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

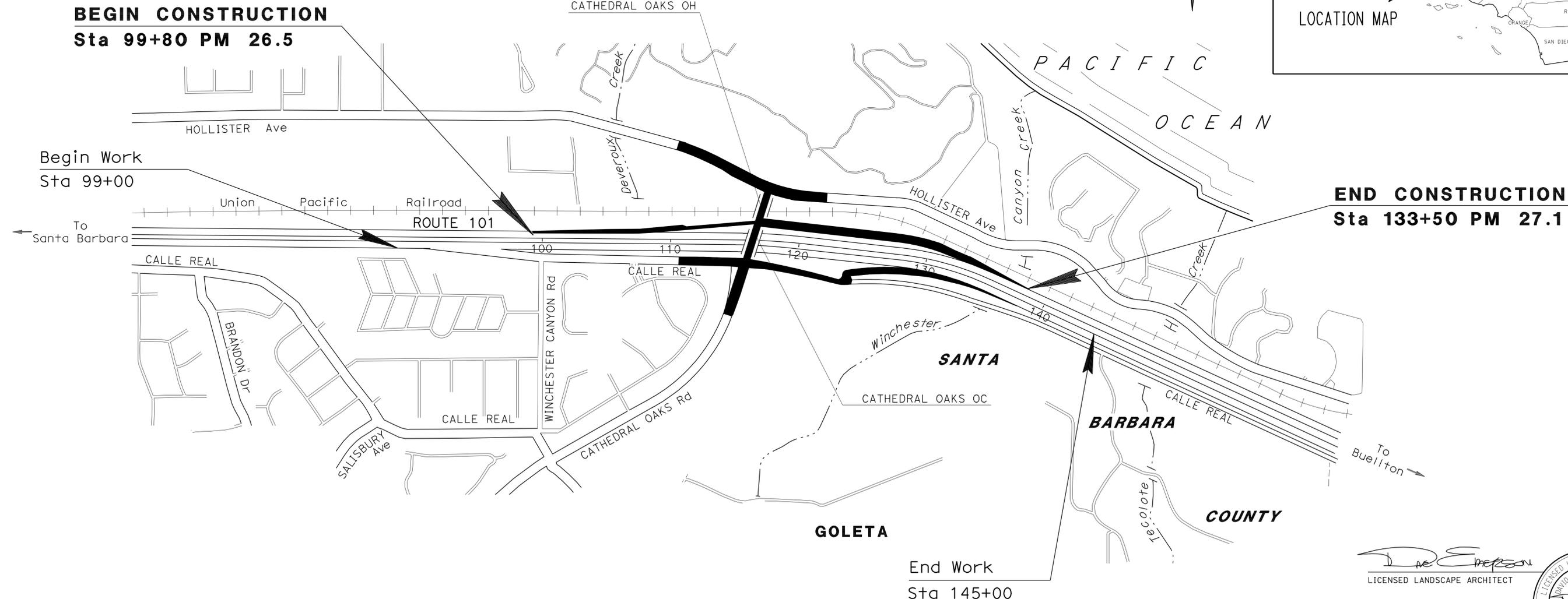
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SANTA BARBARA COUNTY
IN GOLETA
FROM 0.3 MILE SOUTH TO 0.3 MILE NORTH
OF CATHEDRAL OAKS ROAD OVERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	1	46



Caltrans



PROJECT MANAGER
PAUL MARTINEZ
 SENIOR LANDSCAPE ARCHITECT
DENNIS J REEVES


 LICENSED LANDSCAPE ARCHITECT
 July 5, 2011
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CONTRACT No.	05-0M14V4
PROJECT ID	0500000804

DATE PLOTTED => 06-JUL-2011
 TIME PLOTTED => 08:40
 LAST REVISION 04-19-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES

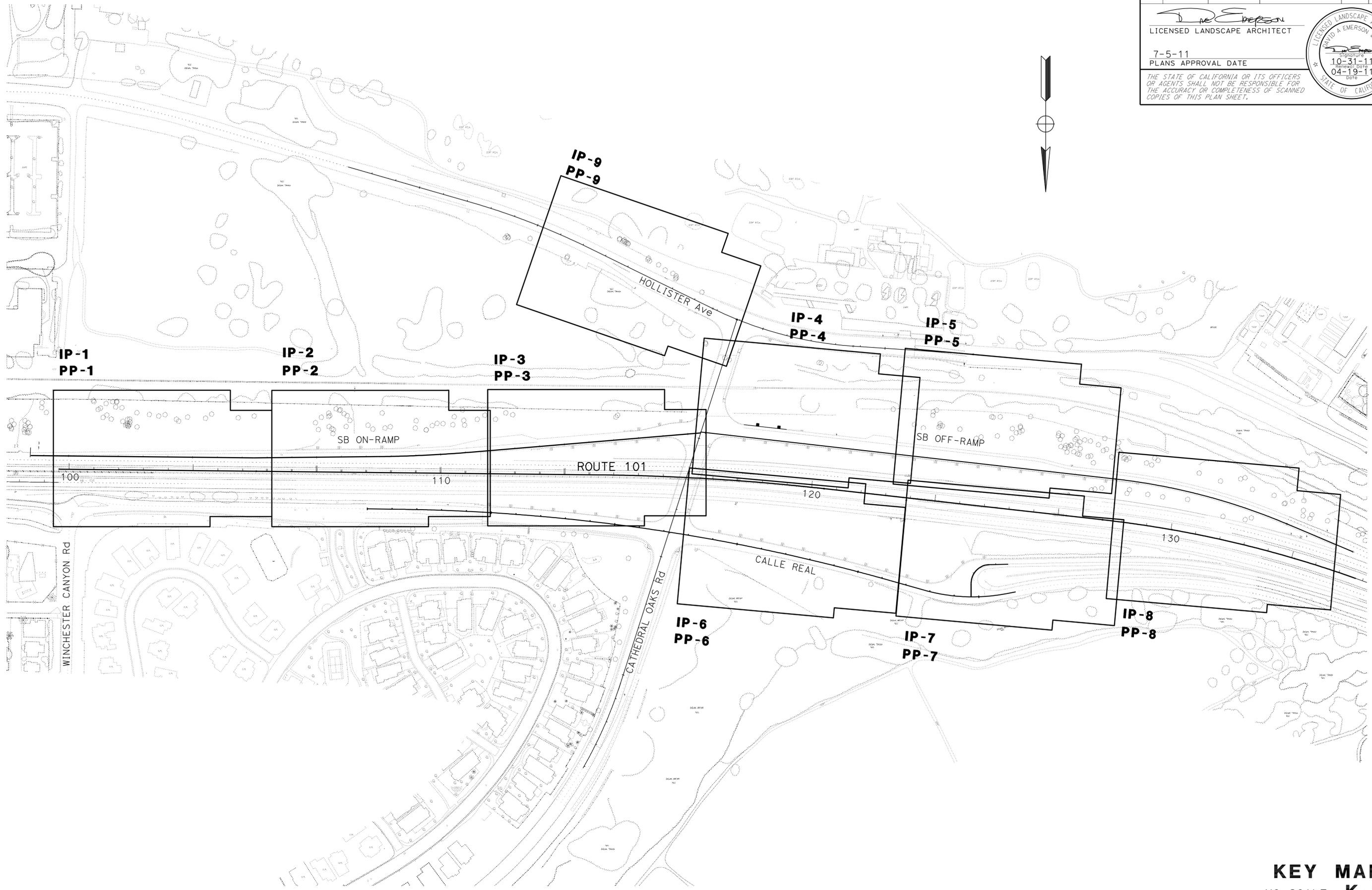
CALCULATED/DESIGNED BY
 CHECKED BY

DAVID EMERSON
 KRISTEN LANGAGER

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	2	46


 LICENSED LANDSCAPE ARCHITECT
 7-5-11
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KEY MAP
 NO SCALE **K-1**

CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS
A	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 4" X 6"	6
B	G20-2	END ROAD WORK	36" x 18"	1 - 4" X 4"	6

NOTE: 1. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

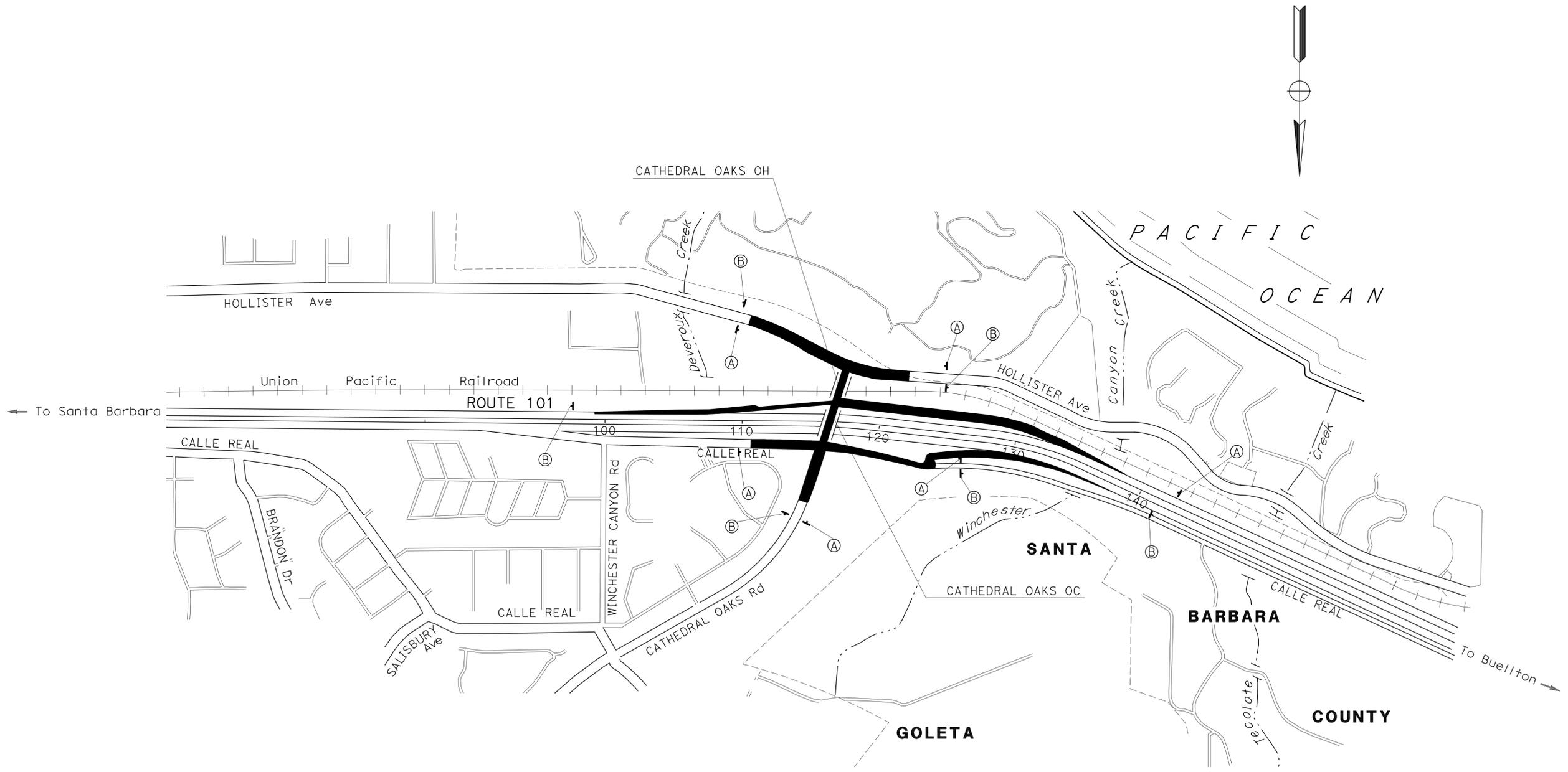
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	3	46

[Signature] 4-19-11
 REGISTERED CIVIL ENGINEER DATE

7-5-11
 PLANS APPROVAL DATE

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
 CALCULATED/DESIGNED BY: [Blank] CHECKED BY: [Blank]
 DAVID BLACK
 FAWZI YAGHMOUR
 REVISED BY: [Blank] DATE REVISED: [Blank]



THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS
NO SCALE
CS-1




 LICENSED LANDSCAPE ARCHITECT
 7-5-11
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SUBTOTALS PER PLAN SHEET ON MAIN SUPPLY SIDE OF CONTROL VALVE

DESCRIPTION	UNIT	SHEET NUMBER									SUBTOTALS	
		IP-1	IP-2	IP-3	IP-4	IP-5	IP-6	IP-7	IP-8	IP-9		
IRRIGATION CONTROLLER	FIELD UNIT 'T'	EA	-	-	1	-	-	-	-	-	-	1
	COMMUNICATION CABLE	LF	-	-	350	700	-	150	-	-	100	1300
VALVES AND ASSEMBLIES	SINGLE	EA	-	-	1	-	-	-	-	-	-	1
		EA	-	-	-	-	-	-	-	-	1	1
	2"	EA	-	-	-	-	-	-	-	-	1	1
	2"	EA	-	-	-	-	-	-	-	-	1	1
	1"	EA	-	-	4	7	-	2	3	-	1	17
	1 1/2"	EA	-	1	4	4	-	4	-	-	-	13
	2"	EA	-	-	-	-	-	-	-	-	1	1
	3"	EA	-	-	1	4	-	1	-	-	1	7
	2"	EA	-	-	3	3	-	1	1	-	1	9
	1"	EA	-	-	-	-	-	-	-	-	1	1
PLASTIC PIPE SUPPLY LINE	PR 315	1"	EA	-	-	-	3	-	1	1	-	5
		2"	EA	-	-	-	-	-	-	-	1	1
	2"	LF	-	20	200	130	-	50	30	-	10	440
	3"	LF	-	730	1100	900	400	600	60	-	50	3840
	WS FAUCARV	1"	EA	-	-	-	-	-	-	-	-	-
	FS BV	1"	EA	-	-	-	-	-	-	-	-	-
	GV	2"	EA	-	-	-	-	-	-	-	-	-
	RCV	1"	EA	-	-	-	-	-	-	-	-	-
	RCVM	2"	EA	-	-	-	-	-	-	-	-	-
	PRVCEC	2"	EA	-	-	-	-	-	-	-	-	-

TOTAL QUANTITIES

TOTALS	UNIT	DESCRIPTION	IRRIGATION CONTROLLER	VALVES AND ASSEMBLIES	SUPPLY LINE	PLASTIC PIPE	SPRINKLER TYPE
1	EA	FIELD UNIT 'T'					
1300	LF	COMMUNICATION CABLE					
1	EA	SINGLE					
1	EA	2"					
1	EA	2"					
17	EA	1"					
13	EA	1 1/2"					
1	EA	2"					
7	EA	3"					
9	EA	2"					
1	EA	1"					
2	EA	1"					
5	EA	1"					
1	EA	2"					
16	EA	1"					
9	EA	1 1/2"					
23,235	LF	1"					
3900	LF	1 1/2"					
1300	LF	2"					
40	LF	2 1/2"					
440	LF	2"					
3840	LF	3"					
7200	LF	1/2"					
25	EA	B-5					
14	EA	B-6					
2125	EA	C-2					
230	EA	C-2(MOD)					
1480	EA	D-1					

SUBTOTALS PER VALVE ON LATERAL SUPPLY SIDE OF CONTROL VALVE

DESCRIPTION	UNIT	VALVE OR ASSEMBLY NUMBER																											SUBTOTALS	UNIT	DESCRIPTION				
		T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10	T-11	T-12	T-13	T-14	T-15	T-16	T-17	T-18	T-19	T-20	T-21	T-22	T-23	T-24	T-25	T-26	T-27				T-28	T-29	T-30	
CV	1"	EA	1	2	-	1	1	-	1	1	-	-	-	-	-	-	2	1	-	2	-	-	-	2	1	1	-	-	-	-	16	EA	1"		
	1 1/2"	EA	-	-	1	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	2	1	-	-	-	-	9	EA	1 1/2"		
SUPPLY LINE SCH 40	1"	LF	510	720	650	840	775	670	750	1580	280	710	490	700	1280	1500	80	1100	1400	460	400	780	1000	390	460	840	1490	950	940	190	370	930	23,235	LF	1"
	1 1/2"	LF	40	20	240	-	35	60	330	-	-	-	-	220	270	-	-	30	-	310	225	130	40	30	40	600	320	480	-	200	280	3900	LF	1 1/2"	
	2"	LF	-	-	-	-	50	60	70	60	-	-	-	30	320	-	-	-	-	180	30	220	-	-	-	-	-	160	-	-	120	1300	LF	2"	
	2 1/2"	LF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	30	-	-	-	40	LF	2 1/2"	
IRRIGATION LINE	1/2"	LF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1630	-	-	7200	LF	1/2"	
SPRINKLER TYPE	B-5	EA	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	25	EA	B-5	
	B-6	EA	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	EA	B-6	
	C-2	EA	54	91	100	-	102	101	126	120	-	-	43	48	84	165	-	-	112	-	105	112	167	46	62	106	136	79	100	-	30	36	2125	EA	C-2
	C-2(MOD)	EA	2	-	-	-	-	-	18	-	-	-	-	8	28	-	-	-	-	-	-	-	2	-	-	-	42	-	44	-	22	64	230	EA	C-2(MOD)
	D-1	EA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	323	-	-	1480	EA	D-1	

SUMMARY OF QUANTITIES Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 LANDSCAPE ARCHITECT
 DAVID EMERSON
 KRISTEN LANGAGER
 REVISOR BY
 DATE REVISOR
 CALCULATED BY
 DESIGNED BY
 CHECKED BY
 DENNIS REEVES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES

CALCULATED/DESIGNED BY
 CHECKED BY

DAVID EMERSON
 KRISTEN LANGAGER

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	5	46


 LICENSED LANDSCAPE ARCHITECT
 7-5-11
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MULCH AND EROSION CONTROL

LOCATION	COMPOST (INCORPORATE)	COMPOST SOCK	EROSION CONTROL (COMPOST BLANKET)	EROSION CONTROL (DRY SEED)	EROSION CONTROL (HYDROSEED)	MULCH	
						BASIN	AREA
SHEET	SQYD	LF	CY	SQFT	SQFT	CY	CY
PP-1	-	-	-	-	-	4.9	-
PP-2	-	-	107	-	4200	2.2	-
PP-3	-	-	630	-	9700	-	12
PP-4	-	1340	630	-	14,800	4.3	-
PP-5	-	-	465	-	-	3.6	-
PP-6	1965	800	528	17,700	10,850	-	-
PP-7	410	900	360	3,700	23,100	-	-
PP-8	-	570	73	-	5800	-	40
PP-9	-	120	13	-	1000	3.8	-
SUBTOTAL	2375	3730	2806	21,400	69,450	18.8	52
PLANT ESTABLISHMENT APPLICATION	-	-	2806	-	-	18.8	52
TOTAL	2375	3730	5612	21,400	69,450	141.6	

TEMPORARY FENCE (TYPE ESA)

LOCATION	LF
SHEET	LF
PP-1	120
PP-2	625
PP-3	-
PP-4	-
PP-5	-
PP-6	540
PP-7	855
PP-8	-
PP-9	-
TOTAL	2140

IRRIGATION SLEEVES

LOCATION				LF
SHEET	STA	SIDE		
		L	R	
IP-7	122+50	X		10
IP-7	122+60	X		10
TOTAL				20

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

	UNIT	QTY
TEMPORARY DRAINAGE INLET PROTECTION	EA	13

SUMMARY OF QUANTITIES Q-2

LAST REVISION DATE PLOTTED => 06-JUL-2011 05-09-11 TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	6	46


 LICENSED LANDSCAPE ARCHITECT
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ABBREVIATIONS:

AMEND — amendment
 B & B — balled and burlapped
 Dia — diameter
 EA — each
 LB — pound
 Oz — ounce
 Ft — foot/feet
 SQFT — square feet
 SQYD — square yard
 CF — cubic feet
 CY — cubic yard

Max — maximum
 Min — minimum
 NCN — no common name
 No. — number
 Pkt — packet
 PLT ESTB — plant establishment
 Pvmt — pavement
 R/W — right of way
 SF — state furnished
 TRVD — traveled
 ESA — environmentally sensitive area

NOTE:

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

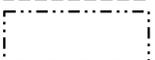
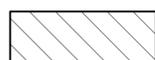
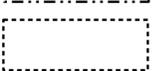
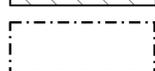
PLANT LIST AND PLANTING SPECIFICATIONS

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH)		BASIN TYPE	IRON SULFATE	SOIL AMEND	COMMERCIAL FERTILIZER ①		BASIN MULCH ①②	STAKING	PLANTING LIMITS						REMARKS		
							Dia	DEPTH				PLANTING	PLT ESTB			ETW	Pvmt	FENCE	MBGR	FROM			ON CENTER (ft)	
																				PAVED DITCH	EARTH DITCH			
A	1	○	<u>CEANOTHUS</u> 'YANKEE POINT'	CALIFORNIA LILAC	No. 1	539	24	12	I I	-	-	1 Pkt	3 Oz	-	-	-	10	10	-	-	5	8	SHRUB ⑩	
	2	⊕	<u>DENDROMECON</u> RIGIDA	BUSH POPPY	No. 1	198	24	12	I I	-	-	1 Pkt	3 Oz	-	-	-	10	5	-	-	10	7	SHRUB ⑩	
	3	⊖	<u>HETEROMELES</u> ARBUTIFOLIA	TOYON	No. 1	155	24	12	I I	-	-	1 Pkt	3 Oz	-	-	-	10	10	-	-	10	8	SHRUB ⑩	
	4	✕	<u>MUHLENBERGIA</u> LINDHEIMERI	LINDHEIMER'S MUHLY	No. 1	401	24	12	-	-	-	1 Pkt	3 Oz	-	-	-	15	-	-	-	-	2	SHRUB ⑩	
	5	⊕	<u>MYRICA</u> CALIFORNICA	PACIFIC WAX MYRTLE	No. 1	59	24	12	I I	-	-	1 Pkt	3 Oz	1/2 CF	-	-	30	-	10	-	-	12	12	SHRUB ⑩
	6	⊙	<u>QUERCUS</u> AGRIFOLIA	COAST LIVE OAK	No. 1	35	③	③	④	-	-	-	3 Oz	-	-	⑪	8	-	10	-	-	10	6	TREE
	7	⊖	<u>RHAMNUS</u> CALIFORNICA 'EVE CASE'	COFFEEBERRY	No. 1	123	24	12	I I	-	-	1 Pkt	3 Oz	1/2 CF	-	-	10	10	-	-	10	8	SHRUB ⑩	
	8	⊖	<u>RHUS</u> INTEGRIFOLIA	LEMONADEBERRY	No. 1	145	24	12	I I	-	-	1 Pkt	3 Oz	1/2 CF	-	-	10	10	-	-	10	8	SHRUB ⑩	
	9	⊖	<u>RHUS</u> LAURINA	LAUREL SUMAC	No. 1	28	24	12	I I	-	-	1 Pkt	3 Oz	1/2 CF	-	-	20	20	-	-	10	12	SHRUB ⑩	
	10	⊖	<u>ROMNEYA</u> COULTERI	MATILIJIA POPPY	No. 1	112	24	12	I I	-	-	1 Pkt	3 Oz	1/2 CF	-	-	10	15	-	-	10	7	SHRUB ⑩	
B	11	⊖	<u>CUPRESSUS</u> MACROCARPA	MONTEREY CYPRESS	No. 5	21	③	③	④	-	-	2 Pkt	6 Oz	-	⑥	35	-	10	35	-	10	⑤	TREE ⑩	
	12	⊖	<u>LYONOTHAMNUS</u> FLORIBUNDUS 'ASPLENIFOLIUS'	CATALINA IRONWOOD	No. 5	14	③	③	④	-	-	2 Pkt	6 Oz	-	⑥	30	-	10	15	-	10	⑤	TREE ⑩	
	13	⊖	<u>QUERCUS</u> AGRIFOLIA	COAST LIVE OAK	No. 5	2	③	③	④	-	-	2 Pkt	6 Oz	-	⑥	30	-	10	15	-	12	⑤	TREE, NATURAL FORM ⑩	
I	14	⊖	<u>ARTEMESIA</u> CALIFORNICA	CALIFORNIA SAGEBRUSH	4" POT	457	③	③	④	-	-	-	3 Oz	-	-	8	-	-	-	-	10	6	SHRUB	
	15	⊖	<u>BACCHARIS</u> PILULARIS	COYOTE BRUSH	4" POT	457	③	③	④	-	-	-	3 Oz	-	-	8	-	-	-	-	10	6	SHRUB	
	16	⊖	<u>SALVIA</u> MELLIFERA	BLACK SAGE	4" POT	457	③	③	④	-	-	-	3 Oz	-	-	8	-	-	-	-	10	6	SHRUB	

APPLICABLE WHEN CIRCLED:

- ① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
- ② - EROSION CONTROL (COMPOST BLANKET) AREA QUANTITIES INCLUDE PLACING 4" DEPTH COMPOST WITHIN BASINS.
- ③ - SUFFICIENT TO RECEIVE ROOT BALL
- ④ - SEE DETAIL FOR PLANTING IN CELLULAR REINFORCEMENT
- ⑤ - AS SHOWN ON PLANS
- ⑥ - REQUIRED
- 7 - REQUIRED AS SHOWN ON PLANS
- 8 - UNLESS OTHERWISE SHOWN ON PLANS
- ⑨ - BASIN AREA MODIFIED TO 6 Ft Dia.
- ⑩ - ROOT PROTECTOR REQUIRED
- ⑪ - Min. 30 ft FROM ETW, Min 10 ft BEHIND GUARDRAIL
- ⑫ - TREE TO BE GUYED PER DETAIL ON PLANS
- ⑬ - HOLE DEPTH FOR TREES PLANTED IN EROSION CONTROL (DRY SEED) TO BE 36"

LEGEND:

	LIMITS OF ROADSIDE CLEARING		COMPOST (INCORPORATE) EROSION CONTROL (DRY SEED)		TEMPORARY FENCE (TYPE ESA)		EXISTING PLANTING TO REMAIN
	EROSION CONTROL (COMPOST BLANKET) 4" DEPTH		EROSION CONTROL (HYDROSEED)		EROSION CONTROL (COMPOST SOCK)		
	AREA MULCH 4" DEPTH		AREAS OF EXISTING CELLULAR REINFORCEMENT				

PLANT LIST PL-1

LAST REVISION: 05-09-11 DATE PLOTTED => 06-JUL-2011 TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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 LICENSED LANDSCAPE ARCHITECT

7-5-11
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PLANT LIST AND PLANTING SPECIFICATIONS

