R+
			RF	21	A	35+70.74	30.16	R+
			LF	22	A	35+71.75	28.38	R+
			RR	23	A	35+73.37	28.21	R+
			LR	24	A	35+74.77	26.79	R+
			RF	25	A	35+76.25	27.08	R+
			LF	26	A	35+78.09	26.00	R+
			RR	27	A	35+79.69	26.69	R+
								R+
4	C-71	MOUNTAIN LION 1	LR	28	A	35+81.49	26.18	R+
			RF	29	A	35+83.05	27.44	R+
			LF	30	A	35+84.87	27.21	R+
			RR	31	A	35+86.43	28.10	R+
			LR	32	A	35+88.25	27.20	R+
			RF	33	A	35+89.79	27.52	R+
			LF	34	A	35+90.95	26.07	R+
			RR	35	A	35+92.69	25.69	R+
			LR	36	A	35+93.25	23.98	R+
			RF	37	A	35+94.63	22.93	R+
4	C-69	WILD TURKEY 3	R	1	M	6101+73.59	36.74	L+
			L	2	M	6101+74.01	37.47	L+
			R	3	M	6101+74.72	37.88	L+
			L	4	M	6101+75.22	38.78	L+
			R	5	M	6101+75.93	39.19	L+
			L	6	M	6101+76.54	39.89	L+
			R	7	M	6101+77.40	40.21	L+
			L	8	M	6101+78.09	40.80	L+
			R	9	M	6101+79.02	41.10	L+
			L	10	M	6101+79.75	41.66	L+
			R	11	M	6101+80.56	42.05	L+
			L	12	M	6101+81.09	42.80	L+
			R	13	M	6101+81.73	43.40	L+
			L	14	M	6101+82.07	44.28	L+

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
4	C-68	MULE DEER 2	LR	1	M	6202+02.88	42.71	L+
			LF	2	M	6202+02.59	42.71	L+
			RR	3	M	6202+02.08	43.78	L+
			RF	4	M	6202+01.76	43.37	L+
			LR	5	M	6202+01.22	42.78	L+
			LF	6	M	6202+00.93	42.77	L+
			RR	7	M	6202+00.22	43.38	L+
			RF	8	M	6101+99.90	43.37	L+
			LR	9	M	6101+99.54	42.73	L+
			LF	10	M	6101+99.25	42.71	L+
			RR	11	M	6101+98.57	43.28	L+
			RF	12	M	6101+98.25	43.24	L+
			LR	13	M	6101+97.75	42.57	L+
			LF	14	M	6101+97.47	42.53	L+
			RR	15	M	6101+97.00	43.06	L+
			RF	16	M	6101+96.69	43.00	L+
			LR	17	M	6101+96.34	42.33	L+
			LF	18	M	6101+96.06	42.27	L+
			RR	19	M	6101+95.51	42.80	L+
			RF	20	M	6101+95.20	42.71	L+
			LR	21	M	6101+94.68	41.96	L+
			LF	22	M	6101+94.40	41.89	L+
			RR	23	M	6101+93.75	42.34	L+
			RF	24	M	6101+93.45	42.23	L+
			LR	25	M	6101+93.12	41.49	L+
			LF	26	M	6101+92.84	41.41	L+
			RR	27	M	6101+92.20	41.84	L+
			RF	28	M	6101+91.93	41.71	L+
			LR	29	M	6101+91.56	40.94	L+
			LF	30	M	6101+91.29	40.81	L+
			RR	31	M	6101+90.74	41.24	L+
			RF	32	M	6101+90.46	41.09	L+
			LR	33	M	6101+90.30	40.36	L+
			LF	34	M	6101+90.04	40.23	L+
			RR	35	M	6101+89.54	40.68	L+
			RF	36	M	6101+89.26	40.52	L+
			LR	37	M	6101+89.04	39.72	L+
			LF	38	M	6101+88.79	39.58	L+
			RR	39	M	6101+88.04	39.87	L+
			RF	40	M	6101+87.77	39.70	L+
			LR	41	M	6101+87.64	38.91	L+
			LF	42	M	6101+87.39	38.77	L+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-76

