

4 REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013
APC ALLOWABLE PIPE MATERIAL

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	28	81

06-20-13
 REGISTERED CIVIL ENGINEER DATE

RODOLFO D. GABRIEL
 No. 67462
 Exp. 06-30-15
 CIVIL

08-05-13
 PLANS APPROVAL DATE

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

DESIGNATION	CSP	RCP	HD POLYETHYLENE	PVC
			TYPE C OR S	TYPE C OR S
12" APC	12"	12"	12"	12"
18" APC	18"	18"	18"	18"
24" APC	24"	24"	24"	24"
30" APC	30"	30"	30"	30"
24" AIT FES	24"	24"	24"	24"

DRAINAGE QUANTITIES

LAYOUT SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	IMPORTED TOPSOIL	SAND BACKFILL	MINOR CONCRETE (MINOR STRUCTURE)	ABANDON CULVERT	AUSTIN SAND FILTER (N)	INFILTRATION SYSTEM	FLAP GATE	12" APC	18" APC	24" AIT FES	24" APC	30" APC	PIPE JOINT TYPE	36" REINFORCED CONCRETE PIPE RISER MANHOLE FRAME AND COVER (N)	MISCELLANEOUS IRON & STEEL	HEIGHT OF INLET (N)	REMOVE CONCRETE DITCH	HEIGHT OF COVER (N)	CONCRETE COLLAR (N)	CONCRETE APRON	RSP (No 2, METHOD B)	DITCH EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	ROADWAY EXCAVATION	JACKED 36" WELDED STEEL PIPE CASING	DESCRIPTION	STATION	LAYOUT SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	
			CY	CY	CY	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA						EA
L-1	1	a	51																113					42					BIOSWALE SWALE (L=113)		L-1	1	a
		b																											REMOVE CONCRETE DITCH				b
L-1	2	a			9.00								16		S		191	14.5		4.5								G-2 INLET W/ 24-13 GRATE	143.13'L+ "MZ1" 151+04.40			a	
		b																		2								24" APC				b	
		c										1												116				24" AIT FES				c	
		d	94																									BIOSWALE (L=210')		L-1	2	d	
		e										1								2								24" AIT FES				e	
		f											16		S					2								24" APC				f	
		g			4.68												191	7.50					0.7					Mod G-2 INLET W/ 24-13 GRATE	200.38'L+ "MZ1" 152+94.22			g	
		h		23			1																					ABANDON CULVERT 24" RCP (L=195')				h	
L-2	3	a			3.83											1	800			1								JS W/ 36" MANHOLE COVER	222.74'R+ "MZ1" 175+32.05			a	
		b							2	46					S													2-12" APC W/ FLAP GATES				b	
		c						1																538	1175			INFILTRATION SYSTEM				c	
		d							2	20										6.2								2-12" APC W/ FLAP GATE				d	
		e			3.52											5.57	1	800										JS W/ 36" MANHOLE COVER	230.31'R+ "MZ1" 175+20.52			e	
		f											34		S					5.1							24" APC				f		
		g			3.60												191	6.8		2.95								G-2 INLET W/ 24-13 GRATE	240.30'R+ "MZ1" 174+88.42	L-2	3	g	
		h											24		S												24" APC				h		
		i			3.52											1	800			2.5								JS W/ 36" MANHOLE COVER	190.07'R+ "MZ1" 174+97.96			i	
		j											87		S												24" APC				j		
		k			3.52											1	800											JS W/ 36" MANHOLE COVER	112.09'R+ "MZ1" 174+78.49			k	
		l		2			1																					ABANDON CULVERT 24" RCP L=4')				l	
		m																								30		JACKED 36" WELDED STEEL PIPE CASING				m	
L-3	4	a	311																				389					BIOSWALE (L=699')		L-3	4	a	
L-3	5	a											17		S					2.55	1							24" APC W/ CONCRETE COLLAR		L-3	5	a	
		b																										AUSTIN SAND FILTER (SEE SHHET DQ-3)				b	
		c											35		S					2.75								24" APC				c	
		d			2.05												191	2.92				0.90						G-2 INLET W/ 24-13 GRATE W/Conc APRON	94.57'L+ "94R1" 197+38.31			d	
L-3	5A	a								26					S					6.51								18" APC		L-3	5A	a	
		b		4			1																					ABANDON CULVERT 18" RCP (L=15')				b	
		c			3.52											1.37	1	800										JS W/ 36" MANHOLE COVER	149.87'L+ "94R1" 197+72.06			c	
		d								148										6.51	1							18" APC W/ CONCRETE COLLAR				d	
		e		11			1																					ABANDON CULVERT 18" RCP (L=40')				e	
SHEET TOTAL			456	40	37.24	4	1	1	4	66	174	2	229			6.94	5	4764		113	2	0.90	0.7	547	538	1175	30						