PLANT GROUP	PLANT No.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY EACH	HOLE SIZE (INCH)		BASIN TYPE	IRON SULFATE	SOIL AMEND	COMMERCIAL FERTILIZER ①		BASIN MULCH ①②	STAKING	PLANTING LIMITS						REMARKS			
							Dia	DEPTH				PLANTING	PLT ESTB			MINIMUM DISTANCE (F+) FROM				ON CENTER (F+)					
																ETW	Pvmt	FENCE	MBGR		PAVED DITCH		EARTH DITCH		
K	17		<u>CUPRESSUS MACROCARPA</u>	MONTEREY CYPRESS	36" Box	2	72	36	⑨	-	-	14 Pkt	16 oz	-	⑫	35	-	10	35	-	10	⑤	TREE		
	U	18		<u>ACER MACROPHYLLA</u>	BIG LEAF MAPLE	No. 15	16	36	18	I I	-	-	7 Pkt	8 oz	2 CF	⑥	30	-	-	15	-	10	⑤	TREE	⑩
		19		<u>AESCULUS CALIFORNICA</u>	CALIFORNIA BUCKEYE	No. 15	39	36	18	I I	-	-	7 Pkt	8 oz	-	-	30	-	10	15	-	12	⑤	TREE, NATURAL FORM	⑩
		20		<u>CERCIS OCCIDENTALIS</u>	WESTERN REDBUD	No. 15	25	36	18	I I	-	-	7 Pkt	8 oz	2 CF	-	30	15	-	15	-	10	⑤	TREE, NATURAL FORM	⑩
		21		<u>CUPRESSUS MACROCARPA</u>	MONTEREY CYPRESS	No. 15	111	36	18	I I	-	-	7 Pkt	8 oz	2 CF	⑥	35	-	10	35	-	10	⑤	TREE	⑩
		22		<u>JUGLANS CALIFORNICA</u>	CALIFORNIA WALNUT	No. 15	16	36	18	I I	-	-	7 Pkt	8 oz	2 CF	⑥	30	-	-	15	-	10	⑤	TREE	⑩
		23		<u>LYONOTHAMNUS FLORIBUNDUS 'ASPENIFOLIUS'</u>	CATALINA IRONWOOD	No. 15	75	36	18	I I	-	-	7 Pkt	8 oz	2 CF	⑥	30	-	10	15	-	10	⑤	TREE	⑩
		24		<u>PLATANUS RACEMOSA</u>	CALIFORNIA SYCAMORE	No. 15	96	36	⑬	I I	-	-	7 Pkt	8 oz	2 CF	⑥	35	-	15	15	-	10	⑤	TREE	⑩
		25		<u>QUERCUS AGRIFOLIA</u>	COAST LIVE OAK	No. 15	116	36	18	I I	-	-	7 Pkt	8 oz	2 CF	-	30	-	15	15	-	12	⑤	TREE, NATURAL FORM	⑩

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES
 CHECKED BY
 KRISTEN LANGAGER
 DAVID EMERSON
 REVISOR
 DATE REVISOR

PLANT LIST PL-2

LAST REVISION DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 08:36

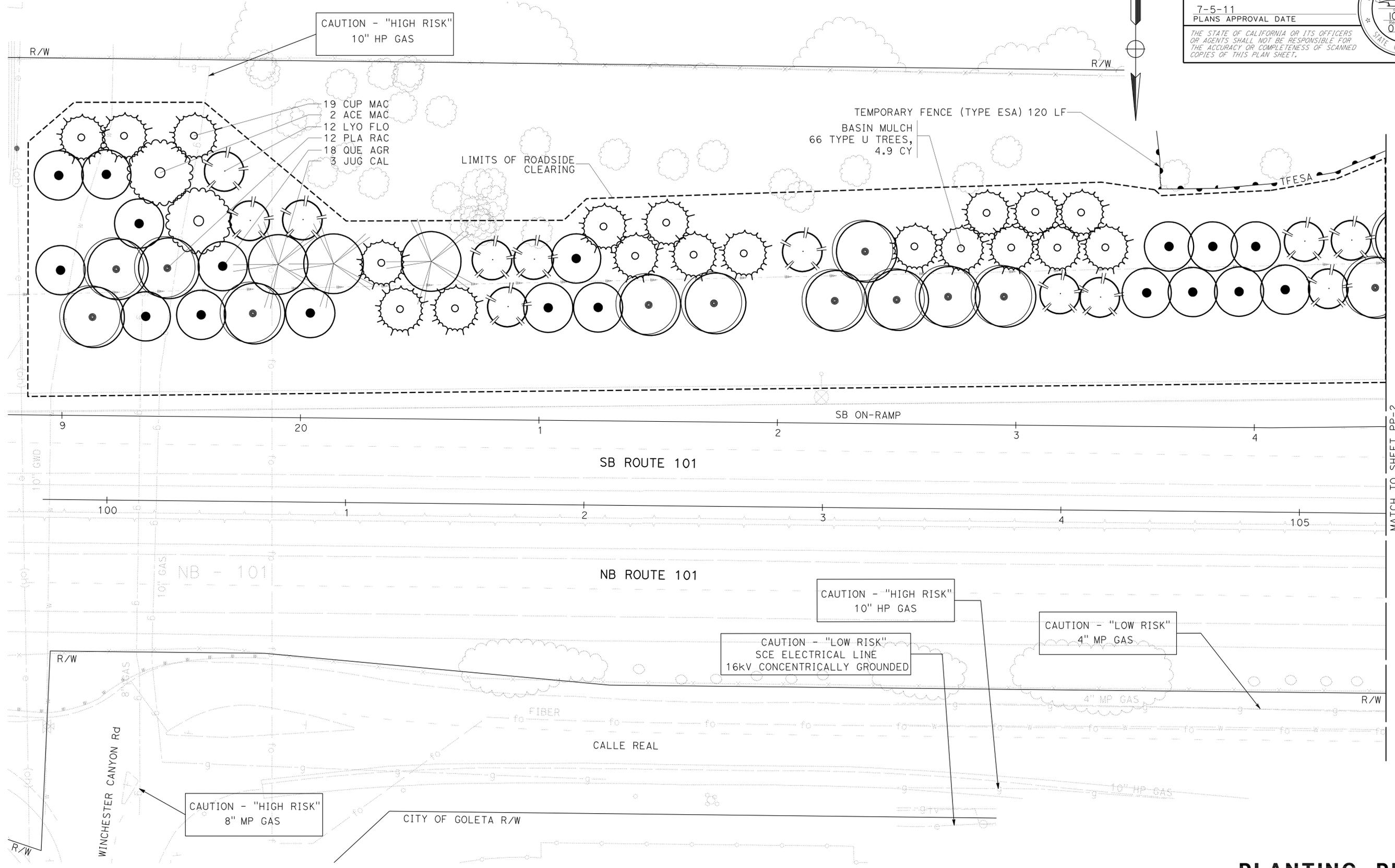
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	8	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		

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

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES

CALCULATED/DESIGNED BY
 CHECKED BY

DAVID EMERSON
 KRISTEN LANGAGER

REVISED BY
 DATE REVISED

MATCH TO SHEET PP-2

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

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

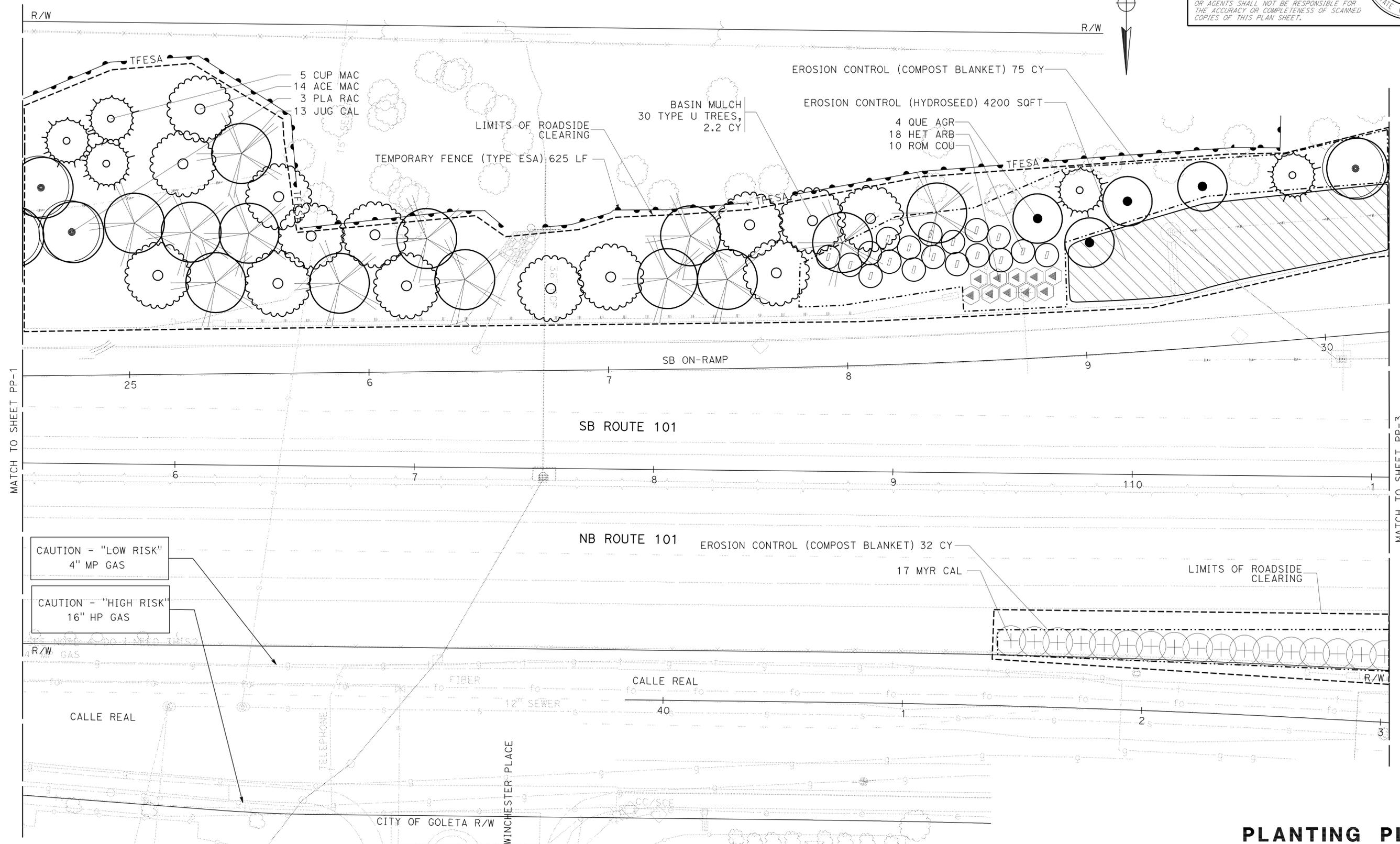
LAST REVISION: DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	9	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		

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



CAUTION - "LOW RISK"
 4" MP GAS

CAUTION - "HIGH RISK"
 16" HP GAS

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

PLANTING PLAN
PP-2

SCALE: 1" = 20'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
 CHECKED BY: KRISTEN LANGAGER
 REVISOR: DAVID EMERSON
 DATE REVISOR: 7-2-11

LAST REVISION DATE PLOTTED => 06-JUL-2011 04-19-11 TIME PLOTTED => 08:36

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

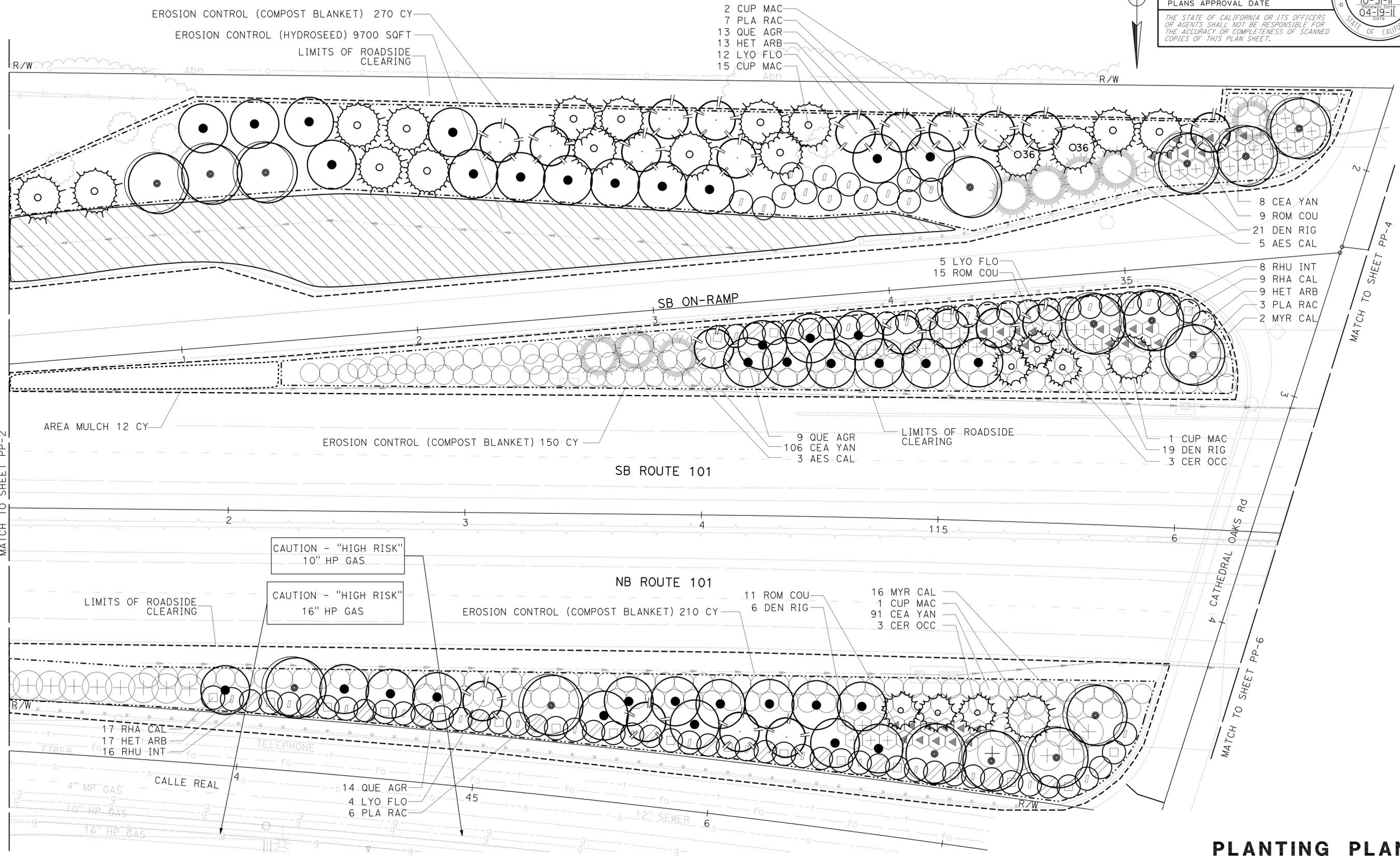
SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
 CHECKED BY: DENNIS REEVES
 CALCULATED/DESIGNED BY: DENNIS REEVES
 REVISOR: DAVID EMERSON
 DATE: 07/2/2010
 REVISOR: KRISTEN LANGAGER
 DATE: 07/2/2010

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	10	46

7-5-11
 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.



THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

PLANTING PLAN
PP-3

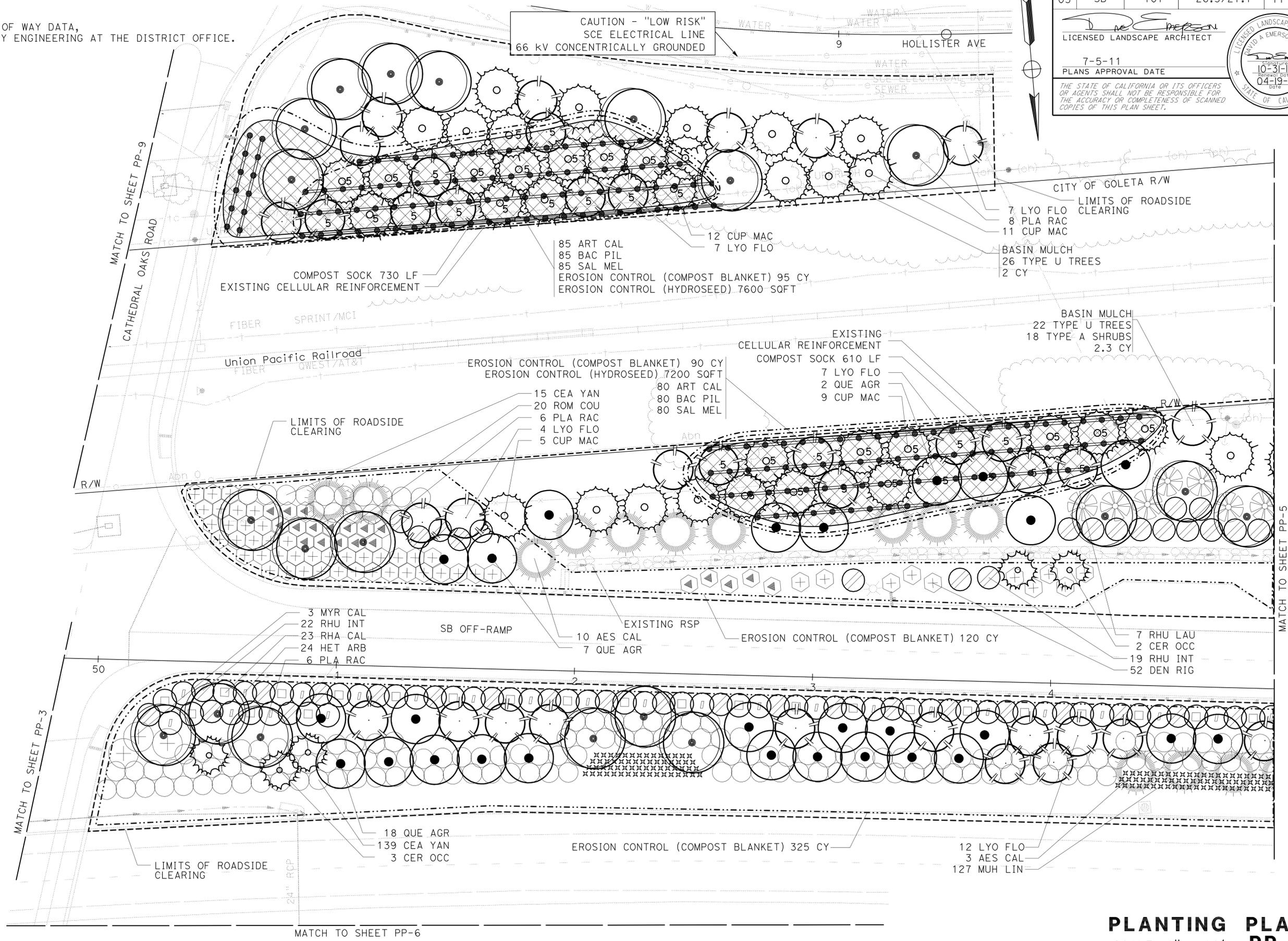
SCALE: 1" = 20'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	11	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		

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

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

REVISOR	DATE	REVISION
DAVID EMERSON		
KRISTEN LANGAGER		
CALCULATED/DESIGNED BY	CHECKED BY	
SENIOR LANDSCAPE ARCHITECT		
DENNIS REEVES		

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

PLANTING PLAN
PP-4

SCALE: 1" = 20'

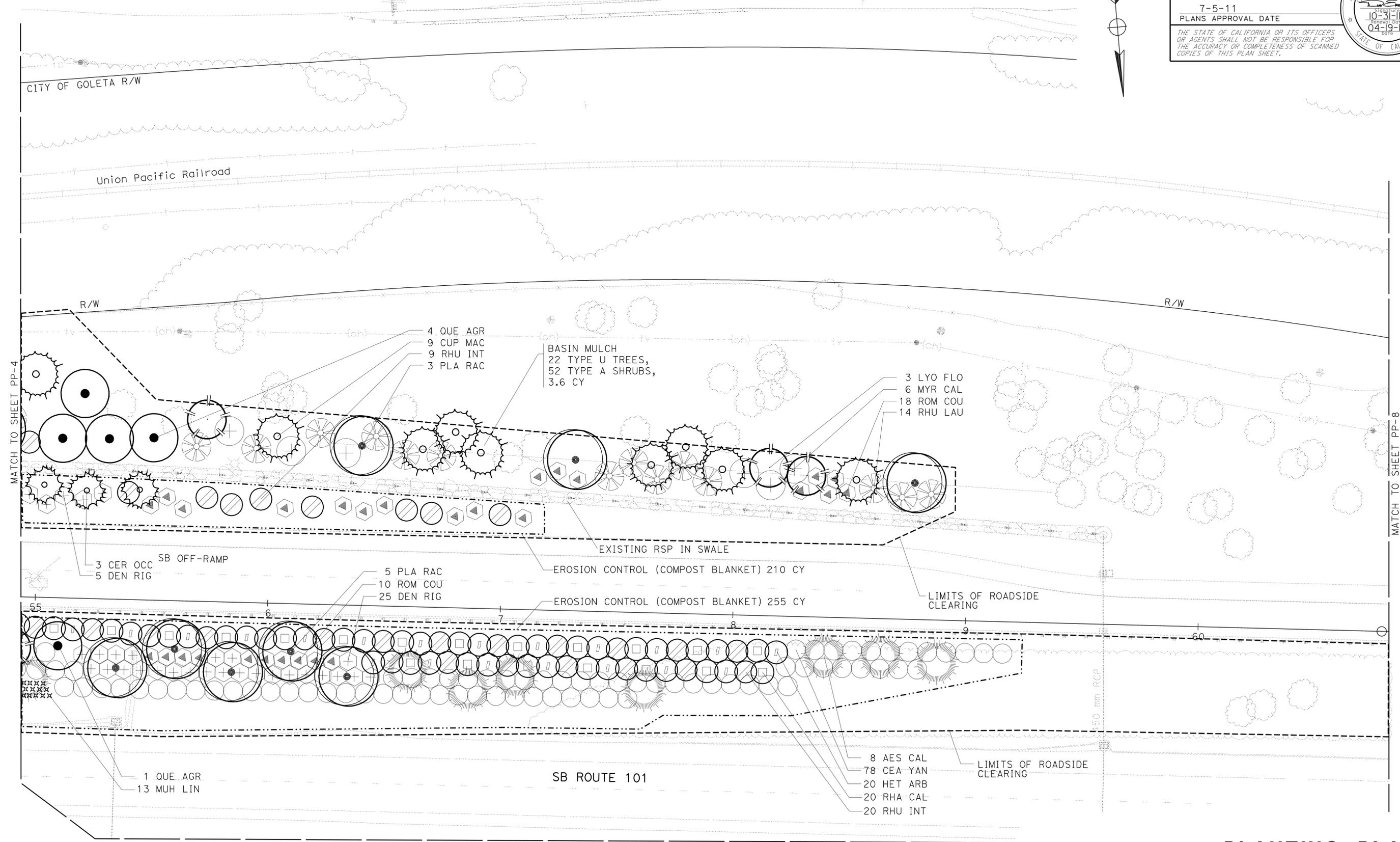
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	12	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		

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

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES
 CALCULATED/DESIGNED BY
 CHECKED BY
 KRISTEN LANGAGER
 DAVID EMERSON
 REVISOR BY
 DATE REVISOR

MATCH TO SHEET PP-7

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

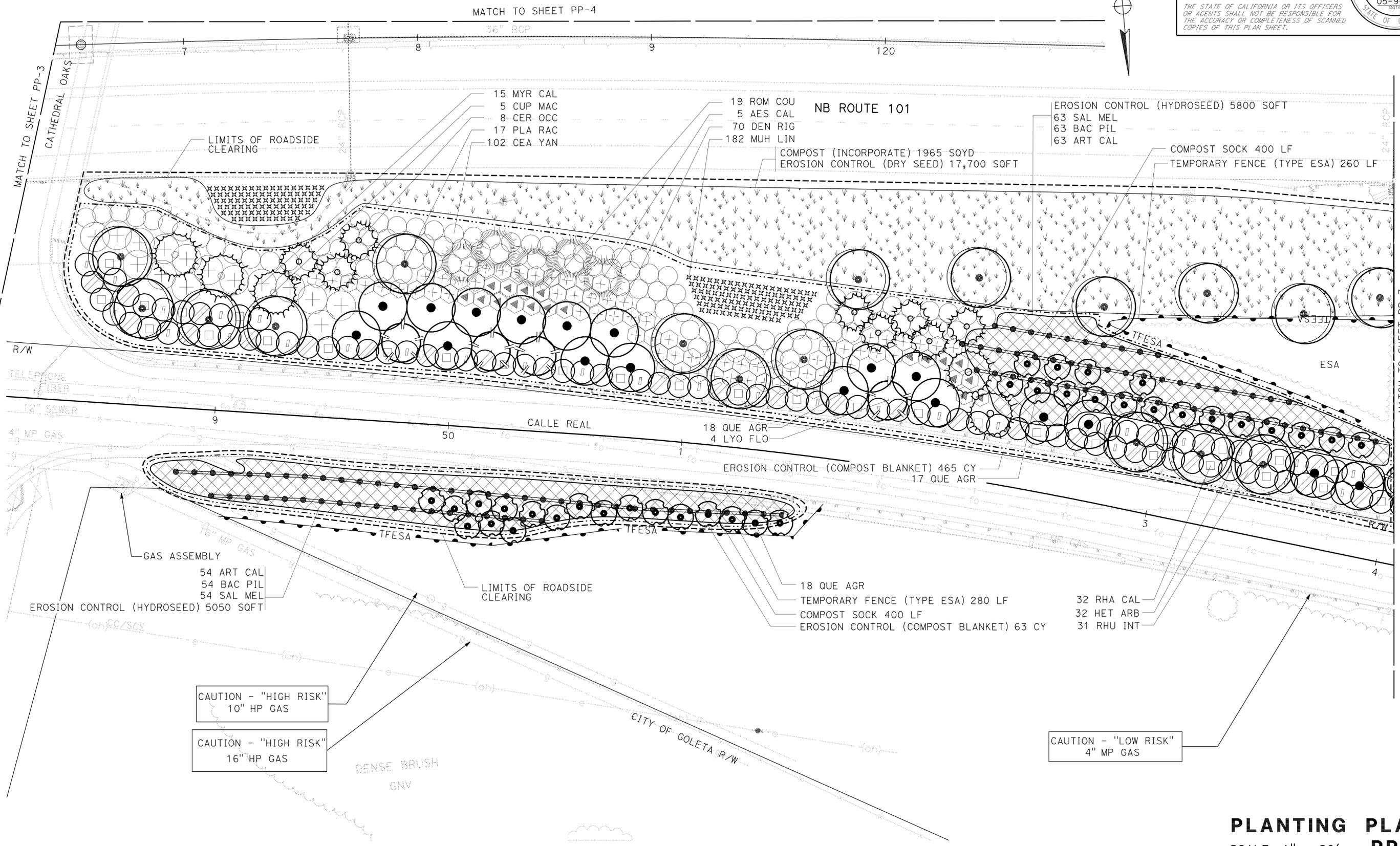
PLANTING PLAN
PP-5
 SCALE: 1" = 20'

LAST REVISION: DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 08:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	13	46

 LICENSED LANDSCAPE ARCHITECT	
7-5-11 PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 LANDSCAPE ARCHITECT
 REVISIONS BY: DAVID EMERSON, KRISTEN LANGAGER
 CHECKED BY: DENNIS REEVES
 CALCULATED/DESIGNED BY: DENNIS REEVES
 REVISIONS BY: DAVID EMERSON, KRISTEN LANGAGER
 DATE REVISED:

PLANTING PLAN
PP-6

SCALE: 1" = 20'

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

LAST REVISION: 05-09-11
 DATE PLOTTED => 06-JUL-2011
 TIME PLOTTED => 08:36

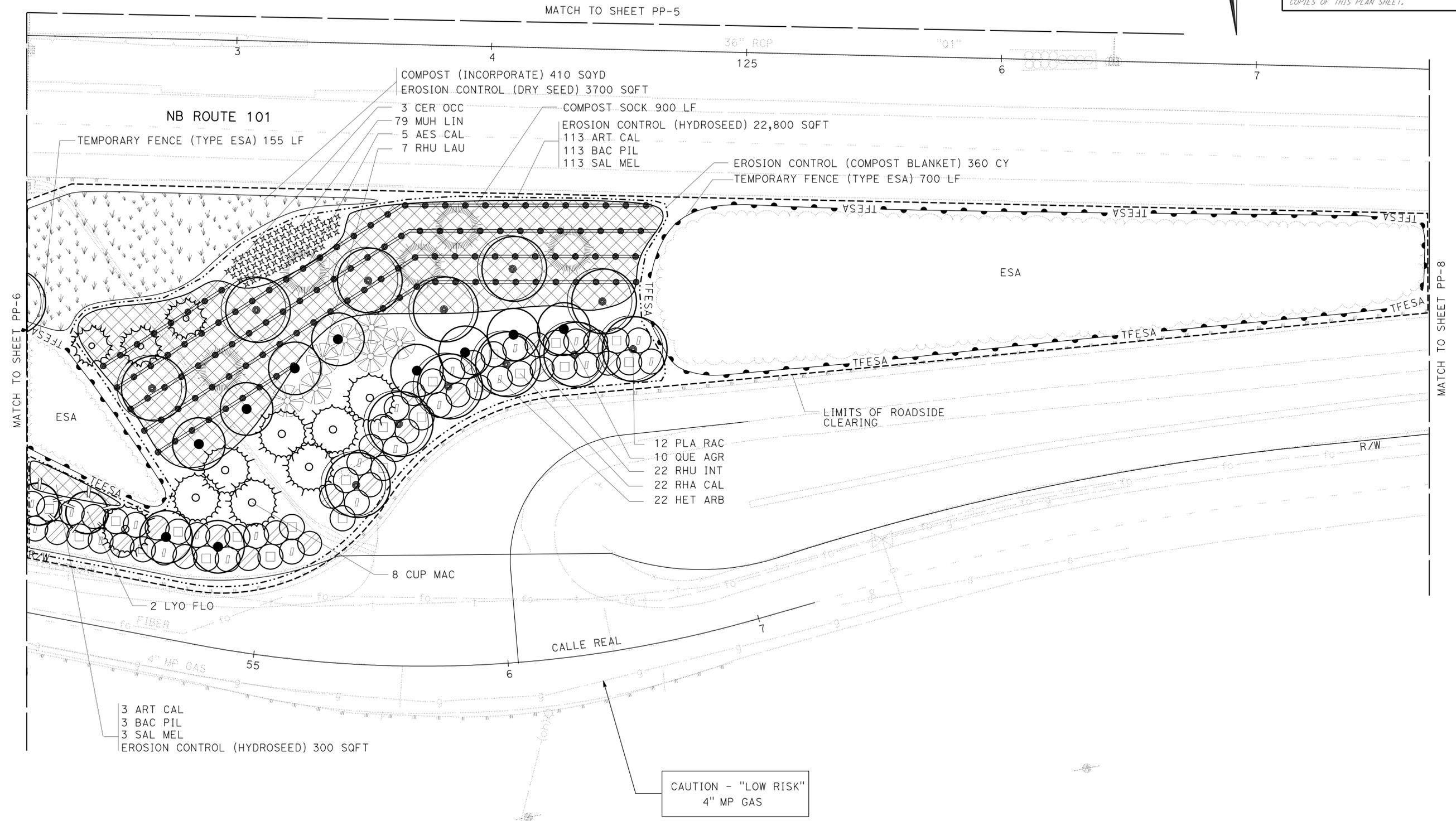
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	14	46

 LICENSED LANDSCAPE ARCHITECT	
7-5-11 PLANS APPROVAL DATE	
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.	