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: STEVE THORNE
Caltrans DESIGN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	96	235

Steve Thorne 01-19-16
REGISTERED CIVIL ENGINEER DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEVE THORNE
No. C50509
Exp. 6-30-17
CIVIL
STATE OF CALIFORNIA

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ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
4	C-69	MULE DEER 2	RR	43	M	6101+86.75	39.06	L+
			RF	44	M	6101+86.49	38.88	L+
			LR	45	M	6101+86.41	38.14	L+
			LF	46	M	6101+86.15	38.00	L+
			RR	47	M	6101+85.32	38.22	L+
			RF	48	M	6101+85.06	38.05	L+
			LR	49	M	6101+84.83	37.26	L+
			LF	50	M	6101+84.58	37.11	L+
			RR	51	M	6101+83.86	37.50	L+
			RF	52	M	6101+83.62	36.66	L+
			LR	53	M	6101+83.58	37.35	L+
			LF	54	M	6101+83.35	36.56	L+
			RR	55	M	6101+82.95	37.09	L+
			RF	56	M	6101+82.67	36.95	L+
			LR	57	M	6101+82.59	36.29	L+
			LF	58	M	6101+82.32	36.19	L+
			RR	59	M	6101+81.40	36.53	L+
			RF	60	M	6101+81.11	36.42	L+
			LR	61	M	6101+80.94	35.75	L+
			LF	62	M	6101+80.66	35.67	L+
			RR	63	M	6101+79.84	36.09	L+
			RF	64	M	6101+79.54	36.00	L+
			LR	65	M	6101+78.95	35.25	L+
			LF	66	M	6101+78.67	35.19	L+
			RR	67	M	6101+78.00	35.70	L+
			RF	68	M	6101+77.69	35.63	L+
			LR	69	M	6101+77.22	34.97	L+
			LF	70	M	6101+76.93	34.91	L+
			RR	71	M	6101+76.07	35.46	L+
			RF	72	M	6101+75.75	35.42	L+
			LR	73	M	6101+75.32	34.77	L+
			LF	74	M	6101+75.03	34.75	L+
			RR	75	M	6101+74.37	35.39	L+
			RF	76		6101+74.06	35.36	L+
4	C-70	MULE DEER 3	RR	1	A	35+65.22	29.67	R+
			RF	2	A	35+65.32	29.36	R+
			LR	3	A	35+64.85	28.94	R+
			LF	4	A	35+64.97	28.68	R+
			RR	5	A	35+65.72	28.51	R+
			RF	6	A	35+65.84	28.22	R+
			LR	7	A	35+65.46	27.66	R+
			LF	8	A	35+65.61	27.41	R+
			RR	9	A	35+66.43	27.36	R+
			RF	10	A	35+66.61	27.10	R+
			LR	11	A	35+66.61	26.17	R+
			LF	12	A	35+66.81	25.95	R+
			RR	13	A	35+67.39	26.31	R+
			RF	14	A	35+67.57	25.34	R+
			LR	15	A	35+67.61	26.08	R+
			LF	16	A	35+67.80	25.16	R+
			RR	17	A	35+68.60	25.37	R+
			RF	18	A	35+68.86	25.18	R+
			LR	19	A	35+68.98	24.40	R+
			LF	20	A	35+69.23	24.27	R+
			RR	21	A	35+69.85	24.68	R+
			RF	22	A	35+70.13	24.53	R+
			LR	23	A	35+70.60	23.70	R+
			LF	24	A	35+70.87	23.61	R+
			RR	25	A	35+71.79	24.02	R+
			RF	26	A	35+72.09	23.93	R+
			LR	27	A	35+72.55	23.30	R+
			LF	28	A	35+72.84	23.27	R+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-77

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STEVE THORNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN

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LAST REVISION 01-19-16 | DATE PLOTTED => 18-FEB-2016 | TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	97	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER STEVE THORNE No. C50509 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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NOTE:

1. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

ANIMAL TRACK PLACEMENT SCHEDULE

LOCATION	SHEET	TRACK ALIGNMENT	TRACK STAMP	TRACK No.	LINE	STATION	OFFSET (FT)	L+/R+
4	C-70	MULE DEER 3	RR	29	A	35+73.39	23.78	R+
			RF	30	A	35+73.70	23.75	R+
			LR	31	A	35+74.11	23.22	R+
			LF	32	A	35+74.40	23.22	R+
			RR	33	A	35+74.81	23.81	R+
			RF	34	A	35+75.12	23.86	R+
			LR	35	A	35+75.82	23.42	R+
			LF	36	A	35+76.10	23.49	R+
			RR	37	A	35+76.43	24.16	R+
			RF	38	A	35+76.74	24.23	R+
			LR	39	A	35+77.58	23.97	R+
			LF	40	A	35+77.86	24.07	R+
			RR	41	A	35+78.08	24.71	R+
			RF	42	A	35+78.39	24.80	R+
			LR	43	A	35+79.21	24.41	R+
			LF	44	A	35+79.49	24.50	R+
			RR	45	A	35+79.75	25.20	R+
			RF	46	A	35+80.05	25.31	R+
4	C-71	MULE DEER 3	LR	47	A	35+81.05	25.22	R+
			LF	48	A	35+81.31	25.35	R+
			RR	49	A	35+82.14	26.23	R+
			RF	50	A	35+82.45	26.31	R+
			LR	51	A	35+83.54	25.99	R+
			LF	52	A	35+83.83	26.03	R+
			RR	53	A	35+84.61	26.78	R+
			RF	54	A	35+84.93	26.79	R+
			LR	55	A	35+85.53	26.18	R+
			LF	56	A	35+85.82	26.18	R+
			RR	57	A	35+86.58	26.76	R+
			RF	58	A	35+86.90	26.73	R+
			LR	59	A	35+87.53	25.95	R+
			LF	60	A	35+87.81	25.88	R+
			RR	61	A	35+88.57	26.30	R+
			RF	62	A	35+88.87	26.19	R+
			LR	63	A	35+89.27	25.35	R+
			LF	64	A	35+89.53	25.23	R+
			RR	65	A	35+90.33	25.49	R+
			RF	66	A	35+90.59	25.31	R+
			LR	67	A	35+90.73	24.51	R+
			LF	68	A	35+90.97	24.34	R+
			RR	69	A	35+91.69	24.55	R+
			RF	70	A	35+91.92	24.33	R+
			LR	71	A	35+91.73	23.68	R+
			LF	72	A	35+91.95	23.49	R+
			RR	73	A	35+92.80	23.48	R+
			RF	74	A	35+93.00	23.23	R+
			LR	75	A	35+92.76	22.55	R+
			LF	76	A	35+92.93	22.32	R+