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

DRAINAGE QUANTITIES
DQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 KAZIM MAMDANI
 RUDY GABRIEL
 GERRY CRUZ
 REVISOR BY DATE REVISOR

LAST REVISION DATE PLOTTED => 07-NOV-2013
 11-06-13 TIME PLOTTED => 09:55

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

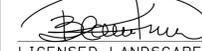
DESIGNED BY	CRISTINA BLANCO-KRAUSS
CHECKED BY	RODNEY MAYFIELD
SENIOR LANDSCAPE ARCHITECT	STEPHEN ALVAREZ
REVISIONS	
REVISED BY	
DATE REVISED	

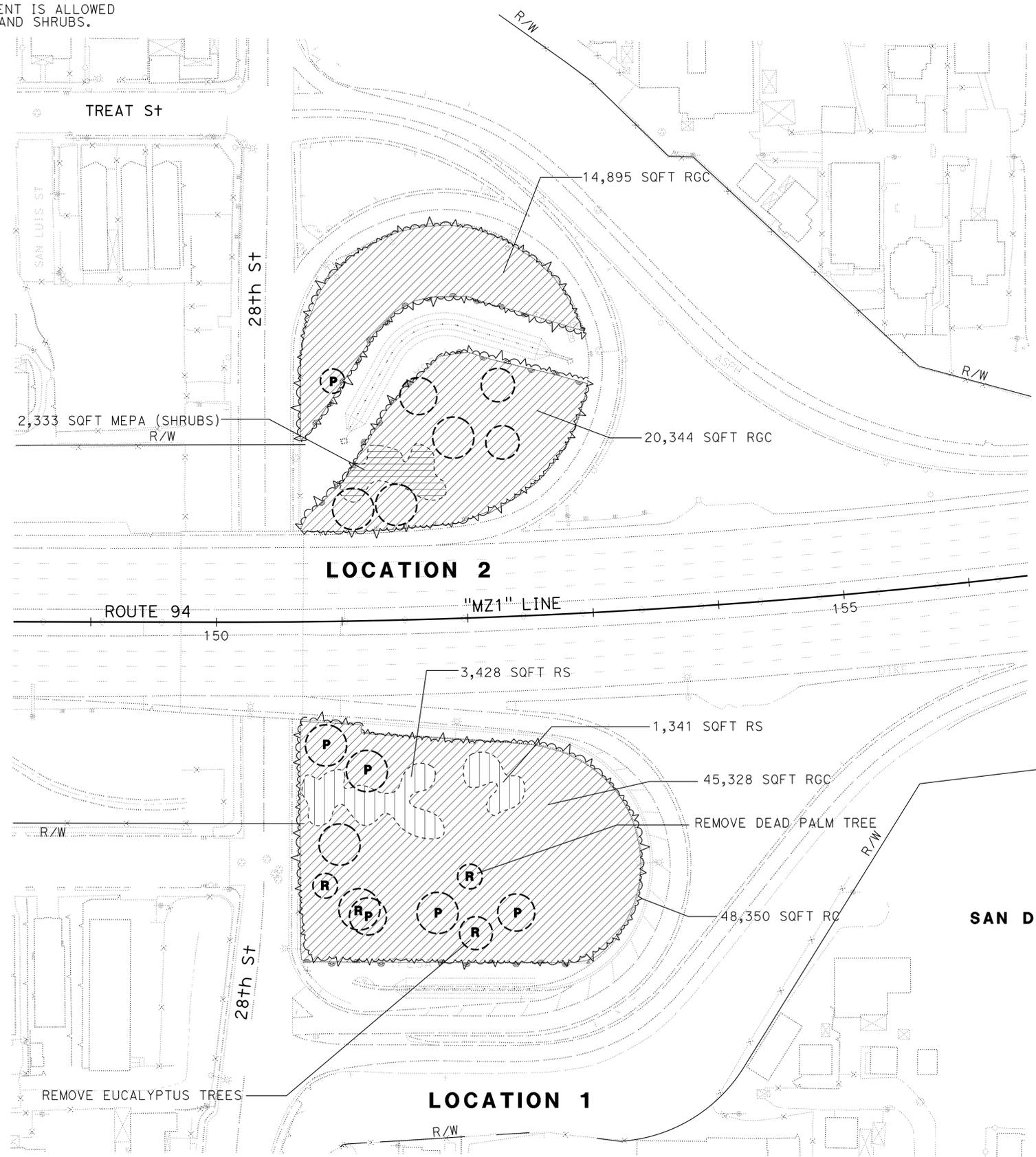
NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- NO STORAGE OF MATERIALS AND EQUIPMENT IS ALLOWED WITHIN THE DRIPLINE OF EXIST TREES AND SHRUBS.

