

WARNING: ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE FOR BIDDING ON THIS PROJECT.

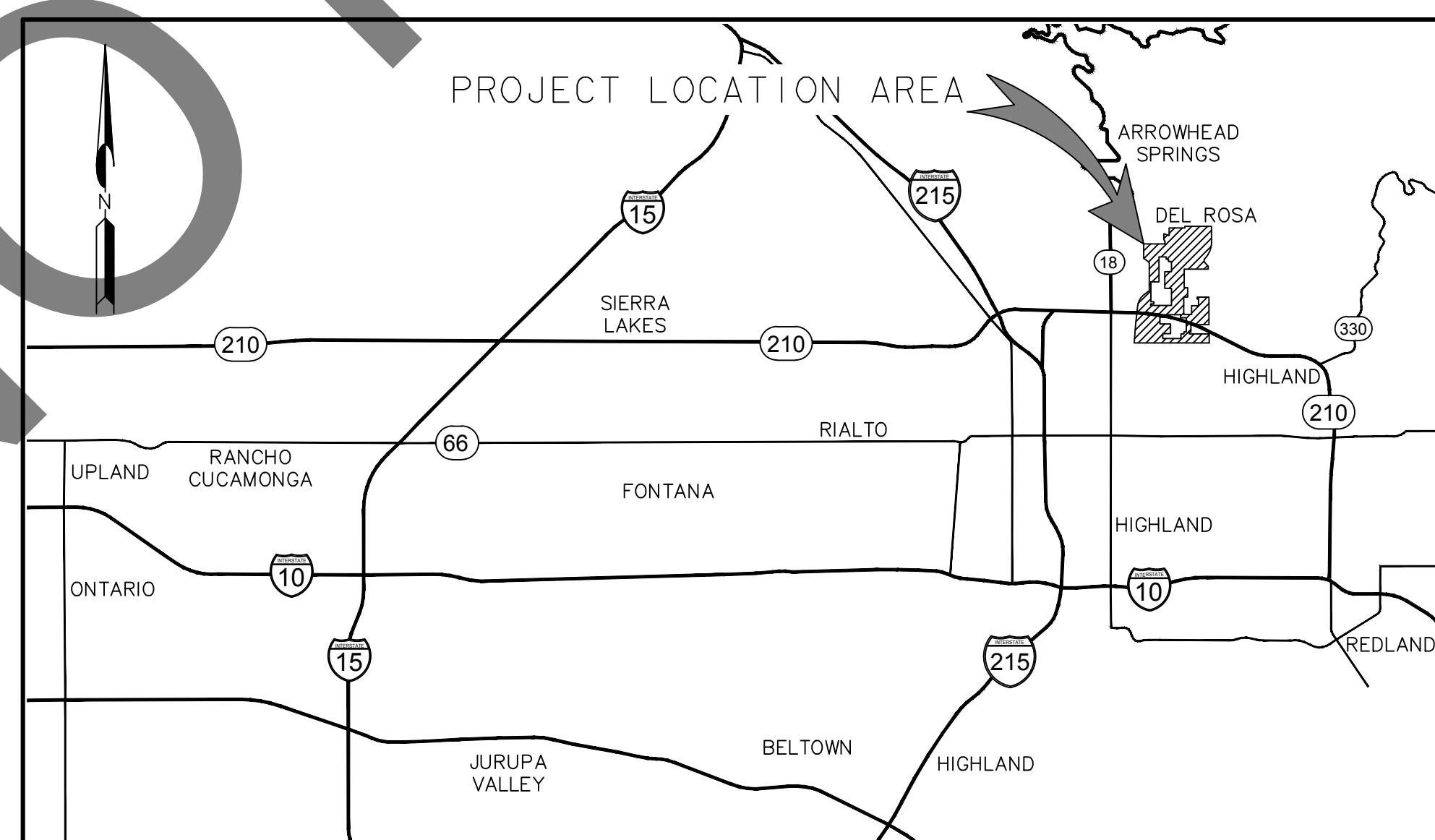
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS



TRANSPORTATION PLANS FOR SE DEL ROSA AREA ADA RAMP PROJECT VARIOUS LIMITS DEL ROSA AREA

WORK ORDER NO. H15032 NO. OF RAMPS = 40

ROAD NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-010, 553200-030, 674250-040, 674250-050, 674150-010



LOCATION MAP
NOT TO SCALE

SAN BERNARDINO COUNTY

APPROVED BY:

NOEL CASTILLO, P.E., DIRECTOR OF PUBLIC WORKS R.C.E. 78044

7/8/24
DATE

MARK		CHANGES		RESIDENT ENGINEER		DATE
		NO CHANGES				
FIELD CHANGES		SHT. NO.		TOT. SHT'S.		
		I		16		

FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-010, 553200-030, 674250-040, 674250-050, 674150-010

FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-010, 553200-030, 674250-040, 674250-050, 674150-010

SHEET INDEX

SHEET 1	TITLE SHEET	SHEET 11	SIDEWALK IMPROVEMENT DETAIL SHEET
SHEET 2	DETAIL SHEET	SHEET 12-15	ADDITIONAL SIDEWALK IMPROVEMENT SHEETS
SHEET 3-6	ADA RAMP DETAIL SHEETS	SHEET 16	CURB RAMP QUARTER DELTA DATA SHEET
SHEET 7-10	CROSS GUTTER DETAIL SHEETS		

THE FOLLOWING SPECIAL DRAWINGS AND COUNTY STANDARDS ARE ATTACHED TO THE SPECIAL PROVISIONS:

109 115 119
303 303A 303B

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS DATED 2018:

A24D A24F A85 A85A A88A
T9 T10 T13 T14

TO BE SUPPLEMENTED BY THE FOLLOWING SPPWC STANDARD PLANS DATED 2018:

111-5 112-2 606-5

TO BE SUPPLEMENTED BY THE FOLLOWING CA MUTCD PLANS DATED 2014:

FIGURE 2A-2(CA) FIGURE 3B-102(CA) FIGURE 6H-28
FIGURE 6H-29 SECTION 6D.01

ADA RAMP LIST

INDEX #	RAMP LOCATION	QUADRANT	RAMP NO.	SHEET #
1	CITRUS ST AND MCKINLEY AVE	NW & NE	1 & 2	3
2	STATON AVE AND HOLLY VISTA BLVD	NE & SE	3 & 4	3
3	CITRUS ST AND STATON AVE	NW & NE	5 & 6	3
4	HOLLY VISTA BLVD AND WADSWORTH AVE	NW & NE	7 & 8	3
5	HOLLY VISTA BLVD AND EUCALYPTUS AVE	NW & NE	9 & 10	3
6	HOLLY VISTA BLVD AND BLYTHE AVE	NW & SW	11 & 12	4
7	BLYTHE AVE AND 29TH AVE	NE & SE	13 & 14	4
8	MIRADA ST AND MIRADA CT	NW & NE	15 & 16	4
9	MIRADA ST AND MIRADA PL	NW & NE	17 & 18	4
10	MIRADA ST AND BLYTHE AVE	NW & SW	19 & 20	4
11	BLYTHE AVE AND MIRADA ST	NE & SE	21 & 22	5
12	BLYTHE AVE AND 28TH ST	NE & SE	23 & 24	5
13	BLYTHE AVE AND DATE ST	NW & NE	25 & 26	5
14	DATE ST AND EUCALYPTUS DR	SW & SE	27 & 28	5
15	28TH ST AND MCKINLEY AVE	NW & SW	29 & 30	5
16	DATE ST AND MCKINLEY AVE	NW & NE	31 & 32	6
17	DATE ST AND ORANGE KNOLL AVE	NW & NE	33 & 34	6
18	DATE ST AND STATON AVE	SW & SE	35 & 36	6
20	PUMALO ST AND PUMALO CT	NW & NE	37 & 38	6
21	PUMALO ST AND EUCALYPTUS DR	SW & SE	39 & 40	6

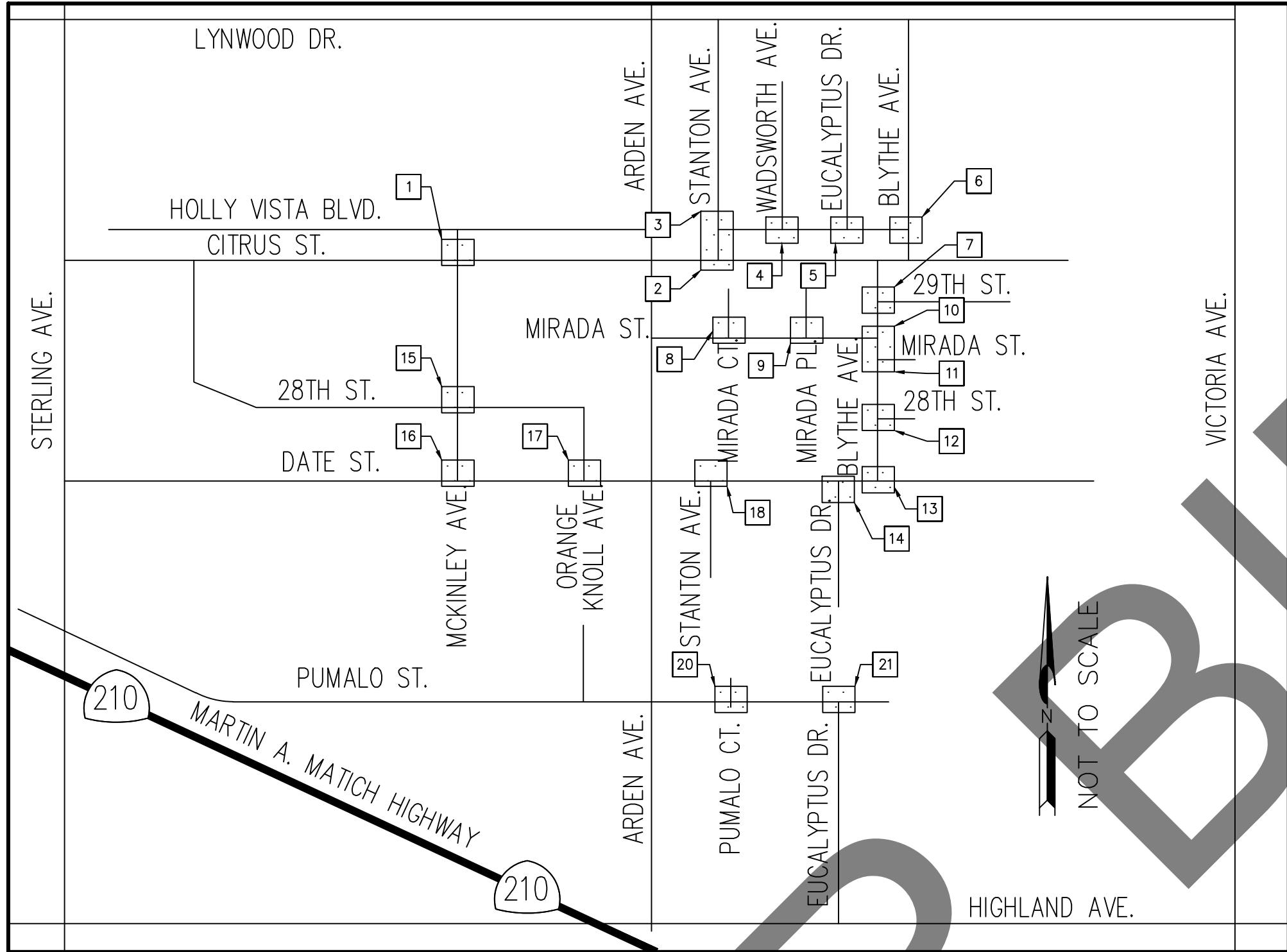
CONSTRUCTION NOTES:

- 1-PROTECT IN PLACE, ITEM PER PLAN.
- 2-REMOVE ITEM PER PLAN.
- 3-FURNISH AND INSTALL HANDRAIL PER SPPWC STD PLAN 606-4.
- 4-REMOVE AND DISPOSE EXISTING SHRUBS, TREES, AND ROOTS TO 3- FEET BELOW FINISH SURFACE.
- 5-CONSTRUCT 4-INCH THICK P.C.C. SIDEWALK OVER 90% COMPACTED NATIVE PER SAN BERNARDINO COUNTY STD PLAN NO 109 AND AS SHOWN ON PLANS.
- 6-CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STANDARD PLAN, CASE AND TYPE PER PLANS. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.
- 7-CONSTRUCT RETAINING CURB PER SPPWC STD PLAN 111-5 DETAIL D, AND AS SHOWN ON PLANS. CURB HEIGHT VARIES.
- 8-CONSTRUCT 8-INCH THICK P.C.C. 8' CROSS GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO 119.
- 9-CONSTRUCT CURB, GUTTER, AND SPANDREL PER SAN BERNARDINO COUNTY STD PLAN NO 115.
- 10-SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40' PG 64-10, TYPE A, 3/4" AGGREGATE OVER 0.70' COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
- 11-ADJUST EXISTING UTILITY TO GRADE.
- 12-CONSTRUCT FIRE HYDRANT DETAIL ON SHEET 2.
- 13-TEMPORARILY REMOVE PAVING BRICKS AND RESET PAVING BRICKS IN PLACE.
- 14-COLD PLANE EXISTING PAVEMENT MINIMUM 0.17' AND OVERLAY PAVEMENT WITH 0.17' MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.
- 15-CONSTRUCT 8-INCH P.C.C. CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO 115.
- 16-INSTALL IN KIND LANDSCAPE AND IRRIGATION.
- 17-CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STD PLAN A88A, CASE PER PLAN. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.

SIGNING AND STRIPING NOTES:

- 1-APPLY 12" WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 2-APPLY WHITE PAVEMENT "STOP" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
- 3-RELOCATE EXISTING SIGN AND/OR POST, AS SHOWN ON PLAN PER CA MUTCD 2014, FIG 2A-2(CA).
- 4-REMOVE STRIPING AND MARKING BY WET SANDBLASTING.

INDEX MAP



ROAD NUMBER LIST

STREET	ROAD #
BLYTHE AVENUE	171900-020
BLYTHE AVENUE	171900-030
MIRADA STREET	553350-010
MIRADA STREET	553350-020
TWENTY-EIGHTH STREET	831800-010
TWENTY EIGHTH STREET	831800-020
TWENTY-NINE STREET	832300-020
CITRUS STREET	240750-020
MCKINLEY AVENUE	537300-030
STANTON AVENUE	771450-020
DATE STREET	287550-020
ORANGE KNOLL AVENUE	616150-010
ORANGE KNOLL AVENUE	616150-020
EUCALYPTUS DRIVE	335050-020
EUCALYPTUS DRIVE	335050-030
EUCALYPTUS DRIVE	335050-040
HOLLY VISTA BLVD	423000-030
WADSWORTH AVENUE	863150-020
MIRADA COURT	553050-010
MIRADA PLACE	553200-030
PUMALO STREET	674250-040
PUMALO STREET	674250-050
PUMALO STREET	674150-010

ABBREVIATIONS

A.C.	ASPHALT CONCRETE	MH	MANHOLE
BCR	BEGINNING OF CURB RETURN	PB	PULLBOX
BEG.	BEGIN	N'LY	NORTHERLY
BVC	BEGIN VERTICAL CURVE	PCC	PORTLAND CEMENT CONCRETE
BX	BOTTOM OF WING	PCP	PERFORATED CONCRETE PIPE
CB	CATCH BASIN	PROP.	PROPOSED
CF	CURB FACE	PP	POWER POLE
CL	CENTERLINE	RT	RIGHT
E	ELECTRICAL	RET.	RETAINING
EA	EACH	R/W	RIGHT-OF-WAY
ECR	END OF CURB RETURN	STA.	STATION
EG.	EXISTING GROUND	SD	STORM DRAIN
ELEV	ELEVATION	S'LY	SOUTHERLY
E'LY	EASTERLY	SM	SEWER MANHOLE
EP	EDGE OF PAVEMENT	SNS	STREET NAME SIGN
EVC	END VERTICAL CURVE	SW	SIDEWALK
EX.	EXISTING	T	TELEPHONE
FH	FIRE HYDRANT	TEMP.	TEMPORARY
FL	FLOW LINE	TRANS.	TRANSITION
FS	FINISHED SURFACE	TC	TOP OF CURB
G	GAS VALVE	TH	TOP OF HEADWALL
LIP	LIP OF GUTTER	TX	TOP OF WING
LT	LEFT	W'LY	WESTERLY
MB	MAILBOX	WV	WATER VALVE
		WM	WATER METER

BASED ON A SURVEY BY:
CAL VADA SURVEYING, INC.
DATE: 09/10/2021

BASIS OF BEARINGS

THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2021.25) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE DETERMINED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING LEICA SMARTNET NORTH AMERICA (S.N.N.A.) CONTINUOUSLY OPERATING REFERENCE STATIONS (C.O.R.S.):

S.N.N.A. CABD:
NORTHING = 1861113.48' EASTING = 6778611.34'
S.N.N.A. CARV:
NORTHING = 2280695.94' EASTING = 6207753.05'

BENCHMARK

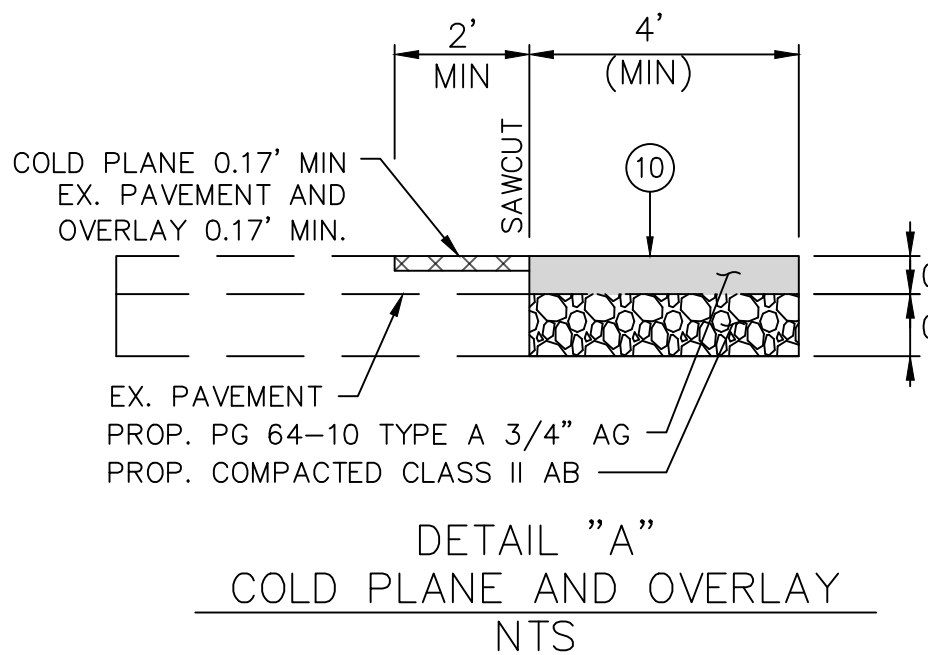
ELEVATIONS SHOWN HEREIN ARE BASED UPON CITY OF SAN BERNARDINO BENCHMARK DI-21, ELEVATION 1284.78 FEET (NAVD 88).

DESCRIPTION:
FROM SAN BERNARDINO CITY HALL AT THIRD ST & "D" ST NORTH ON "D" ST, 2.15 MI. TO HIGHLAND AVE. THEN EAST ON HIGHLAND AVE. 3.25 MI. TO ARDEN AVE. THEN NORTH ON ARDEN AVE. 0.2 MI. TO PUMALO ST.