NOTE:

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



CAUTION - "LOW RISK"
4" MP GAS

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

**PLANTING PLAN
PP-7**

SCALE: 1" = 20'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
LANDSCAPE ARCHITECTURE

REVISOR: DAVID EMERSON
DATE: 7-5-11

DESIGNER: DENNIS REEVES

PROJECT: 05000008041

USERNAME => trpierce
DGN FILE => 05000008041+1007.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1502

PROJECT NUMBER & PHASE

05000008041

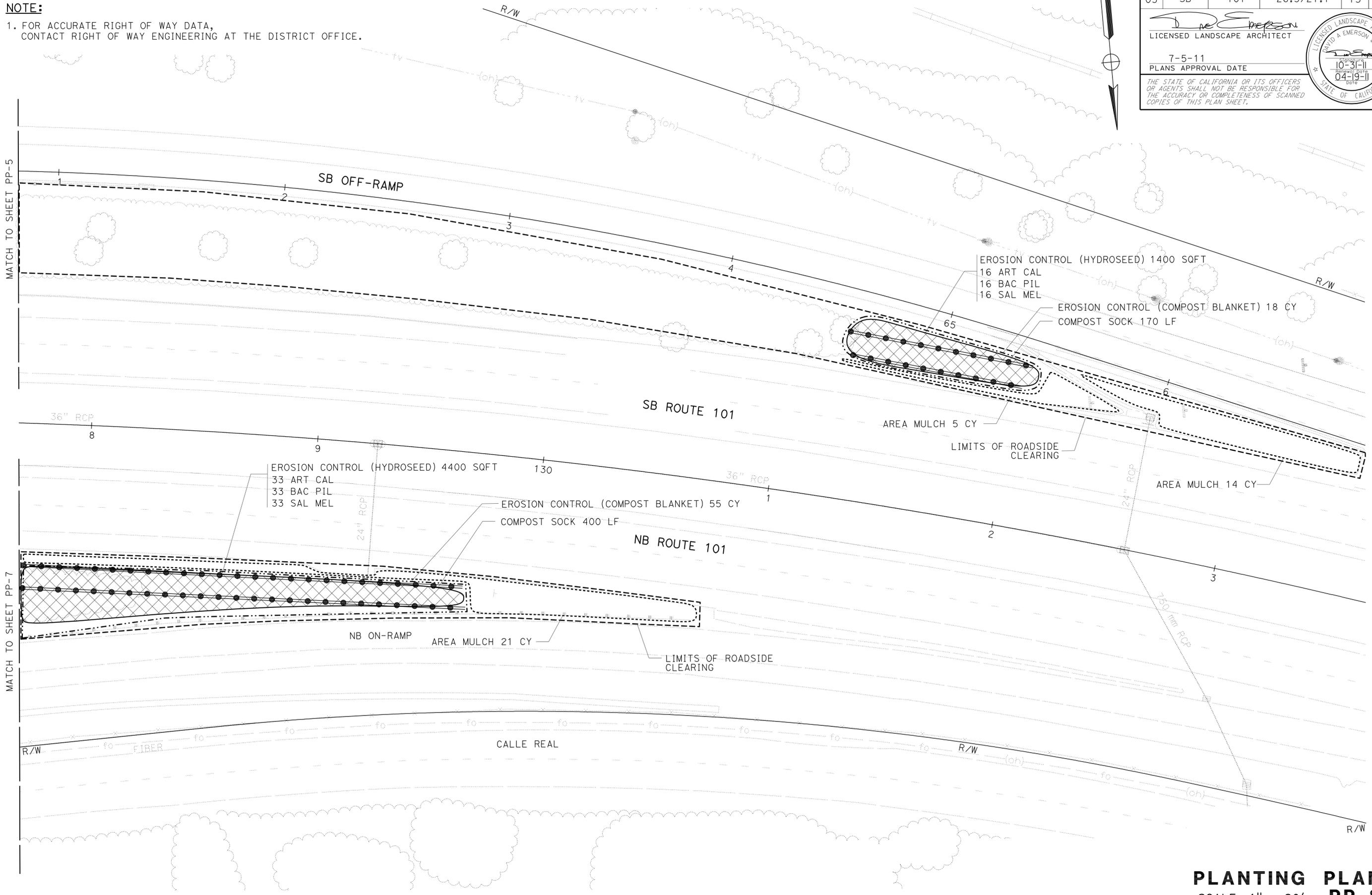
DATE PLOTTED => 06-JUL-2011
TIME PLOTTED => 08:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	15	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		

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

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

DAVID EMERSON	REVISOR	DATE
KRISTEN LANGAGER	REVISOR	DATE
DAVID EMERSON	DESIGNER	DATE
KRISTEN LANGAGER	CHECKER	DATE
DAVID EMERSON	SENIOR LANDSCAPE ARCHITECT	DATE
KRISTEN LANGAGER	SENIOR LANDSCAPE ARCHITECT	DATE

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

PLANTING PLAN PP-8
 SCALE: 1" = 20'

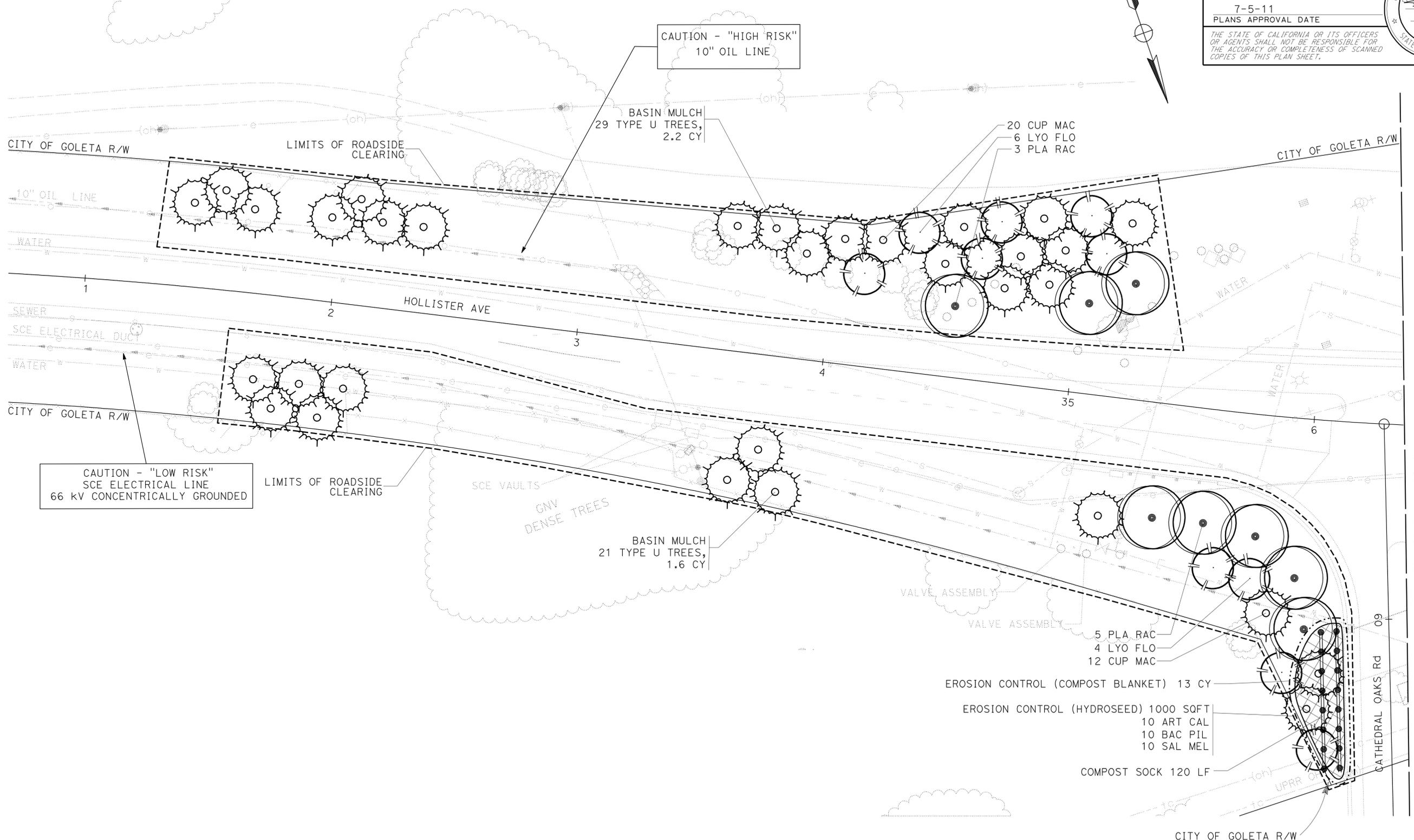
UNIT 1502 PROJECT NUMBER & PHASE 0500008041

LAST REVISION DATE PLOTTED => 06-JUL-2011 04-19-11 TIME PLOTTED => 08:37

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	16	46

David Emerson
 LICENSED LANDSCAPE ARCHITECT
 7-5-11
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DAVID EMERSON
 CHECKED BY
 DENNIS REEVES
 CALCULATED/DESIGNED BY
 KRISTEN LANGAGER
 REVISOR BY
 DATE REVISED

THIS PLAN ACCURATE FOR PLANTING WORK ONLY.

PLANTING PLAN
 SCALE: 1" = 20'
PP-9

LAST REVISION: 04-19-11 DATE PLOTTED => 06-JUL-2011 TIME PLOTTED => 08:37

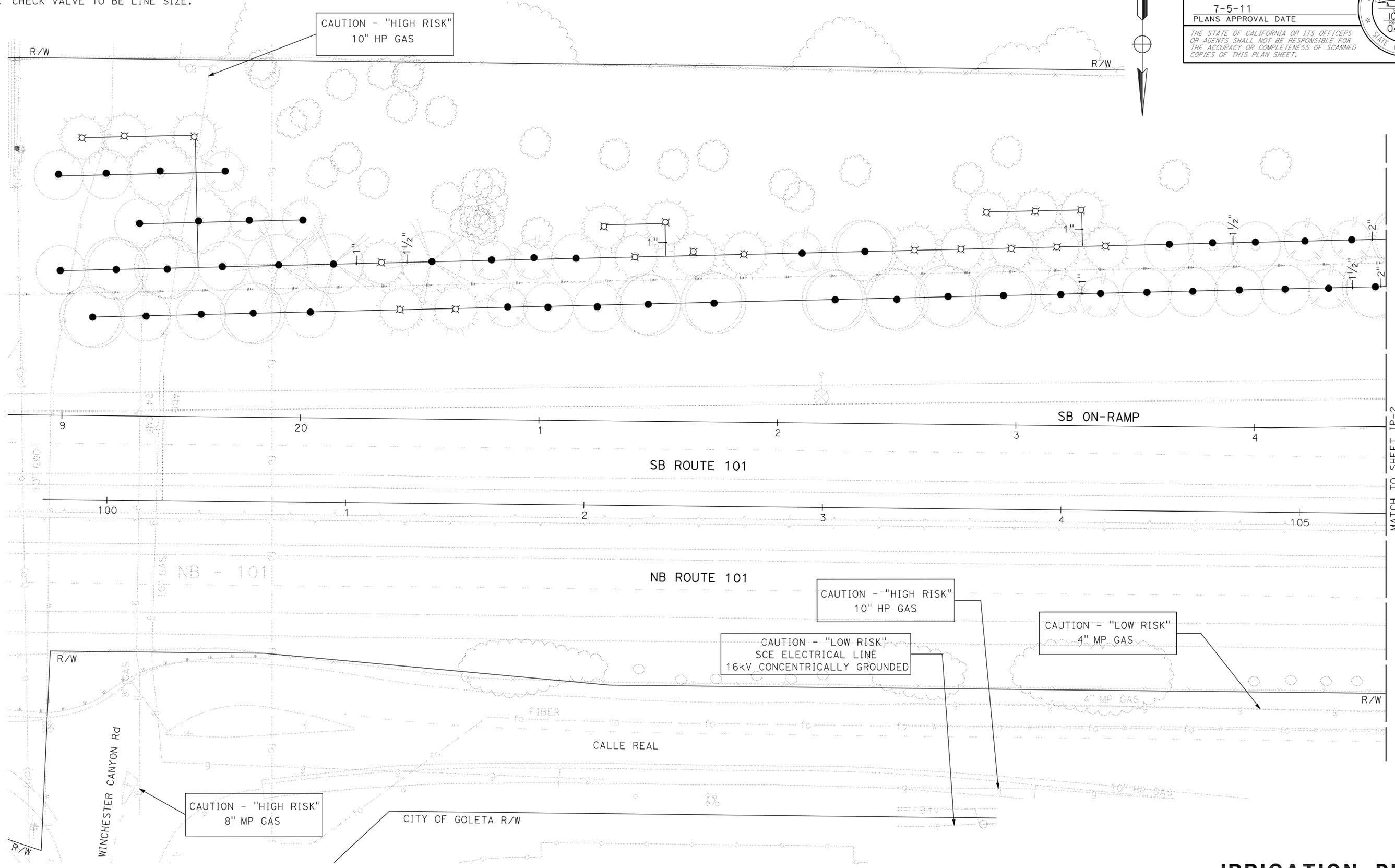
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: DENNIS REEVES
 CALCULATED/DESIGNED BY: DENNIS REEVES
 CHECKED BY: KRISTEN LANGAGER
 DAVID EMERSON
 REVISED BY: KRISTEN LANGAGER
 DATE REVISED: []

NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 2. CHECK VALVE TO BE LINE SIZE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	17	46


 LICENSED LANDSCAPE ARCHITECT
 7-5-11
 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.

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
 SCALE: 1" = 20'
IP-1

LAST REVISION: 04-19-11 DATE PLOTTED => 06-JUL-2011 TIME PLOTTED => 08:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	18	46

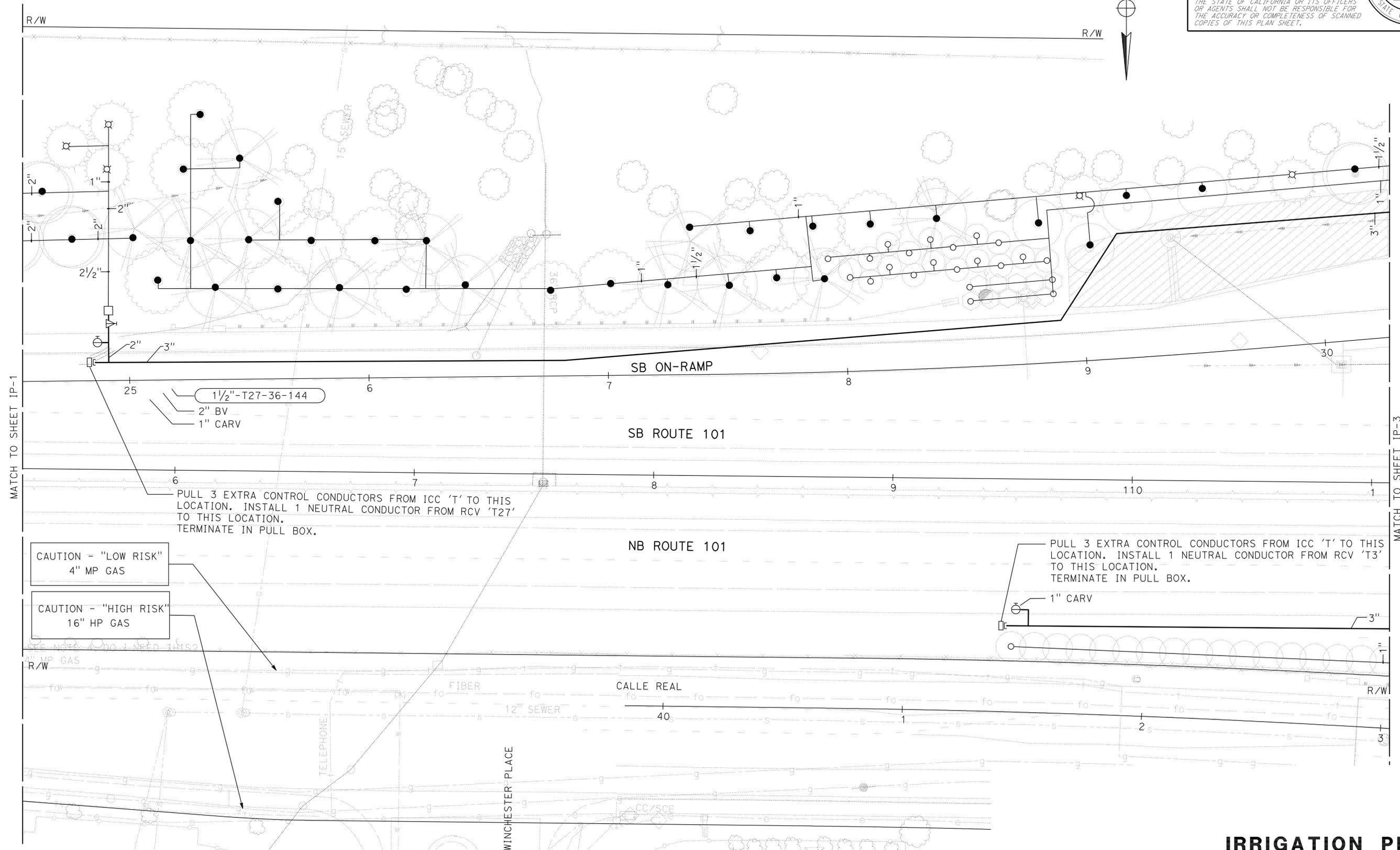
 LICENSED LANDSCAPE ARCHITECT	
7-5-11	
PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 LANDSCAPE ARCHITECT
 REVISOR BY
 DATE REVISOR
 CHECKED BY
 DESIGNED BY
 DENNIS REEVES
 DAVID EMERSON
 KRISTEN LANGAGER



PULL 3 EXTRA CONTROL CONDUCTORS FROM ICC 'T' TO THIS LOCATION. INSTALL 1 NEUTRAL CONDUCTOR FROM RCV 'T27' TO THIS LOCATION. TERMINATE IN PULL BOX.

PULL 3 EXTRA CONTROL CONDUCTORS FROM ICC 'T' TO THIS LOCATION. INSTALL 1 NEUTRAL CONDUCTOR FROM RCV 'T3' TO THIS LOCATION. TERMINATE IN PULL BOX.

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
SCALE: 1" = 20'
IP-2

LAST REVISION: DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 08:37

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

REVISOR: DAVID EMERSON
 DATE: [REDACTED]

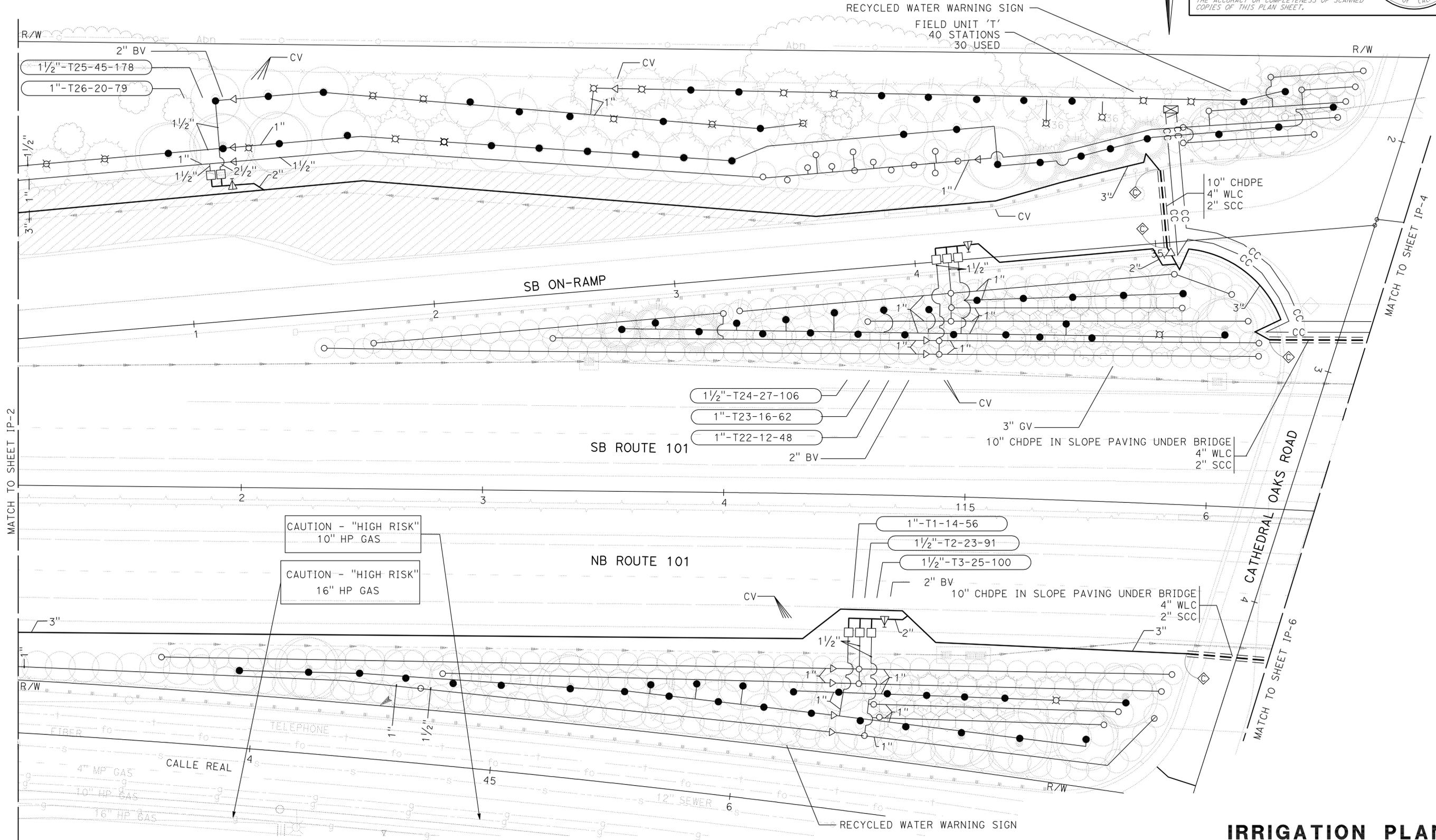
DESIGNER: DENNIS REEVES
 CHECKER: KRISTEN LANGAGER

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	19	46

7-5-11
 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.



THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
 SCALE: 1" = 20'
IP-3

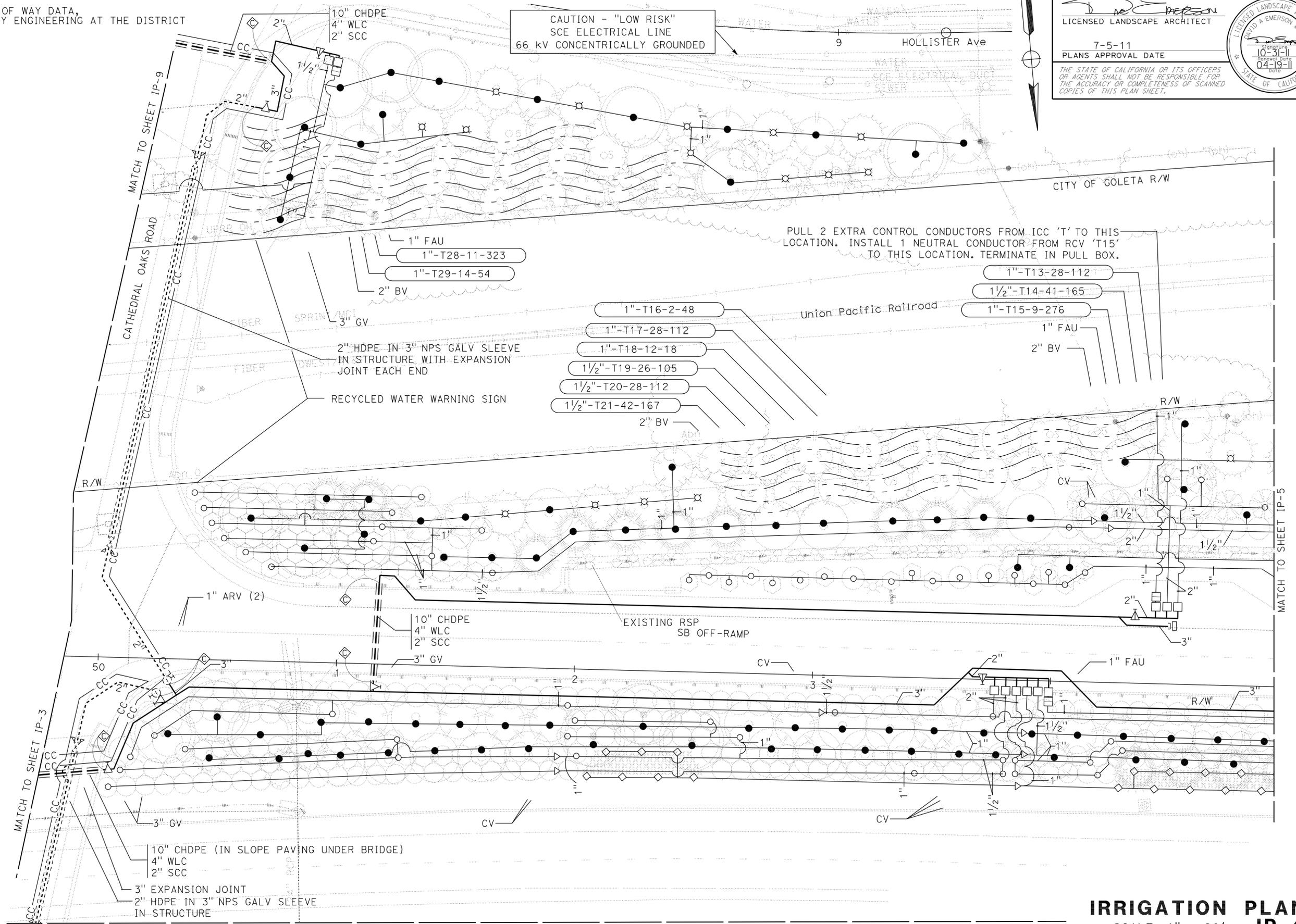
DATE PLOTTED => 06-JUL-2011
 TIME PLOTTED => 08:59

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	20	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTE:

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT DENNIS REEVES
 CHECKED BY
 CALCULATED/DESIGNED BY
 KRISTEN LANGAGER
 DAVID EMERSON
 REVISED BY
 DATE REVISED

IRRIGATION PLAN IP-4
SCALE: 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	21	46

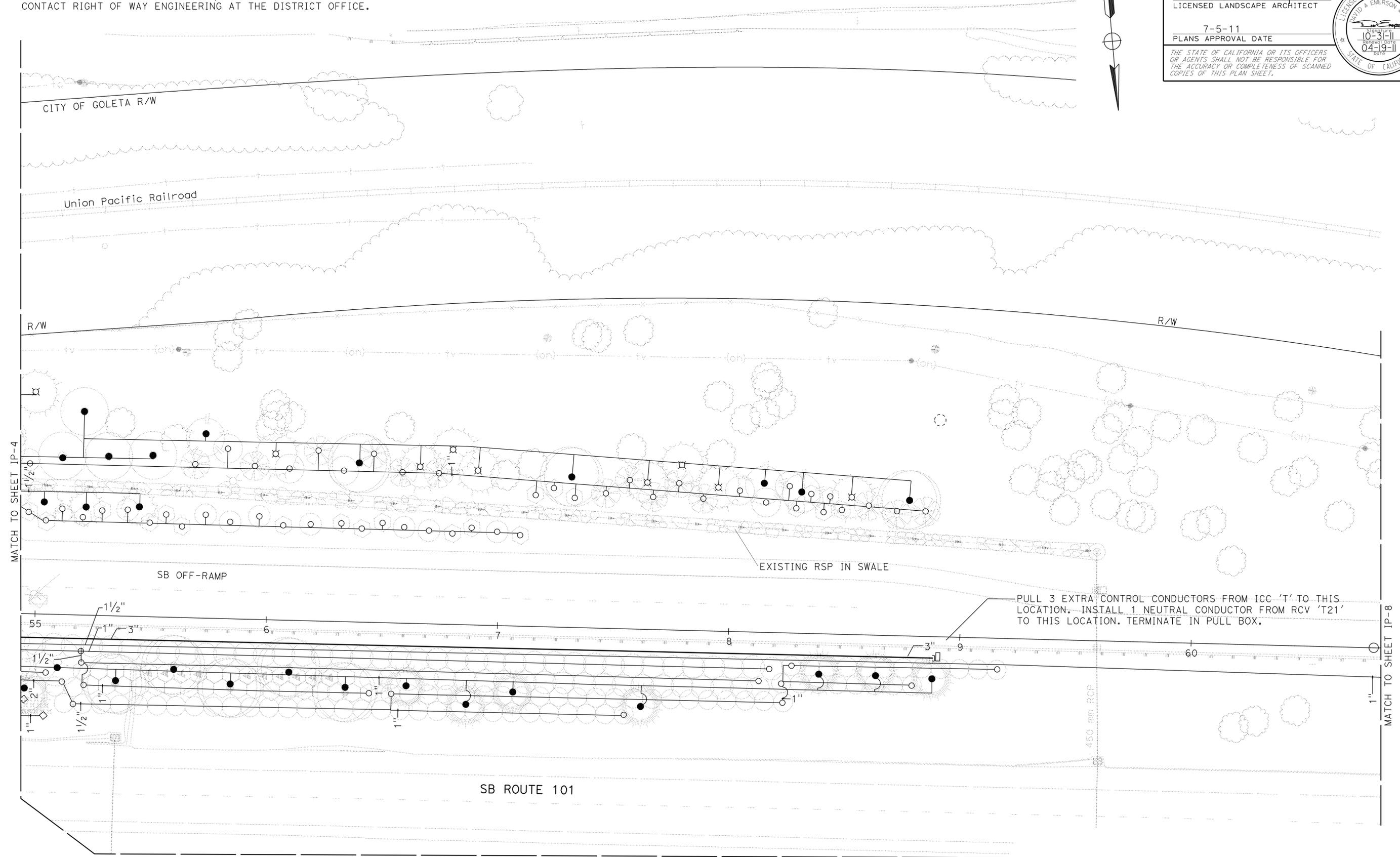
 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES
 CALCULATED/DESIGNED BY
 CHECKED BY
 DAVID EMERSON
 KRISTEN LANGAGER
 REVISED BY
 DATE REVISED



MATCH TO SHEET IP-7

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
SCALE: 1" = 20'
IP-5

LAST REVISION DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 09:00

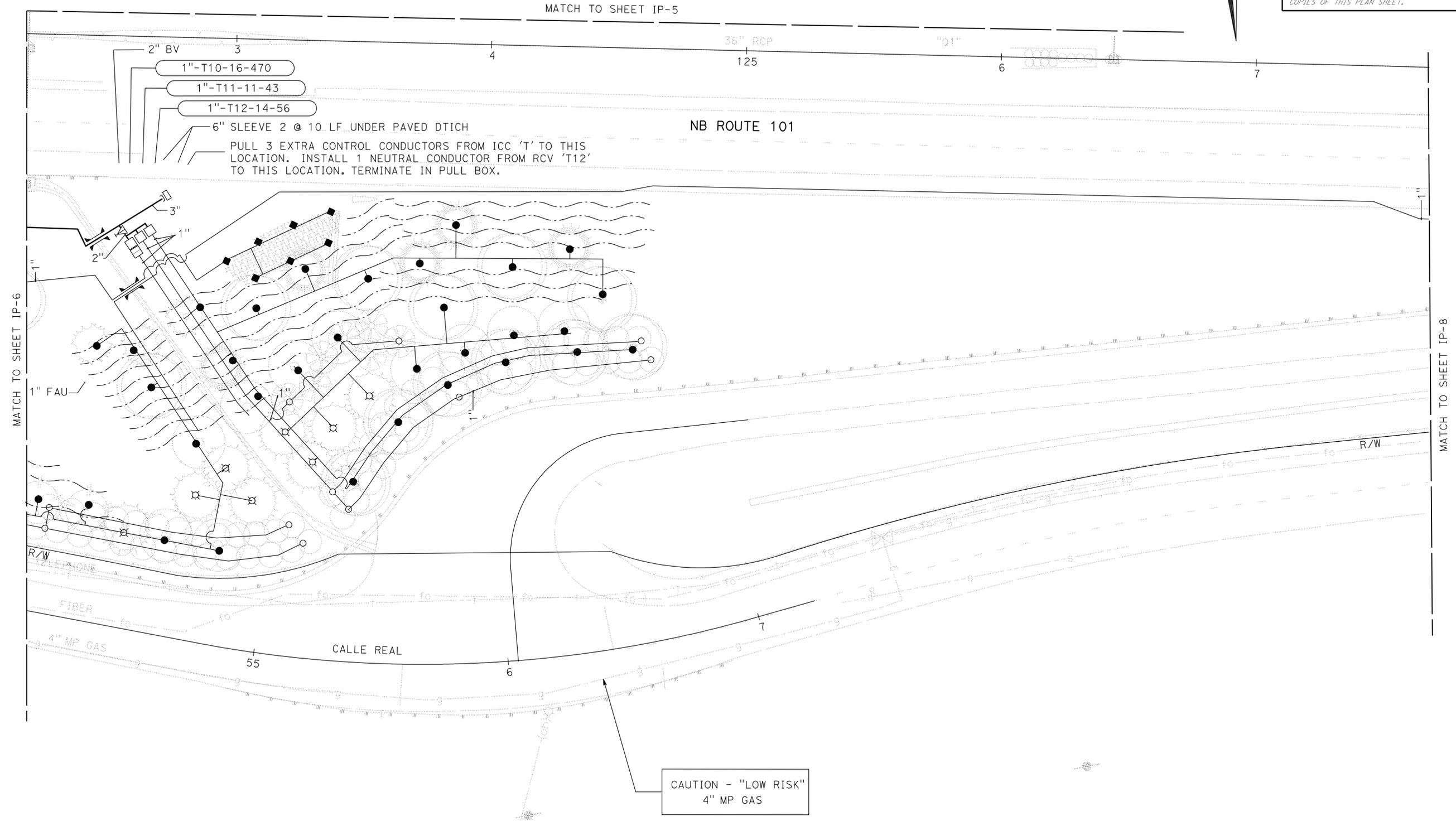
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	23	46

 LICENSED LANDSCAPE ARCHITECT	
7-5-11	
PLANS APPROVAL DATE	

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

NOTE:

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT
DENNIS REEVES

CALCULATED/DESIGNED BY
DAVID EMERSON

CHECKED BY
KRISTEN LANGAGER

REVISED BY
DATE REVISED

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

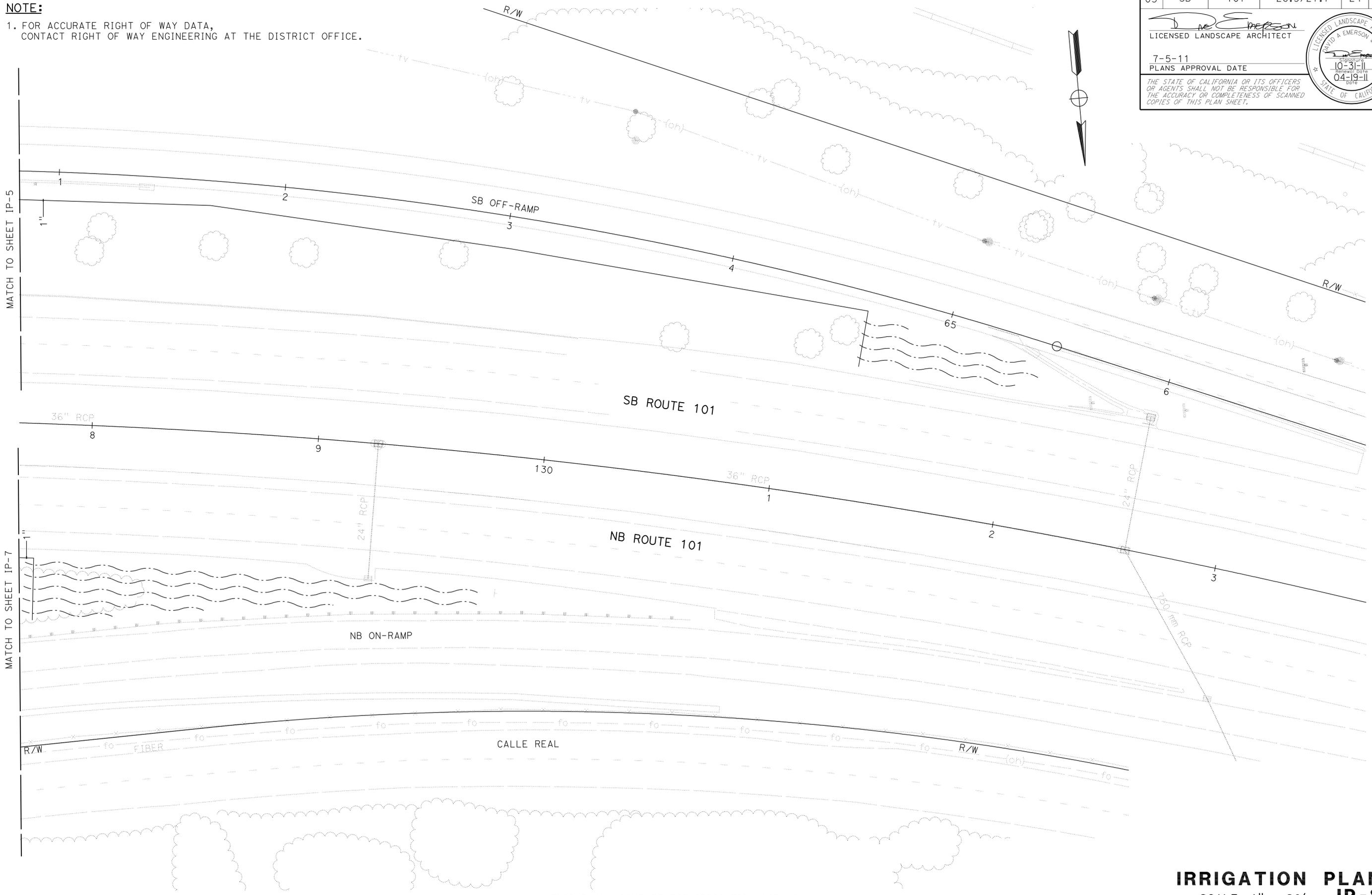
IRRIGATION PLAN
IP-7
 SCALE: 1" = 20'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	24	46


 LICENSED LANDSCAPE ARCHITECT
 7-5-11
 PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



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



THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
 SCALE: 1" = 20'
IP-8

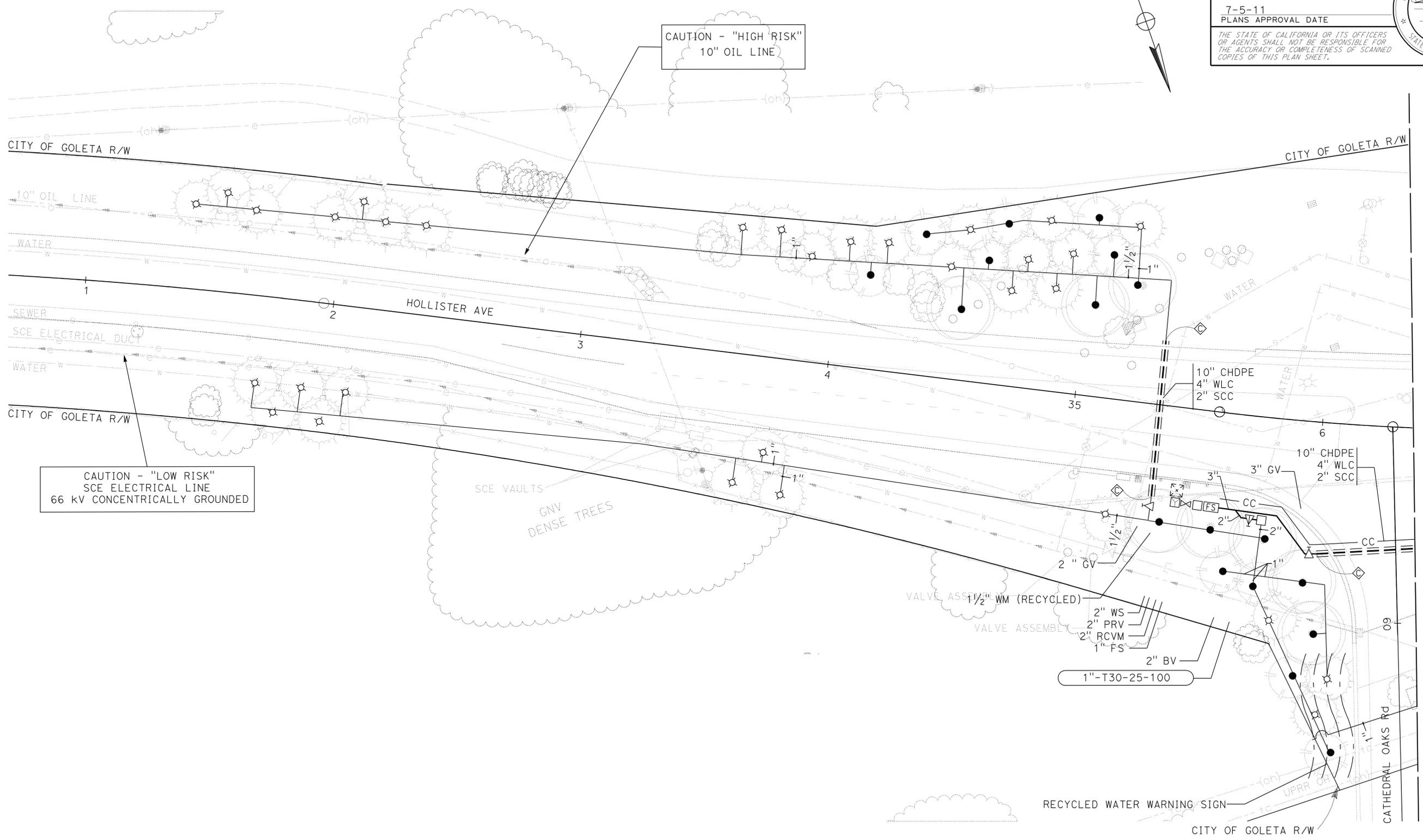
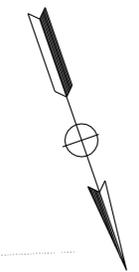
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	DENNIS REEVES	DAVID EMERSON	7/2/2010
		KRISTEN LANGAGER	

LAST REVISION: DATE PLOTTED => 06-JUL-2011
 04-19-11 TIME PLOTTED => 08:41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	25	46

 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 LANDSCAPE ARCHITECT
 REVISOR
 DATE
 CHECKED BY
 DESIGNED BY
 KRISTEN LANGAGER
 DAVID EMERSON
 DENNIS REEVES
 REVISOR
 DATE
 CHECKED BY
 DESIGNED BY
 KRISTEN LANGAGER
 DAVID EMERSON

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY.

IRRIGATION PLAN
 SCALE: 1" = 20'
IP-9

LAST REVISION: 04-19-11
 DATE PLOTTED => 06-JUL-2011
 TIME PLOTTED => 08:41

SPRINKLER SCHEDULE

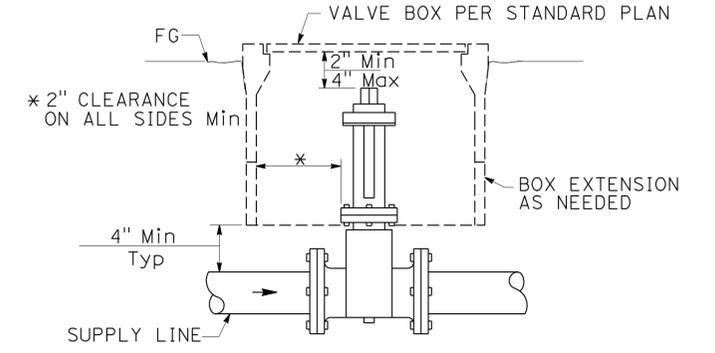
SYMBOL	TYPE	DESCRIPTION	SPRAY PATTERN	OPERATING PRESSURE (PSI)	PRESSURE COMPENSATING	PLUS/MINUS 5% ②				MATERIAL	INLET CONNECTION (NPT INCH)	POSITIVE-LOCKING Adj ARC STOP	BACKSPLASH PREVENTER	DIFFUSER PIN	DISTANCE CONTROL FLAP	ADJ DISCHARGE	RISER				SPRINKLER PROTECTOR (TYPE)	REMARKS									
						DISCHARGE		RADIUS (F+)	WIDTH X LENGTH (F+)								MATERIAL		SIZE (IPS INCH)	HEIGHT (INCH)			FLOW SHUTOFF DEVICE	SWING JOINT (TYPE)	RISER SUPPORT						
						GALLONS PER MINUTE (GPM)	GALLONS PER HOUR (GPH)										PLASTIC	GALVANIZED													
◇	B-5	ROTARY STREAM	Q/T/H	30	-	0.40/0.53/0.80	-	16	-	PL	1/2	-	-	-	-	-	VI	-	-	1/2	-	-	-	-	-	-	-	-	-	-	④ ⑩
◆	B-6	ROTARY STREAM	Q/T/H	30	-	0.75/1.00/1.50	-	21	-	PL	1/2	-	-	-	-	-	VI	-	-	1/2	-	-	-	-	-	-	-	-	-	-	④ ⑩
●	C-2	BUBBLER	-	20-50	X	0.25	-	-	-	PL	1/2	-	-	-	-	-	V	-	-	1/2	-	-	-	-	-	-	-	-	-	-	④ ⑥ ⑦ ⑬
⊘	C-2 MOD	BUBBLER TUBE	-	20-50	X	0.25	-	-	-	PL	1/2	-	-	-	-	-	⑤	X	-	1/2	12	-	II	-	-	-	-	-	-	-	④ ⑥ ⑧ ⑬
○	C-2	BUBBLER	-	20-50	X	0.25	-	-	-	PL	1/2	-	-	-	-	-	V	-	-	1/2	-	-	-	-	-	-	-	-	-	-	④ ⑥ ⑨ ⑬
—	D-1	EMITTER	-	20-50	X	-	2.0	-	-	PL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⑦ ⑪ ⑫

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	26	46

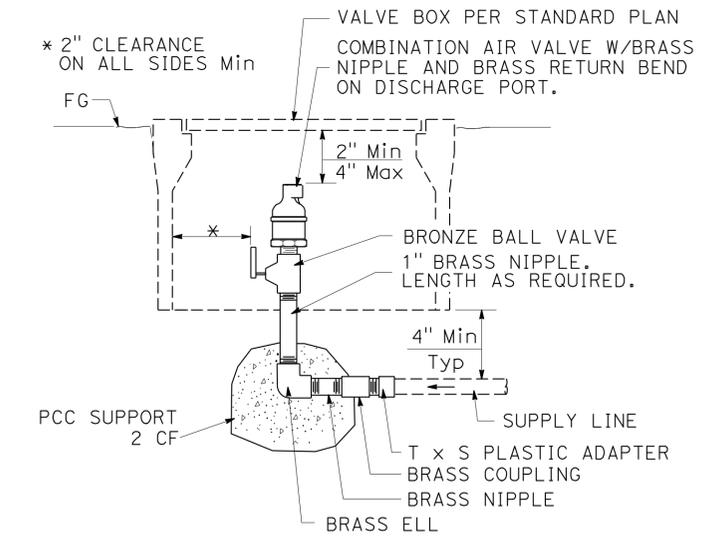
LICENSED LANDSCAPE ARCHITECT

7-5-11
 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.