4 REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	39	81


 LICENSED LANDSCAPE ARCHITECT
 08-05-13
 PLANS APPROVAL DATE
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LEGEND:

-  ROADSIDE CLEARING (RC)
-  EXIST TREE TO REMAIN
-  EXIST SHRUBS TO REMAIN
-  PRUNE EXIST PLANTS (TREES)
-  MAINTAIN EXIST PLANTED AREAS (MEPA) (SHRUBS OR GROUND COVER)
-  REMOVE TREES
-  REMOVE SHRUBS (RS)
-  REMOVE GROUND COVER (RGC)



PLANT REMOVAL PLAN
LOCATIONS 1 & 2
PR-1

SCALE: 1" = 50'

APPROVED FOR PLANT REMOVAL WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 STEPHEN ALVAREZ

CALCULATED-DESIGNED BY
 CHECKED BY

CRISTINA BLANCO-KRAUSS
 RODNEY MAYFIELD

REVISED BY
 DATE REVISED

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	40	81

LICENSED LANDSCAPE ARCHITECT
 08-05-13
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SAN DIEGO

4 REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013

**PLANT REMOVAL PLAN
 LOCATION 3**

APPROVED FOR PLANT REMOVAL WORK ONLY

SCALE: 1" = 50'

PR-2



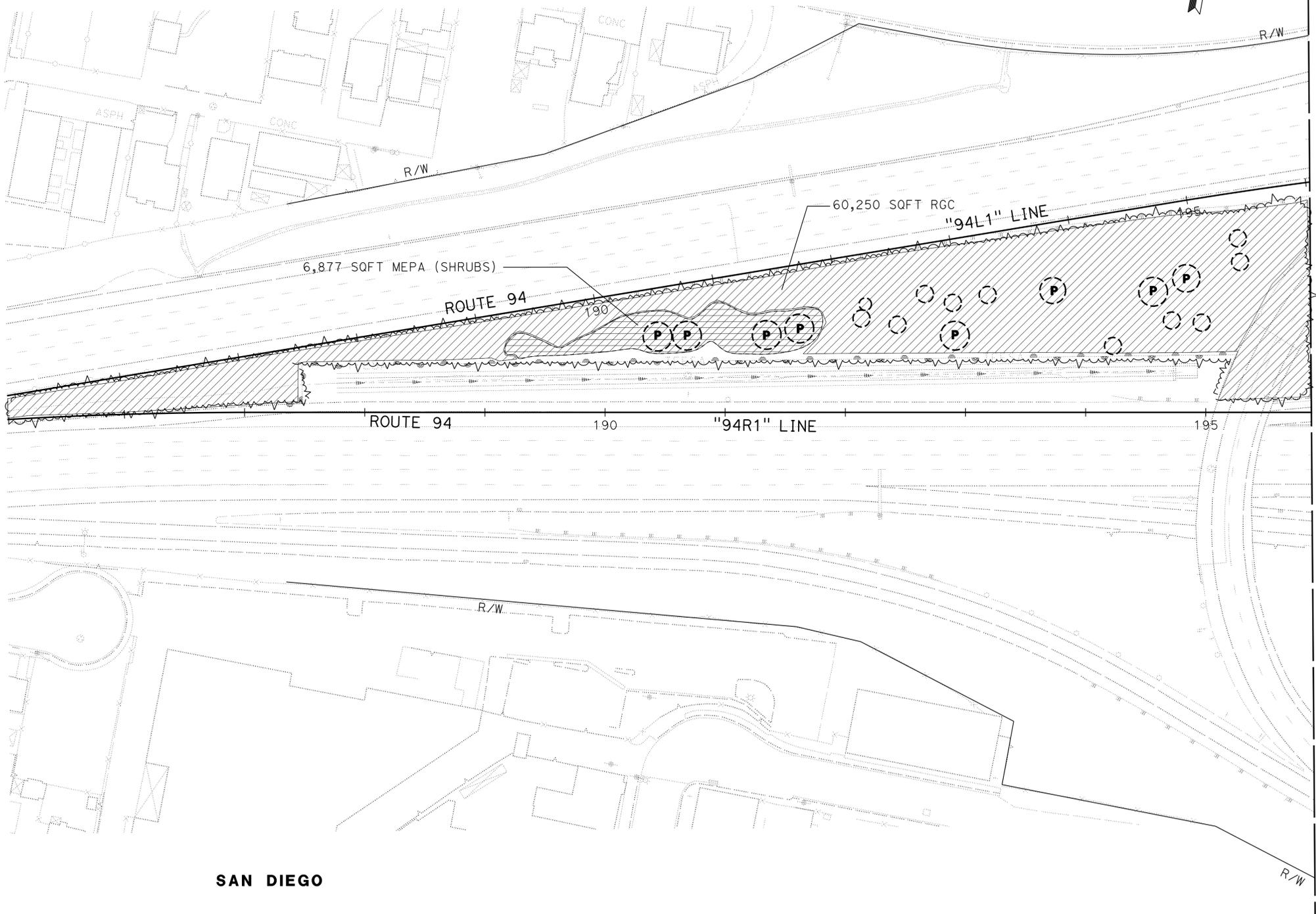
REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	41	81

LICENSED LANDSCAPE ARCHITECT
 08-05-13
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SAN DIEGO

PLANT REMOVAL PLAN LOCATION 4

PR-3

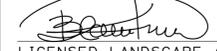
APPROVED FOR PLANT REMOVAL WORK ONLY

SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE
SENIOR LANDSCAPE ARCHITECT	STEPHEN ALVAREZ
CALCULATED/DESIGNED BY	CHECKED BY
CRISTINA BLANCO-KRAUSS	RODNEY MAYFIELD
REVISED BY	DATE REVISED