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

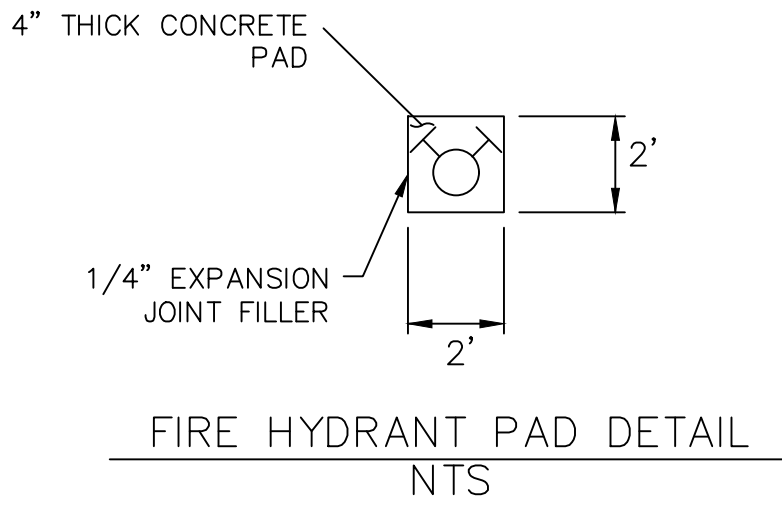


SAN BERNARDINO COUNTY TRAFFIC GENERAL NOTES

1. ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2018 STANDARD PLANS (DATED MAY 31, 2018).
3. ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
4. ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
 - A. STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - B "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - C. SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 - D. STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETROREFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
 - E. CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
5. ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
6. SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARDS 303(A) AND 303(B).
7. ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON PLANS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING, GRINDING, OR AS DIRECTED BY COUNTY REPRESENTATIVE.
8. ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
9. ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
10. ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
11. THE CONTRACTOR SHALL NOTIFY COUNTY REPRESENTATIVE TO SCHEDULE A FINAL REVIEW (WALK THROUGH) WITH TRAFFIC DIVISION PERSONNEL FOR APPROVAL OF TRAFFIC CONTROL DEVICES PRIOR TO PROJECT ACCEPTANCE.

LEGEND AND LIST

	CONSTRUCT A.C. PAVEMENT		EX. TREES/LANDSCAPE
	COLD PLANE AND OVERLAY		EX. STREET LIGHT
	COMPACTED CLASS II AB		EX. SANITARY SEWER MANHOLE
	EXISTING RIGHT-OF-WAY		EX. WATER METER
	PROPOSED RIGHT-OF-WAY		EX. SEWER METER
	CITY BOUNDARY		EX. WATER VALVE
	EXISTING SIDEWALK		EX. MAILBOX
	REMOVE EXISTING SIDEWALK		EX. FIRE HYDRANT
	PROPOSED SIDEWALK		EX. POWER POLE
	EXISTING CHAINLINK FENCE		EX. STREET SIGN
	REMOVE EXISTING CHAINLINK FENCE		REMOVE POWER POLE
	PROPOSED CHAINLINK FENCE		REMOVE TELEPHONE PEDESTAL
	EXISTING WALL		REMOVE MAIL BOX
	REMOVE EXISTING WALL		REMOVE TREES/LANDSCAPE
	EXISTING CURB & GUTTER OR DIKE		REMOVE STREET LIGHT
	REMOVE EXISTING DIKE		PROPOSED MAIL BOX
	PROPOSED DIKE		PROPOSED STREET SIGN
	EXISTING GAS LINE		
	EXISTING WATER LINE		
	EXISTING TELEPHONE LINE		
	EXISTING OVERHEAD ELECTRIC		
	EXISTING SEWER LINE		
	EXISTING STORM DRAIN LINE		
	EXISTING IRRIGATION LINE		
	EXISTING EDGE OF PAVEMENT		
	REMOVE EXISTING EDGE OF PAVEMENT		
	PROPOSED EDGE OF PAVEMENT		
	REMOVAL LIMIT / SAWCUT		
	GRADING LIMIT		
	PROPOSED HAND RAIL		
	EXISTING WOODEN FENCE		



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

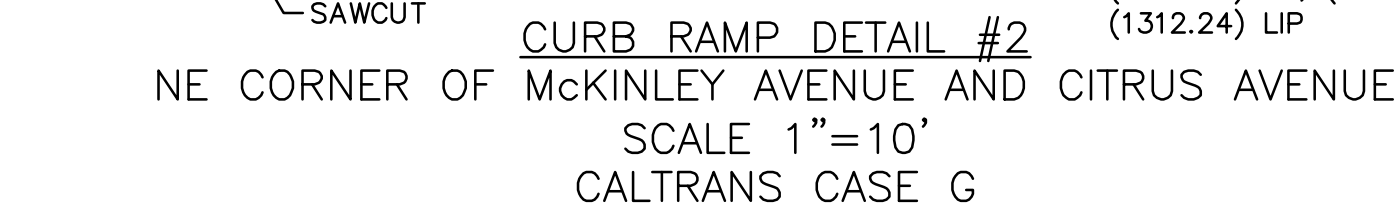
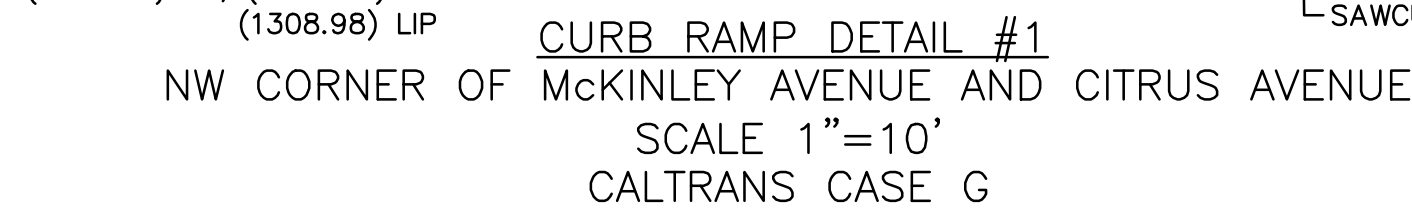
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
FR	WG	AA	Chris Nguyen, P.E., Engineering Manager
APPROVED BY:			7/5/24 DATE
KRANTHI MANNILA, P.E., Engineering Manager			
APPROVED BY:			7/8/24 DATE
MERVAT WIKHAL, P.E., Deputy Director			

SOUTHEAST DEL ROSA AREA ADA RAMPS

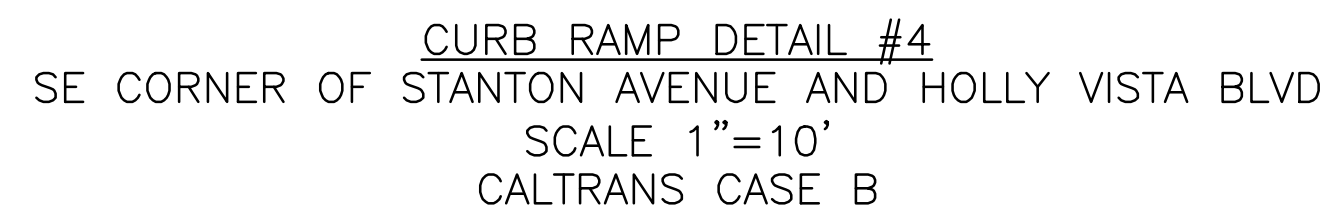
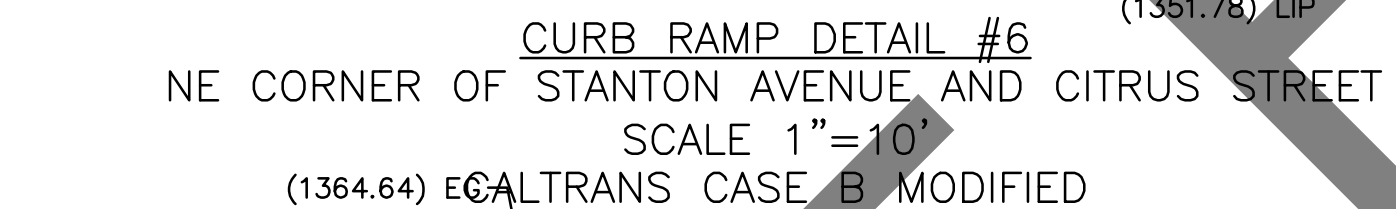
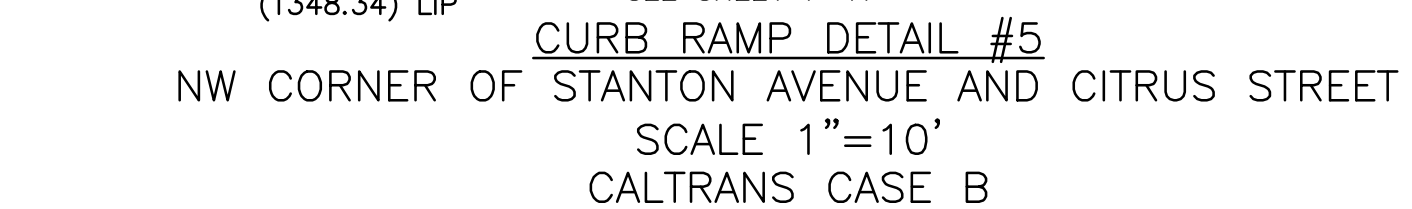
DETAIL SHEET DEL ROSA AREA

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT.'S.
J.L. XXXX	H15032	1" = 10'	2	16

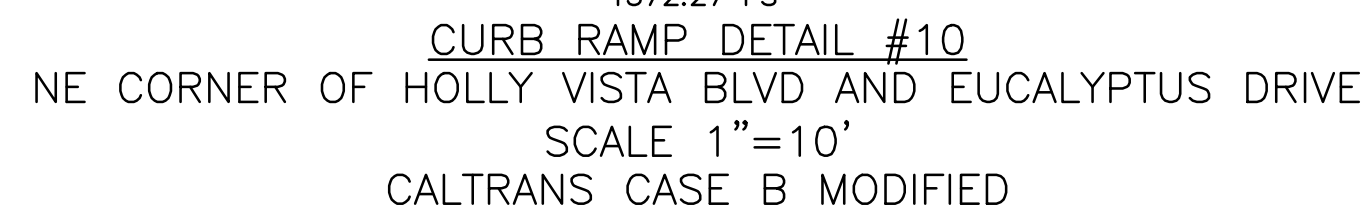
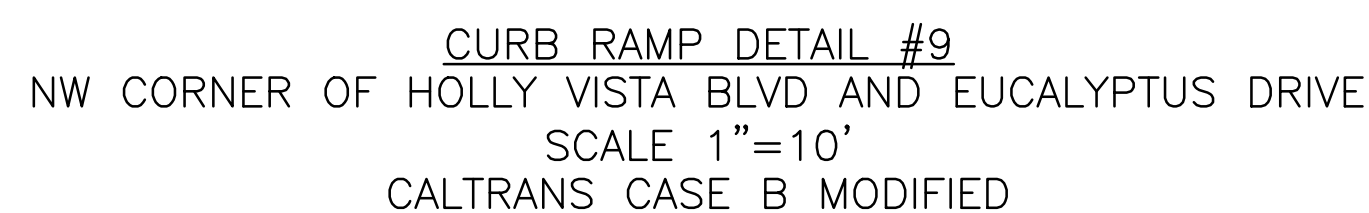
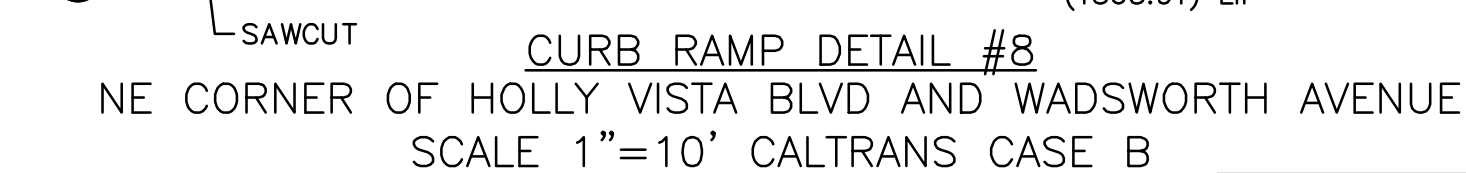
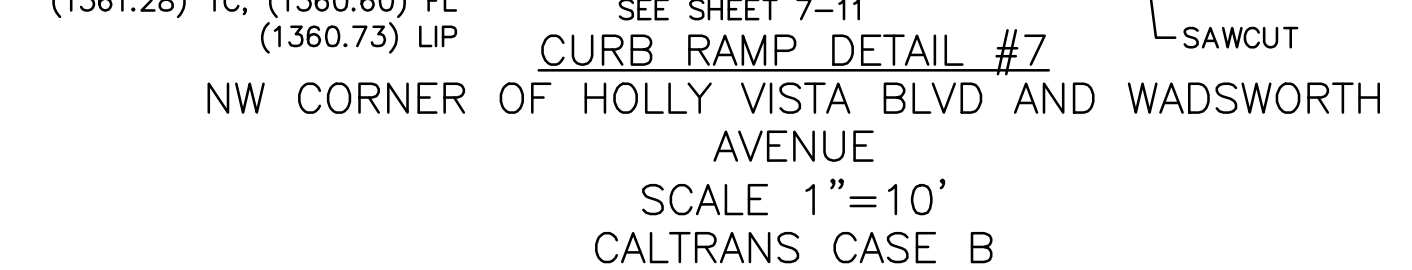
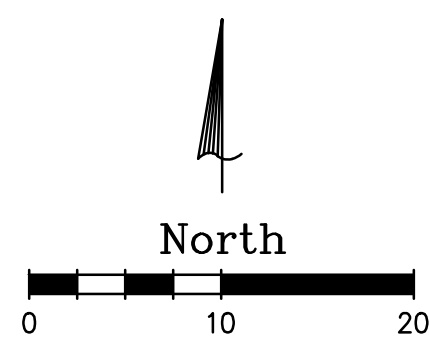
FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 423000-030, 863150-020, 553200-030, 674250-040, 674150-010

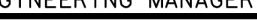


- ## CONSTRUCTION NOTES:
- ①-PROTECT IN PLACE, ITEM PER PLAN.
 - ②-REMOVE ITEM PER PLAN.
 - ④ REMOVE AND DISPOSE EXISTING SHRUBS, TREES, AND ROOTS TO 3- FEET BELOW FINISH SURFACE.
 - ⑤-CONSTRUCT 4-INCH THICK P.C.C. SIDEWALK OVER 90% COMPACTED NATIVE PER SAN BERNARDINO COUNTY STD PLAN NO 109 AND AS SHOWN ON PLANS.
 - ⑥-CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STANDARD PLAN, CASE ⑥ AND TYPE PER PLANS. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.
 - ⑦-CONSTRUCT RETAINING CURB PER SPPWC STD PLAN 111-5 DETAIL D, AND AS SHOWN ON PLANS. CURB HEIGHT VARIES.
 - ⑩ SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40' PG 64-10, TYPE A, 3/4" AGGREGATE OVER 0.70' COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
 - ⑭ COLD PLANE EXISTING PAVEMENT MINIMUM 0.17' AND OVERLAY PAVEMENT WITH 0.17' MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.
 - ⑯-INSTALL IN KIND LANDSCAPE AND IRRIGATION.
 - ⑰ CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STD PLAN AB8A, CASE PER PLAN. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.



CURVE TABLE					
CURVE#	LENGTH	RADIUS	DELTA		TANGENT
C1	50.18'	32.00'	90°	13' 39"	31.99'
C2	49.94'	32.00'	90°	31' 48"	31.90'
C3	49.95'	32.00'	88°	05' 43"	31.42'
C4	50.20'	32.00'	88°	27' 36"	31.65'
C5	50.52'	32.00'	90°	40' 19"	32.30'
C6	48.42'	32.00'	89°	44' 49"	30.77'
C7	50.31'	32.00'	90°	21' 49"	32.10'
C8	51.38'	32.00'	91°	08' 06"	32.95'
C9	31.67'	20.00'	91°	27' 06"	20.35'
C10	31.58'	20.00'	90°	28' 24"	20.17'

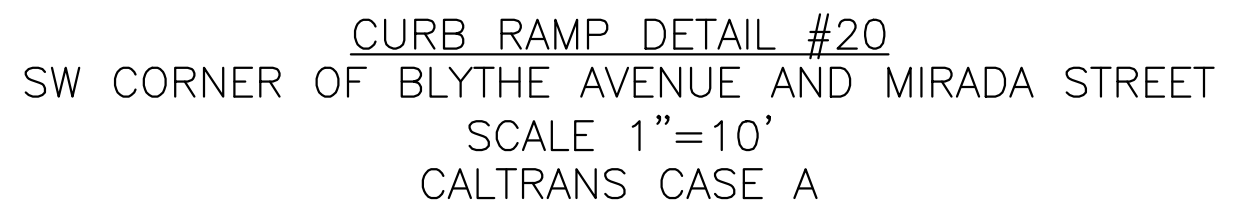
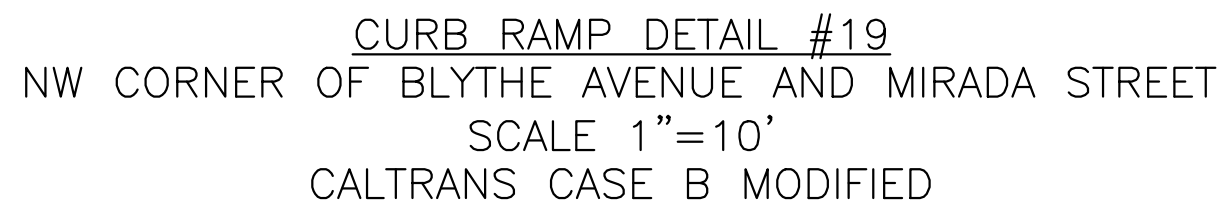
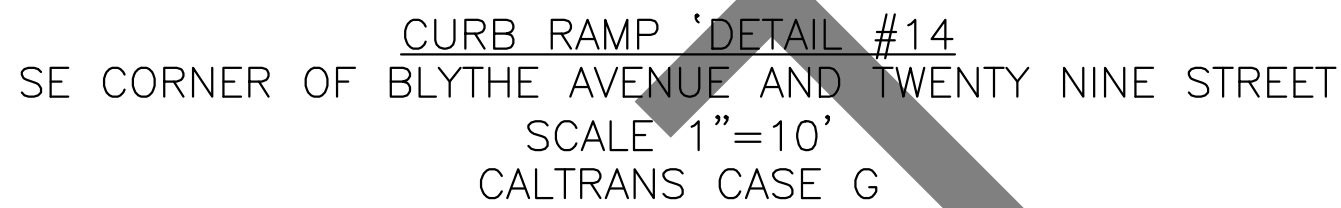
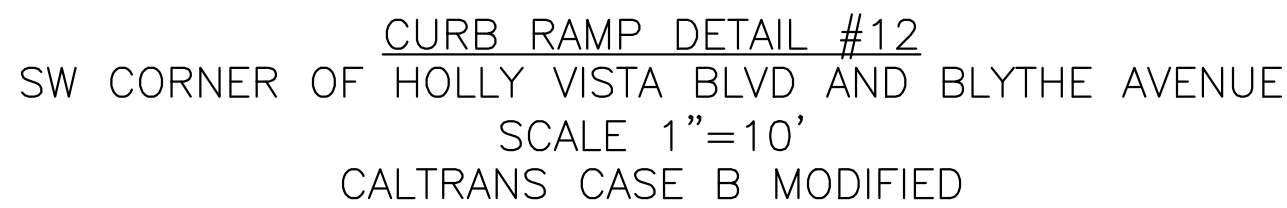
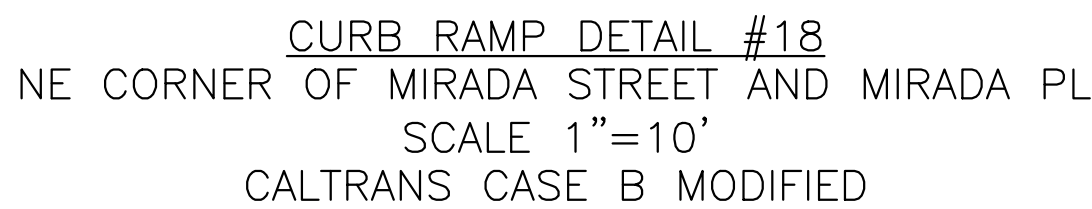
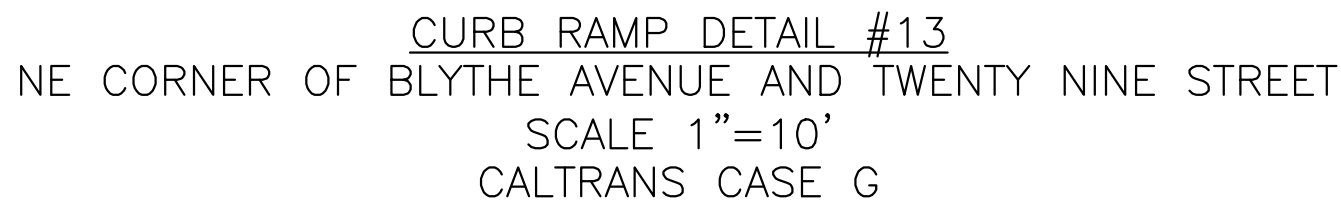
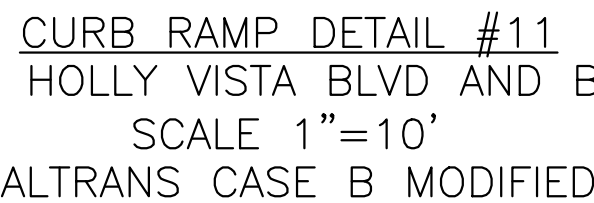


				SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				SOUTHEAST DEL ROSA AREA ADA RAMPS					
				DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:						
				FR	WG	AA	 CHRIS NGUYEN P.E. ENGINEERING MANAGER	7/5/24	DATE				
								APPROVED BY:					
				 K. MANNILA ENGINEERING MANAGER				7/8/24	DATE				
				KIRAN MANNILA, P.E. ENGINEERING MANAGER				6-27-24 DATE					
								APPROVED BY:					
								 V. VACHAL, P.E. DEPUTY DIRECTOR				7/8/24 DATE	

FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 863150-030, 863150-040, 863150-050, 863150-060, 863150-070, 863150-080, 863150-090, 863150-100, 863150-110, 863150-120, 863150-130, 863150-140, 863150-150, 863150-160, 863150-170, 863150-180, 863150-190, 863150-200, 863150-210, 863150-220, 863150-230, 863150-240, 863150-250, 863150-260, 863150-270, 863150-280, 863150-290, 863150-300, 863150-310, 863150-320, 863150-330, 863150-340, 863150-350, 863150-360, 863150-370, 863150-380, 863150-390, 863150-400, 863150-410, 863150-420, 863150-430, 863150-440, 863150-450, 863150-460, 863150-470, 863150-480, 863150-490, 863150-500, 863150-510, 863150-520, 863150-530, 863150-540, 863150-550, 863150-560, 863150-570, 863150-580, 863150-590, 863150-600, 863150-610, 863150-620, 863150-630, 863150-640, 863150-650, 863150-660, 863150-670, 863150-680, 863150-690, 863150-700, 863150-710, 863150-720, 863150-730, 863150-740, 863150-750, 863150-760, 863150-770, 863150-780, 863150-790, 863150-800, 863150-810, 863150-820, 863150-830, 863150-840, 863150-850, 863150-860, 863150-870, 863150-880, 863150-890, 863150-900, 863150-910, 863150-920, 863150-930, 863150-940, 863150-950, 863150-960, 863150-970, 863150-980, 863150-990, 863150-1000, 863150-1010, 863150-1020, 863150-1030, 863150-1040, 863150-1050, 863150-1060, 863150-1070, 863150-1080, 863150-1090, 863150-1100, 863150-1110, 863150-1120, 863150-1130, 863150-1140, 863150-1150, 863150-1160, 863150-1170, 863150-1180, 863150-1190, 863150-1200, 863150-1210, 863150-1220, 863150-1230, 863150-1240, 863150-1250, 863150-1260, 863150-1270, 863150-1280, 863150-1290, 863150-1300, 863150-1310, 863150-1320, 863150-1330, 863150-1340, 863150-1350, 863150-1360, 863150-1370, 863150-1380, 863150-1390, 863150-1400, 863150-1410, 863150-1420, 863150-1430, 863150-1440, 863150-1450, 863150-1460, 863150-1470, 863150-1480, 863150-1490, 863150-1500, 863150-1510, 863150-1520, 863150-1530, 863150-1540, 863150-1550, 863150-1560, 863150-1570, 863150-1580, 863150-1590, 863150-1600, 863150-1610, 863150-1620, 863150-1630, 863150-1640, 863150-1650, 863150-1660, 863150-1670, 863150-1680, 863150-1690, 863150-1700, 863150-1710, 863150-1720, 863150-1730, 863150-1740, 863150-1750, 863150-1760, 863150-1770, 863150-1780, 863150-1790, 863150-1800, 863150-1810, 863150-1820, 863150-1830, 863150-1840, 863150-1850, 863150-1860, 863150-1870, 863150-1880, 863150-1890, 863150-1900, 863150-1910, 863150-1920, 863150-1930, 863150-1940, 863150-1950, 863150-1960, 863150-1970, 863150-1980, 863150-1990, 863150-2000, 863150-2010, 863150-2020, 863150-2030, 863150-2040, 863150-2050, 863150-2060, 863150-2070, 863150-2080, 863150-2090, 863150-2100, 863150-2110, 863150-2120, 863150-2130, 863150-2140, 863150-2150, 863150-2160, 863150-2170, 863150-2180, 863150-2190, 863150-2200, 863150-2210, 863150-2220, 863150-2230, 863150-2240, 863150-2250, 863150-2260, 863150-2270, 863150-2280, 863150-2290, 863150-2300, 863150-2310, 863150-2320, 863150-2330, 863150-2340, 863150-2350, 863150-2360, 863150-2370, 863150-2380, 863150-2390, 863150-2400, 863150-2410, 863150-2420, 863150-2430, 863150-2440, 863150-2450, 863150-2460, 863150-2470, 863150-2480, 863150-2490, 863150-2500, 863150-2510, 863150-2520, 863150-2530, 863150-2540, 863150-2550, 863150-2560, 863150-2570, 863150-2580, 863150-2590, 863150-2600, 863150-2610, 863150-2620, 863150-2630, 863150-2640, 863150-2650, 863150-2660, 863150-2670, 863150-2680, 863150-2690, 863150-2700, 863150-2710, 863150-2720, 863150-2730, 863150-2740, 863150-2750, 863150-2760, 863150-2770, 863150-2780, 863150-2790, 863150-2800, 863150-2810, 863150-2820, 863150-2830, 863150-2840, 863150-2850, 863150-2860, 863150-2870, 863150-2880, 863150-2890, 863150-2900, 863150-2910, 863150-2920, 863150-2930, 863150-2940, 863150-2950, 863150-2960, 863150-2970, 863150-2980, 863150-2990, 863150-3000, 863150-3010, 863150-3020, 863150-3030, 863150-3040, 863150-3050, 863150-3060, 863150-3070, 863150

FILE NO.

FILE NO:900-020, 171800-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 010, 553200-030, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-010, 553200-030, 674250-040, 674250-050, 674150-010



- ①—PROTECT IN PLACE, ITEM PER PLAN.
- ②—REMOVE ITEM PER PLAN.
- ④—REMOVE AND DISPOSE EXISTING SHRUBS, TREES, AND ROOTS TO 3—FEET BELOW FINISH SURFACE.
- ⑤—CONSTRUCT 4—INCH THICK P.C.C. SIDEWALK OVER 90% COMPACTED NATIVE PER SAN BERNARDINO COUNTY STD PLAN NO 109 AND AS SHOWN ON PLANS.
- ⑥—CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STANDARD PLAN, CASE 111—5 AND TYPE PER PLANS. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.
- ⑦—CONSTRUCT RETAINING CURB PER SPPWC STD PLAN 111—5 DETAIL D, AND AS SHOWN ON PLANS. CURB HEIGHT VARIES.
- ⑩—SAW CUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40" PG 64—10, TYPE A, 3/4" AGGREGATE OVER 0.70" COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
- ⑪—ADJUST EXISTING UTILITY TO GRADE.
- ⑫—CONSTRUCT FIRE HYDRANT DETAIL ON SHEET 2.
- ⑬—TEMPORARILY REMOVE PAVING BRICKS AND RESET PAVING BRICKS IN PLACE.
- ⑭—COLD PLANE EXISTING PAVEMENT MINIMUM 0.17" AND OVERLAY PAVEMENT WITH 0.17" MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.
- ⑯—INSTALL IN KIND LANDSCAPE AND IRRIGATION.
- ⑰—CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STD PLAN A88A, CASE PER PLAN. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.



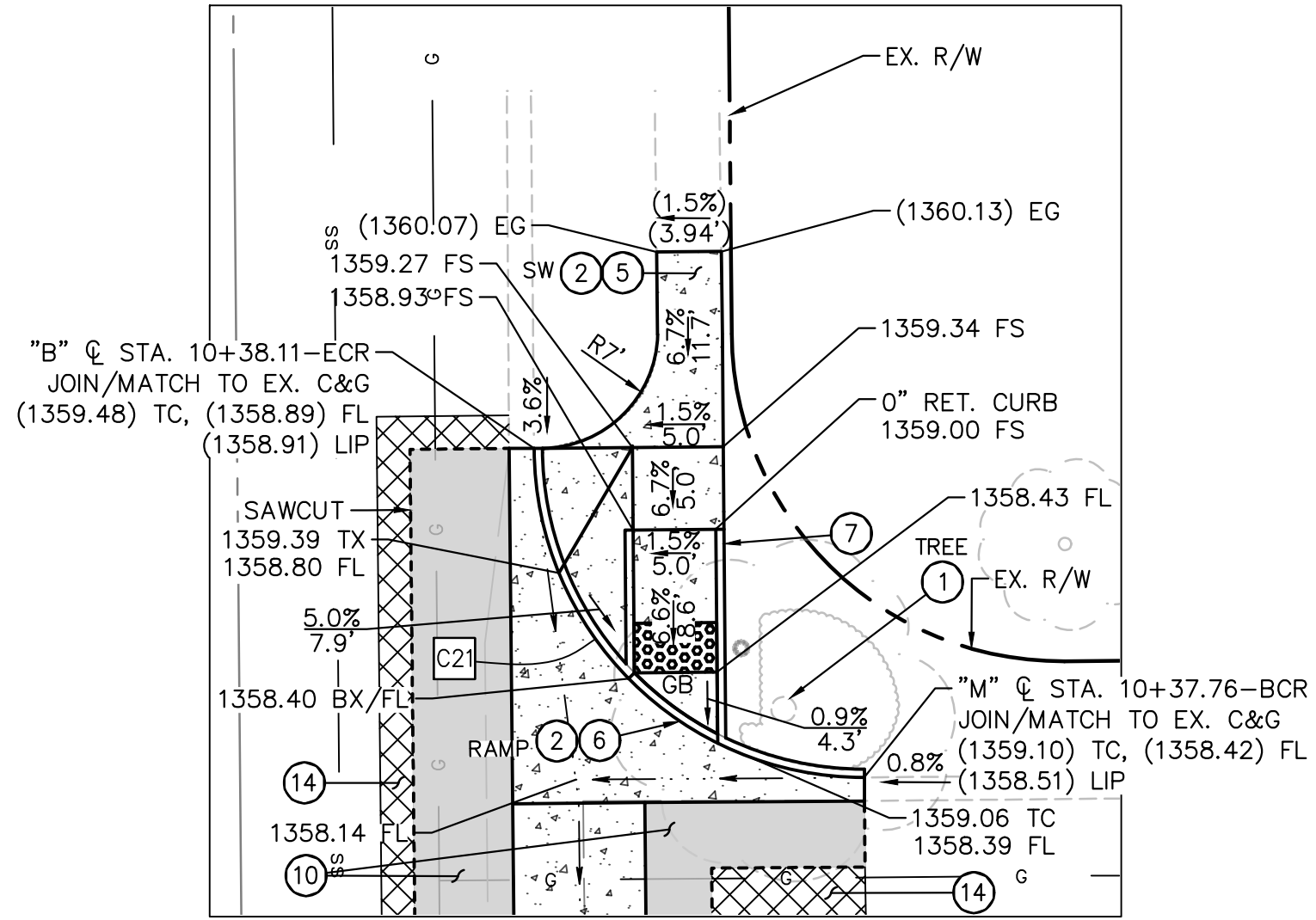
				SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				SOUTHEAST DEL ROSA AREA ADA RAMPS			
				DESIGNED BY: <u>FR</u> DRAWN BY: <u>WG</u> CHECKED BY: <u>AA</u>				RECOMMENDED BY: <u>Chris Nguyen</u> 7/5/24 CHRIS NGUYEN, P.E. ENGINEERING MANAGER			
				APPROVED BY: <u>Kranti Manilla</u> 6-27-24 KRANTHI MANILLA, P.E. ENGINEERING MANAGER				CURB RAMP DETAIL DEL ROSA AREA			
MARK CHANGES RESIDENT ENGINEER DATE				APPROVED BY: <u>Wervat Withall</u> 7/8/24 WERVAT WITHALL, P.E. DEPUTY DIRECTOR				J.L. REF. W.O. NO. PLAN SCALE SHT. NO. TOT.SHT'S. J.L.XXXX H15032 1"=10' 4 16			
FIELD CHANGES											

FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 863150-030, 863150-040, 863150-050, 863150-060, 863150-070, 863150-080, 863150-090, 863150-100, 863150-110, 863150-120, 863150-130, 863150-140, 863150-150, 863150-160, 863150-170, 863150-180, 863150-190, 863150-200, 863150-210, 863150-220, 863150-230, 863150-240, 863150-250, 863150-260, 863150-270, 863150-280, 863150-290, 863150-300, 863150-310, 863150-320, 863150-330, 863150-340, 863150-350, 863150-360, 863150-370, 863150-380, 863150-390, 863150-400, 863150-410, 863150-420, 863150-430, 863150-440, 863150-450, 863150-460, 863150-470, 863150-480, 863150-490, 863150-500, 863150-510, 863150-520, 863150-530, 863150-540, 863150-550, 863150-560, 863150-570, 863150-580, 863150-590, 863150-600, 863150-610, 863150-620, 863150-630, 863150-640, 863150-650, 863150-660, 863150-670, 863150-680, 863150-690, 863150-700, 863150-710, 863150-720, 863150-730, 863150-740, 863150-750, 863150-760, 863150-770, 863150-780, 863150-790, 863150-800, 863150-810, 863150-820, 863150-830, 863150-840, 863150-850, 863150-860, 863150-870, 863150-880, 863150-890, 863150-900, 863150-910, 863150-920, 863150-930, 863150-940, 863150-950, 863150-960, 863150-970, 863150-980, 863150-990, 863150-1000, 863150-1010, 863150-1020, 863150-1030, 863150-1040, 863150-1050, 863150-1060, 863150-1070, 863150-1080, 863150-1090, 863150-1100, 863150-1110, 863150-1120, 863150-1130, 863150-1140, 863150-1150, 863150-1160, 863150-1170, 863150-1180, 863150-1190, 863150-1200, 863150-1210, 863150-1220, 863150-1230, 863150-1240, 863150-1250, 863150-1260, 863150-1270, 863150-1280, 863150-1290, 863150-1300, 863150-1310, 863150-1320, 863150-1330, 863150-1340, 863150-1350, 863150-1360, 863150-1370, 863150-1380, 863150-1390, 863150-1400, 863150-1410, 863150-1420, 863150-1430, 863150-1440, 863150-1450, 863150-1460, 863150-1470, 863150-1480, 863150-1490, 863150-1500, 863150-1510, 863150-1520, 863150-1530, 863150-1540, 863150-1550, 863150-1560, 863150-1570, 863150-1580, 863150-1590, 863150-1600, 863150-1610, 863150-1620, 863150-1630, 863150-1640, 863150-1650, 863150-1660, 863150-1670, 863150-1680, 863150-1690, 863150-1700, 863150-1710, 863150-1720, 863150-1730, 863150-1740, 863150-1750, 863150-1760, 863150-1770, 863150-1780, 863150-1790, 863150-1800, 863150-1810, 863150-1820, 863150-1830, 863150-1840, 863150-1850, 863150-1860, 863150-1870, 863150-1880, 863150-1890, 863150-1900, 863150-1910, 863150-1920, 863150-1930, 863150-1940, 863150-1950, 863150-1960, 863150-1970, 863150-1980, 863150-1990, 863150-2000, 863150-2010, 863150-2020, 863150-2030, 863150-2040, 863150-2050, 863150-2060, 863150-2070, 863150-2080, 863150-2090, 863150-2100, 863150-2110, 863150-2120, 863150-2130, 863150-2140, 863150-2150, 863150-2160, 863150-2170, 863150-2180, 863150-2190, 863150-2200, 863150-2210, 863150-2220, 863150-2230, 863150-2240, 863150-2250, 863150-2260, 863150-2270, 863150-2280, 863150-2290, 863150-2300, 863150-2310, 863150-2320, 863150-2330, 863150-2340, 863150-2350, 863150-2360, 863150-2370, 863150-2380, 863150-2390, 863150-2400, 863150-2410, 863150-2420, 863150-2430, 863150-2440, 863150-2450, 863150-2460, 863150-2470, 863150-2480, 863150-2490, 863150-2500, 863150-2510, 863150-2520, 863150-2530, 863150-2540, 863150-2550, 863150-2560, 863150-2570, 863150-2580, 863150-2590, 863150-2600, 863150-2610, 863150-2620, 863150-2630, 863150-2640, 863150-2650, 863150-2660, 863150-2670, 863150-2680, 863150-2690, 863150-2700, 863150-2710, 863150-2720, 863150-2730, 863150-2740, 863150-2750, 863150-2760, 863150-2770, 863150-2780, 863150-2790, 863150-2800, 863150-2810, 863150-2820, 863150-2830, 863150-2840, 863150-2850, 863150-2860, 863150-2870, 863150-2880, 863150-2890, 863150-2900, 863150-2910, 863150-2920, 863150-2930, 863150-2940, 863150-2950, 863150-2960, 863150-2970, 863150-2980, 863150-2990, 863150-3000, 863150-3010, 863150-3020, 863150-3030, 863150-3040, 863150-3050, 863150-3060, 863150-3070, 863150