**ELEVATION
GATE VALVE**



COMBINATION AIR RELEASE VALVE

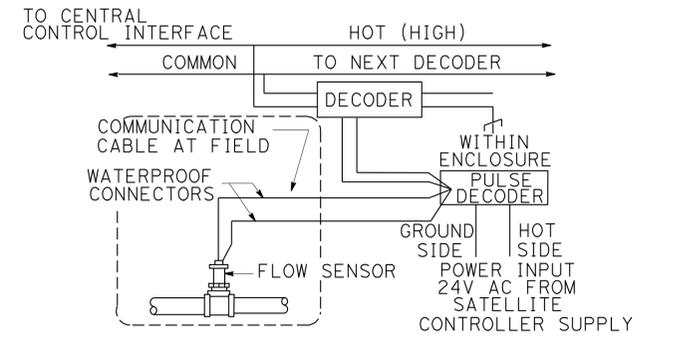
X IN BOX DENOTES REQUIREMENT

APPLICABLE WHEN CIRCLED BELOW:

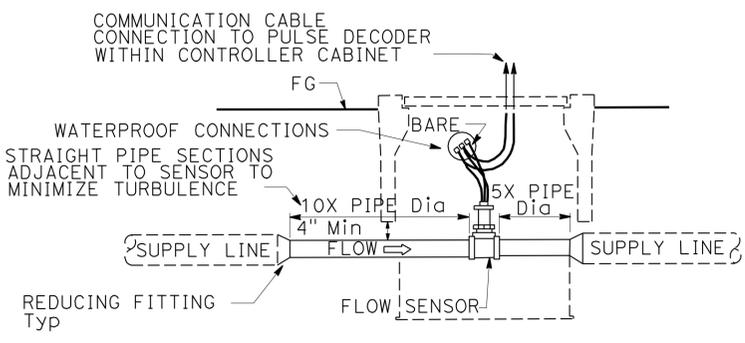
① - SEE SPECIAL PROVISIONS. ② - IF A PRESSURE COMPENSATING DEVICE IS SPECIFIED, THE DISCHARGE AND RADII SHOWN REFLECT ITS USE. ③ - ARC STOP SHALL BE FITTED WITH A NUT AND BOLT. ④ - SPRING TYPE CHECK VALVE REQUIRED IMMEDIATELY UPSTREAM OF SPRINKLER ⑤ - AS SHOWN ON PLANS. ⑥ - BUBBLER TO BE INSTALLED ON UPHILL SIDE OF PLANT.	⑦ - TWO PER PLANT GROUP U, EXCEPT PLANT #21. ⑧ - TWO PER PLANT #21, FOUR PER PLANT #17. ⑨ - ONE PER PLANT GROUP A, EXCEPT PLANT #4 ⑩ - 12" POP-UP REQUIRED. ⑪ - ONE PER PLANT (GROUP I) ⑫ - TWO PER PLANT (GROUP B) ⑬ - SOME BUBBLER SYMBOLS NOT SHOWN ON PLANS
--	---

LEGEND:

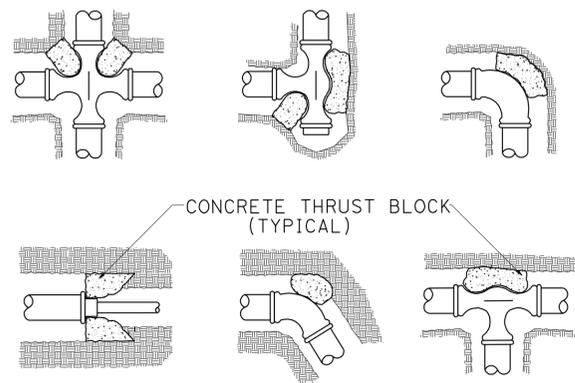
- PR 315 PLASTIC PIPE (SUPPLY LINE)(MAIN)
- 1/2" PLASTIC PIPE (IRRIGATION LINE)
- CC — CC COMMUNICATION CABLE
- WLC WATER LINE CROSSOVER
- SCC SPRINKLER CONTROL CONDUIT
- ⊘ EXISTING 3" EXPANSION JOINT, TYPE EX-TEND SERIES NO. 203F1 PLACED IN CONTRACT 05-0M14U4
- ⊘ EXISTING AIRVAC ASSEMBLY IN VALVE BOX PER GOLETA WATER DISTRICT STD DETAIL 3-03
- ⋯ EXISTING HDPE, CR-9 WATER LINE, INSTALLED IN NPS 3 GALVANIZE STEEL SLEEVE IN BRIDGE AND WRAPPED IN PURPLE POLYETHYLENE ENCASEMENT FROM BRIDGE ABUTMENT TO PULL BOX



FLOW SENSOR WIRING DIAGRAM



FLOW SENSOR



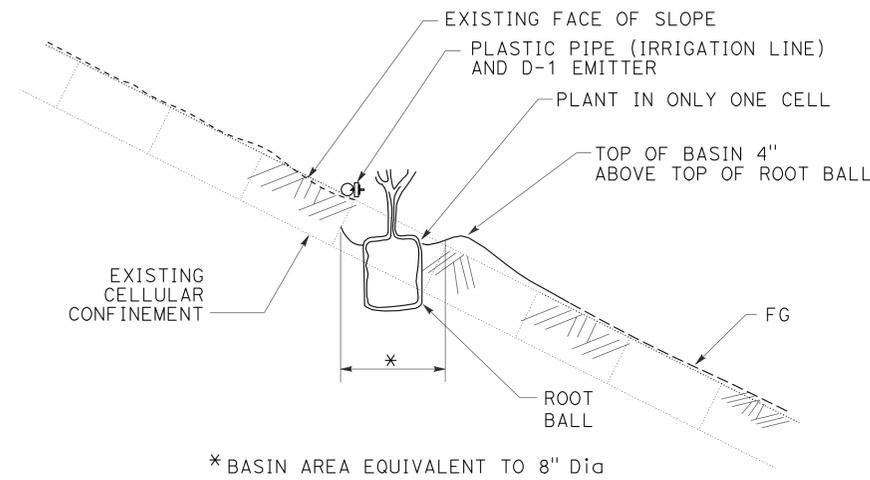
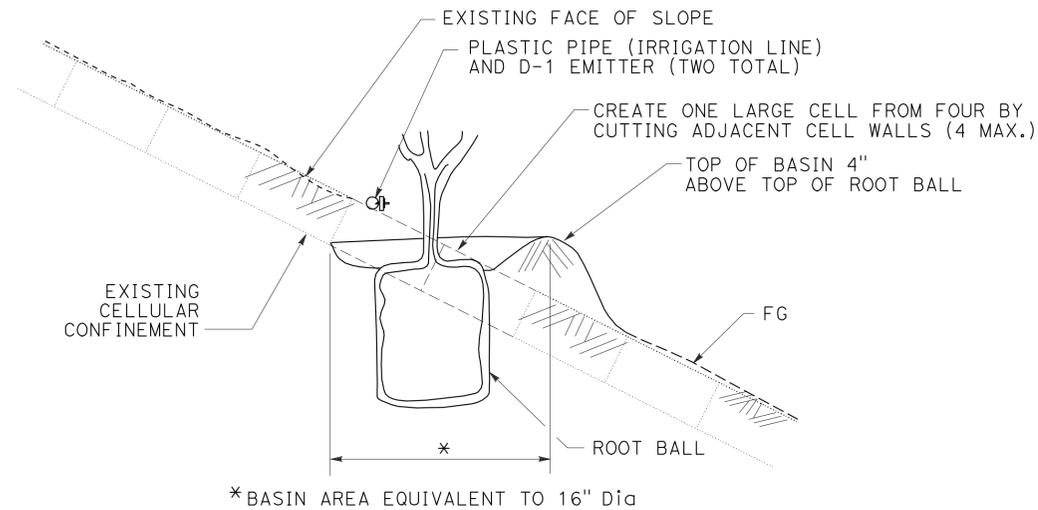
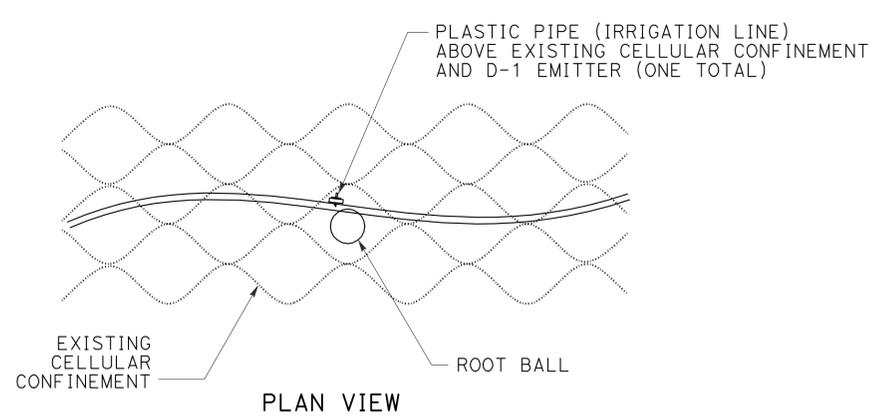
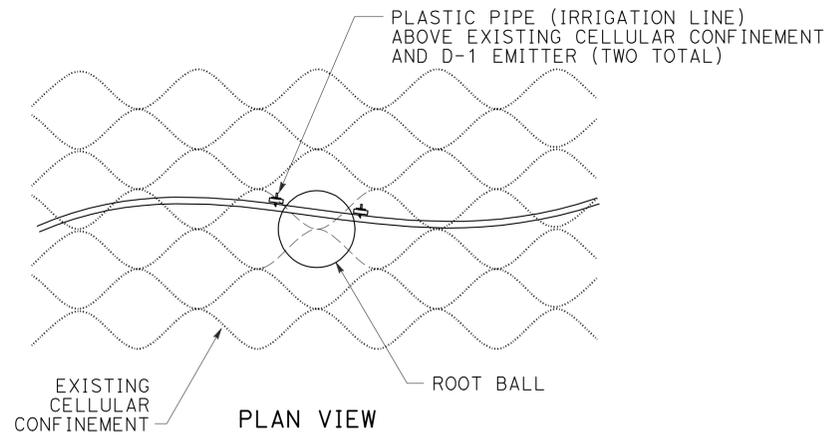
THRUST BLOCKS

**LANDSCAPE DETAILS
NO SCALE
LD-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT - DENNIS REEVES
 CALCULATED/DESIGNED BY - DAVID EMERSON
 CHECKED BY - KRISTEN LANGAGER
 REVISED BY -
 DATE REVISED -

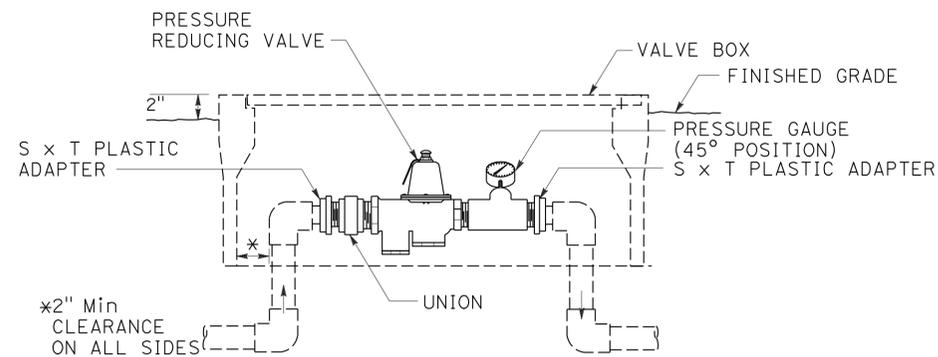
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	27	46

David Emerson
 LICENSED LANDSCAPE ARCHITECT
 7-5-11
 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.

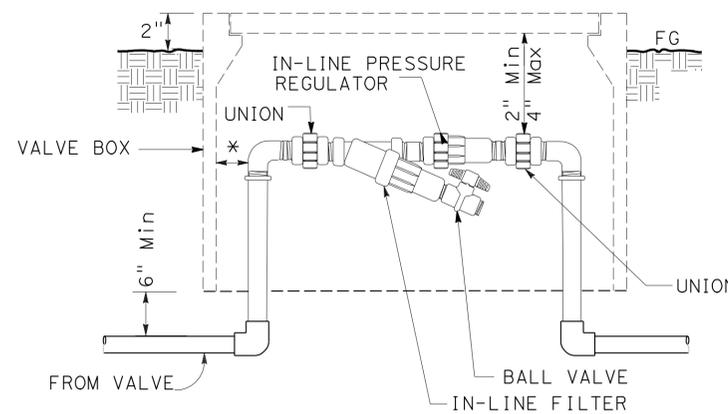


PLANT (GROUP B) IN CELLULAR CONFINEMENT

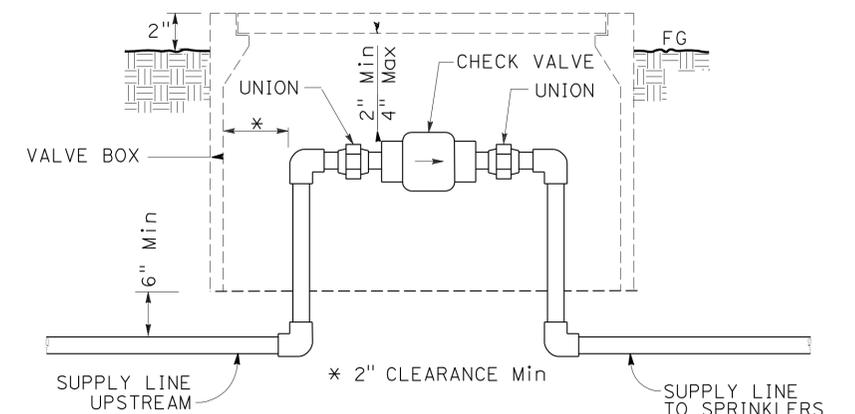
PLANT (GROUP A AND I) IN CELLULAR CONFINEMENT



PRESSURE REDUCING VALVE



FILTER ASSEMBLY UNIT



CHECK VALVE ON SUPPLY LINE

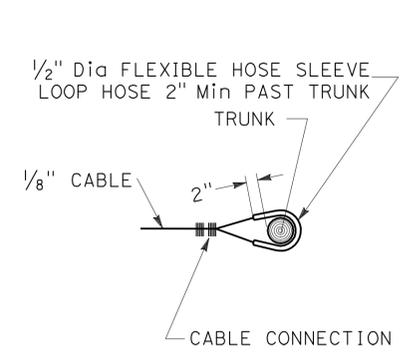
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES
 CALCULATED/DESIGNED BY
 CHECKED BY
 KRISTEN LANGAGER
 DAVID EMERSON
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	26.5/27.1	28	46

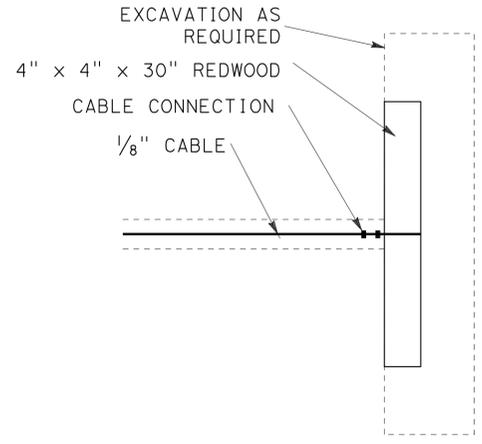
 LICENSED LANDSCAPE ARCHITECT		
7-5-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

NOTES:

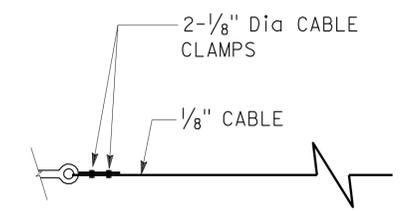
1. THREE GUYS TO BE EQUALLY SPACED AROUND TREE.
2. GUYS TO BE LOOSELY TENSIONED TO ALLOW TRUNK FLEXIBILITY AND PROVIDE SUPPORT.
3. PROVIDE THIMBLES AT ALL CABLE LOOPS AT TURNBUCKLES.
4. GUY WIRE ASSEMBLY SHALL BE MAINTAINED BY TIGHTENING REGULARLY ALL ACCESSIBLE CONNECTIONS AND KEEPING WIRES LOOSELY TENSIONED THROUGH PLANT ESTABLISHMENT.



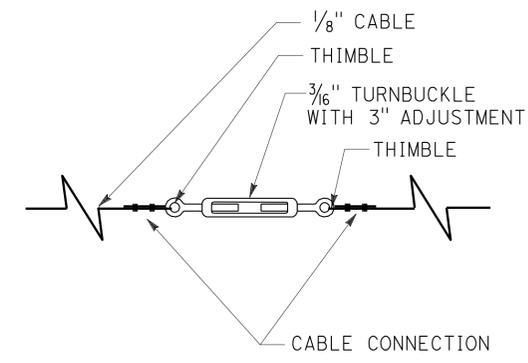
LOOP TIE



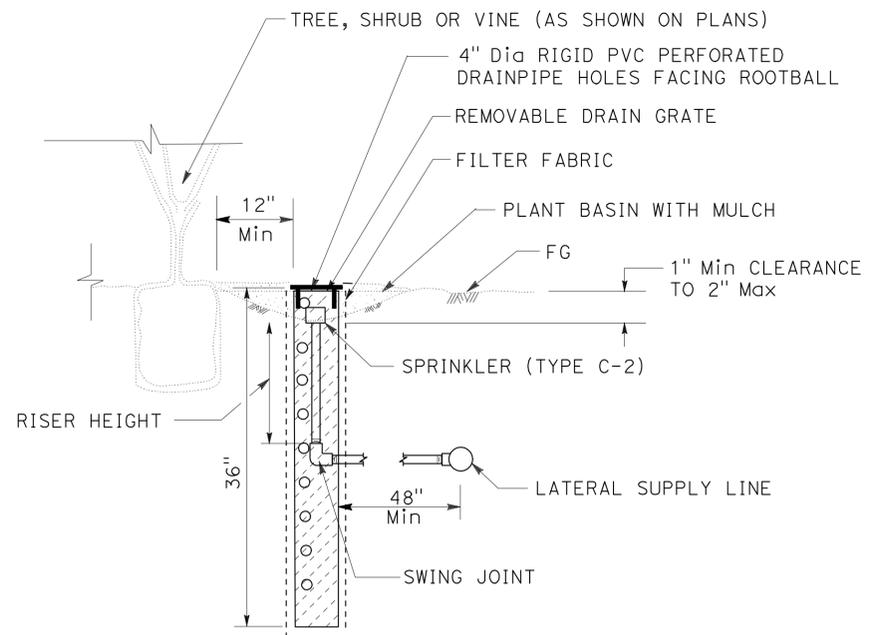
DEADMAN



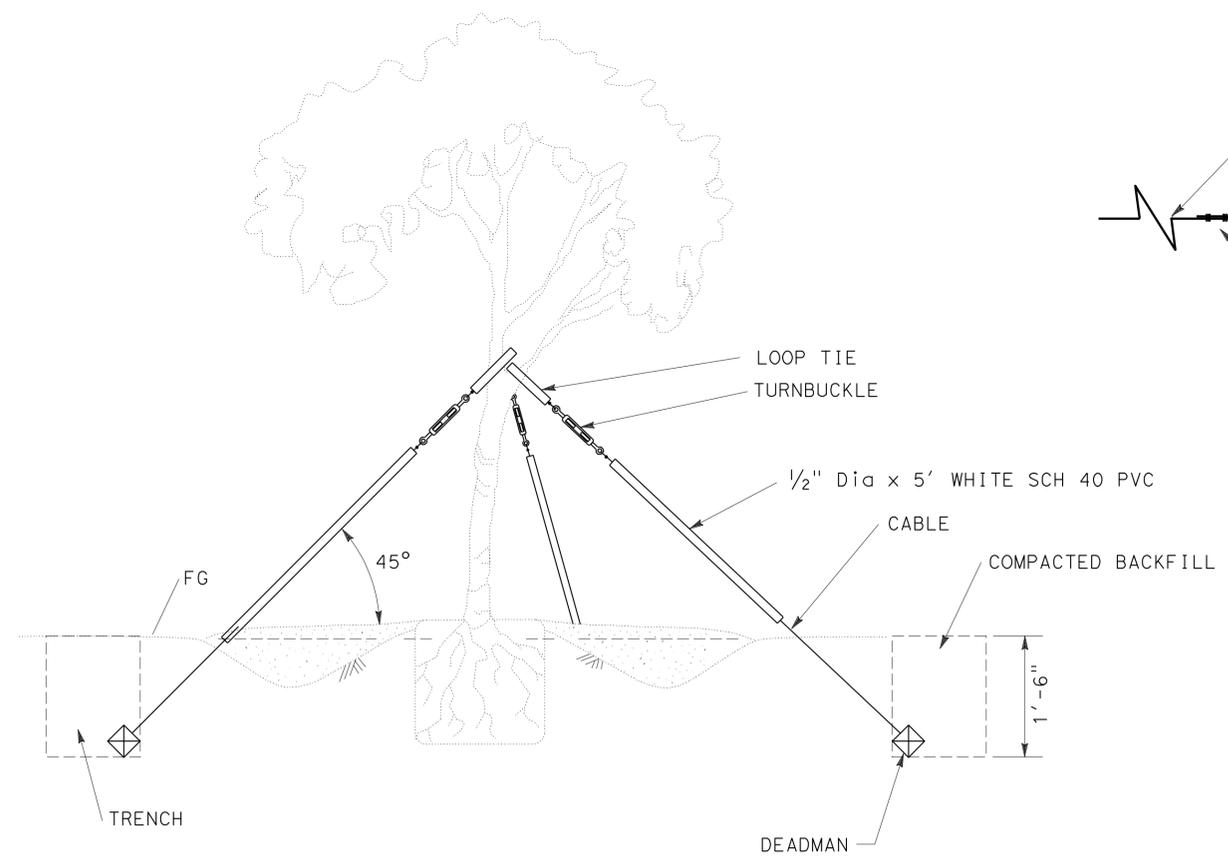
CABLE CONNECTION



TURNBUCKLE



SECTION
SPRINKLER (TYPE C-2 MOD)



ELEVATION
TREE GUY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 DENNIS REEVES
 CALCULATED/DESIGNED BY
 CHECKED BY
 DAVID EMERSON
 KRISTEN LANGAGER
 REVISED BY
 DATE REVISED

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	30	46

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT

June 5, 2009
 PLANS APPROVAL DATE

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To accompany plans dated 7-5-11

2006 REVISED STANDARD PLAN RSP H1

A

AB aggregate base
 ABS acrylonitrile-butadiene-styrene
 AC asphalt concrete
 Adj adjacent/adjustable
 AIC auxiliary irrigation controller
 Alt alternative
 AMEND amendment
 ARV air release valve
 AUTO automatic
 AUX auxiliary
 AVB atmospheric vacuum breaker

B

B&B balled and burlapped
 B/B brass/bronze
 B/B/PL brass/bronze/plastic
 B/PL brass/plastic
 BFM bonded fiber matrix
 Bit C+D bituminous coated
 BP booster pump
 BPA backflow preventer assembly
 BPAE backflow preventer assembly in enclosure
 BPE backflow preventer enclosure
 BV ball valve

C

CAP corrugated aluminum pipe
 CARV combination air release valve
 CCA cam coupler assembly
 CEC controller enclosure cabinet
 CHDPE corrugated high density polyethylene
 CL chain link
 CNC control and neutral conductors
 Conc concrete
 Cond conduit
 CSP corrugated steel pipe
 CST center strip
 CV check valve

D

Dia diameter
 DIP ductile iron pipe
 DN diameter nominal

E

EA each
 Elect electric/electrical
 Elev elevation
 ENCL enclosure
 EP edge of pavement
 ES edge of shoulder
 EST end strip
 ESTB establishment
 ETW edge of traveled way

F

F full circle
 F/P full/part circle
 FAU filter assembly unit
 FCV flow control valve
 FERT fertilizer
 FG finished grade
 FIPT female iron pipe thread
 FIS fertilizer injector system
 FL flow line
 FM flow monitor
 FS flow sensor
 Ft foot/feet
 FV flush valve

G

GAL Gallon(s)
 Galv galvanized
 GARV garden valve
 GPH gallons per hour
 GPM gallons per minute
 GSP galvanized steel pipe
 GV gate valve

H

H half circle
 HB hose bib
 HDPE high density polyethylene
 HP horsepower/hinge point
 HPL high pressure line
 Hwy highway

I

IC irrigation controller
 ICC irrigation controller(s) in controller enclosure cabinet
 ID inside diameter
 In inches
 IFS irrigation filtration system
 IPS iron pipe size
 IPT iron pipe thread
 Irr irrigation

L

L length
 LF linear foot

M

Max maximum
 MBGR metal beam guard railing
 MCV manual control valve
 MIC master irrigation controller
 Min minimum
 MIPT male iron pipe thread
 Misc miscellaneous
 M+I material
 MVP maintenance vehicle pullout

N

NCN no common name
 NL nozzle line
 No. number
 NPT national pipe thread

O

O/C on center
 OD outside diameter
 Oz ounce

P

P part circle
 PB pull box
 PCC portland cement concrete
 PE polyethylene
 PK+ packet
 PL plastic
 PLT plant/planting
 PLT ESTB plant establishment
 PM post mile
 PR pressure rated
 PRLV pressure relief valve
 PSFM polymer stabilized fiber matrix
 PSI pounds per square inch
 PRV pressure reducing valve
 PVC polyvinyl chloride
 Pvm+ pavement

Q

Q quarter circle
 QCV quick coupling valve

R

R radius
 RCP reinforced concrete pipe
 RCV remote control valve
 RCVM remote control valve (master)
 RCVMF remote control valve (master) w/ flow meter
 RCW recycled/reclaimed water
 RECP rolled erosion control product
 REQ required
 R/W right of way

S

S slip
 SCC sprinkler control conduit
 SCH schedule
 SF state-furnished
 Shld shoulder
 SQFT square foot/feet
 SQYD square yard(s)
 SST side strip
 Sta station
 Std standard
 SW sidewalk/sound wall

T

T third circle/thread
 TLS truck loading standpipe
 TQ three quarter circle
 TRM turf reinforcement mat
 TRVD traveled
 TT two third circle
 Typ typical

U

UG underground

V

VAU valve assembly unit

W

W width
 W/ with
 WM water meter
 WS wye strainer
 WSP welded steel pipe
 WWM welded wire mesh

NOTE:
 FOR ADDITIONAL ABBREVIATIONS,
 SEE STANDARD PLANS A10A AND A10B.

**PLANTING AND IRRIGATION
 ABBREVIATIONS**

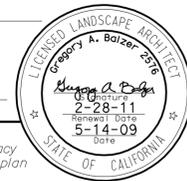
NO SCALE

RSP H1 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H1
 DATED MAY 1, 2006 - PAGE 201 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	31	46

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
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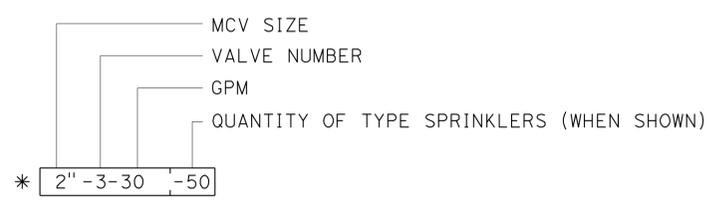
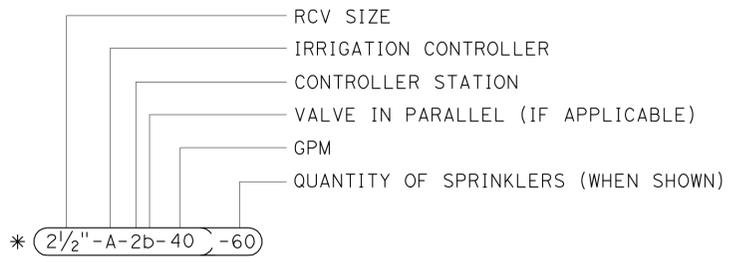


To accompany plans dated 7-5-11

EXISTING	PROPOSED	ITEM DESCRIPTION
		WATER METER (WM)
		BACKFLOW PREVENTER ASSEMBLY (BPA)
		BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (BPAE)
		BACKFLOW PREVENTER ENCLOSURE (BPE)
		BOOSTER PUMP (BP)
		TRUCK LOADING STANDPIPE (TLS)
		FLOW SENSOR (FS)
		MASTER IRRIGATION CONTROLLER (MIC)
		AUXILIARY IRRIGATION CONTROLLER (AIC)
		IRRIGATION CONTROLLER (IC)/ IRRIGATION CONTROLLER (IC) (BATTERY) IRRIGATION CONTROLLER (IC) (SOLAR)
		IRRIGATION CONTROLLER(S) IN CONTROLLER ENCLOSURE CABINET (ICC)
		CONTROL AND NEUTRAL CONDUCTORS (CNC)
		SPRINKLER CONTROL CONDUIT (SCC)
		IRRIGATION CROSSOVER
		EXTEND IRRIGATION CROSSOVER
		IRRIGATION SLEEVE
		DUCTILE IRON PIPE (SUPPLY LINE) (MAIN) (DIP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (MAIN) (GSP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (LATERAL) (GSP)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (MAIN)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (LATERAL)
		PLASTIC PIPE (IRRIGATION LINE)
		REMOTE CONTROL VALVE (RCV) REMOTE CONTROL VALVE (MASTER) (RCVM) REMOTE CONTROL VALVE (MASTER) W/FLOW METER (RCVMF)
		MANUAL CONTROL VALVE (MCV)
		VALVE ASSEMBLY UNIT (VAU)
		WYE STRAINER (WS)
		FILTER ASSEMBLY UNIT (FAU)
		GATE VALVE (GV)
		BALL VALVE (BV)

EXISTING	PROPOSED	ITEM DESCRIPTION
		QUICK COUPLING VALVE (QCV)
		CAM COUPLER ASSEMBLY (CCA)
		PRESSURE REDUCING VALVE (PRV)
		PRESSURE RELIEF VALVE (PRLV)
		FLOW CONTROL VALVE (FCV)
		COMBINATION AIR RELEASE VALVE (CARV)
		CHECK VALVE (CV)
		FLUSH VALVE (FV)
		NOZZLE LINE W/TURNING UNION
		IRRIGATION SYSTEM
		IRRIGATION SYSTEM TO BE REMOVED
		CHAIN LINK GATE
		QUICK COUPLING VALVE W/SPRINKLER PROTECTOR
		SPRINKLER W/SPRINKLER PROTECTOR
		CONNECT TO EXISTING SYSTEM
		CAP
		CAP EXISTING

VALVE CODE



* VALVE CODES FOR EXISTING VALVES ARE SHOWN IN A DASHED ENCLOSURE.