4 REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013

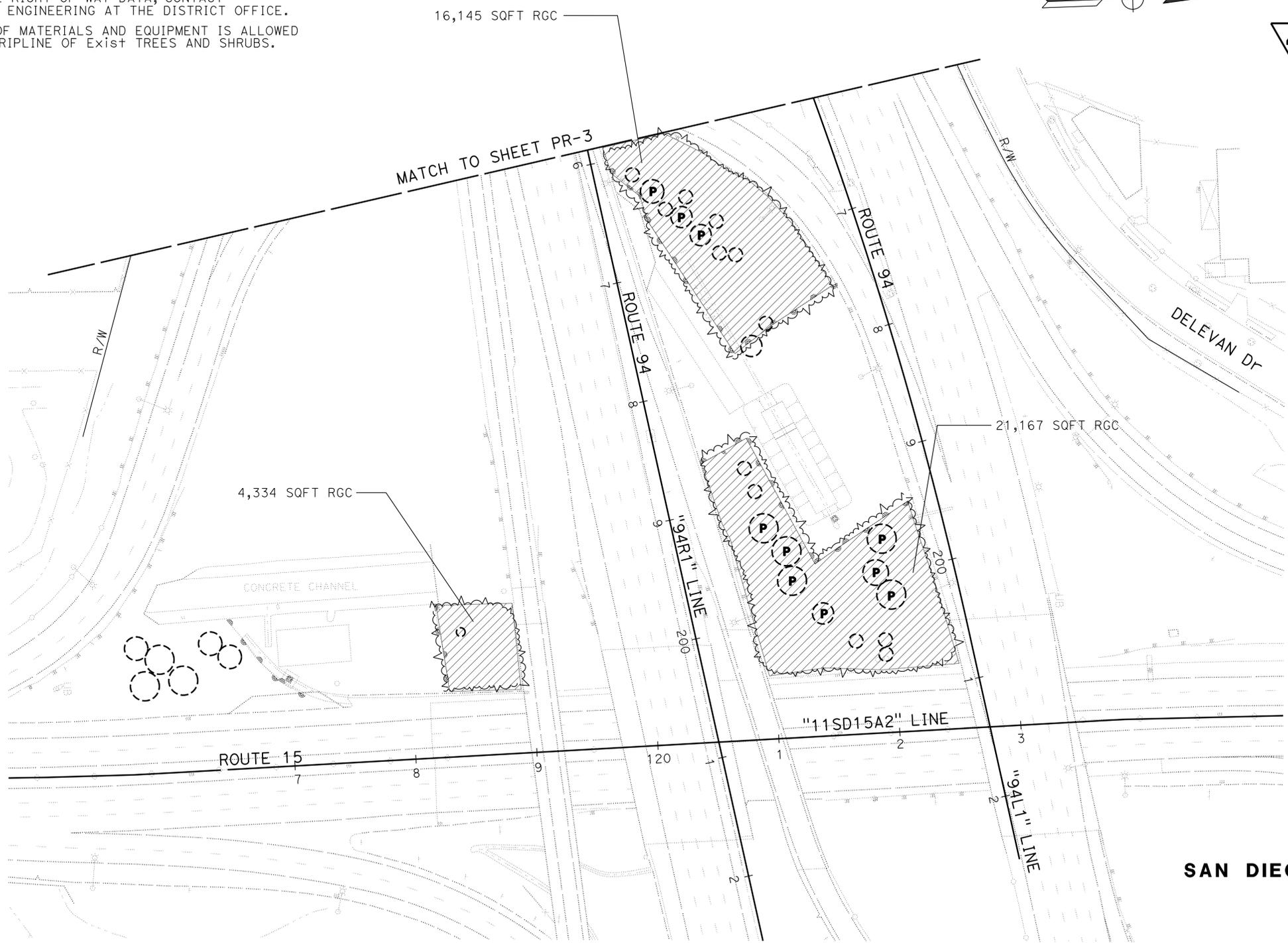
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	42	81


 LICENSED LANDSCAPE ARCHITECT
 08-05-13
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LOCATION 8

LOCATION 5

SAN DIEGO

**PLANT REMOVAL PLAN
LOCATIONS 5 & 8**

APPROVED FOR PLANT REMOVAL WORK ONLY

SCALE: 1" = 50'

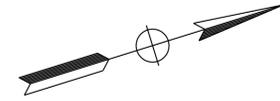
PR-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	CRISTINA BLANCO-KRAUSS	RODNEY MAYFIELD
SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	CHECKED BY
STEPHEN ALVAREZ		

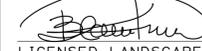
4 REPLACED PER ADDENDUM No. 4 DATED NOVEMBER 8, 2013