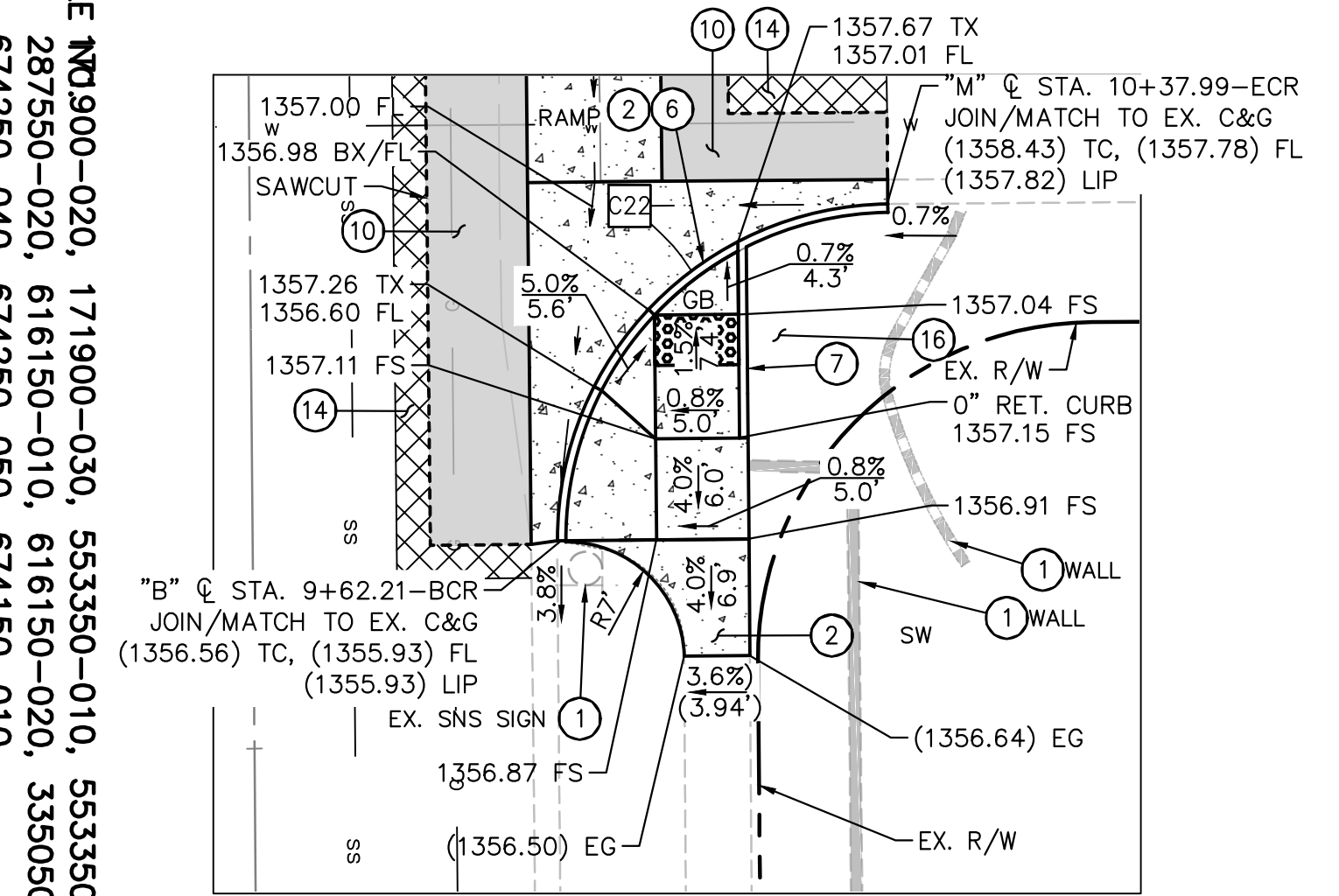
FILE NO.

FILE NO: 900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553200-030, 674250-040, 674250-050, 674150-010

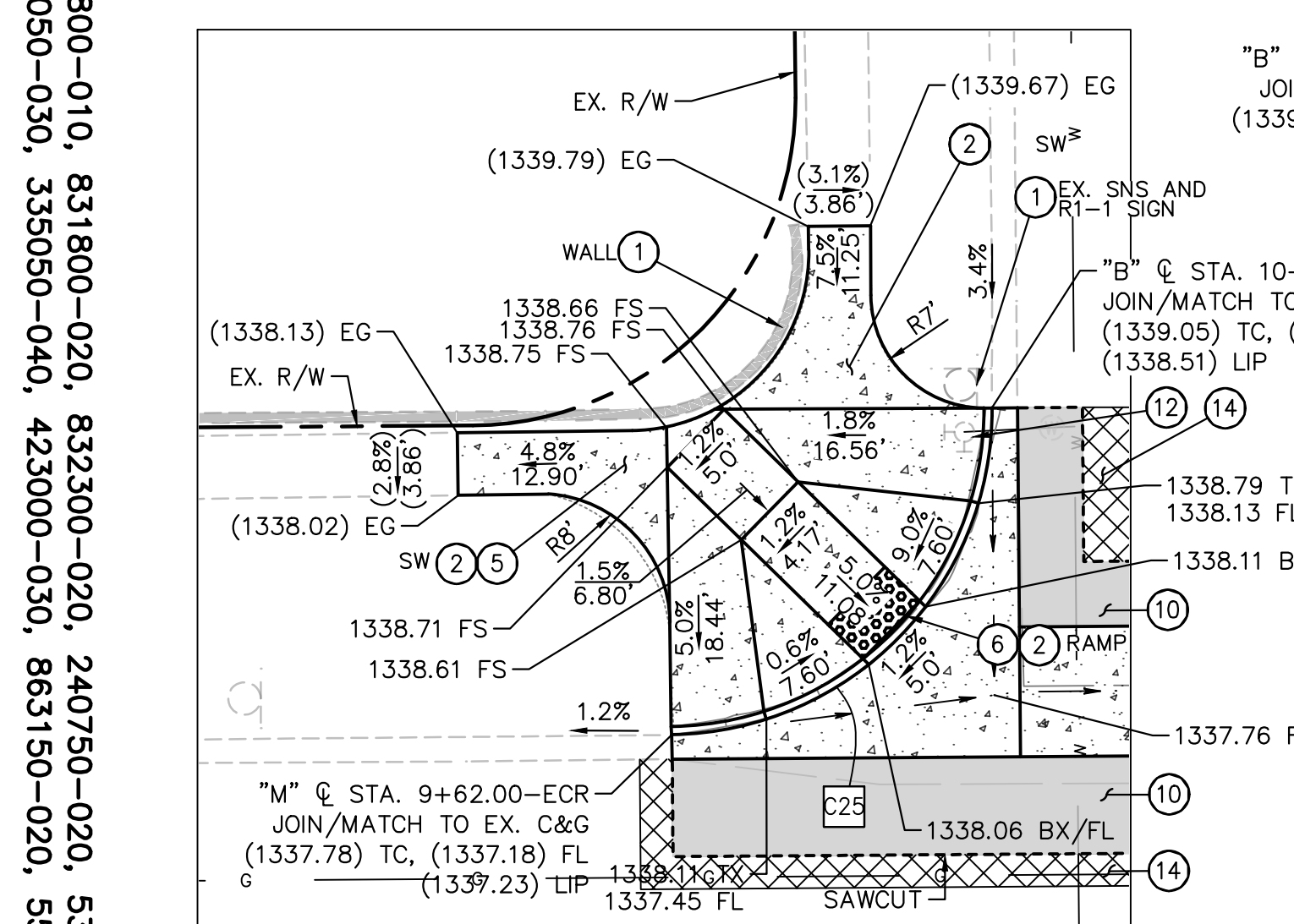
DATE	
APPR.	
REVISIONS	
MARK	
DATE	
APPR.	
REVISIONS	
MARK	



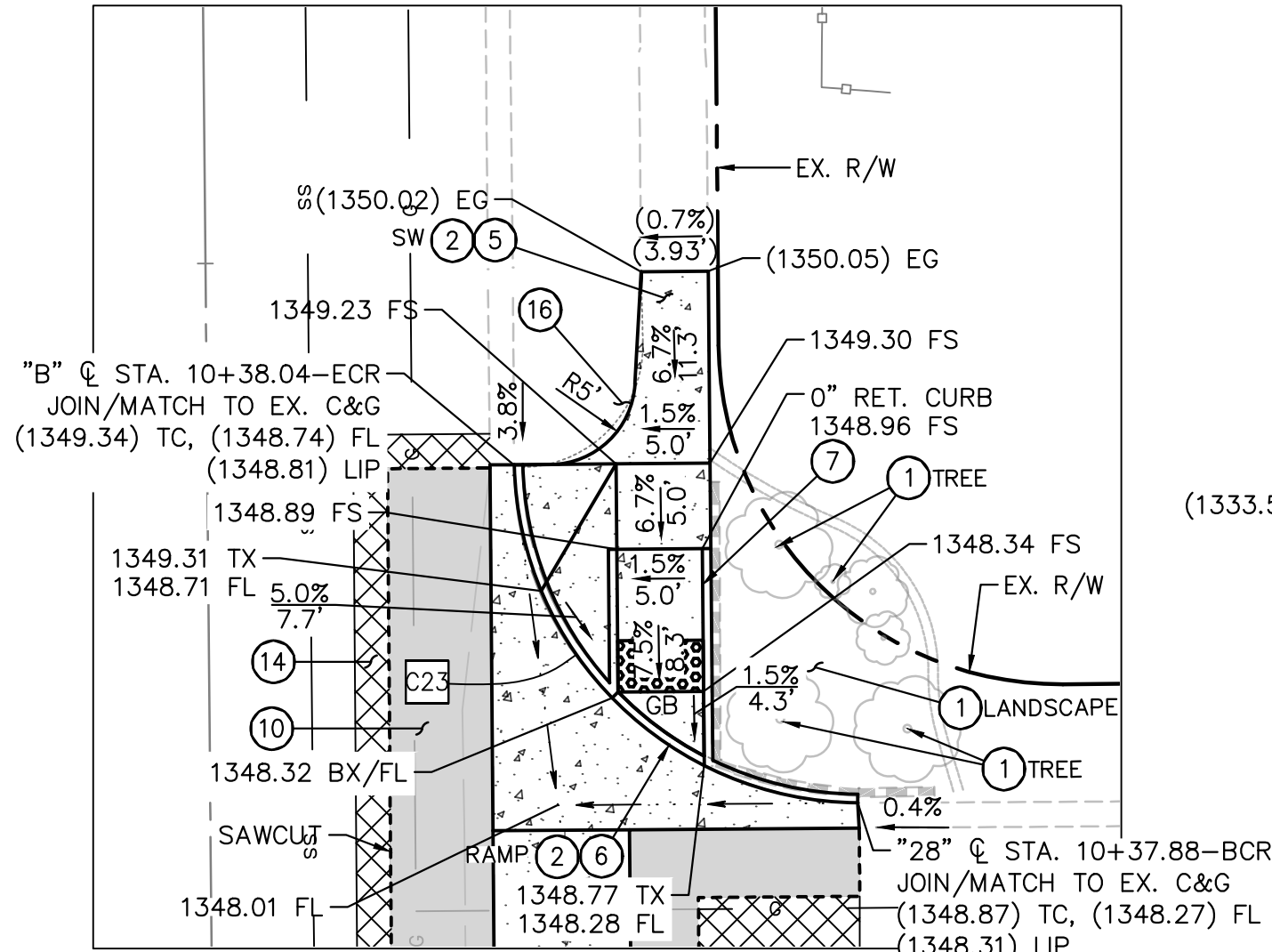
CURB RAMP DETAIL #21
NE CORNER OF BLYTHE AVENUE AND MIRADA STREET
SCALE 1"=10'
CALTRANS CASE G



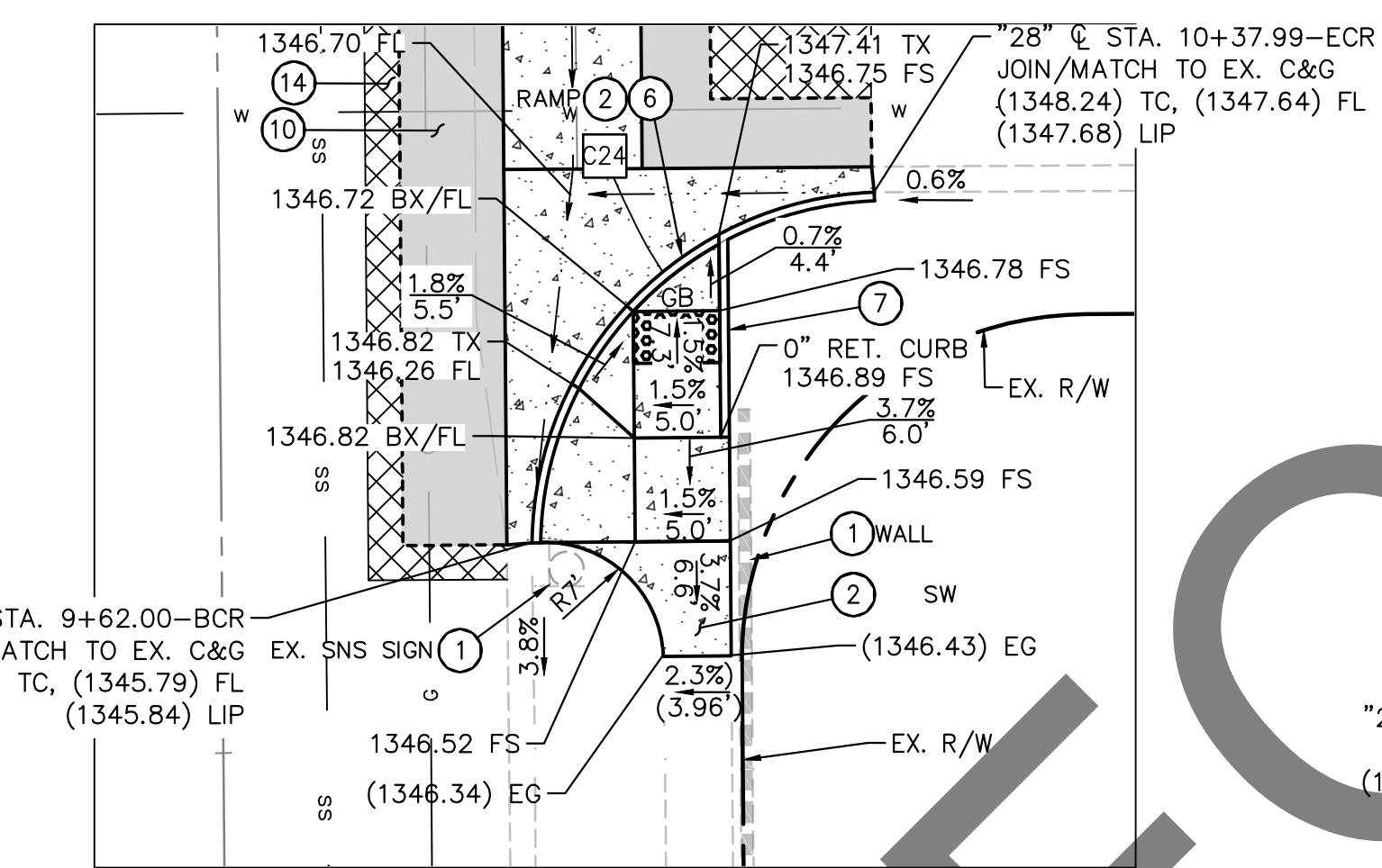
CURB RAMP DETAIL #22
SE CORNER OF BLYTHE AVENUE AND MIRADA STREET
SCALE 1"=10'
CALTRANS CASE G



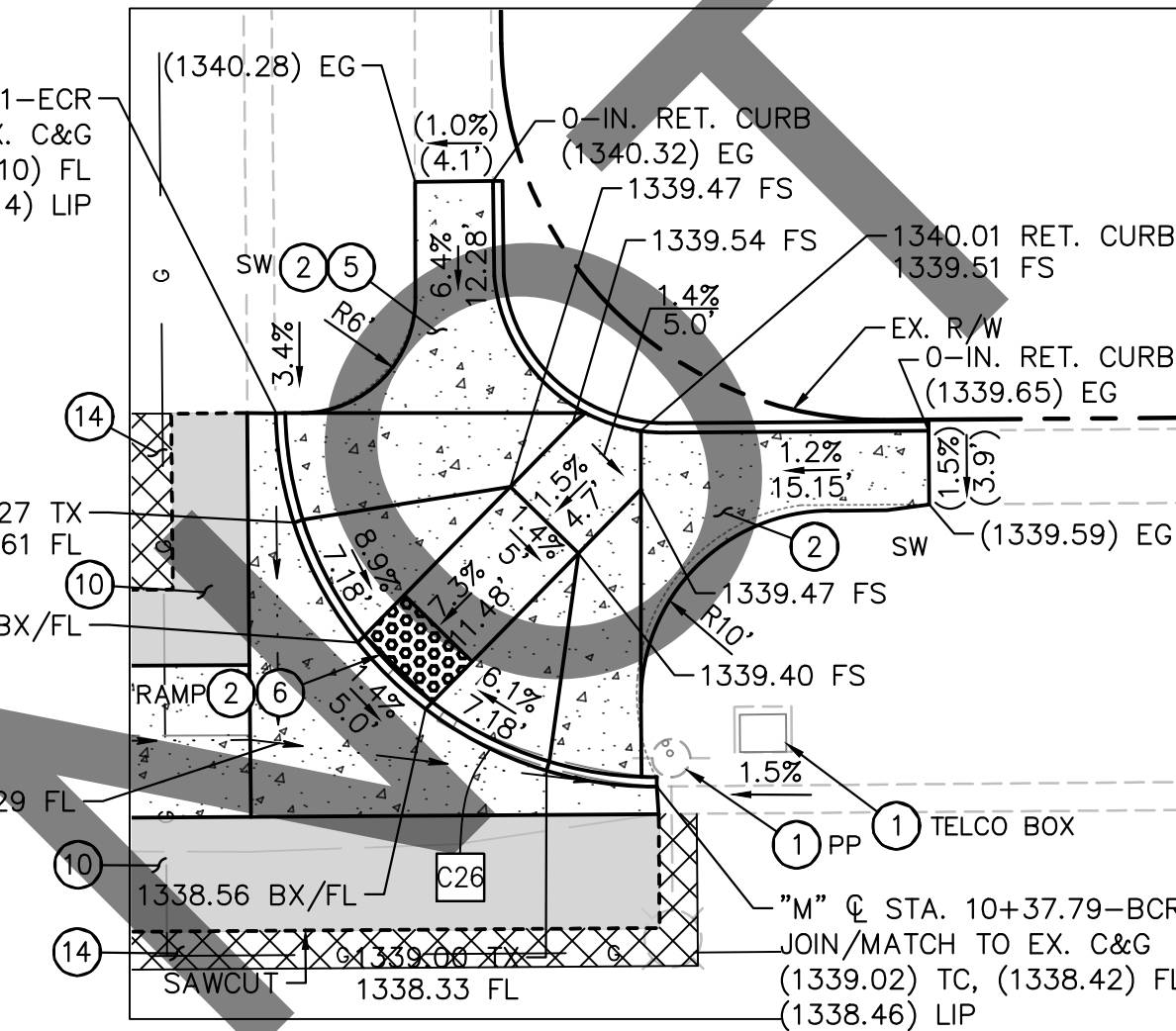
CURB RAMP DETAIL #25
NW CORNER OF BLYTHE AVENUE AND DATE STREET
SCALE 1"=10'
CALTRANS CASE B MODIFIED