PLANTING AND IRRIGATION SYMBOLS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

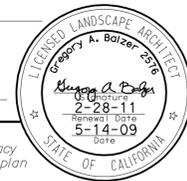
RSP H2 DATED JUNE 5, 2009 SUPERSEDES RSP H2 DATED MARCH 7, 2008 AND STANDARD PLAN H2 DATED MAY 1, 2006 - PAGE 202 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H2

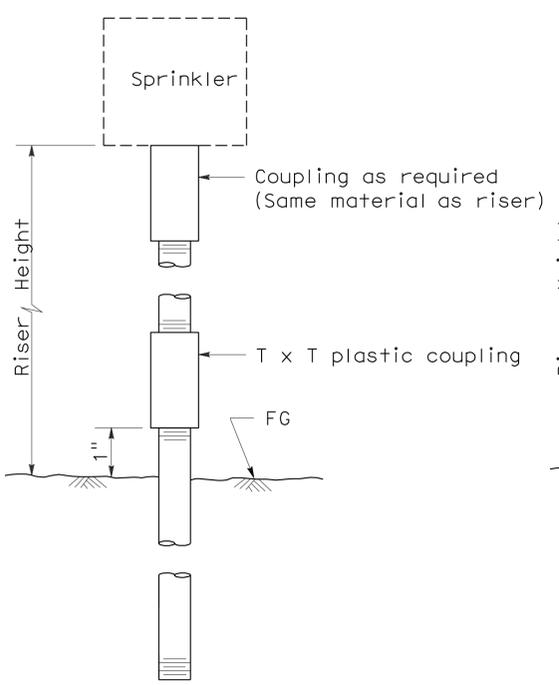
2006 REVISED STANDARD PLAN RSP H2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	32	46

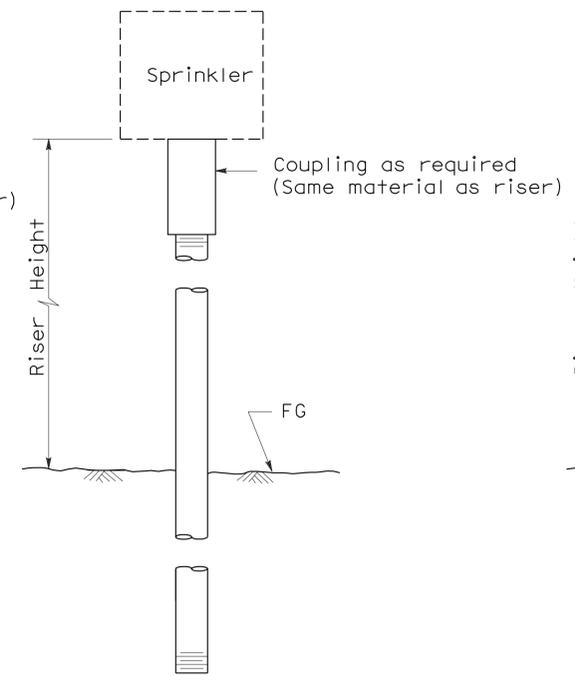
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
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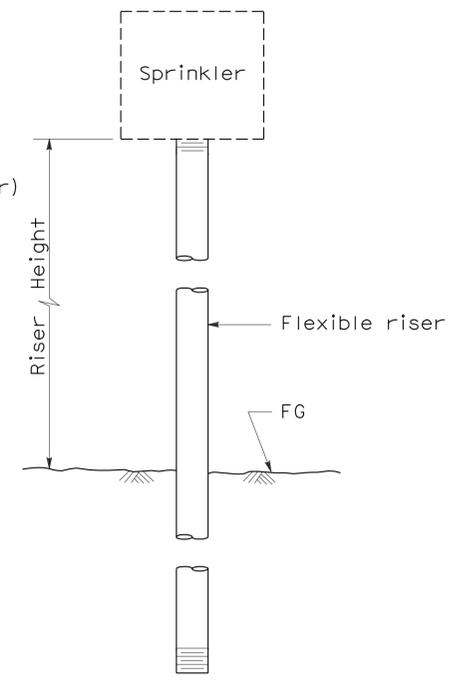
To accompany plans dated 7-5-11



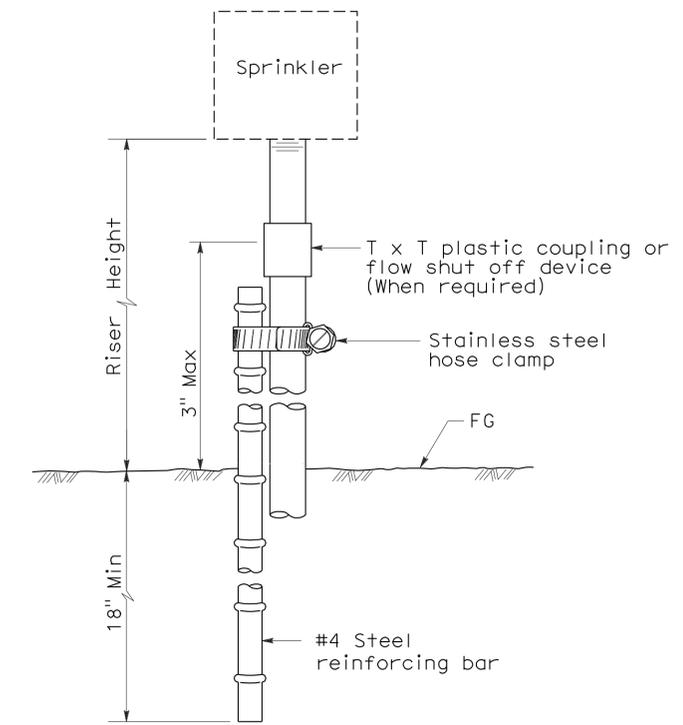
ELEVATION
RISER TYPE I



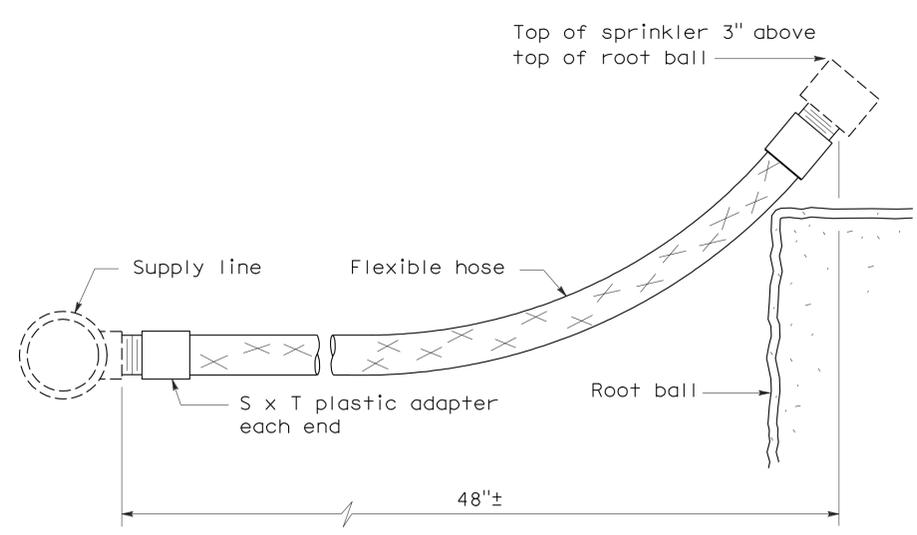
ELEVATION
RISER TYPE II



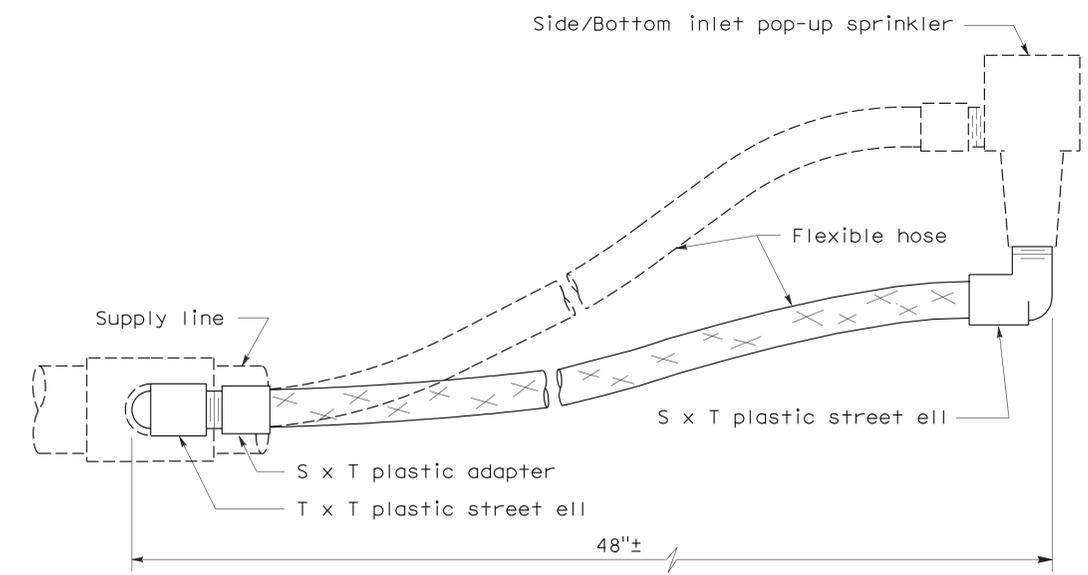
ELEVATION
RISER TYPE III



ELEVATION
RISER TYPE IV



ELEVATION
RISER TYPE V



ELEVATION
RISER TYPE VI

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
DETAILS**
NO SCALE

RSP H5 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H5
DATED MAY 1, 2006 - PAGE 205 OF THE STANDARD PLANS BOOK DATED MAY 2006.

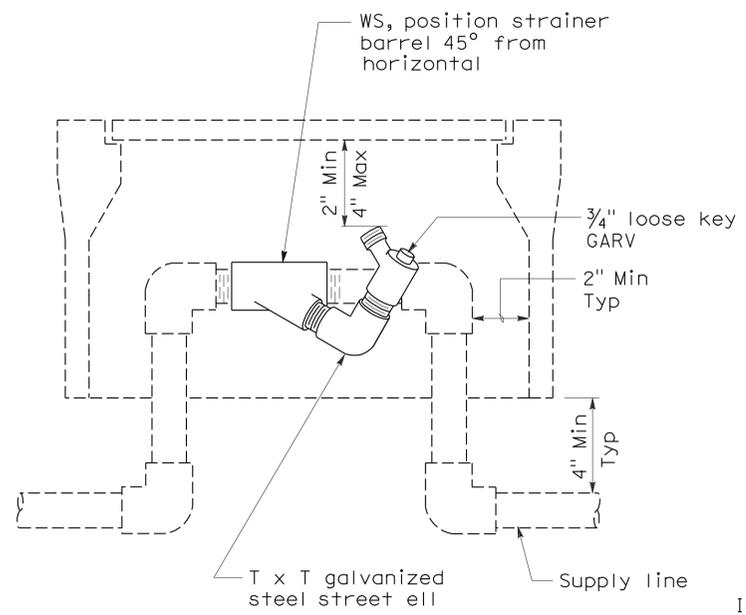
REVISED STANDARD PLAN RSP H5

2006 REVISED STANDARD PLAN RSP H5

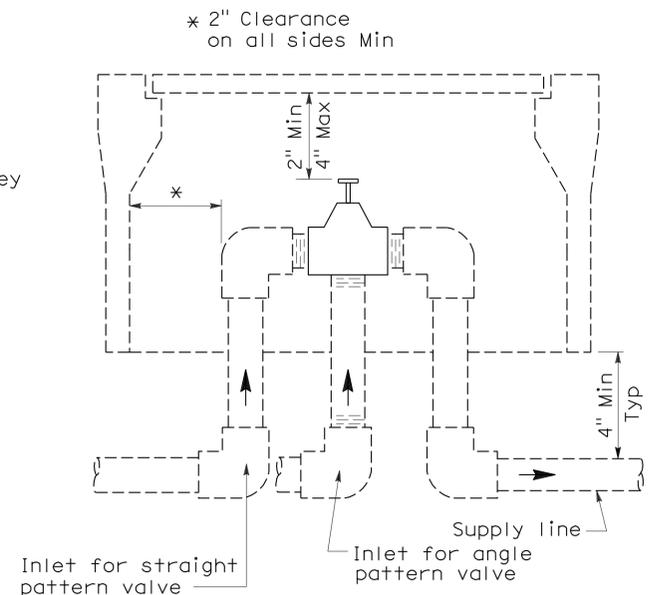
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	33	46

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 License No. 2268
 Signature Date: 2-28-11
 Renewal Date: 5-14-09
 State of California

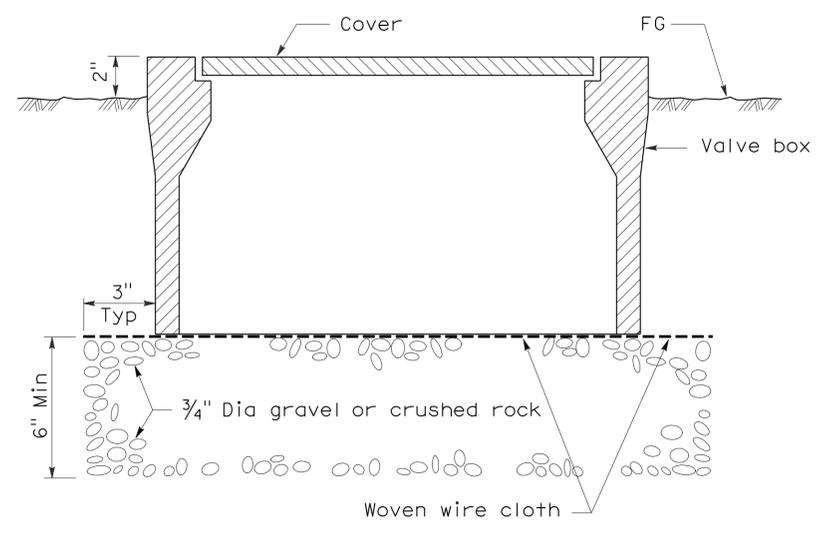
June 5, 2009
 PLANS APPROVAL DATE
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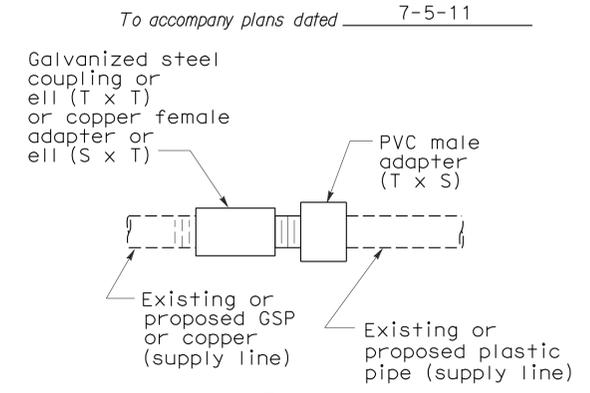
ELEVATION
WYE STRAINER



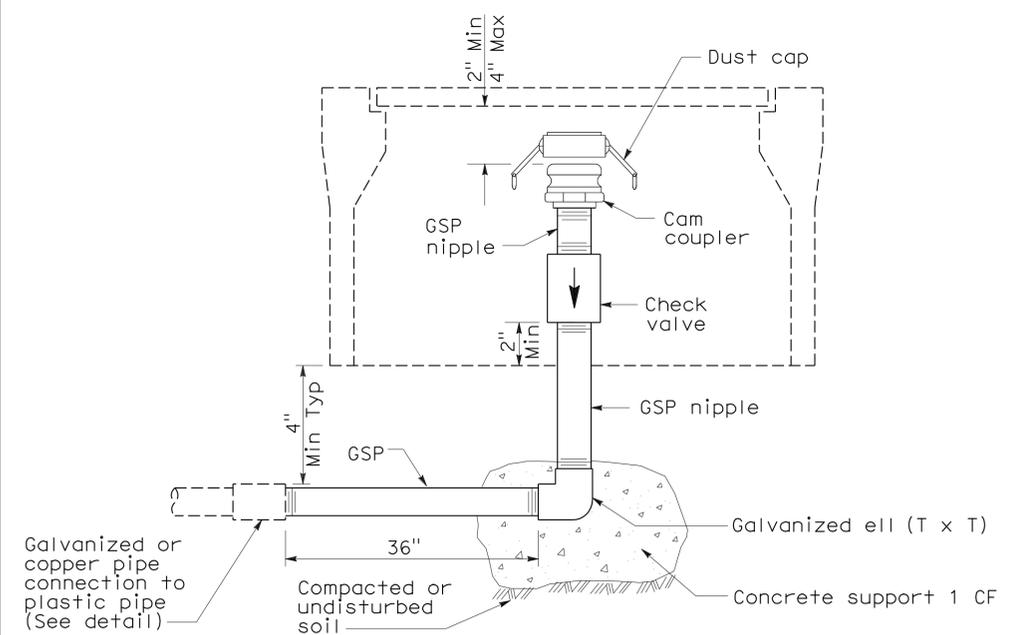
ELEVATION
VALVE



SECTION
VALVE BOX

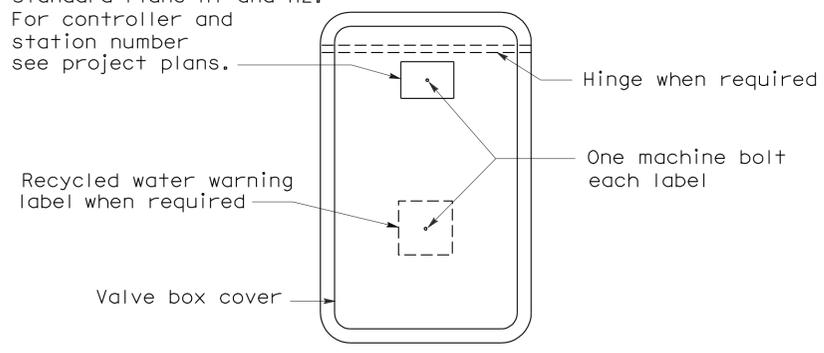


PLAN
GALVANIZED OR COPPER PIPE CONNECTION TO PLASTIC PIPE

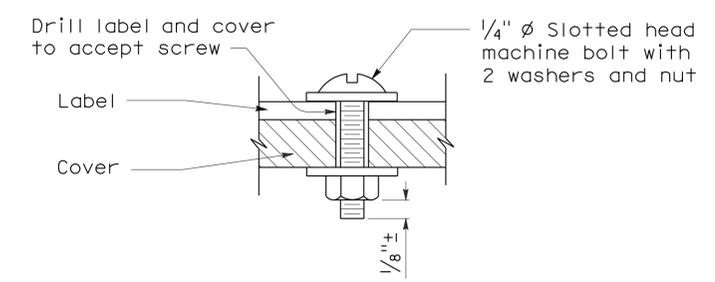


ELEVATION
CAM COUPLER ASSEMBLY

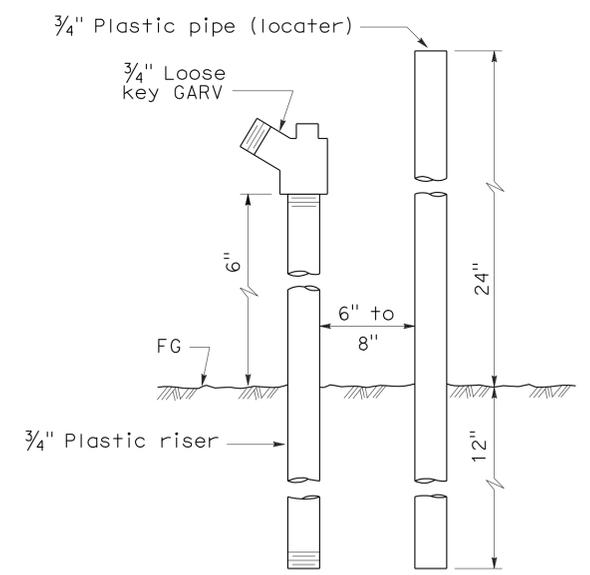
Identification label:
 For abbreviations see Revised Standard Plans H1 and H2.
 For controller and station number see project plans.



PLAN



SECTION
VALVE BOX IDENTIFICATION



ELEVATION
FLUSH VALVE

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

PLANTING AND IRRIGATION DETAILS

NO SCALE

RSP H7 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H7
 DATED MAY 1, 2006 - PAGE 207 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H7

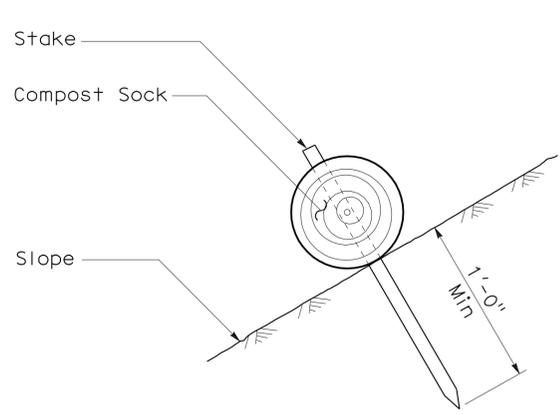
2006 REVISED STANDARD PLAN RSP H7

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	34	46

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

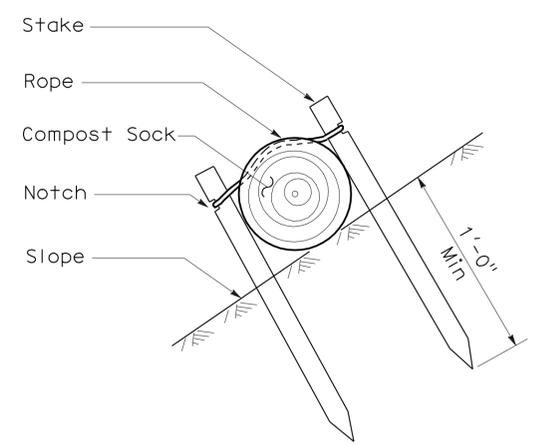
To accompany plans dated 7-5-11

NOTE:
Compost sock spacing varies depending upon slope inclination.

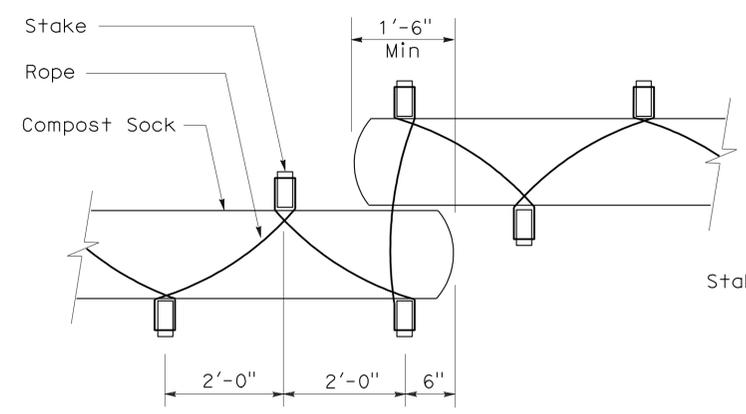


SECTION

COMPOST SOCK (TYPE 1)

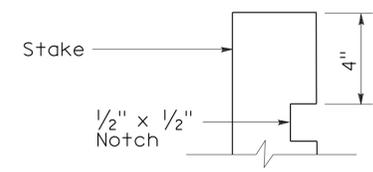


SECTION



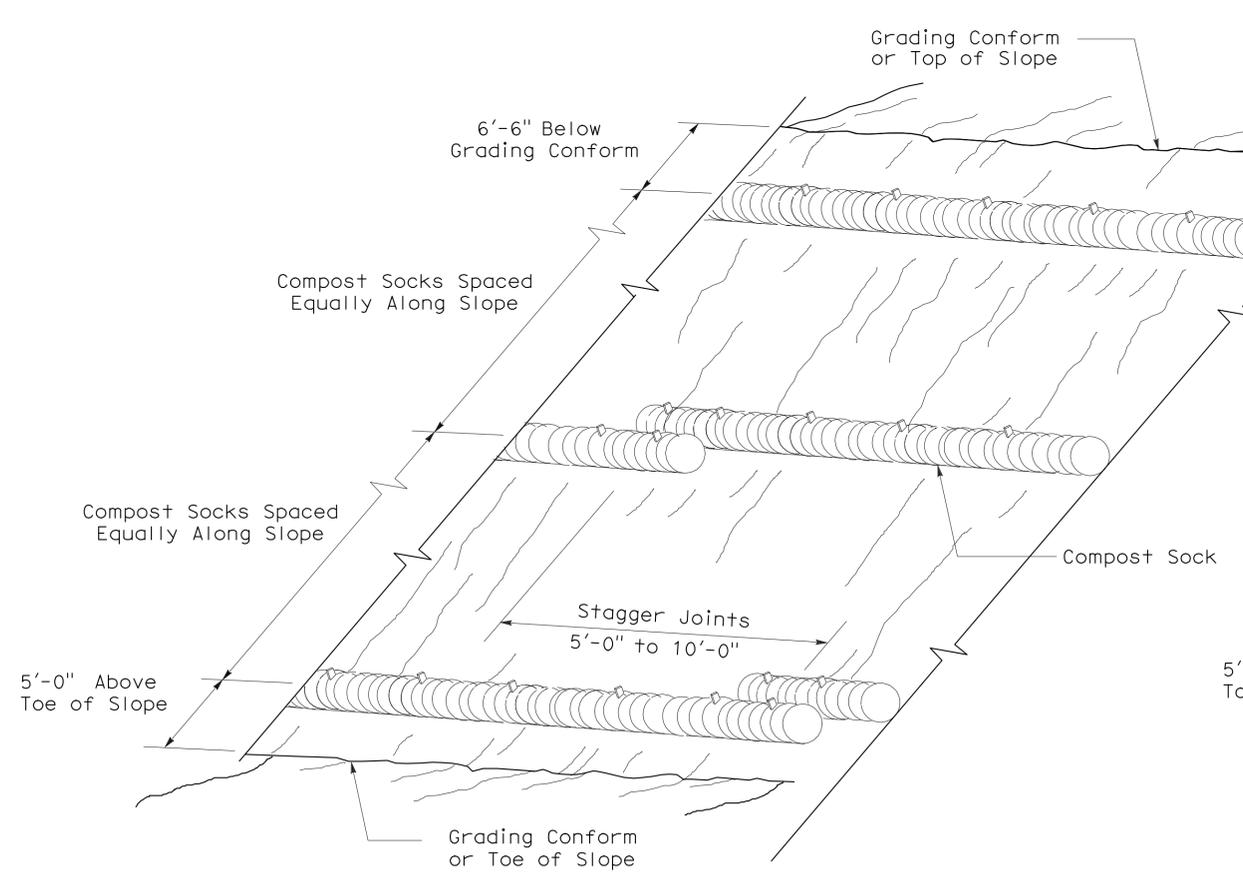
PLAN

COMPOST SOCK (TYPE 2)