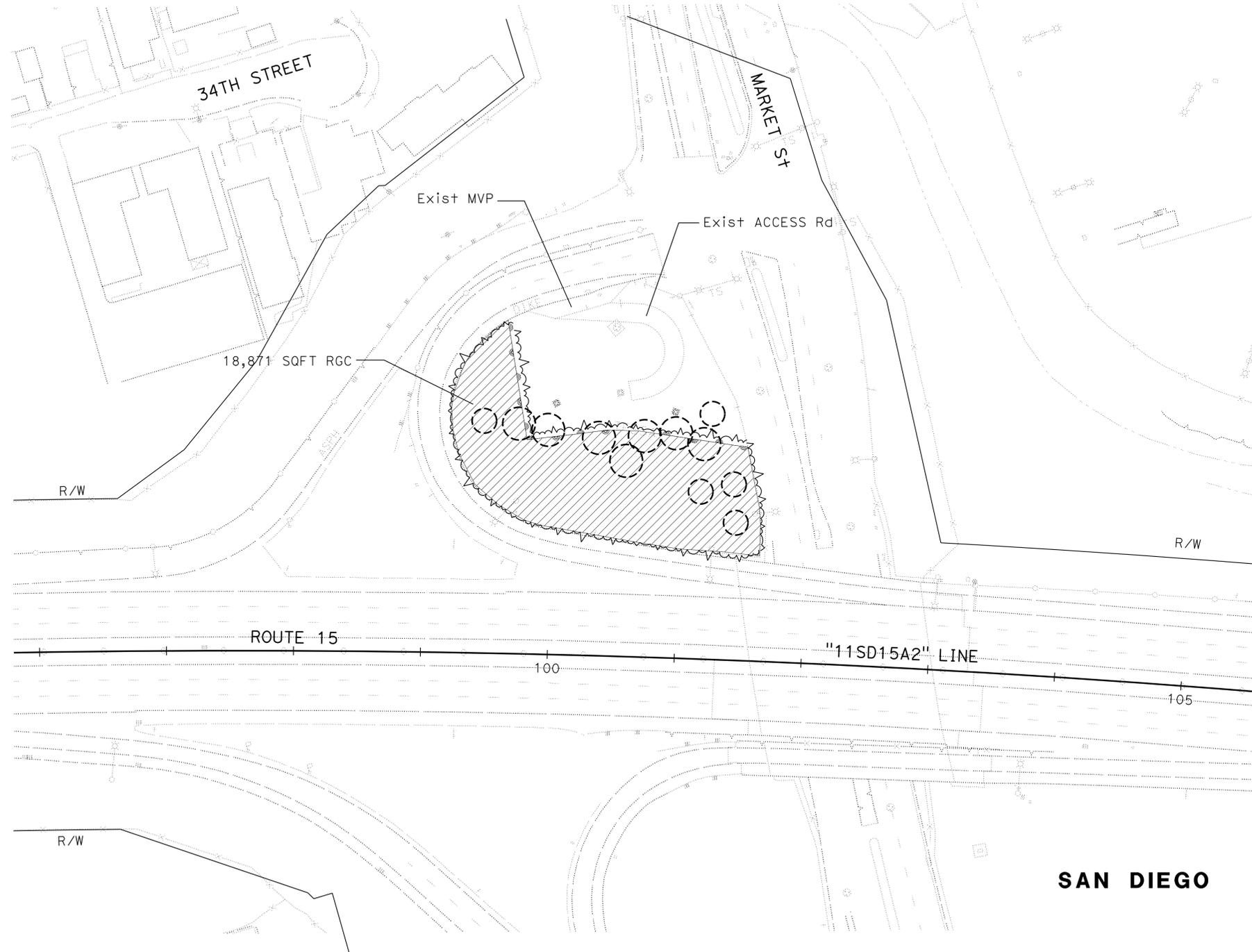
NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. NO STORAGE OF MATERIALS AND EQUIPMENT IS ALLOWED WITHIN THE DRIPLINE OF EXIST TREES AND SHRUBS.



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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 LICENSED LANDSCAPE ARCHITECT
 08-05-13
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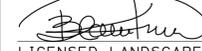
CALCULATED-DESIGNED BY	CHECKED BY	SENIOR LANDSCAPE ARCHITECT	DEPARTMENT OF TRANSPORTATION
CRISTINA BLANCO-KRAUSS	RODNEY MAYFIELD	STEPHEN ALVAREZ	LANDSCAPE ARCHITECTURE
REVISED BY	DATE REVISED		