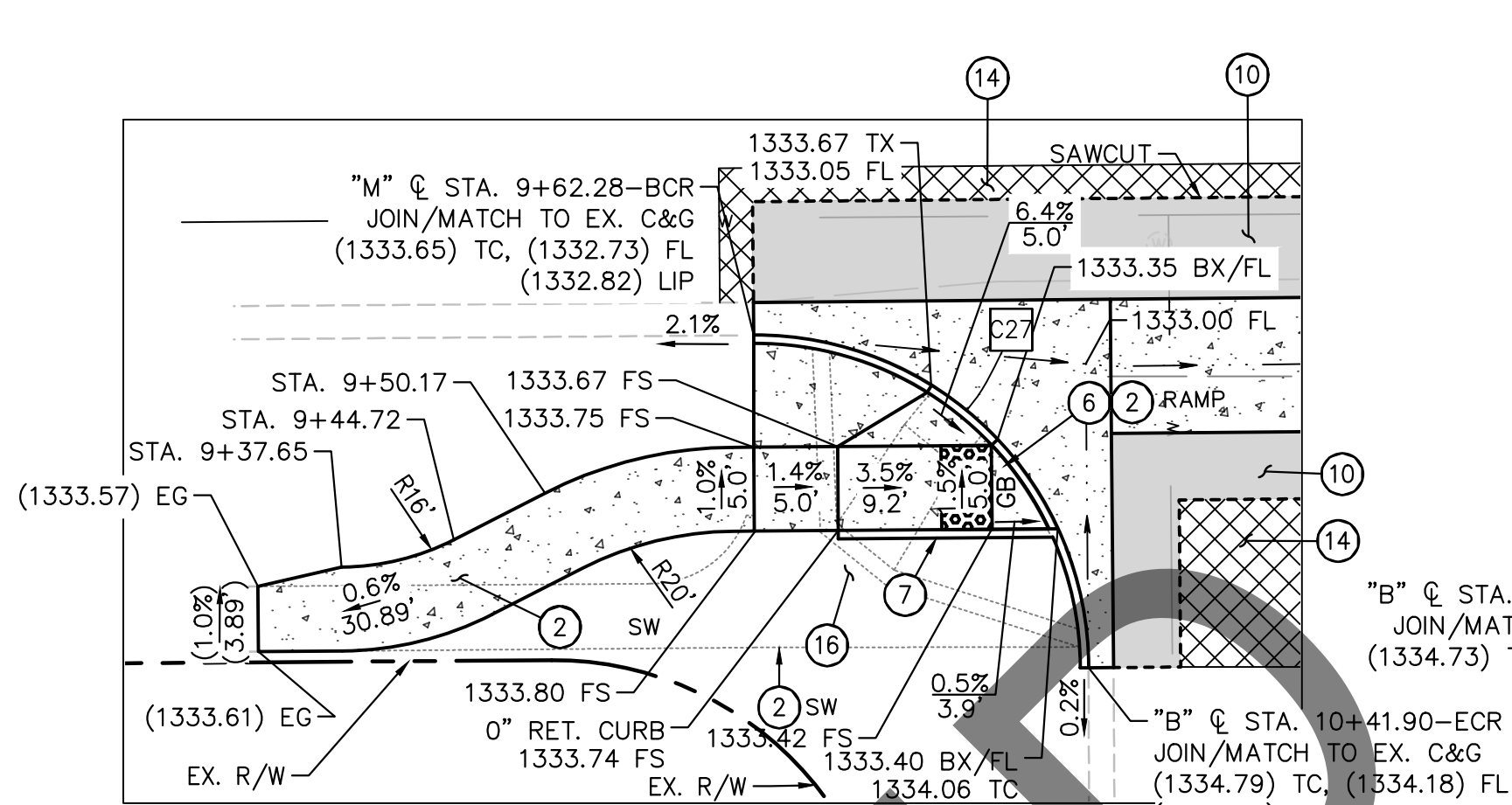
CURB RAMP DETAIL #23
NE CORNER OF BLYTHE AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'
CALTRANS CASE G



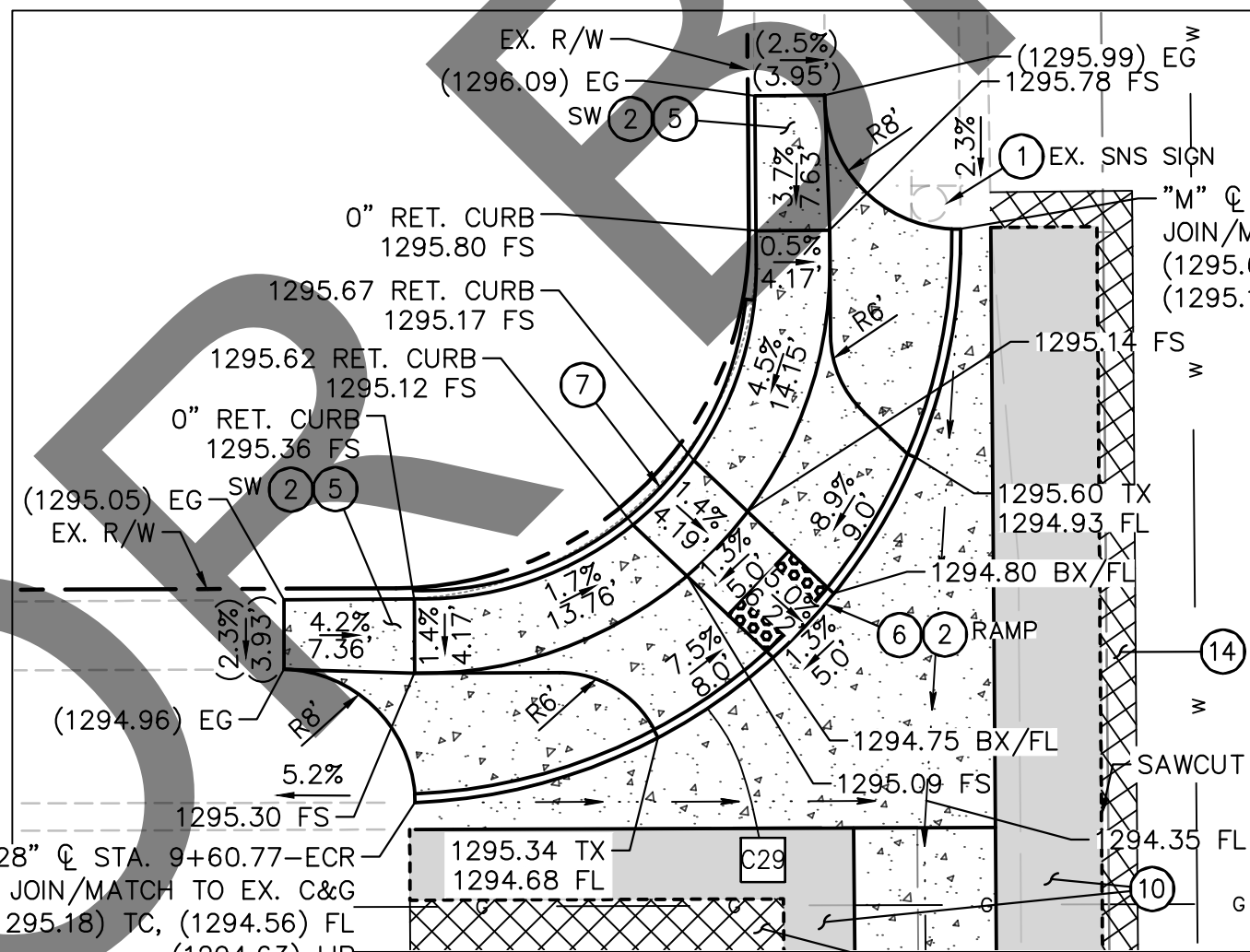
CURB RAMP DETAIL #24
SE CORNER OF BLYTHE AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'
CALTRANS CASE G



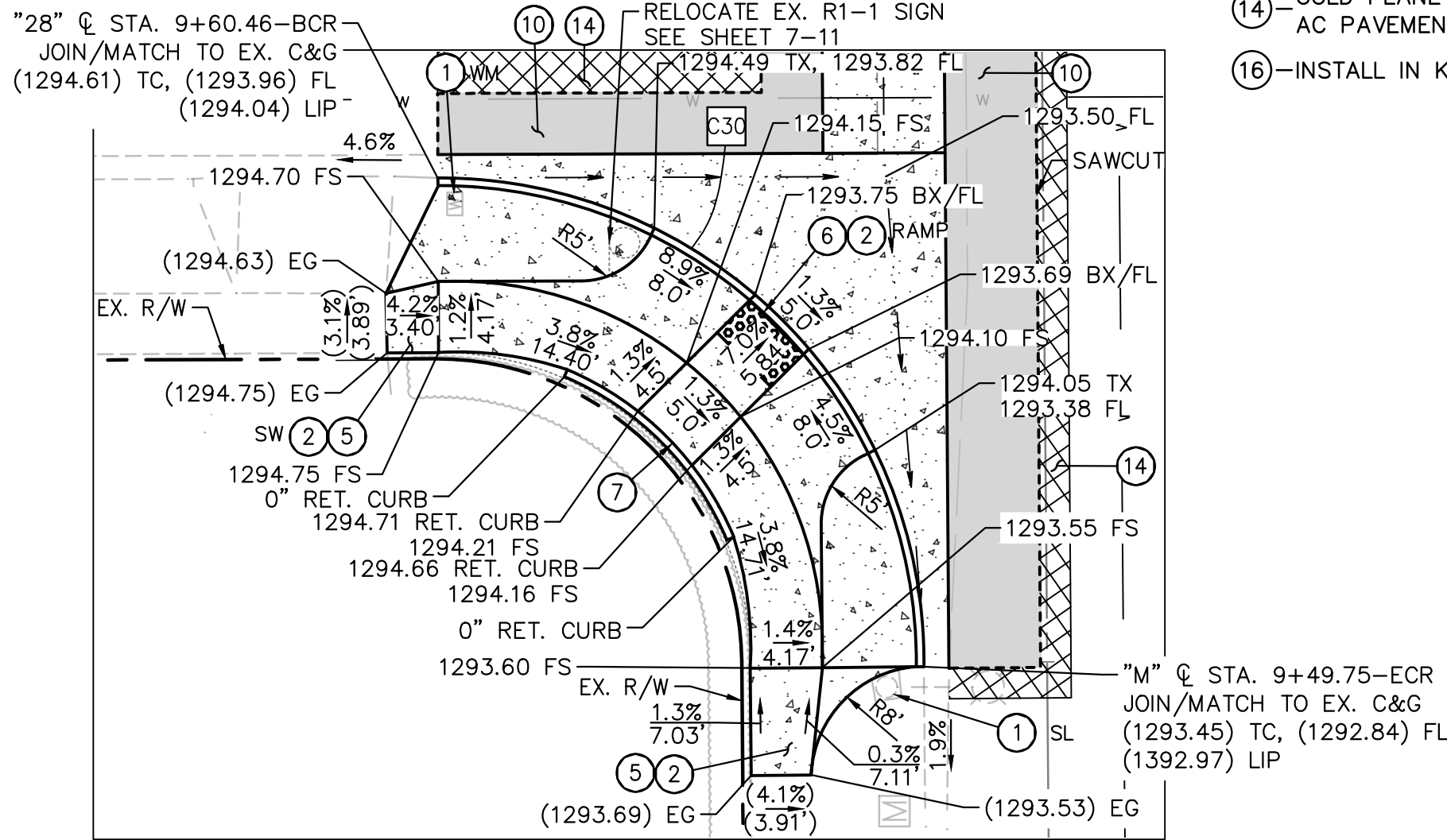
CURB RAMP DETAIL #26
NE CORNER OF BLYTHE AVENUE AND DATE STREET
SCALE 1"=10'
CALTRANS CASE B MODIFIED



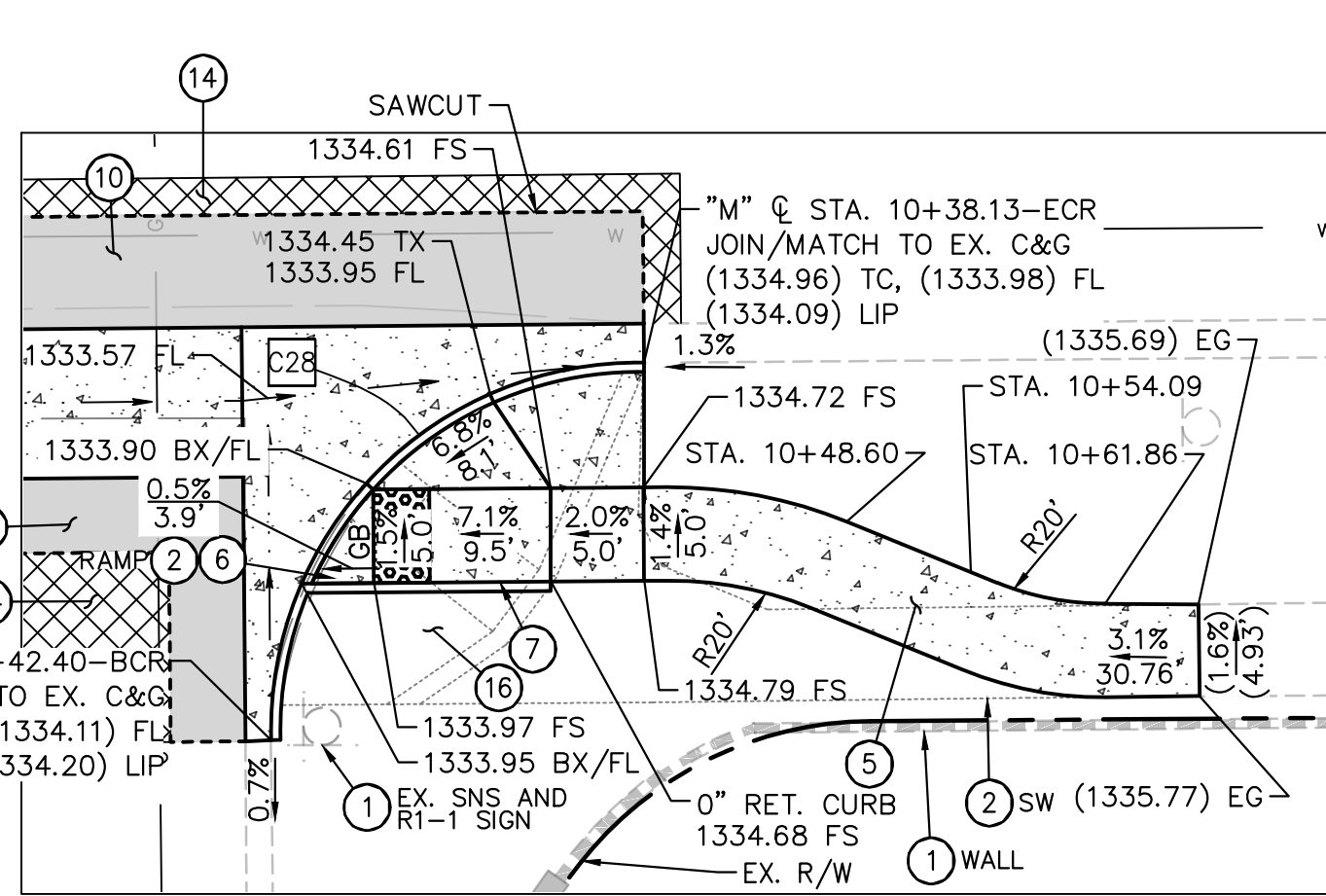
CURB RAMP DETAIL #27
SW CORNER OF DATE STREET AND EUCALYPTUS DRIVE
SCALE 1"=10'
CALTRANS CASE G



CURB RAMP DETAIL #29
NW CORNER OF MCKINLEY AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'
CALTRANS CASE B MODIFIED



CURB RAMP DETAIL #30
SW CORNER OF MCKINLEY AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'
CALTRANS CASE A

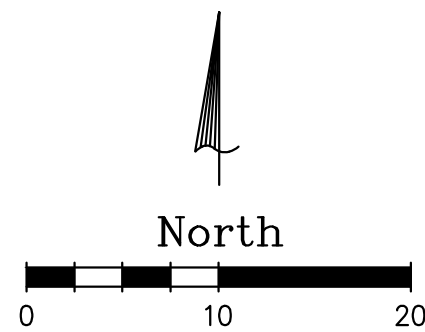


CURB RAMP DETAIL #28
SE CORNER OF DATE STREET AND EUCALYPTUS DRIVE
SCALE 1"=10'
CALTRANS CASE G

CONSTRUCTION NOTES:

- 1-PROTECT IN PLACE, ITEM PER PLAN.
- 2-REMOVE ITEM PER PLAN.
- 4-REMOVE AND DISPOSE EXISTING SHRUBS, TREES, AND ROOTS TO 3- FEET BELOW FINISH SURFACE.
- 5-CONSTRUCT 4-INCH THICK P.C.C. SIDEWALK OVER 90% COMPACTED NATIVE PER SAN BERNARDINO COUNTY STD PLAN NO 109 AND AS SHOWN ON PLANS.
- 6-CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STANDARD PLAN, CASE 6-1 AND TYPE PER PLANS. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.
- 7-CONSTRUCT RETAINING CURB PER SPPWC STD PLAN 111-5 DETAIL D, AND AS SHOWN ON PLANS. CURB HEIGHT VARIES.
- 10-SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40' PG 64-10, TYPE A, 3/4" AGGREGATE OVER 0.70' COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
- 12-CONSTRUCT FIRE HYDRANT DETAIL ON SHEET 2.
- 14-COLD PLANE EXISTING PAVEMENT MINIMUM 0.17' AND OVERLAY PAVEMENT WITH 0.17' MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.
- 16-INSTALL IN KIND LANDSCAPE AND IRRIGATION.

CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C21	31.34'	20.00'	89° 51' 19"	19.94'
C22	31.14'	20.00'	89° 28' 36"	19.76'
C23	31.21'	20.00'	88° 12' 13"	19.65'
C24	31.24'	20.00'	87° 07' 47"	19.54'
C25	31.26'	20.00'	89° 30' 29"	19.84'
C26	31.12'	20.00'	89° 08' 58"	19.71'
C27	31.23'	20.00'	90° 14' 01"	19.91'
C28	31.74'	20.00'	92° 26' 32"	20.53'
C29	49.52'	32.00'	88° 37' 46"	31.25'
C30	50.23'	32.00'	90° 43' 27"	32.12'



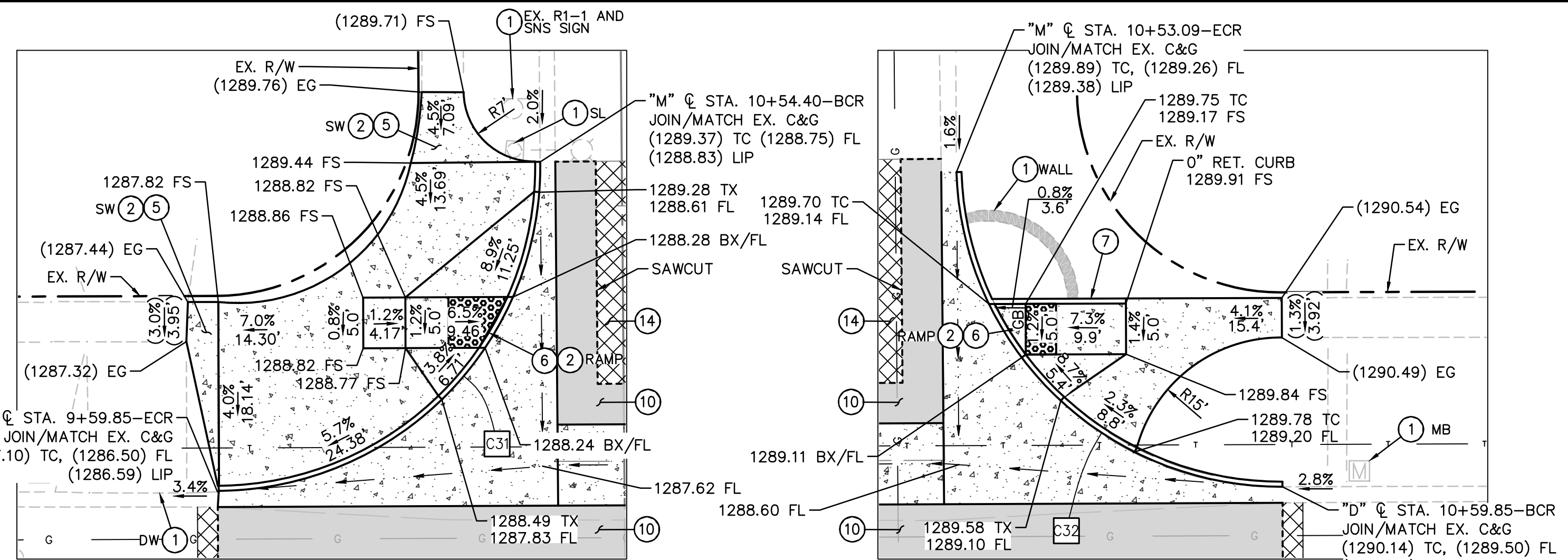
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
FR	WG	AA	Chris Nguyen / P.E. ENGINEERING MANAGER 7/5/24 DATE
APPROVED BY: Mervat Mikhail / P.E. DEPUTY DIRECTOR 7/8/24 DATE			

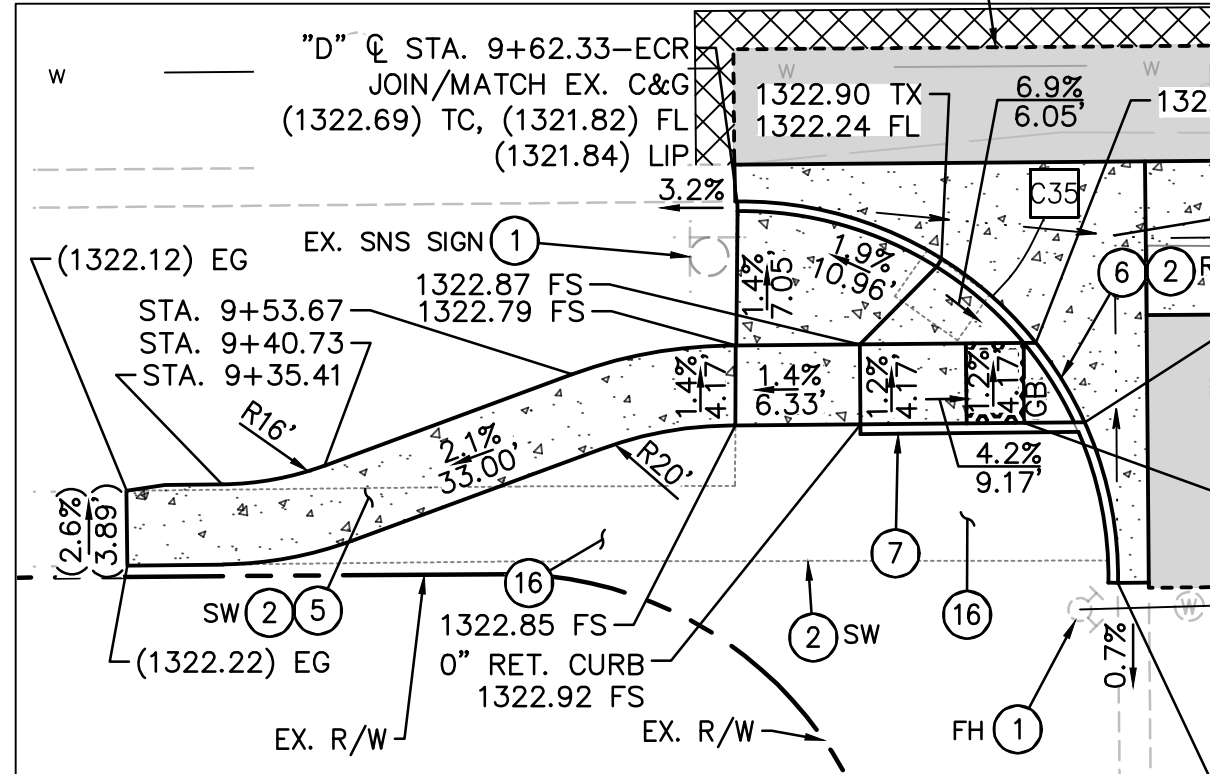
SOUTHEAST DEL ROSA AREA ADA RAMPS				
CURB RAMP DETAIL DEL ROSA AREA				
J.L. REF. J.L.XXXX	W.O. NO. H15032	PLAN SCALE 1"=10'	SHT. NO. 5	TOT.SHT'S. 16

FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553200-030, 674250-050, 674150-010

FILE NO: 90-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-030, 674250-040, 674250-050, 674150-010

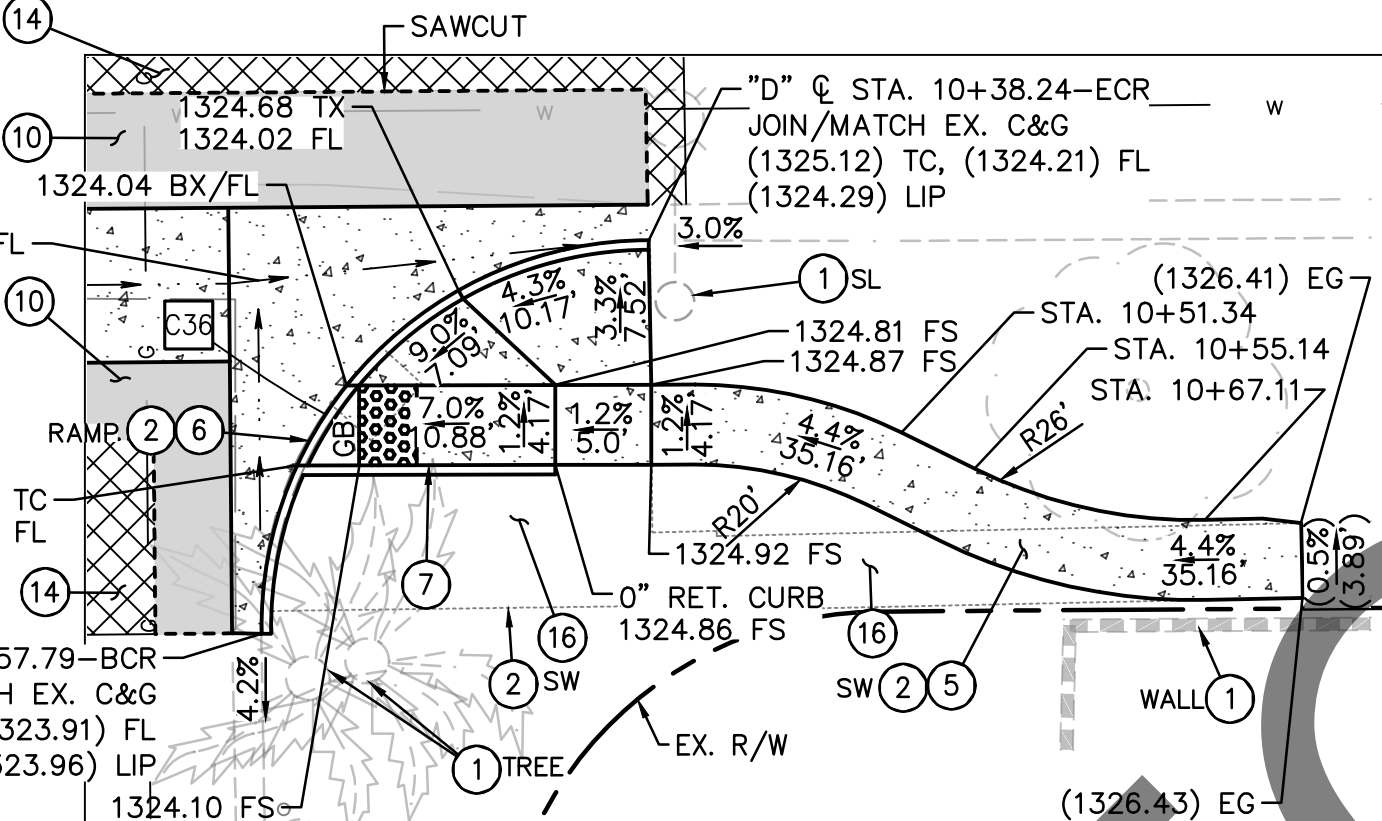


CURB RAMP DETAIL #31
NW CORNER OF DATE STREET AND MCKINLEY AVENUE
SCALE 1"=10'
CALTRANS CASE A SAWCUT

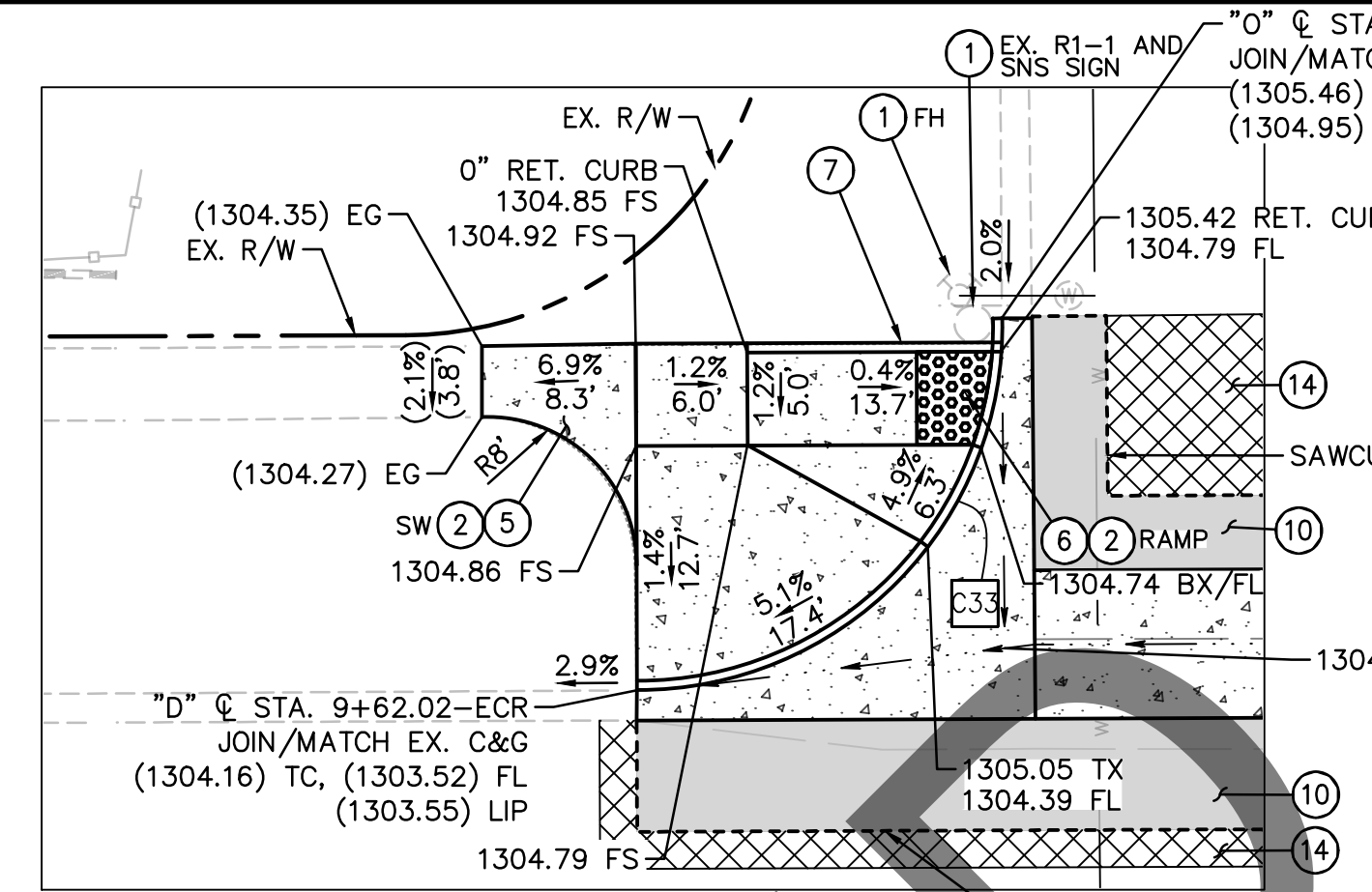


CURB RAMP DETAIL #35
SW CORNER OF DATE STREET AND STANTON AVENUE
SCALE 1"=10'
CALTRANS CASE G

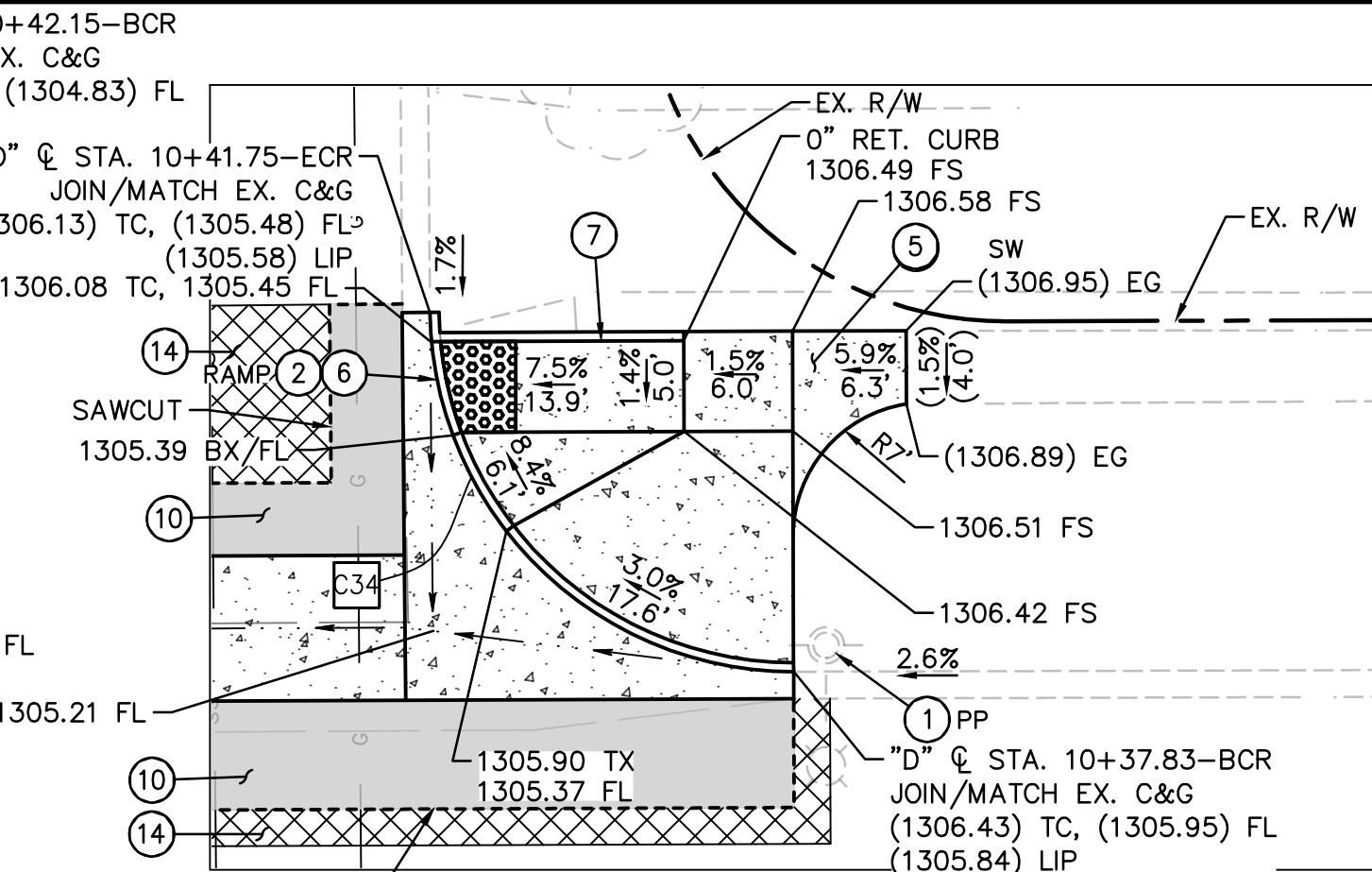
CURB RAMP DETAIL #32
NE CORNER OF DATE STREET AND MCKINLEY AVENUE
SCALE 1"=10'
CALTRANS CASE G



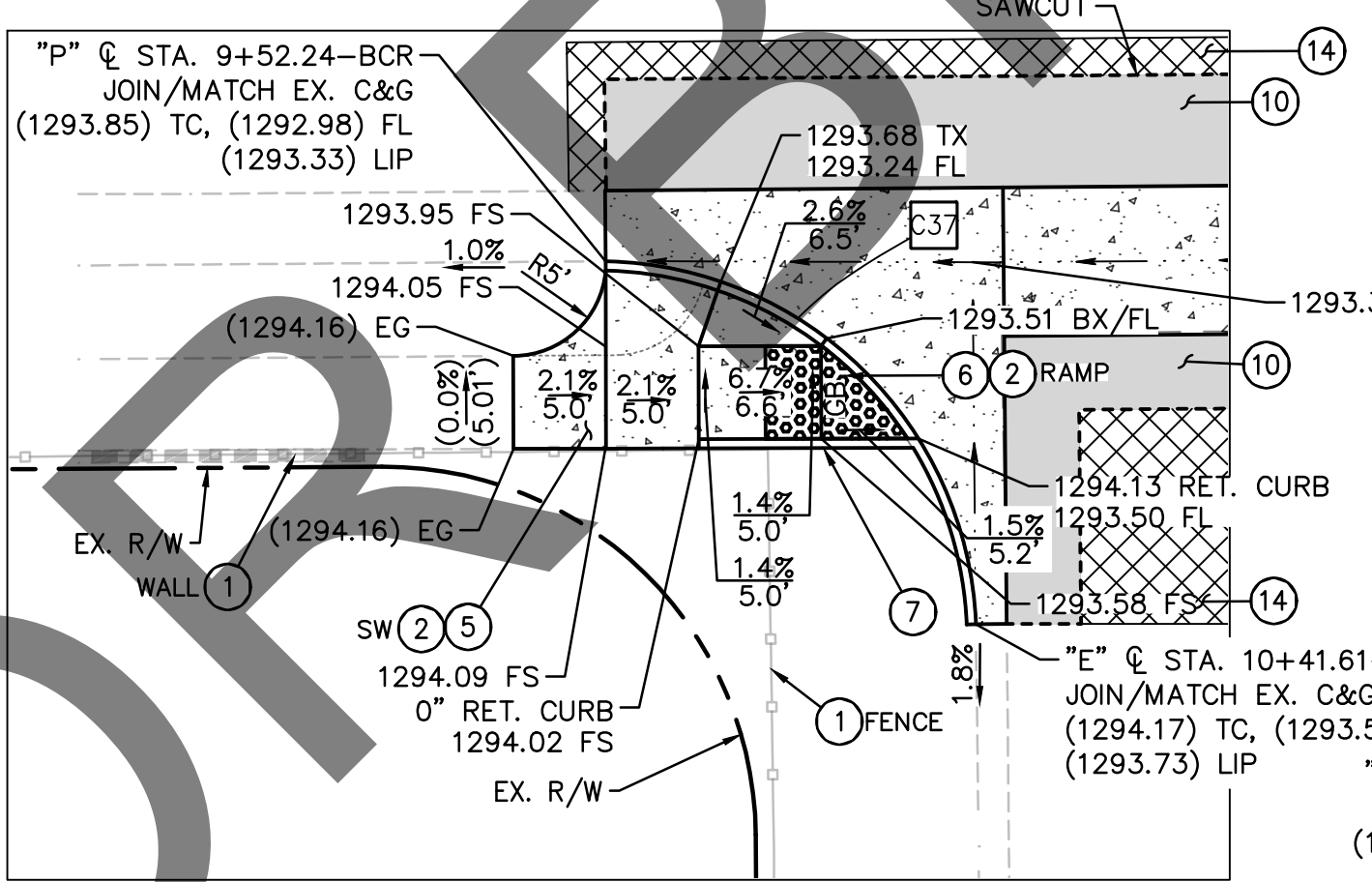
CURB RAMP DETAIL #36
SE CORNER OF DATE STREET AND STANTON AVENUE
SCALE 1"=10'
CALTRANS CASE G