CONSTRUCTION DETAILS
ANIMAL TRACKS

C-78

REVISED BY | DATE REVISED
ROBIN SOLARI | LOGAN MOORE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: STEVE THORNE
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	98	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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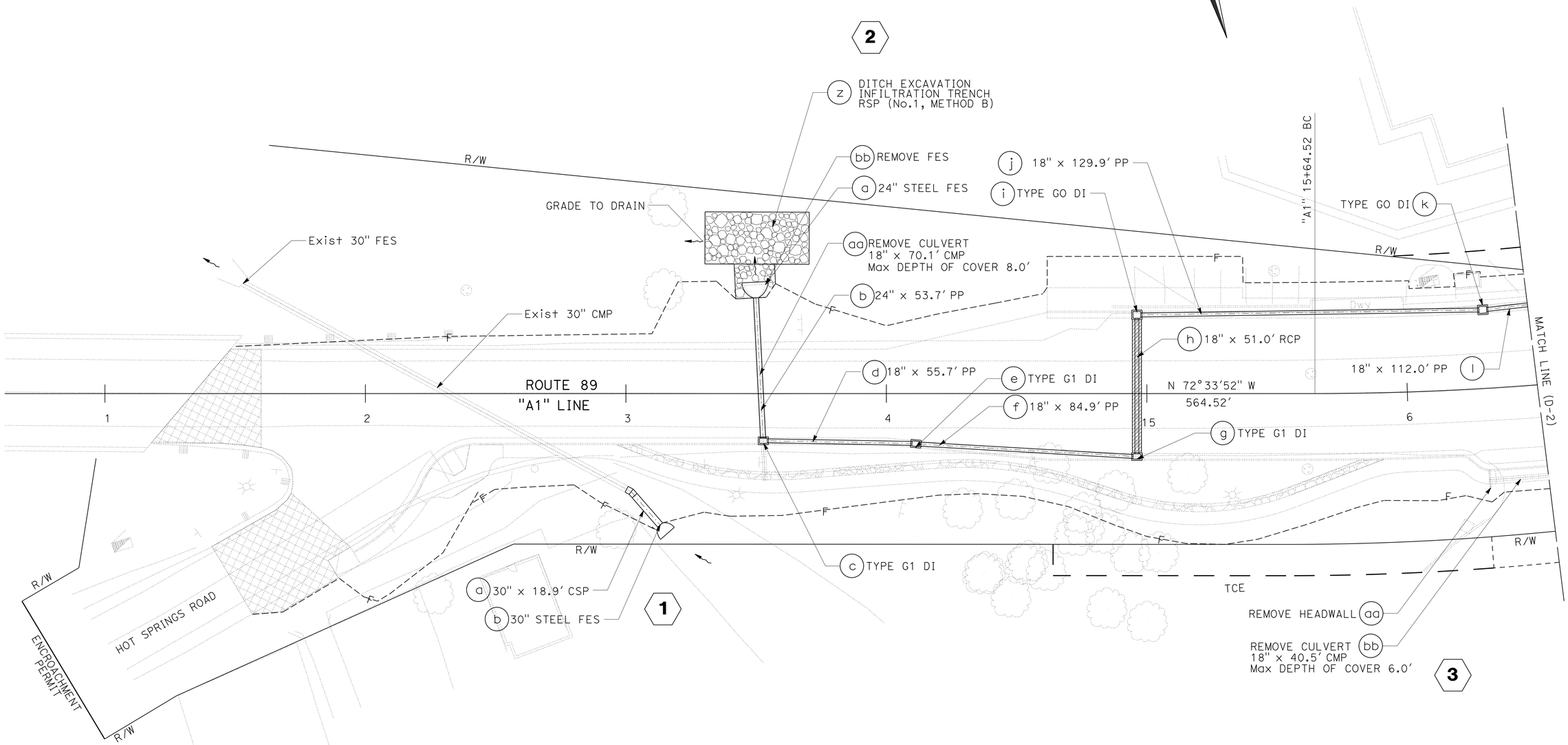
NOTE:

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

LEGEND:

CONCRETE BACKFILL



DRAINAGE PLAN

SCALE: 1" = 20'

D-1

APPROVED FOR DRAINAGE WORK ONLY

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: JEANNIE STEFFAN
CHECKED BY: SHAUN ALEXANDER

FUNCTIONAL SUPERVISOR: ERIC ORR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	99	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