APPROVED FOR PLANT REMOVAL WORK ONLY

**PLANT REMOVAL PLAN
LOCATION 7
PR- 5**

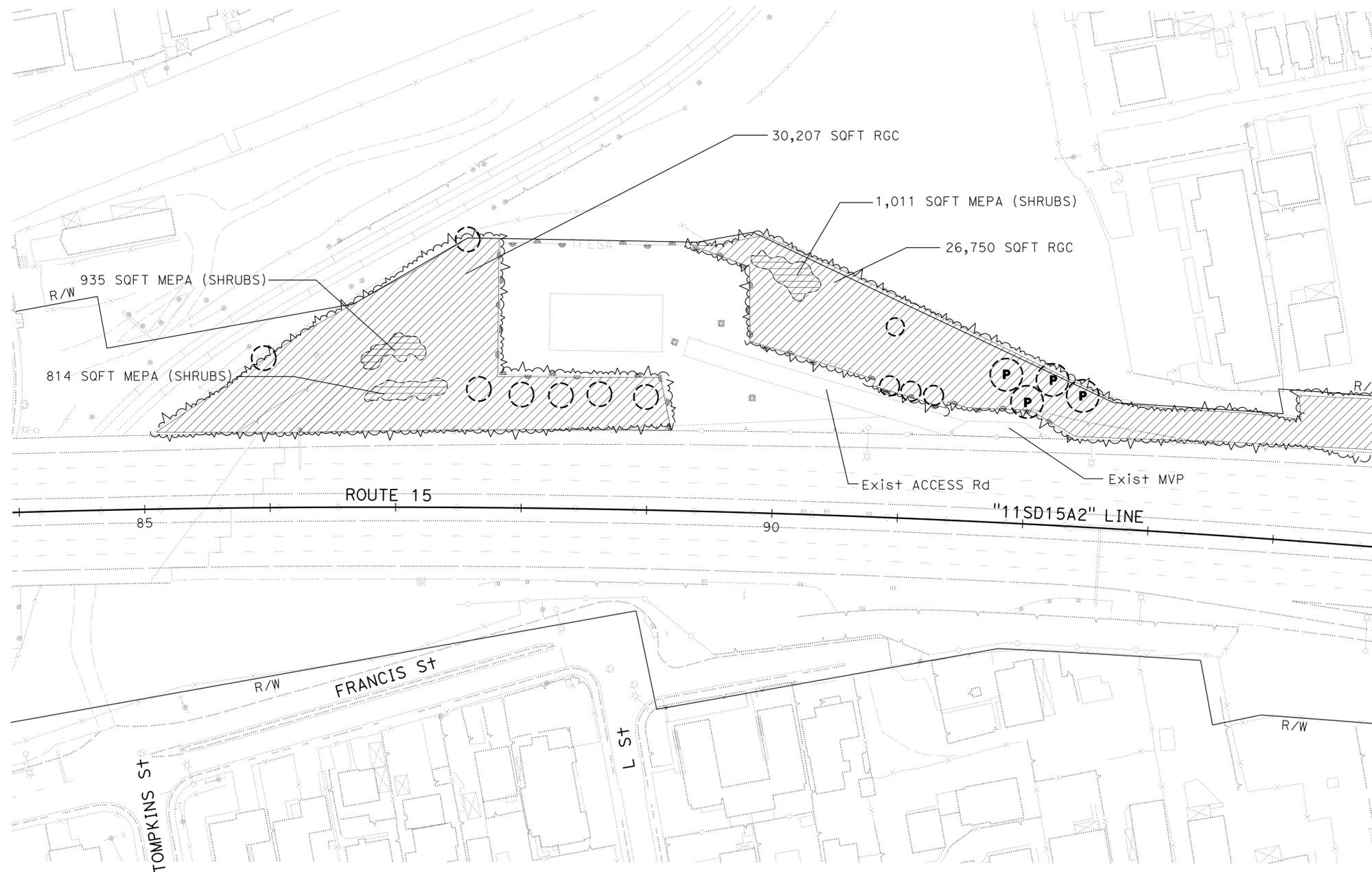
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	15,94	Var	44	81

 LICENSED LANDSCAPE ARCHITECT		
08-05-13 PLANS APPROVAL DATE		
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SAN DIEGO

**PLANT REMOVAL PLAN
LOCATION 6**

APPROVED FOR PLANT REMOVAL WORK ONLY

SCALE: 1" = 50'

PR-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE
	
SENIOR LANDSCAPE ARCHITECT	STEPHEN ALVAREZ
CALCULATED-DESIGNED BY	CHECKED BY
CRISTINA BLANCO-KRAUSS	RODNEY MAYFIELD
REVISED BY	DATE REVISED