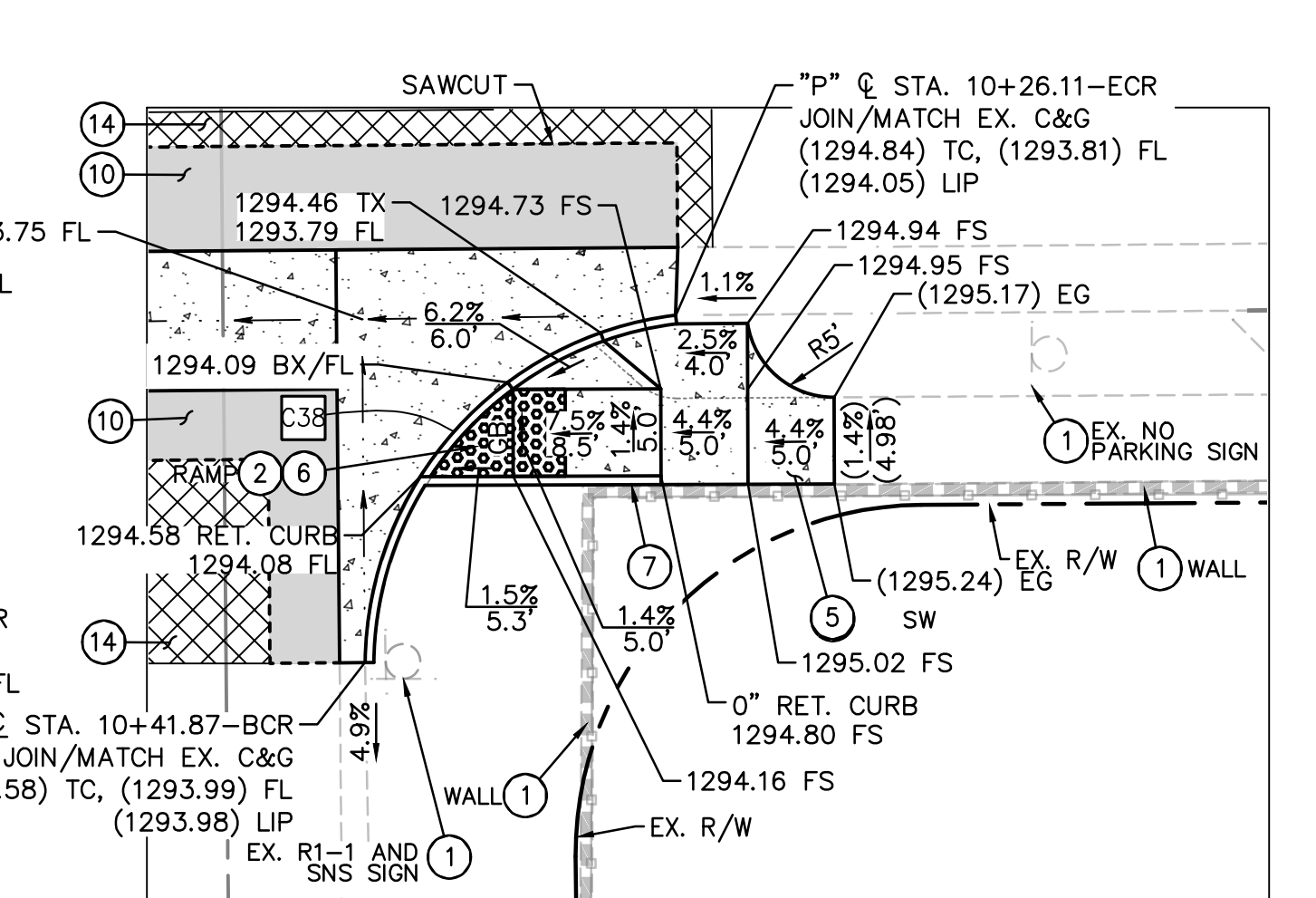
CURB RAMP DETAIL #33
NW CORNER OF DATE STREET AND ORANGE KNOLL AVENUE
SCALE 1"=10'
CALTRANS CASE G



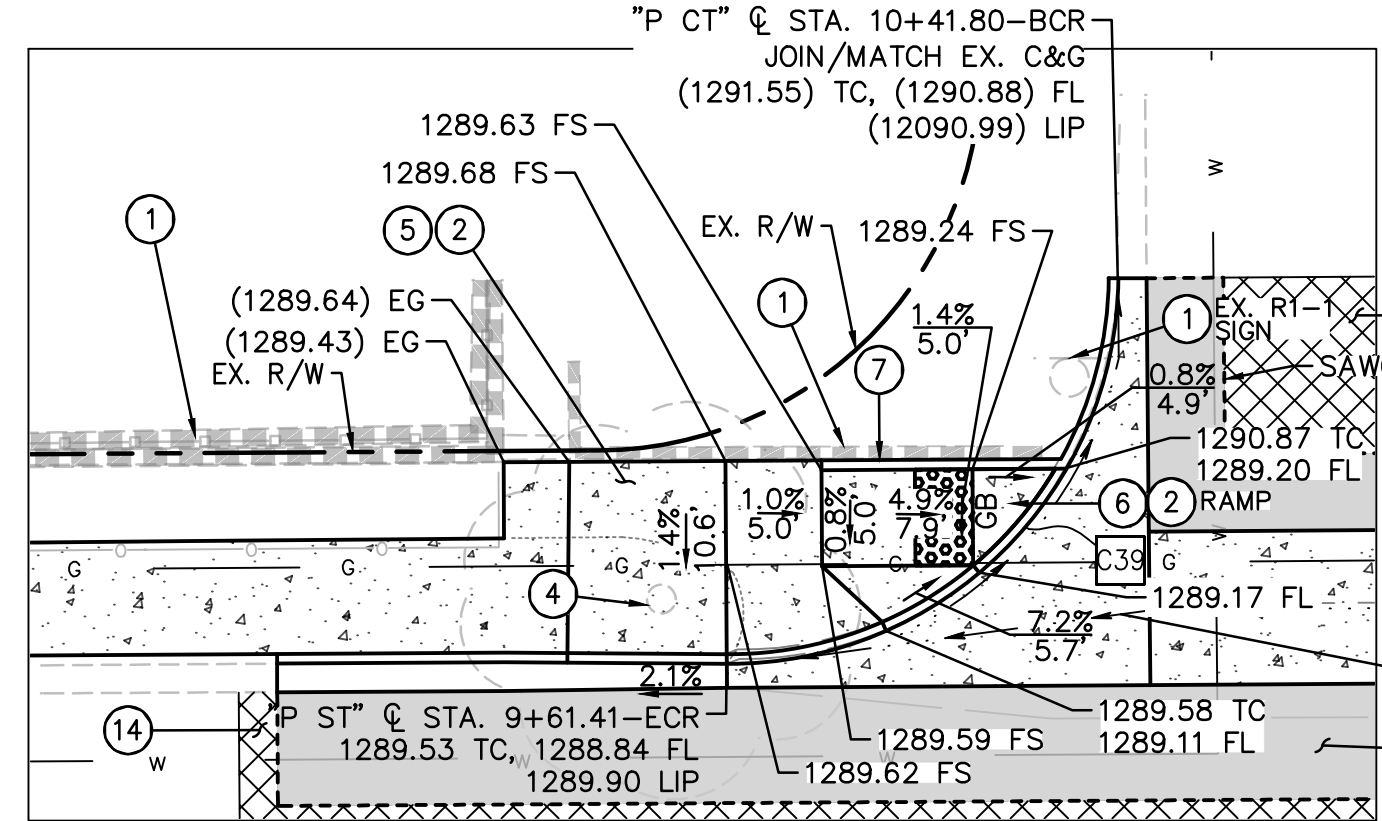
CURB RAMP DETAIL #34
NE CORNER OF DATE STREET AND ORANGE KNOLL AVENUE
SCALE 1"=10'
CALTRANS CASE G



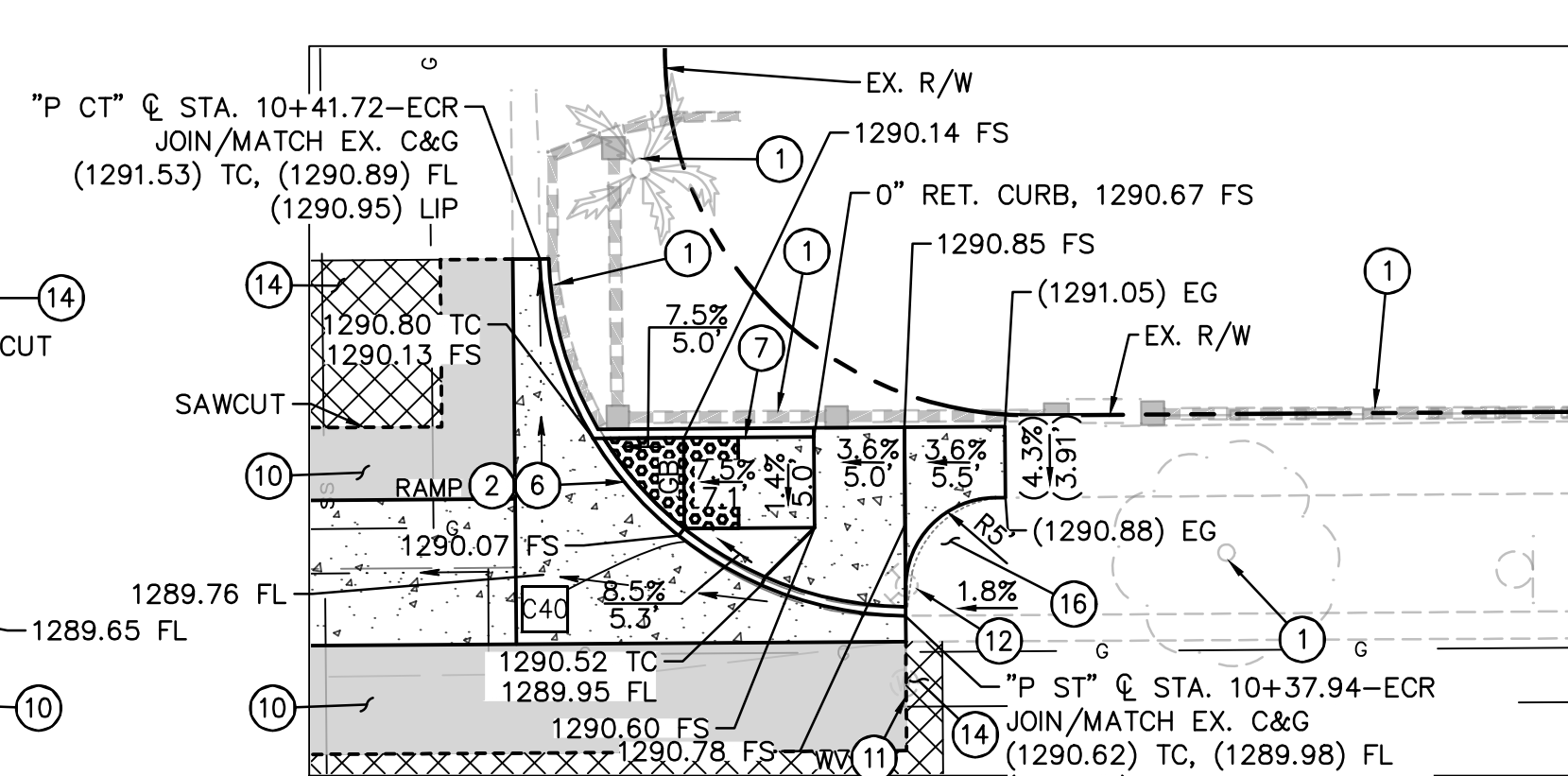
CURB RAMP DETAIL #37
SW CORNER OF PUMALO STREET AND EUCALYPTUS DRIVE
SCALE 1"=10'
CALTRANS CASE G



CURB RAMP DETAIL #38
SE CORNER OF PUMALO STREET AND EUCALYPTUS DRIVE
SCALE 1"=10'
CALTRANS CASE G



CURB RAMP DETAIL #39
NW CORNER OF PUMALO STREET AND PUMALO COURT
SCALE 1"=10'
CALTRANS CASE G



CURB RAMP DETAIL #40
NE CORNER OF PUMALO STREET AND PUMALO COURT
SCALE 1"=10'
CALTRANS CASE G

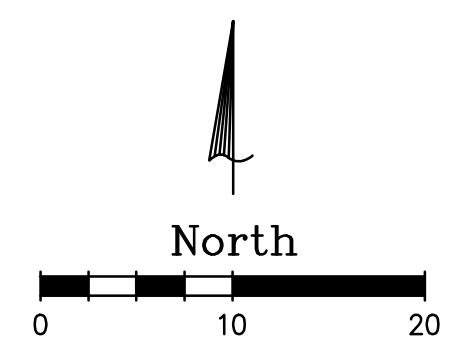
CONSTRUCTION NOTES:

- PROTECT IN PLACE, ITEM PER PLAN.
- REMOVE ITEM PER PLAN.
- REMOVE AND DISPOSE EXISTING SHRUBS, TREES, AND ROOTS TO 3- FEET BELOW FINISH SURFACE.
- CONSTRUCT 4-INCH THICK P.C.C. SIDEWALK OVER 90% COMPACTED NATIVE PER SAN BERNARDINO COUNTY STD PLAN NO 109 AND AS SHOWN ON PLANS.
- CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STANDARD PLAN, CASE AND TYPE PER PLANS. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.
- CONSTRUCT RETAINING CURB PER SPPWC STD PLAN 111-5 DETAIL D, AND AS SHOWN ON PLANS. CURB HEIGHT VARIES.
- SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40' PG 64-10, TYPE A, 3/4" AGGREGATE OVER 0.70' COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
- ADJUST EXISTING UTILITY TO GRADE.
- CONSTRUCT FIRE HYDRANT DETAIL ON SHEET 2.
- COLD PLANE EXISTING PAVEMENT MINIMUM 0.17' AND OVERLAY PAVEMENT WITH 0.17' MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.
- INSTALL IN KIND LANDSCAPE AND IRRIGATION.
- CONSTRUCT CURB RAMP AS SHOWN ON PLANS AND PER CALTRANS STD PLAN A88A, CASE PER PLAN. INCLUDE CURB AND GUTTER, RETAINING CURB, AND SIDEWALK OVER 90% COMPACTED NATIVE. WET SET TRUNCATED DOME MAT COLOR YELLOW.

CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C31	50.48'	32.00'	90° 31' 43"	32.25'
C32	49.49'	32.00'	88° 32' 10"	31.22'
C33	31.30'	20.00'	91° 37' 11"	20.13'
C34	31.25'	20.00'	89° 21' 24"	19.81'
C35	31.39'	20.00'	91° 56' 14"	20.23'
C36	32.00'	20.00'	90° 47' 55"	20.47'
C37	30.74'	20.00'	86° 22' 31"	19.14'
C38	29.24'	20.00'	82° 28' 36"	17.80'
C39	31.76'	20.00'	89° 47' 48"	20.19'
C40	31.10'	20.00'	87° 43' 47"	19.52'



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				SOUTHEAST DEL ROSA AREA ADA RAMPS			
DESIGNED BY: FR		DRAWN BY: WG		CHECKED BY: AA		RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER 7/5/24 DATE	
APPROVED BY: Mervat Mkhail, P.E. DEPUTY DIRECTOR 7/8/24 DATE		6-27-24 DATE		J.L. REF. J.L.XXXX		W.O. NO. H15032	
FIELD CHANGES				PLAN SCALE 1"=10'		SHT. NO. 6	
						TOT.SHT'S. 16	

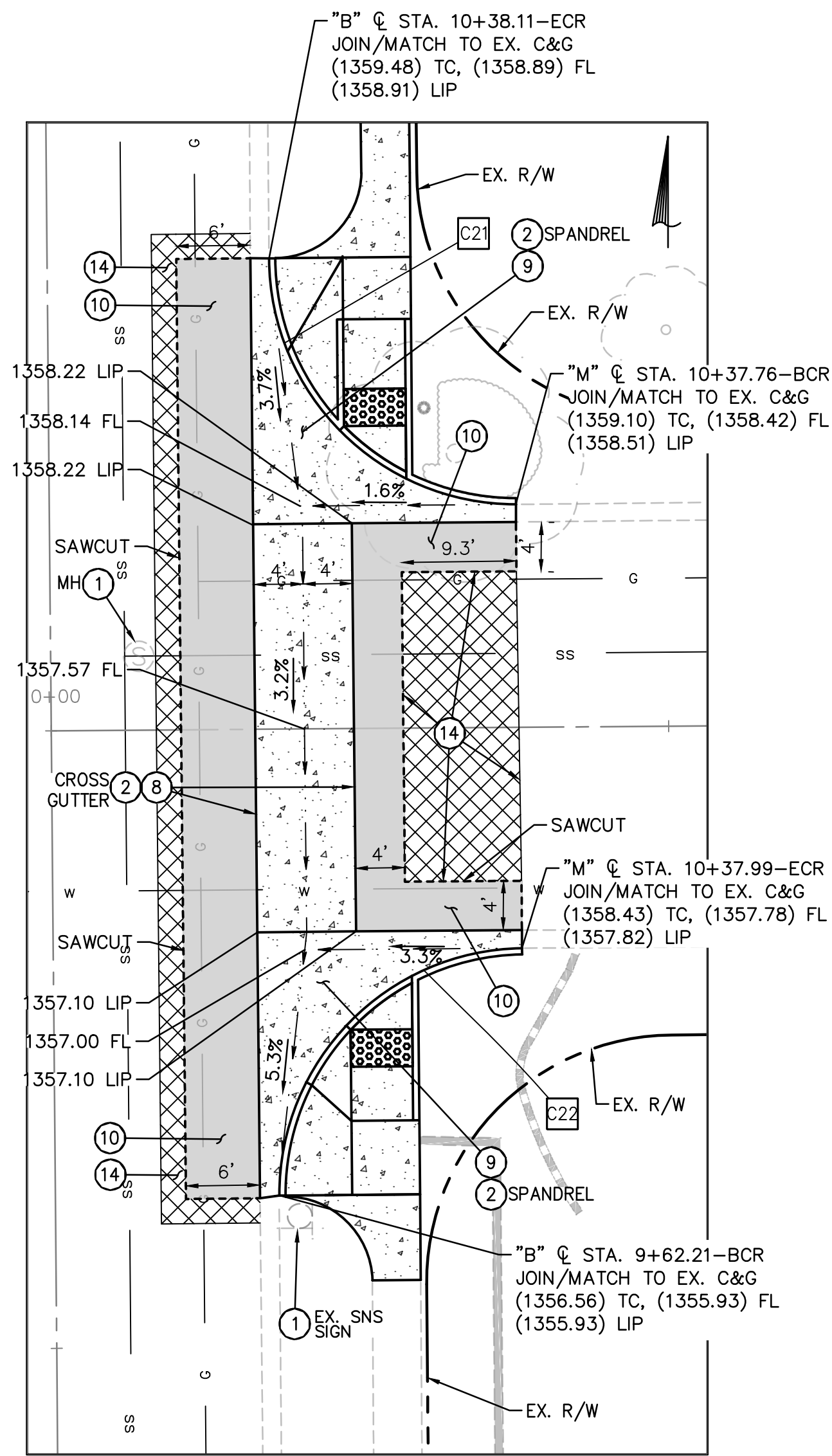


FILE NO. 171900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-030, 674250-040, 674250-050, 674150-010