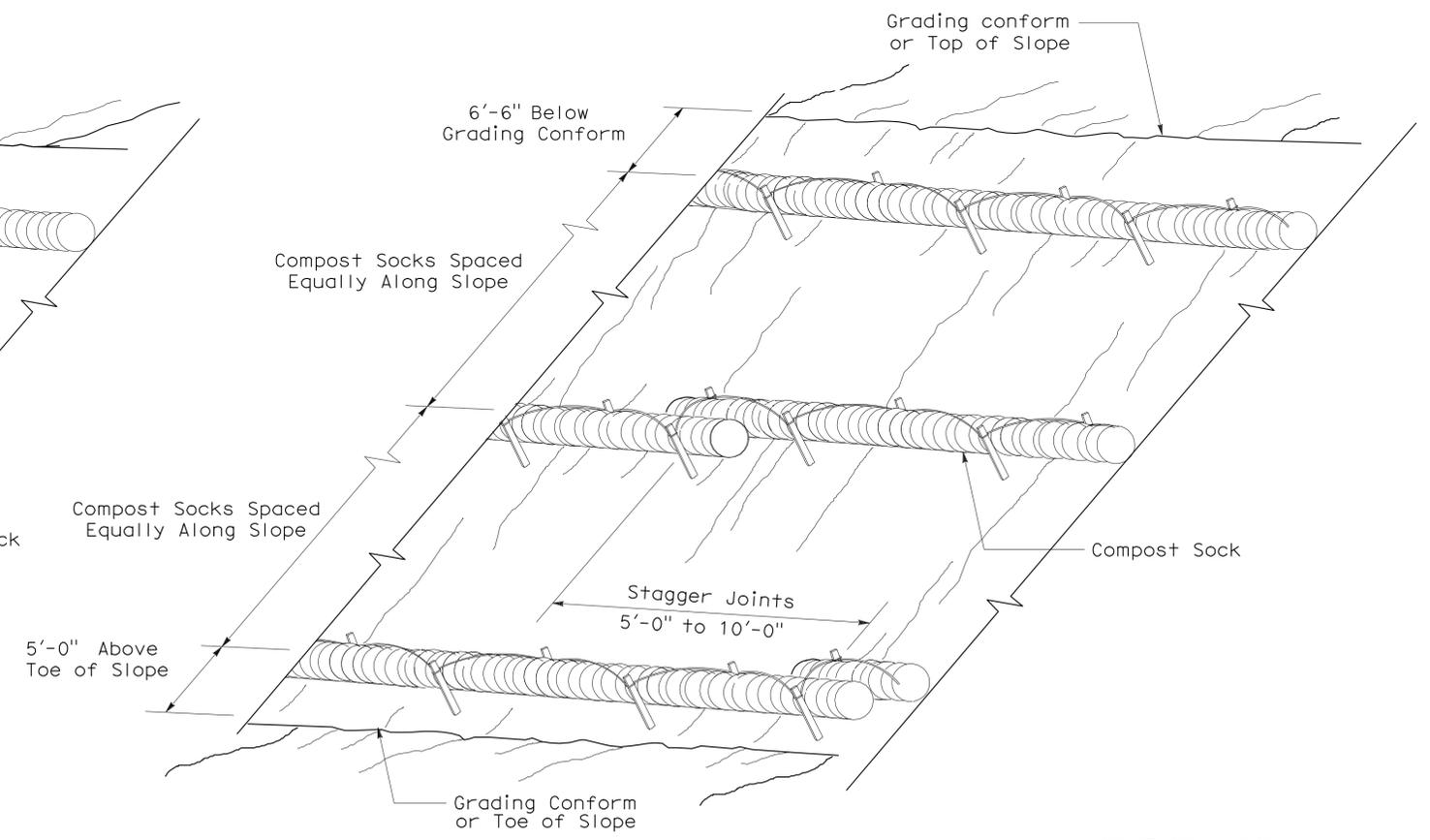
ELEVATION

STAKE NOTCH DETAIL



PERSPECTIVE

COMPOST SOCK (TYPE 1)



PERSPECTIVE

COMPOST SOCK (TYPE 2)

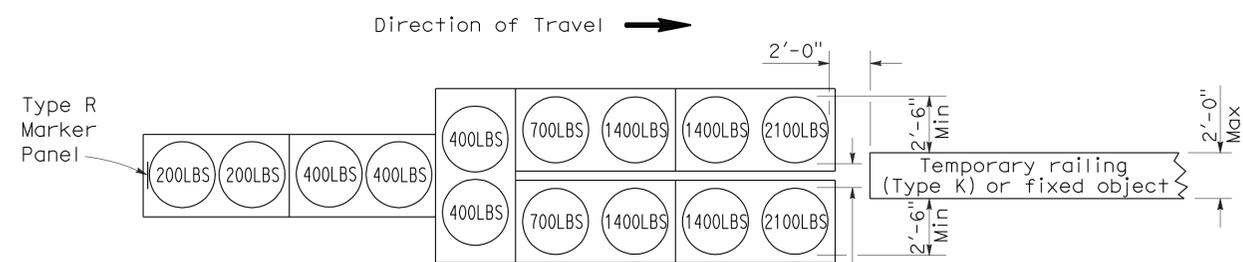
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
EROSION CONTROL DETAILS (COMPOST SOCK)

NO SCALE
NSP H52 DATED APRIL 3, 2009 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP H52

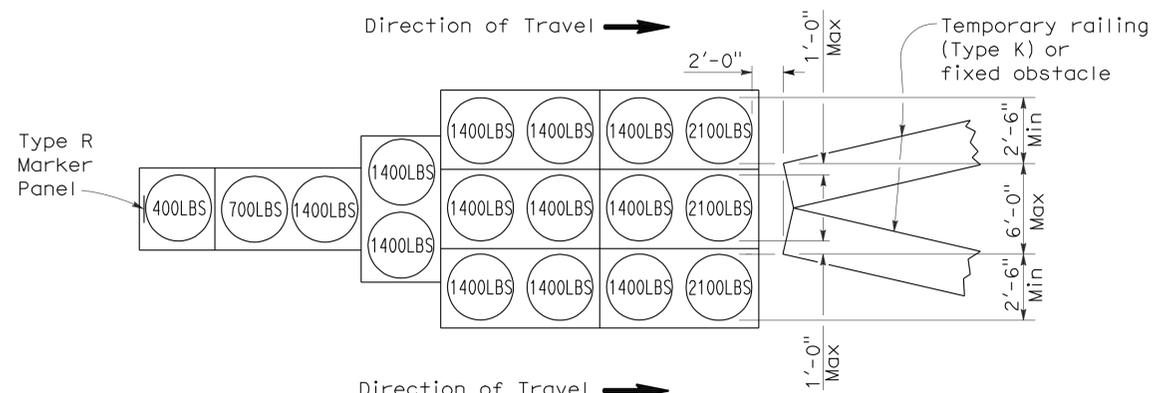
2006 NEW STANDARD PLAN NSP H52

To accompany plans dated 7-5-11



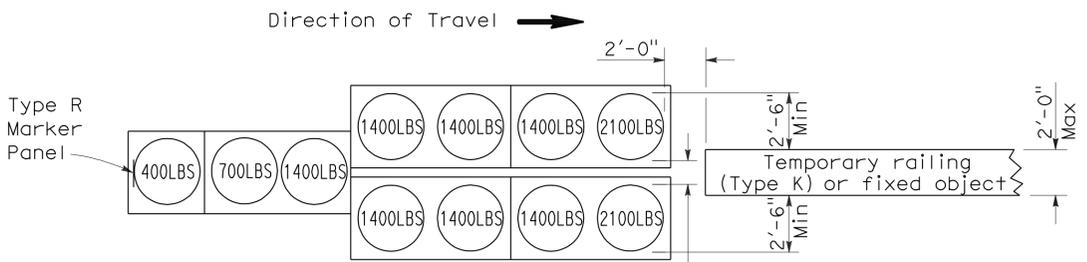
ARRAY 'TU14'

Approach speed 45 mph or more



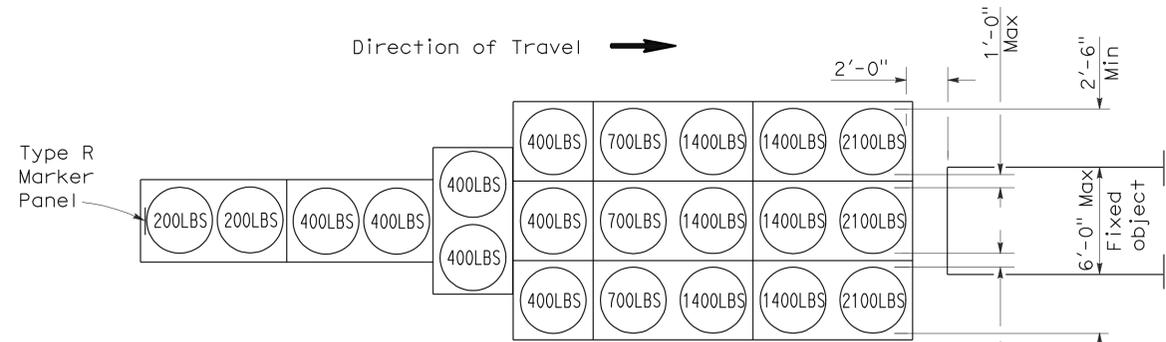
ARRAY 'TU17'

Approach speed less than 45 mph



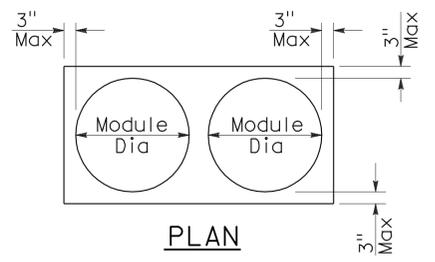
ARRAY 'TU11'

Approach speed less than 45 mph

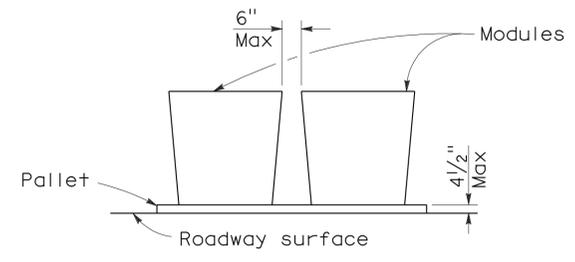


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	36	46

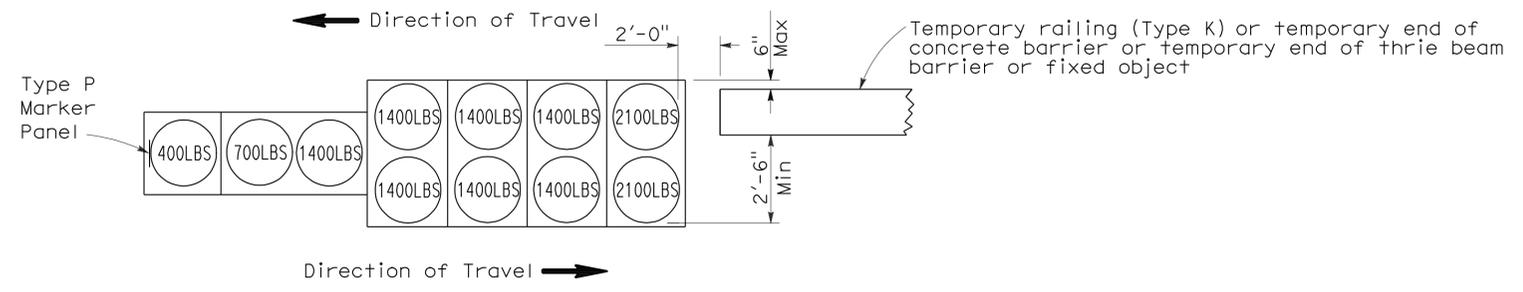
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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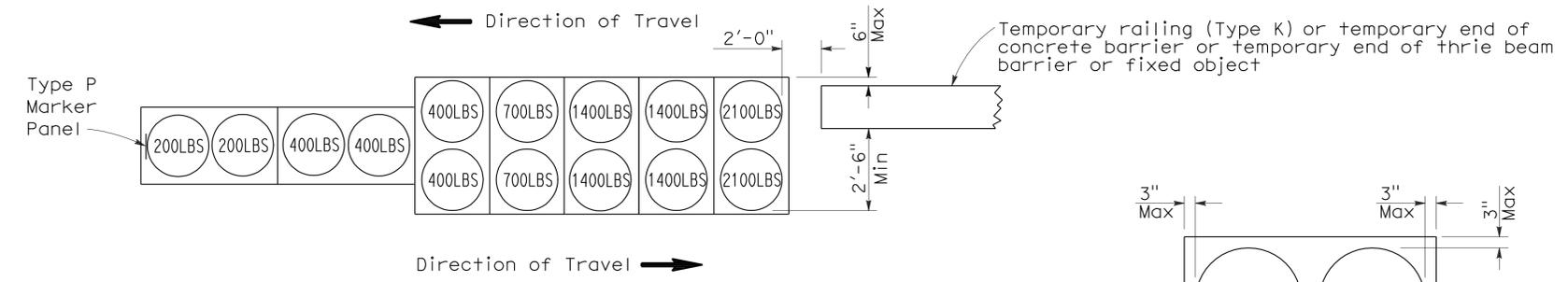
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 7-5-11



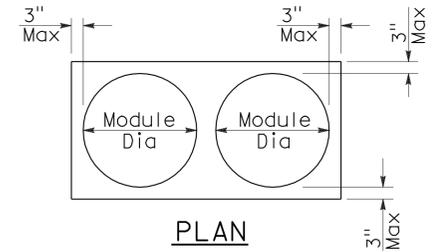
ARRAY 'TB11'

Approach speed less than 45 mph

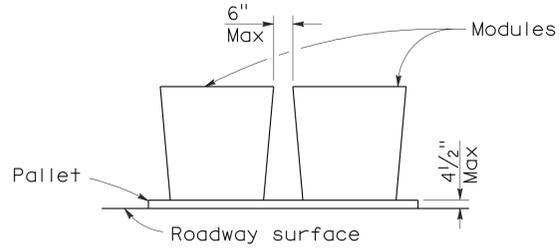


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

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

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	37	46

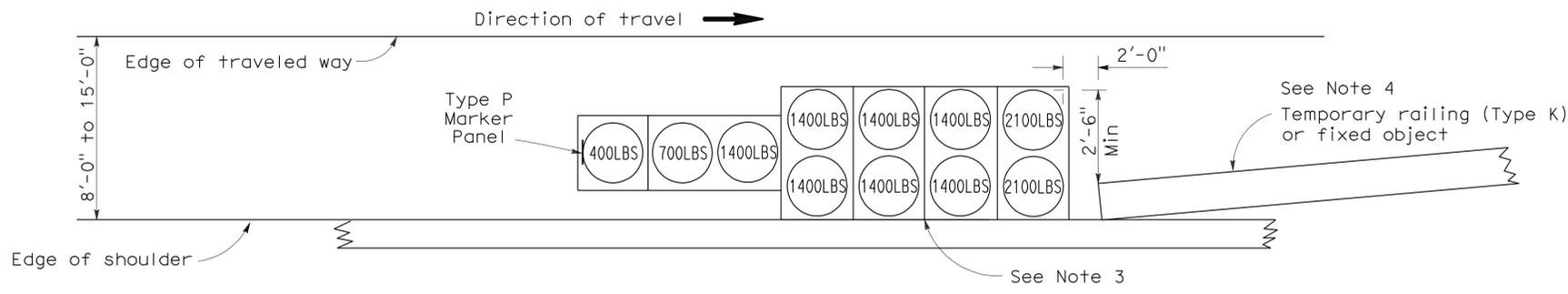
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

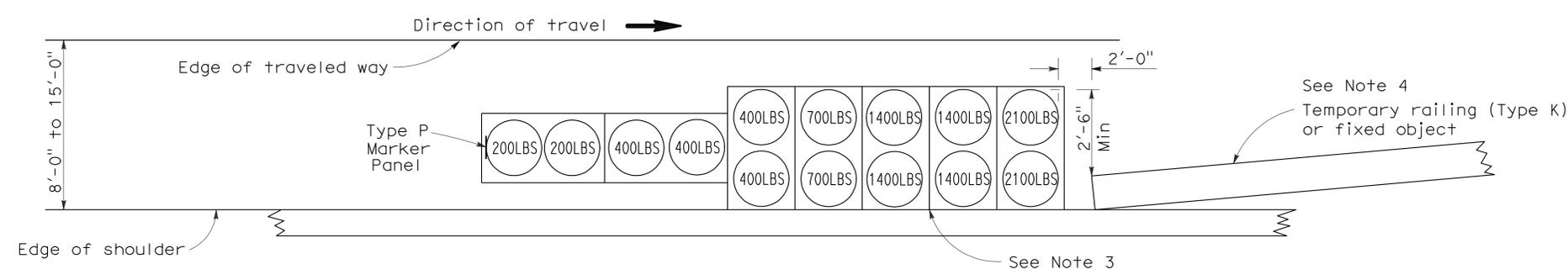
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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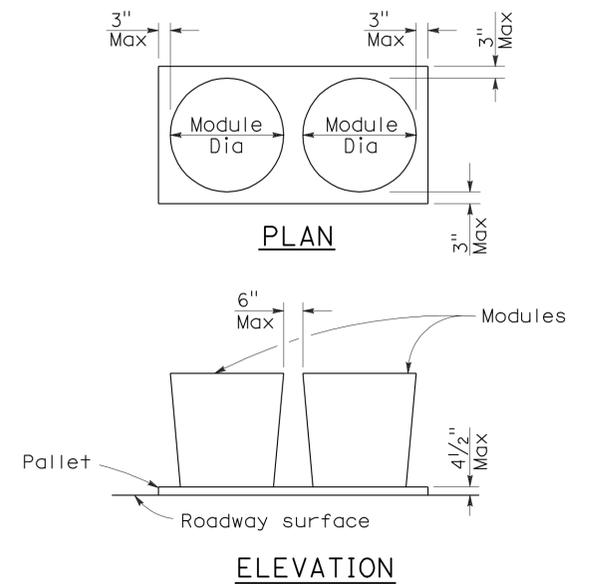
To accompany plans dated 7-5-11



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



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



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

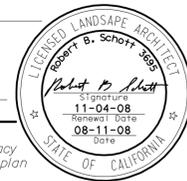
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

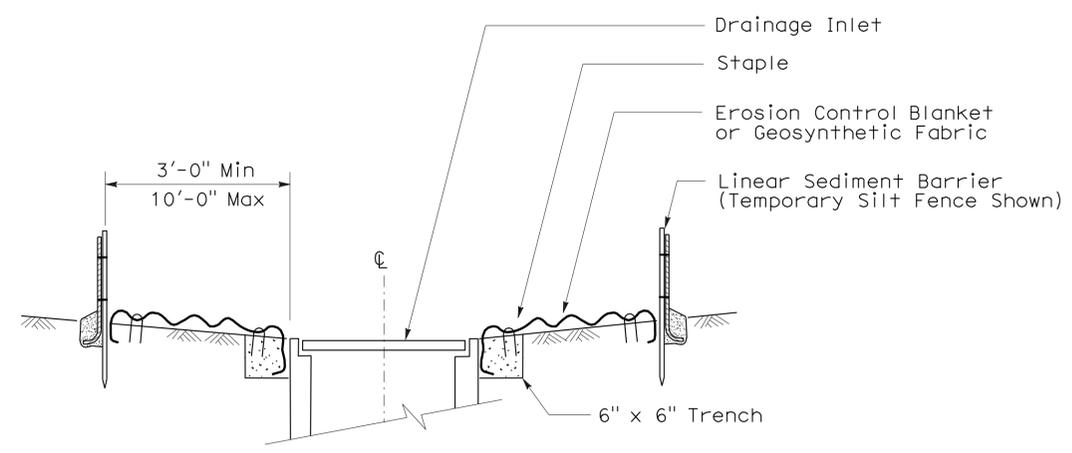
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	39	46

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS Approval DATE
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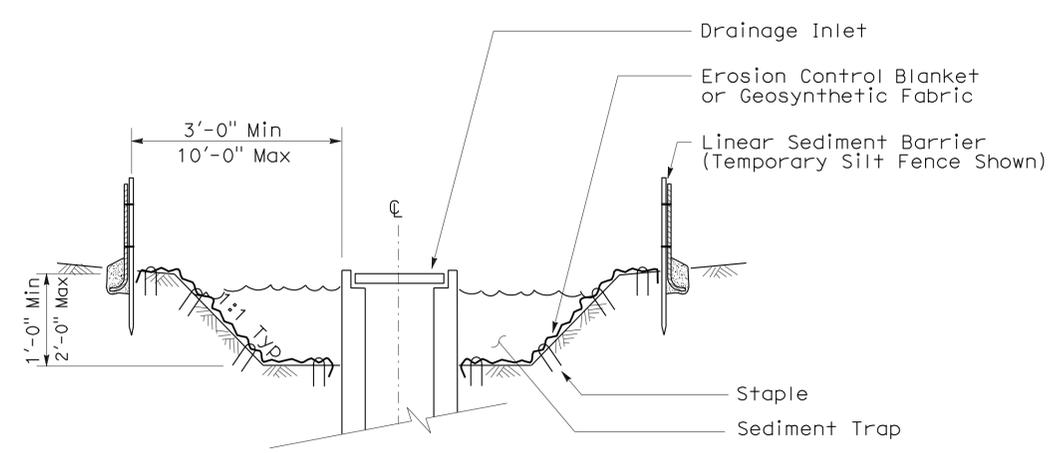


To accompany plans dated 7-5-11

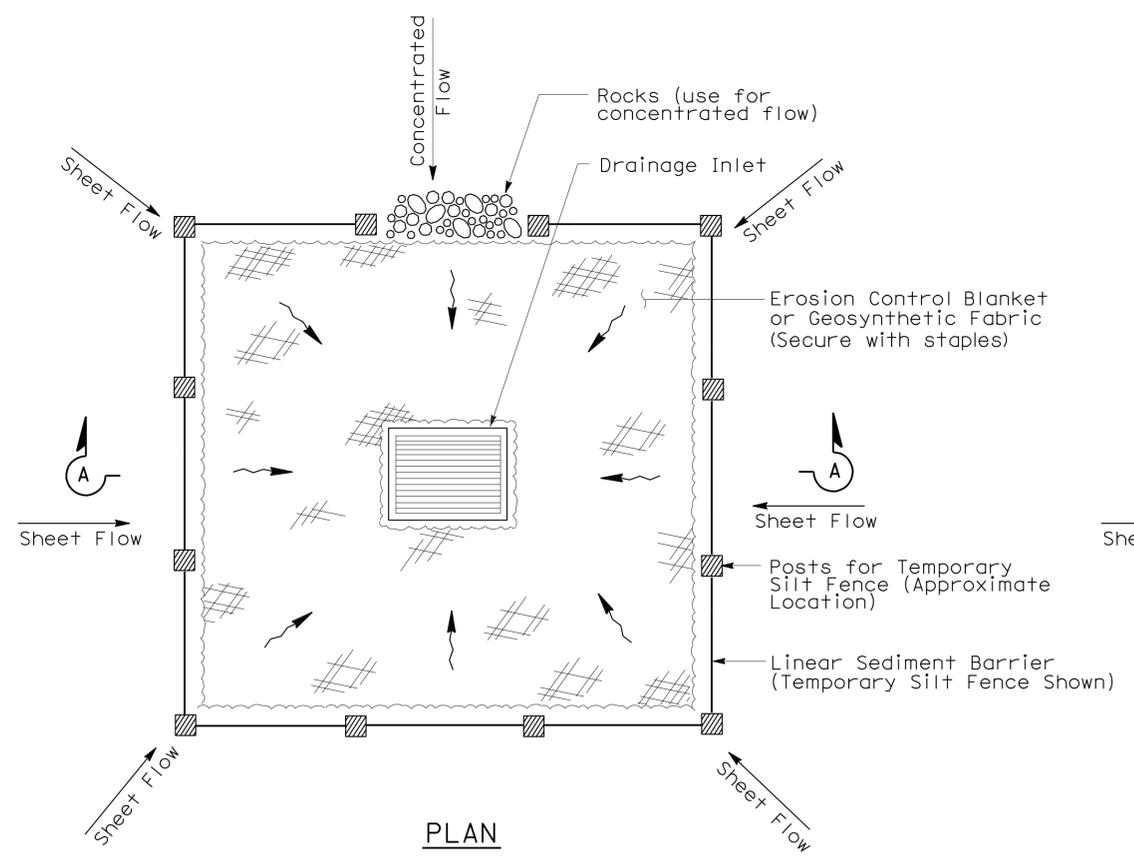
- NOTES:**
- See Standard Plan T51 for Temporary Silt Fence.
 - Dimensions may vary to fit field conditions.