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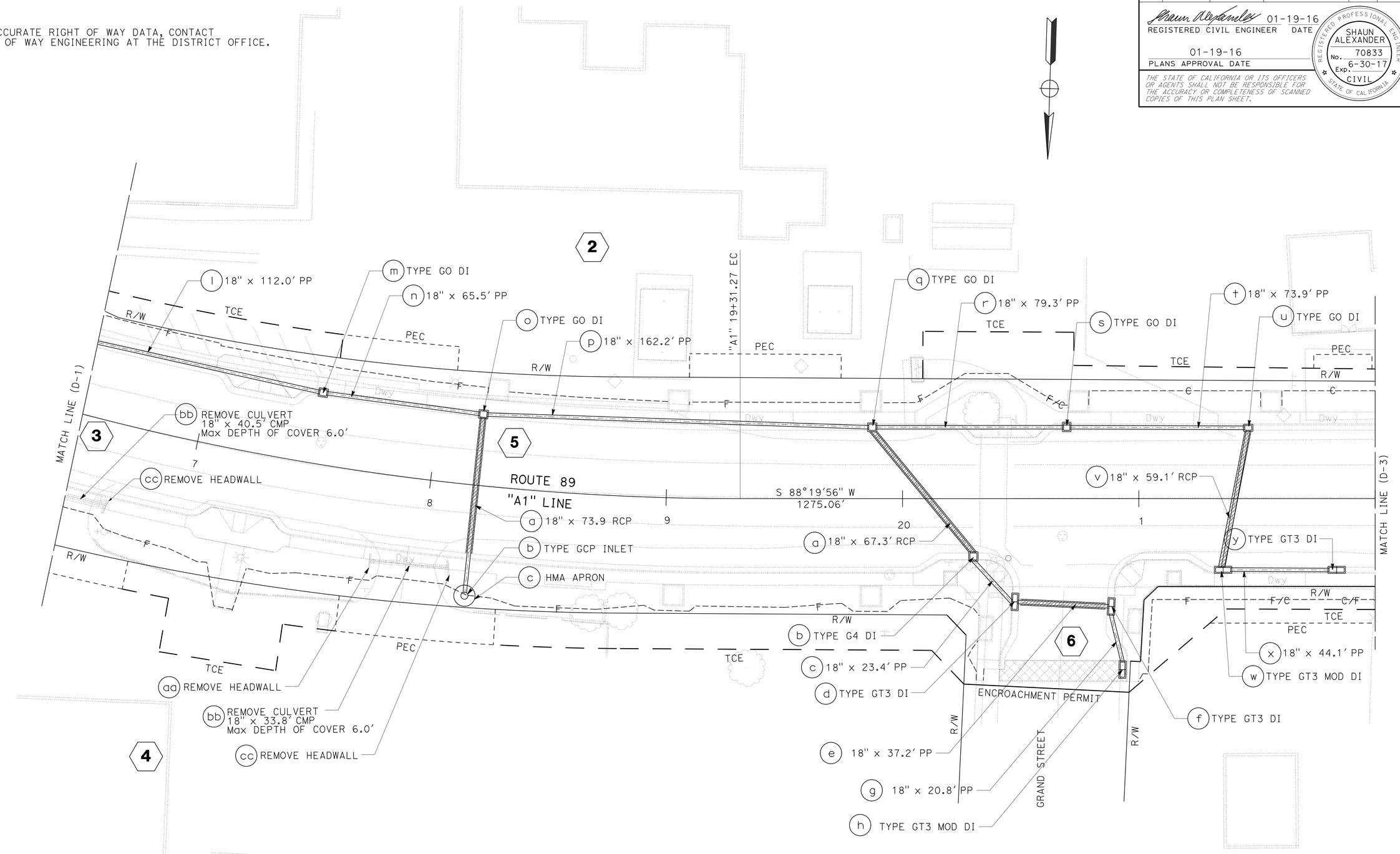

DRAINAGE PLAN

SCALE: 1" = 20'

D-2

APPROVED FOR DRAINAGE WORK ONLY

REVISED BY	DATE REVISED
JEANNIE STEFFAN	SHAUN ALEXANDER

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: ERIC ORR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 20e240ia002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0316 | PROJECT NUMBER & PHASE 02 1500 0146 1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Plu	89	20.0/20.6	100	235

REGISTERED CIVIL ENGINEER 01-19-16 DATE

01-19-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SHAUN ALEXANDER No. 70833 Exp. 6-30-17 CIVIL STATE OF CALIFORNIA