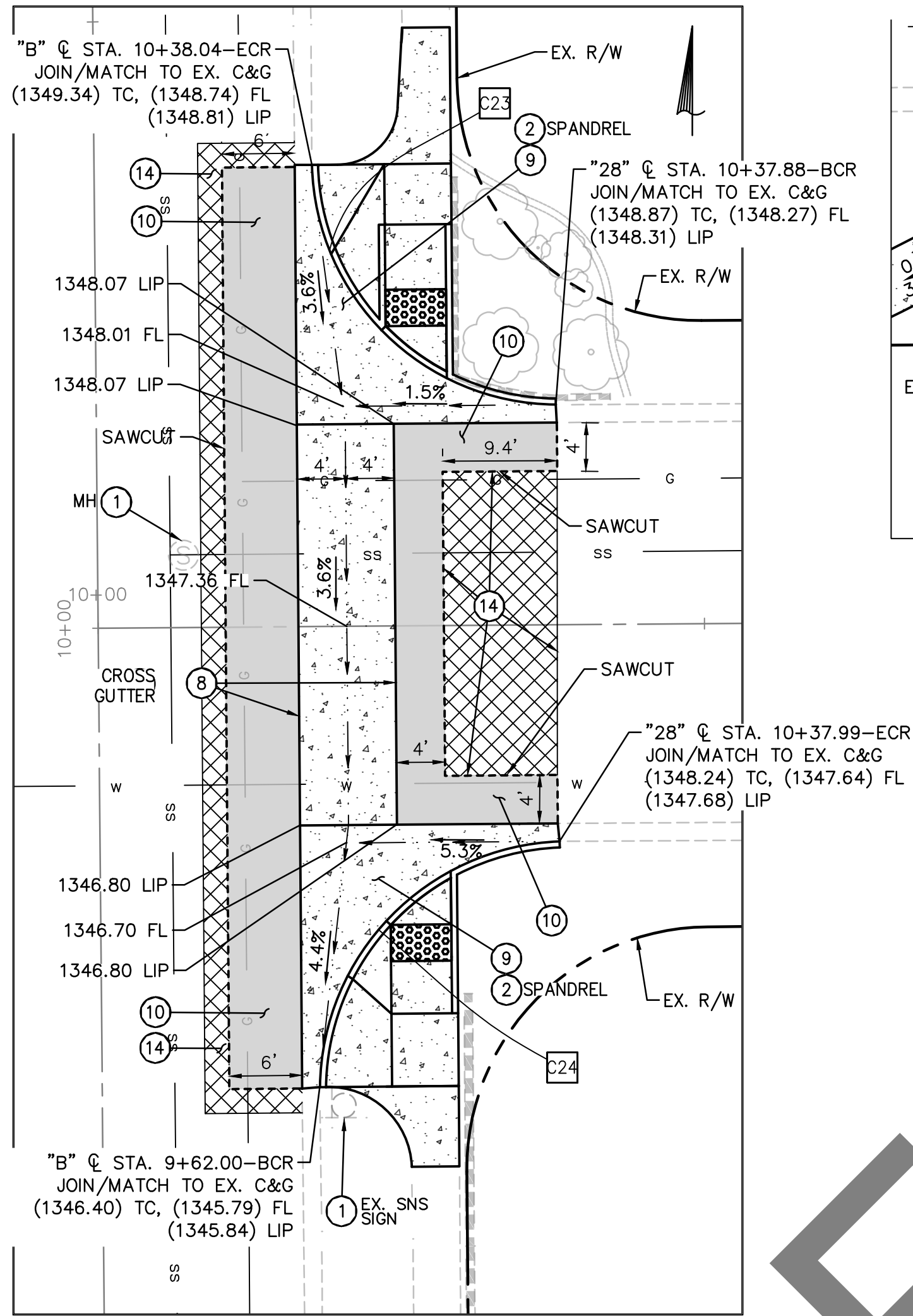
FILE NO: 900-020, 171900-030, 553350-010, 553350-020, 831800-010, 831800-020, 832300-020, 240750-020, 537300-030, 771450-020, 287550-020, 616150-010, 616150-020, 335050-020, 335050-030, 335050-040, 423000-030, 863150-020, 553050-010, 553200-030, 674250-040, 674250-050, 674150-010

DATE	APPR.	REVISIONS	MARK

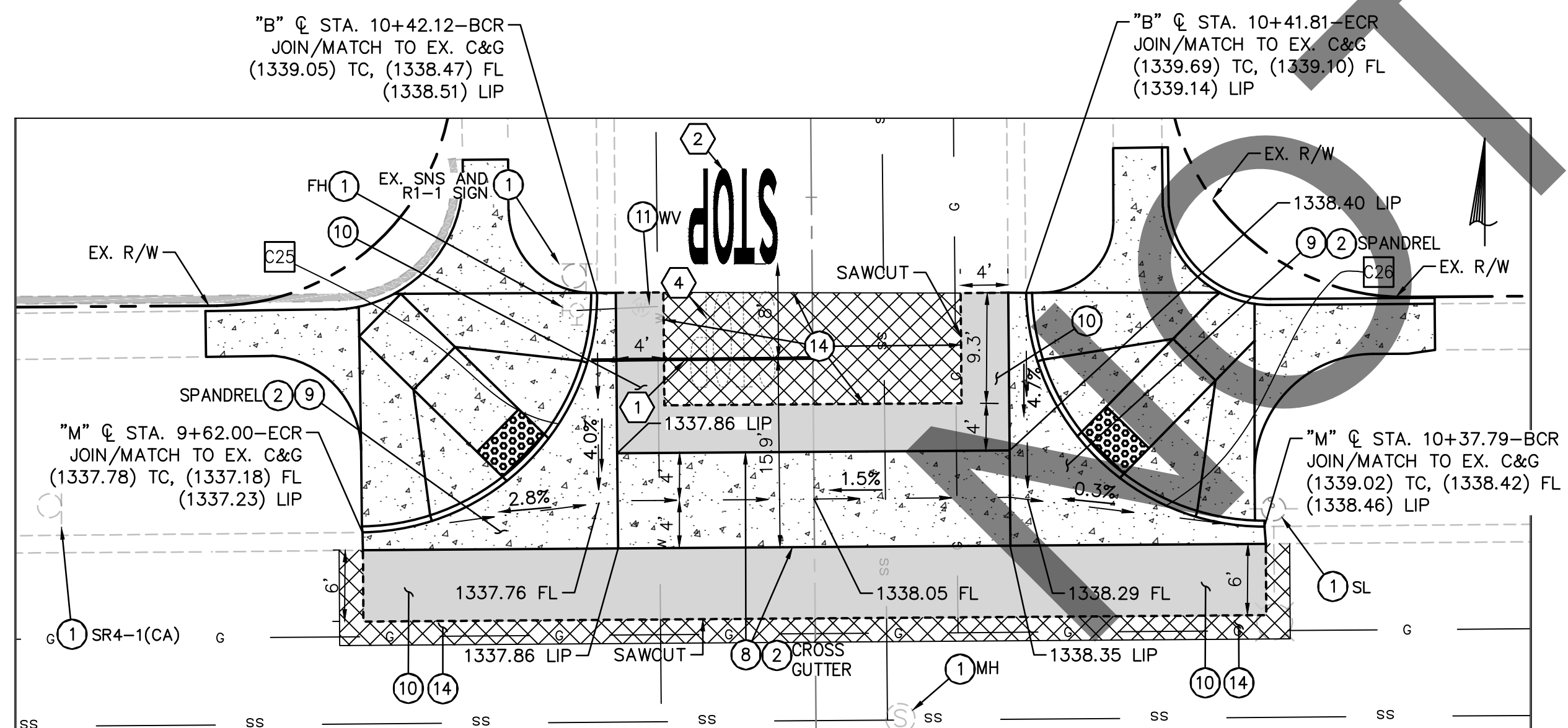
DATE	APPR.	REVISIONS	MARK



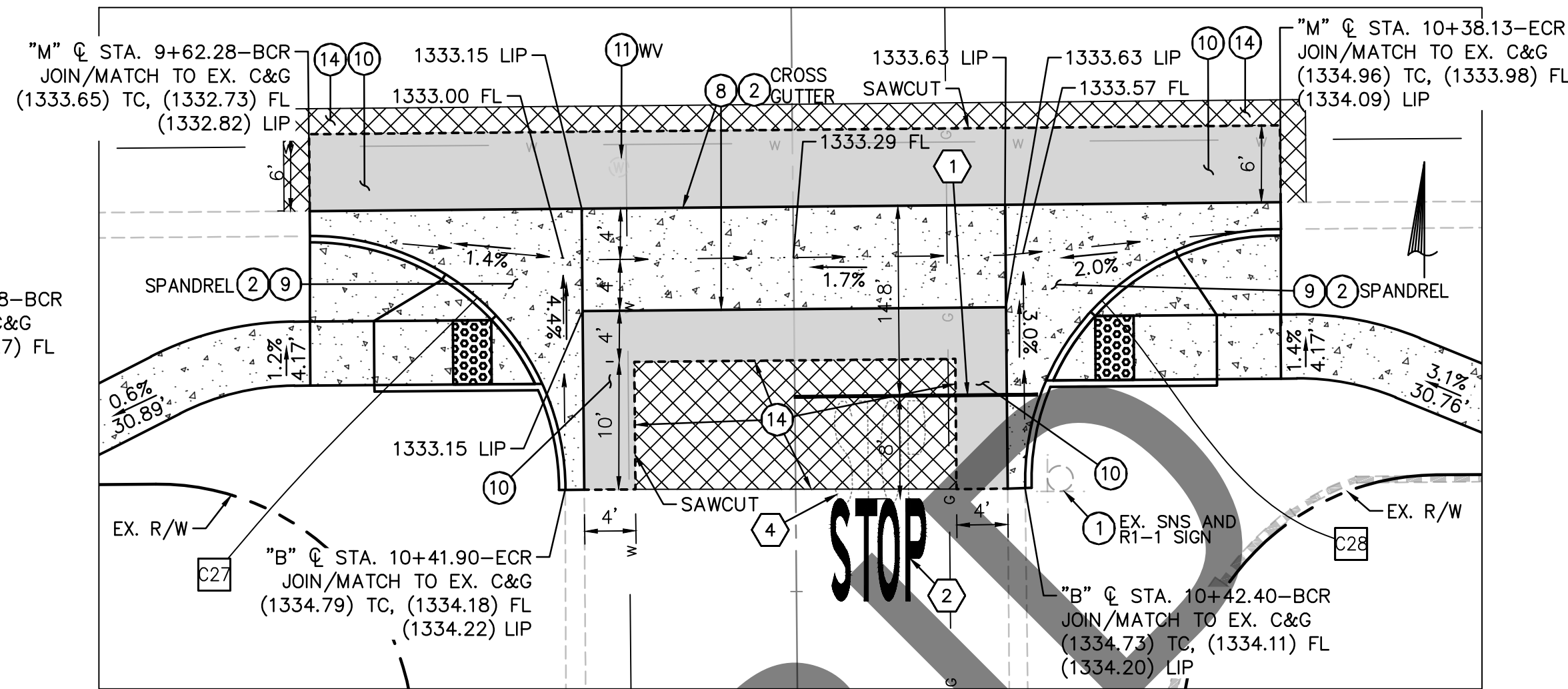
CROSS GUTTER DETAIL #10
EAST SIDE OF BLYTHE AVENUE AND MIRADA STREET
SCALE 1"=10'



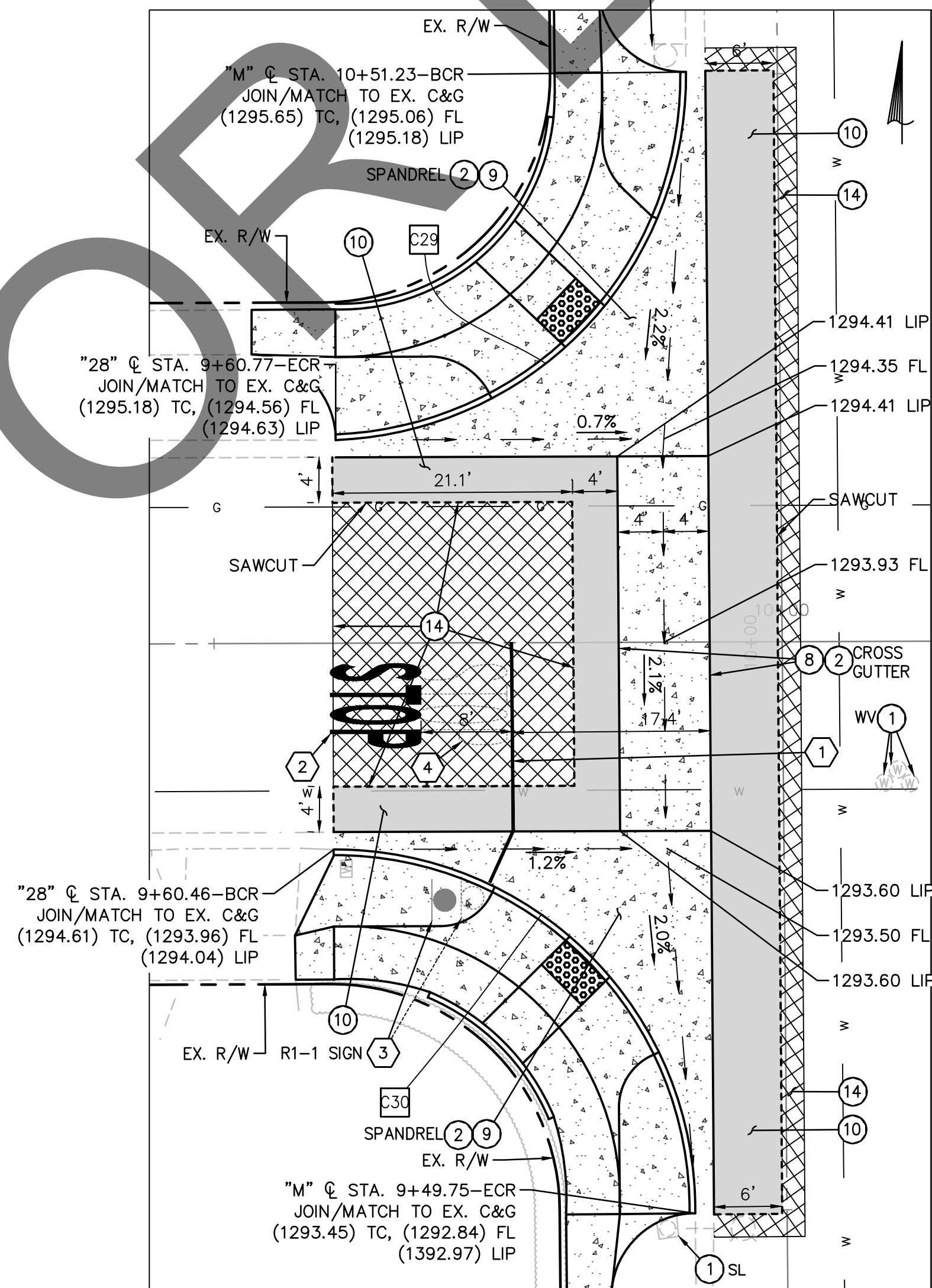
CROSS GUTTER DETAIL #11
EAST SIDE OF BLYTHE AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'



CROSS GUTTER DETAIL #12
NORTH SIDE OF BLYTHE AVENUE AND DATE STREET
SCALE 1"=10'



CROSS GUTTER DETAIL #13
SOUTH SIDE OF DATE STREET AND EUCALYPTUS DRIVE
SCALE 1"=10'



CROSS GUTTER DETAIL #14
WEST SIDE OF MCKINLEY AVENUE AND TWENTY EIGHT STREET
SCALE 1"=10'

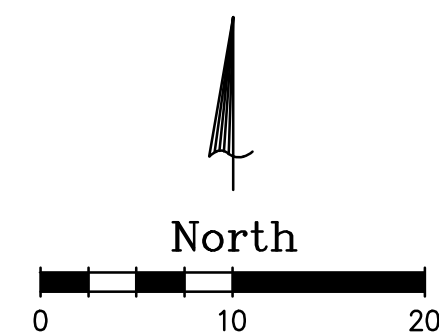
CURVE TABLE				
CURVE#	LENGTH	RADIUS	DELTA	TANGENT
C21	31.34'	20.00'	89° 51' 19"	19.94'
C22	31.14'	20.00'	89° 28' 36"	19.76'
C23	31.21'	20.00'	88° 12' 13"	19.65'
C24	31.24'	20.00'	87° 07' 47"	19.54'
C25	31.26'	20.00'	89° 30' 29"	19.84'
C26	31.12'	20.00'	89° 08' 58"	19.71'
C27	31.23'	20.00'	90° 14' 01"	19.91'
C28	31.74'	20.00'	92° 26' 32"	20.53'
C29	49.52'	32.00'	88° 37' 46"	31.25'
C30	50.23'	32.00'	90° 43' 27"	32.12'

CONSTRUCTION NOTES:

- PROTECT IN PLACE, ITEM PER PLAN.
- REMOVE ITEM PER PLAN.
- CONSTRUCT 8-INCH THICK P.C.C. 8' CROSS GUTTER PER SAN BERNARDINO COUNTY STD PLAN 119.
- CONSTRUCT CURB, GUTTER, AND SPANDREL PER SAN BERNARDINO COUNTY STD PLAN NO 115.
- SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS AND CONSTRUCT 0.40' PG 64-10, TYPE A, 3/4" AGGREGATE OVER 0.70' COMPACTED CLASS II AGGREGATE BASE OVER COMPACTED NATIVE FOR THE STRUCTURAL SECTION ON THE PLANS AND IN THE SPECIAL PROVISIONS.
- ADJUST EXISTING UTILITY TO GRADE.
- COLD PLANE EXISTING PAVEMENT MINIMUM 0.17' AND OVERLAY PAVEMENT WITH 0.17' MIN AC PAVEMENT PER DETAIL "A" ON SHEET 2.

SIGNING AND STRIPING NOTES:

- APPLY 12" WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- APPLY WHITE PAVEMENT "STOP" PER CALTRANS STANDARD PLAN A24D, AS SHOWN ON THE PLAN.
- RELOCATE EXISTING SIGN AND/OR POST, AS SHOWN ON PLAN PER CA MUTCD 2014, FIG 2A-2(CA).
- REMOVE STRIPING AND MARKING BY WET SANDBLASTING.



	SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				SOUTHEAST DEL ROSA AREA ADA RAMPS CROSS GUTTER DETAIL DEL ROSA AREA				
	DESIGNED BY: FR	DRAWN BY: WG	CHECKED BY: AA	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER 7/5/24 DATE	J.L. REF. J.L.XXXX	W.O. NO. H15032	PLAN SCALE 1"=10'	SHT. NO. 9	TOT.SHT'S. 16
	FIELD CHANGES				APPROVED BY: Mervat Withkail, P.E. DEPUTY DIRECTOR 7/8/24 DATE				