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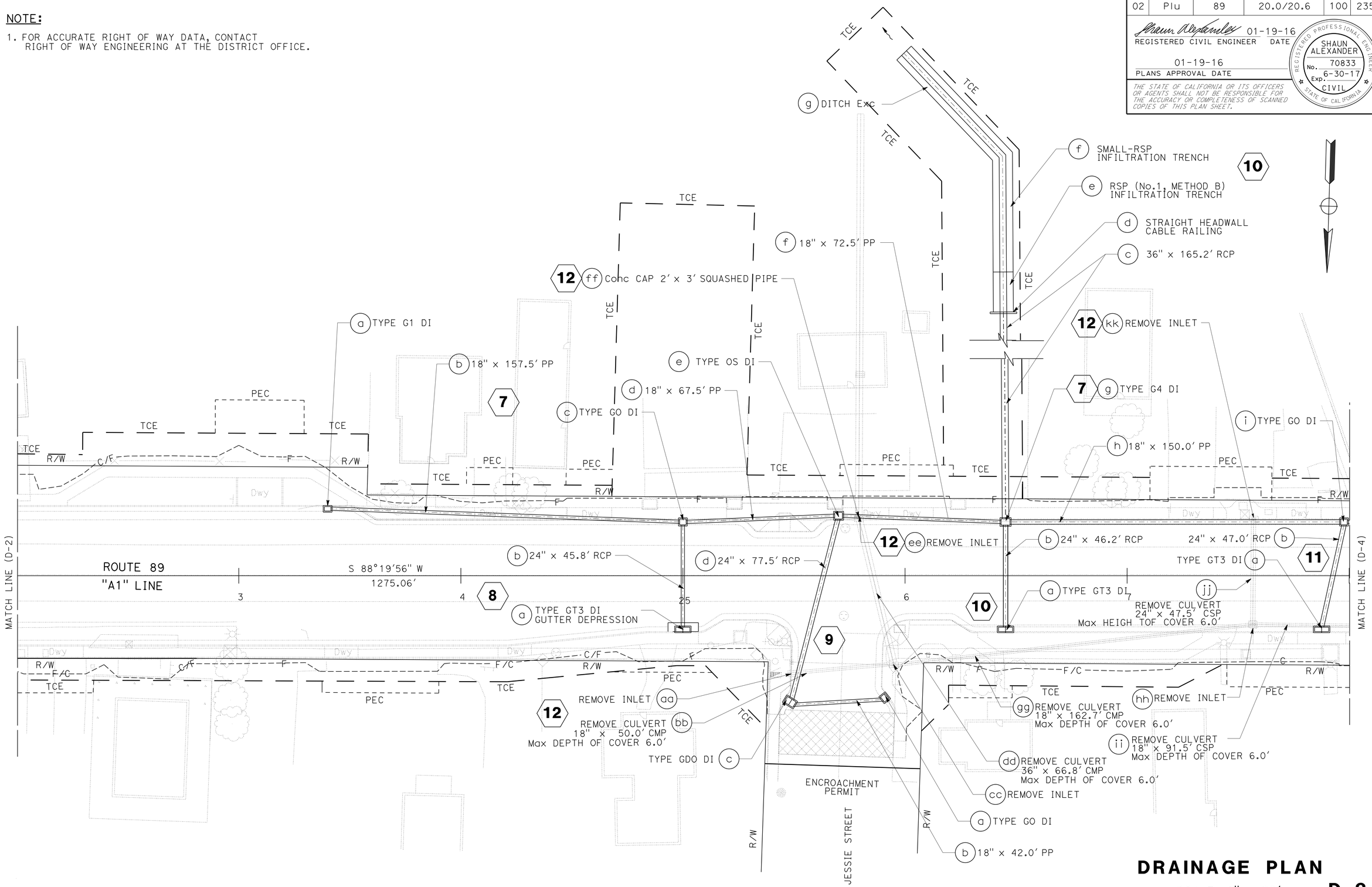

DRAINAGE PLAN

SCALE: 1" = 20'

D-3

APPROVED FOR DRAINAGE WORK ONLY

REVISED BY | DATE REVISED
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