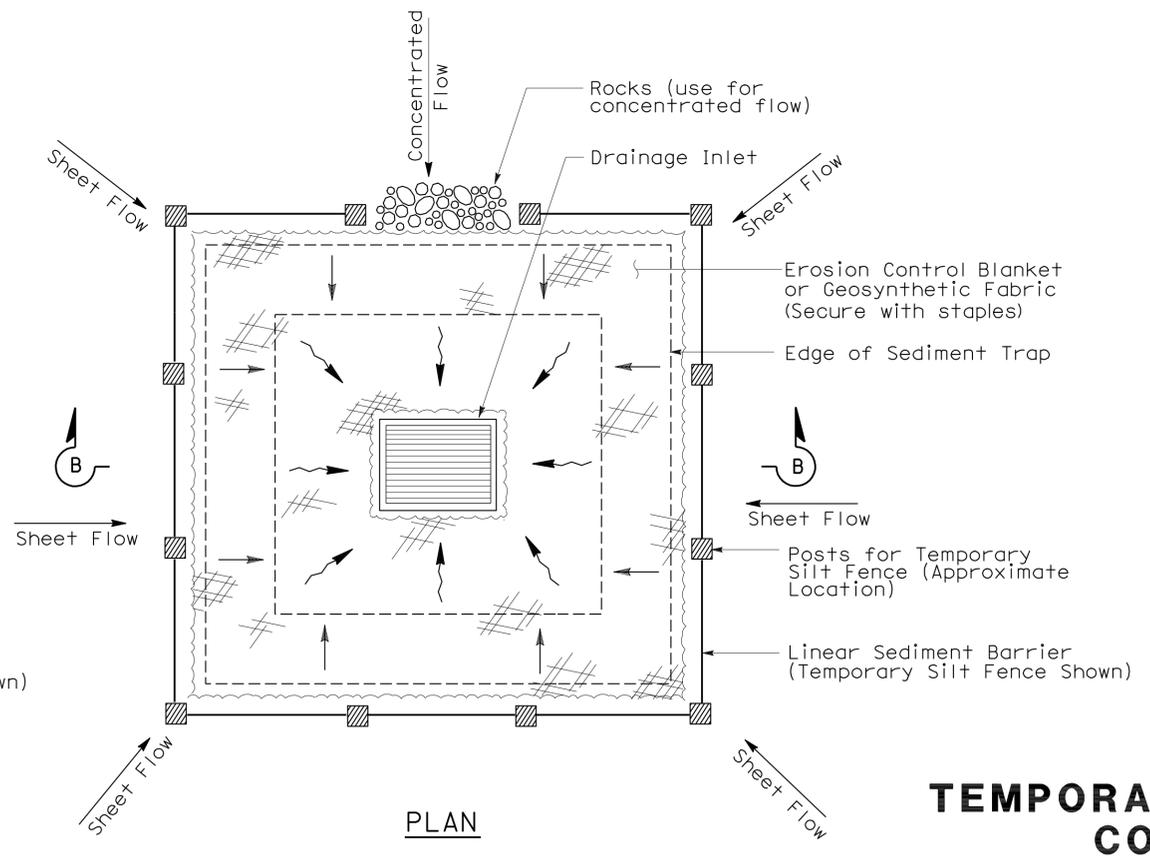
SECTION A-A



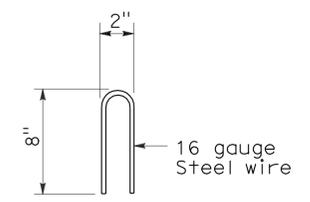
SECTION B-B



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)

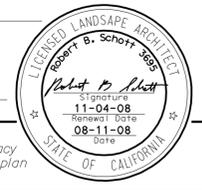


STAPLE DETAIL

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
(TEMPORARY DRAINAGE INLET PROTECTION)
 NO SCALE

NSP T61 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T61

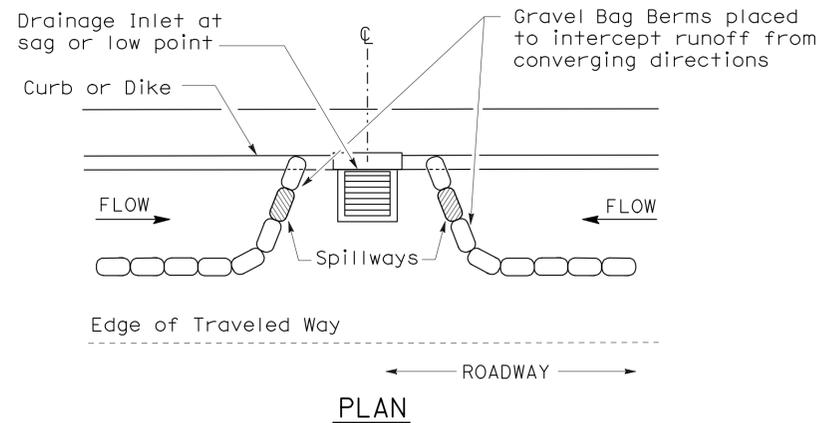


To accompany plans dated 7-5-11

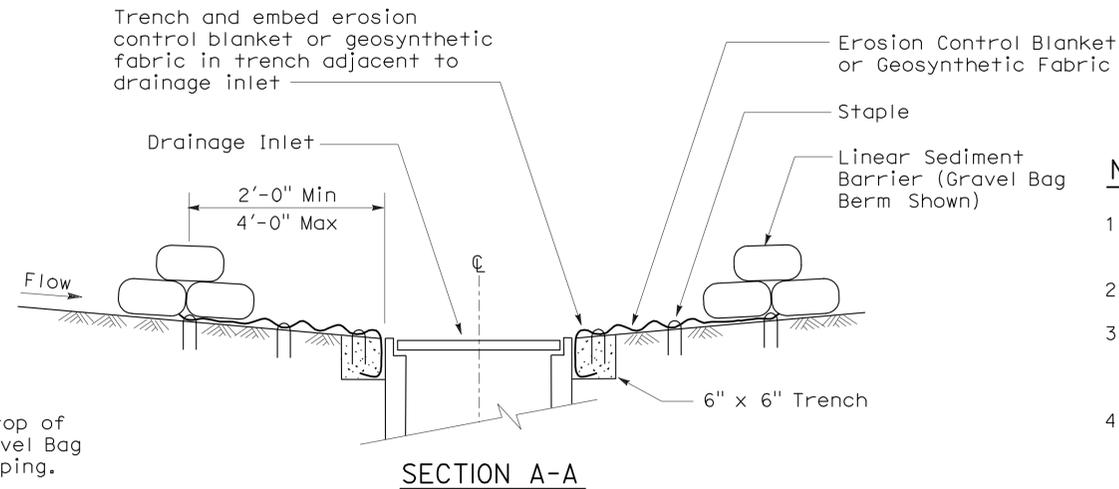
GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



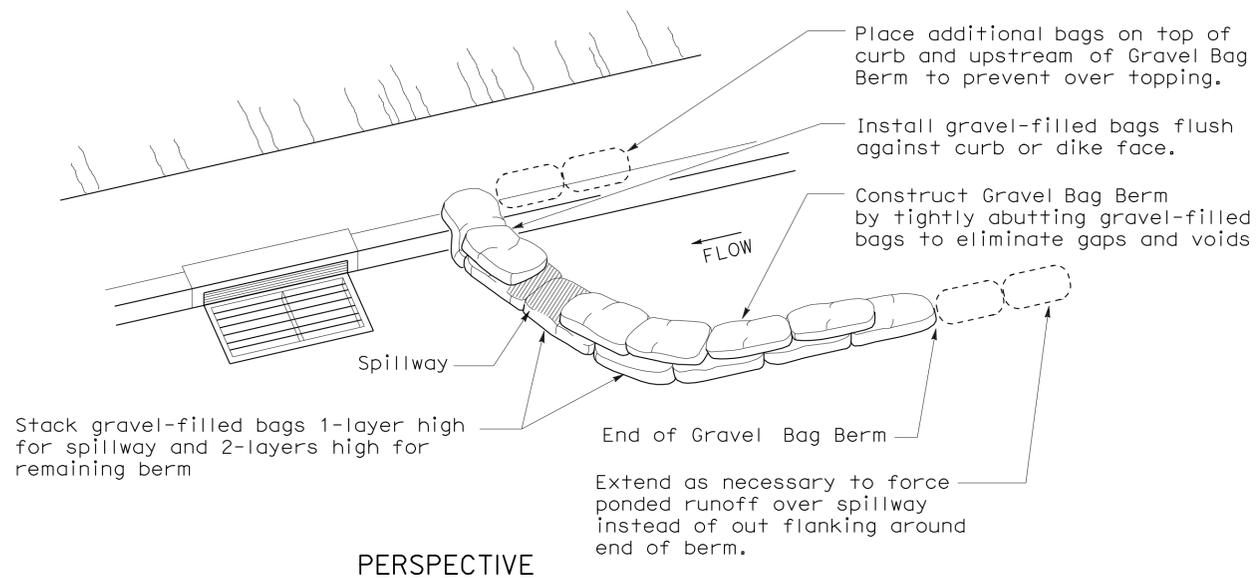
PLAN
CONFIGURATION FOR SAG POINT INLET
(GRAVEL BAG BERM)



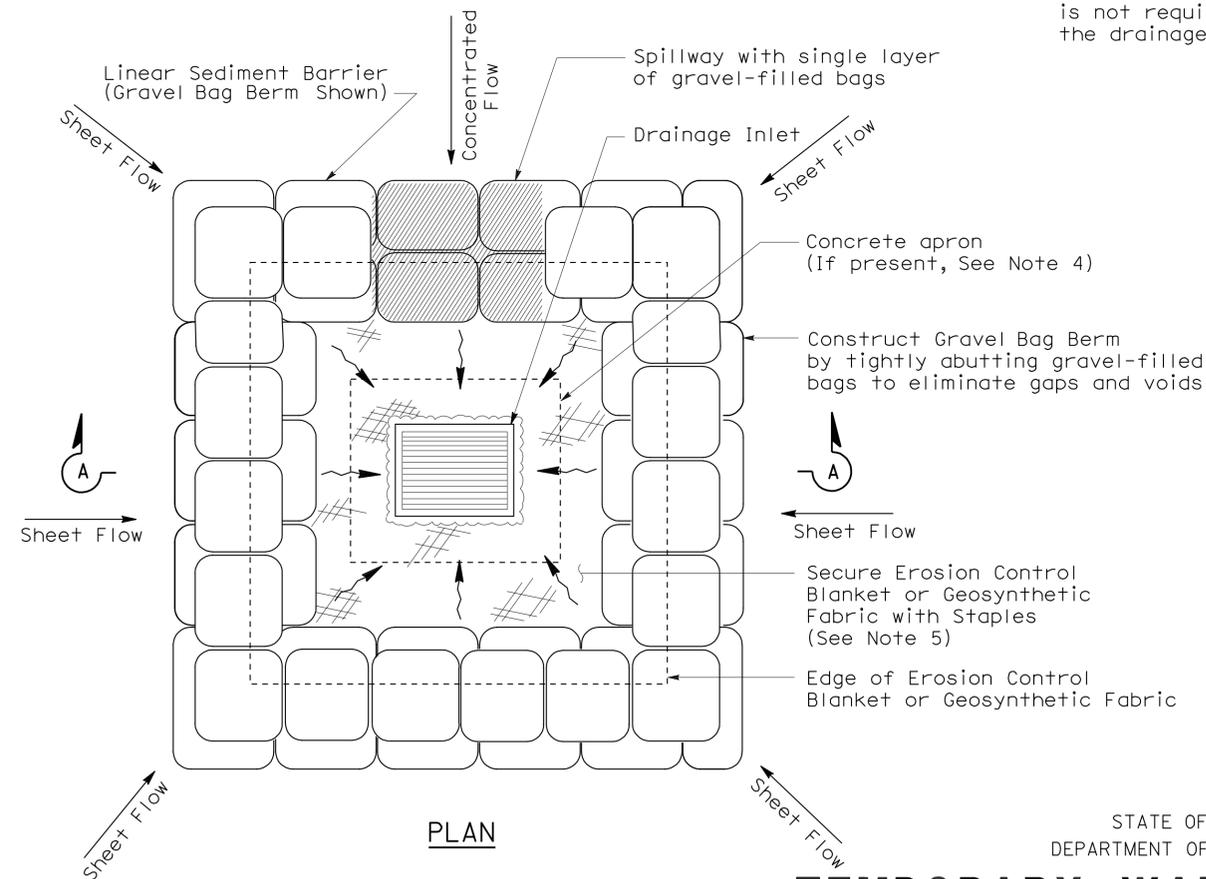
SECTION A-A

NOTES:

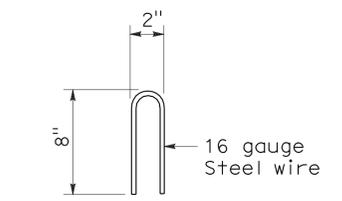
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.



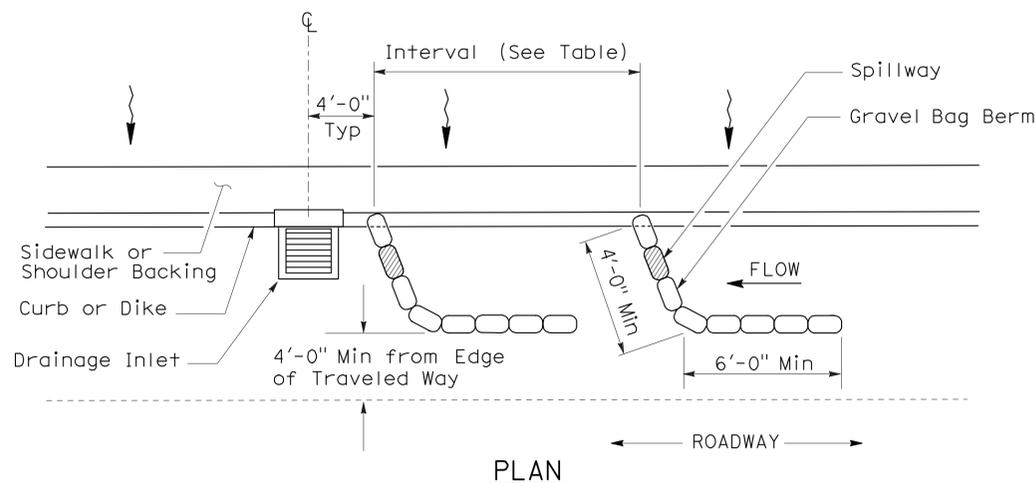
PERSPECTIVE



PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 3A)
(GRAVEL BAG BERM)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
(TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE
 NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

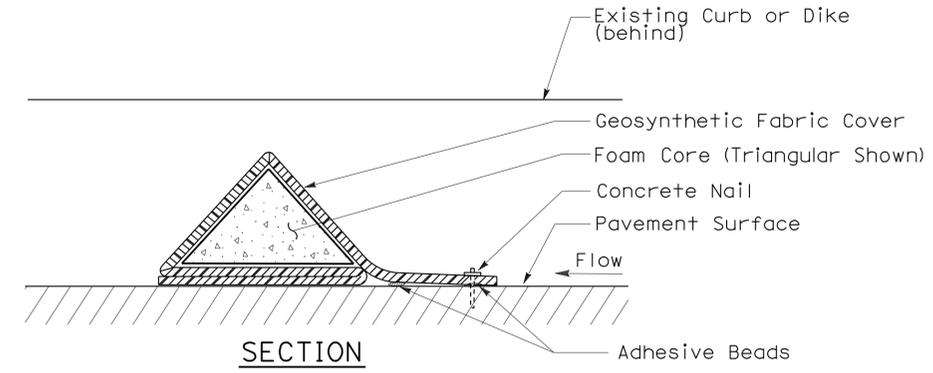
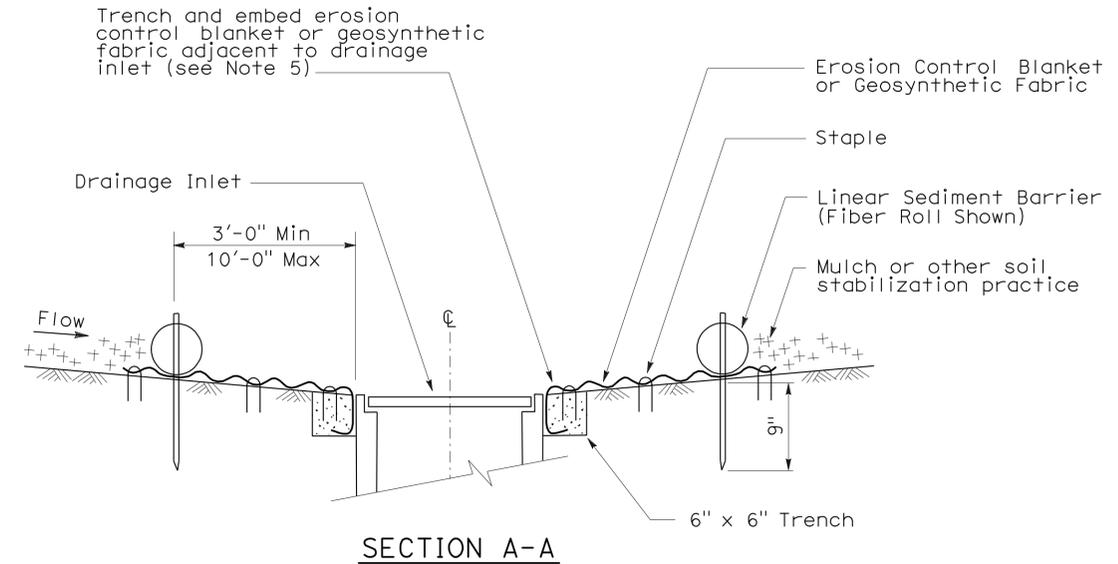
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	41	46

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 7-5-11

FLEXIBLE SEDIMENT BARRIER SPACING TABLE

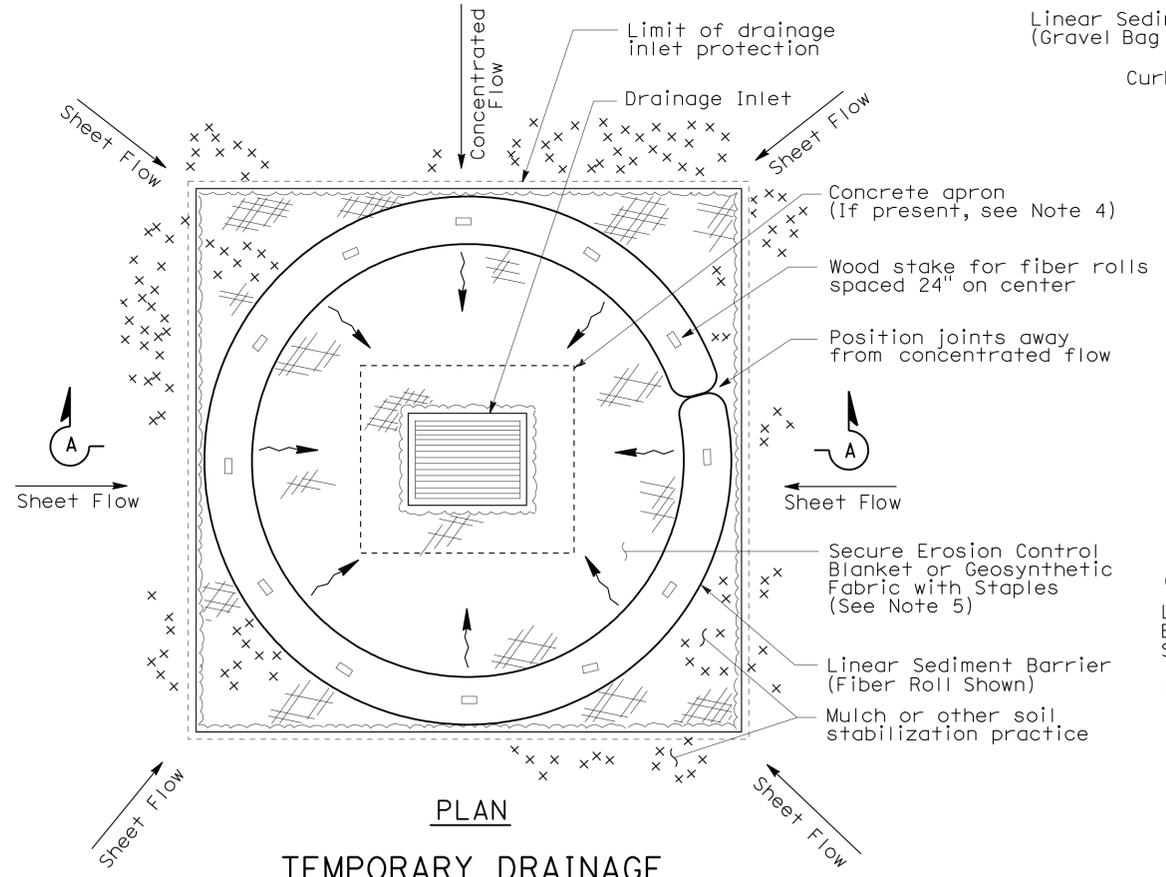
SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50'	35'	30'	25'	20'
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6'	6'	6'	6'	6'



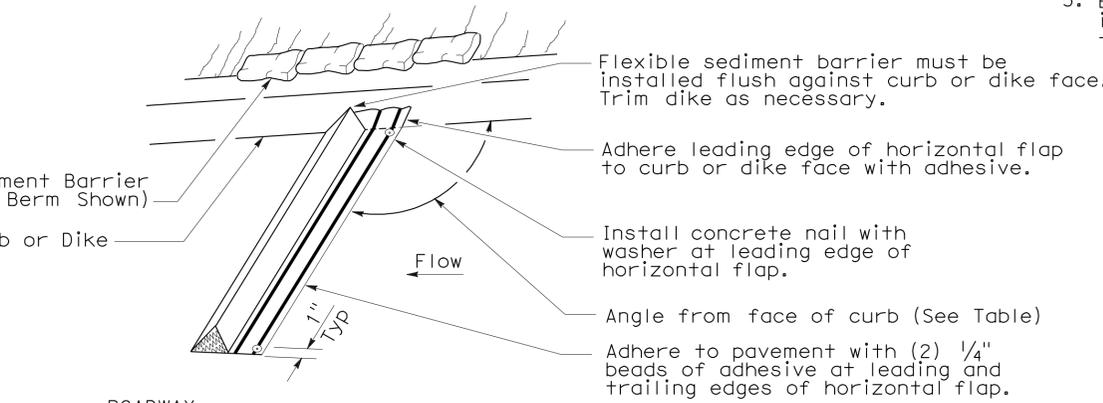
FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)

NOTES:

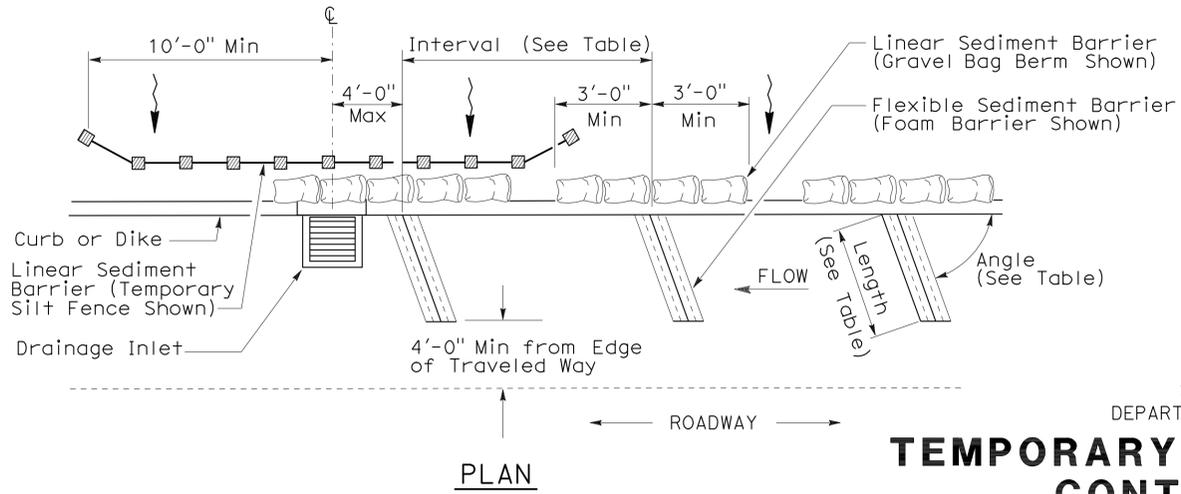
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.



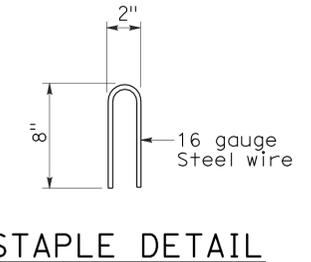
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



PERSPECTIVE



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4B) FLEXIBLE SEDIMENT BARRIER



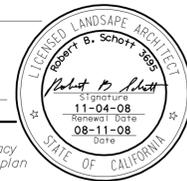
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 NO SCALE
 NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

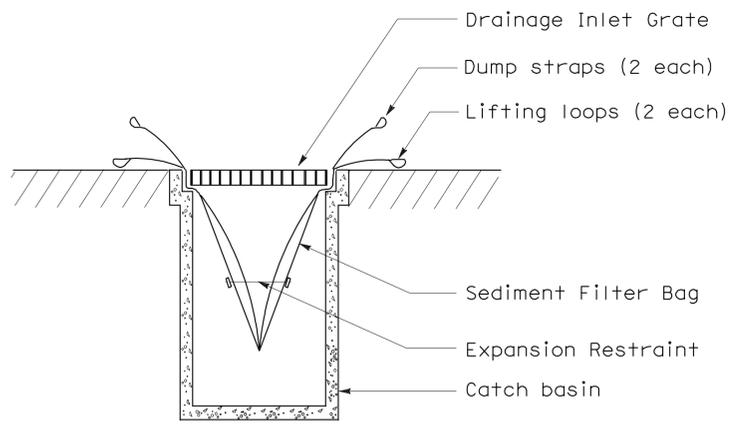
2006 NEW STANDARD PLAN NSP T63

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	42	46

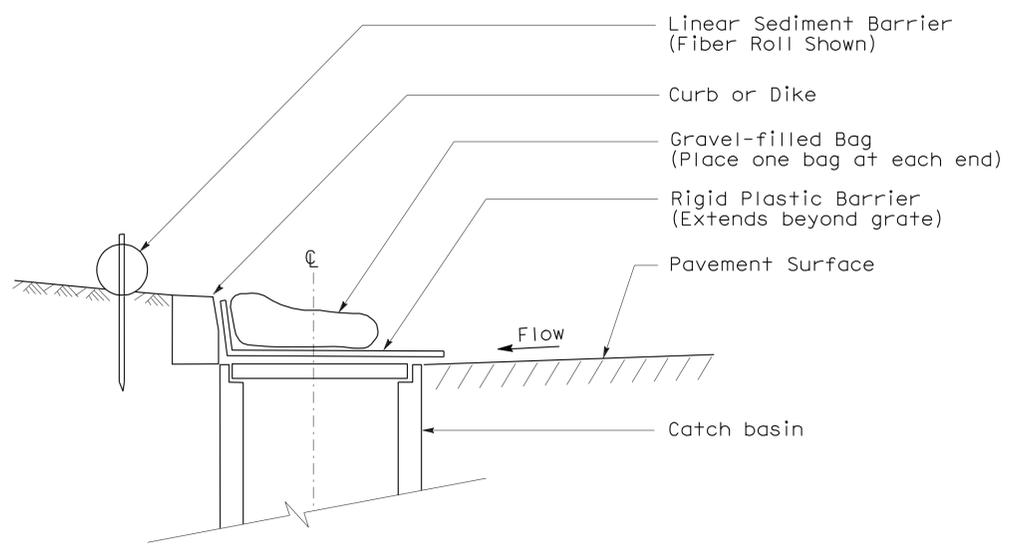
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 August 15, 2008
 PLANS APPROVAL DATE
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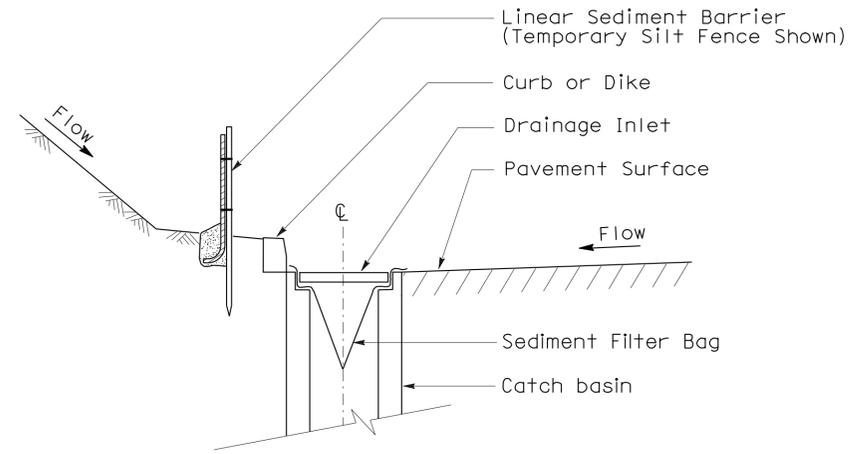
To accompany plans dated 7-5-11



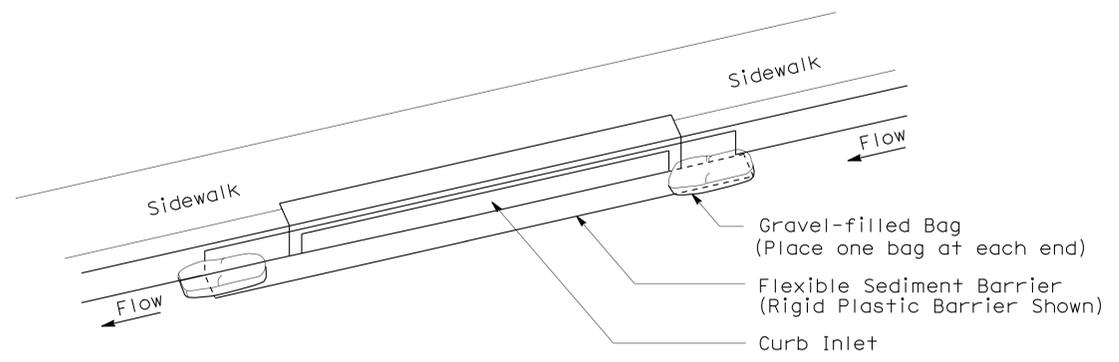
SECTION B-B
SEDIMENT FILTER BAG DETAIL



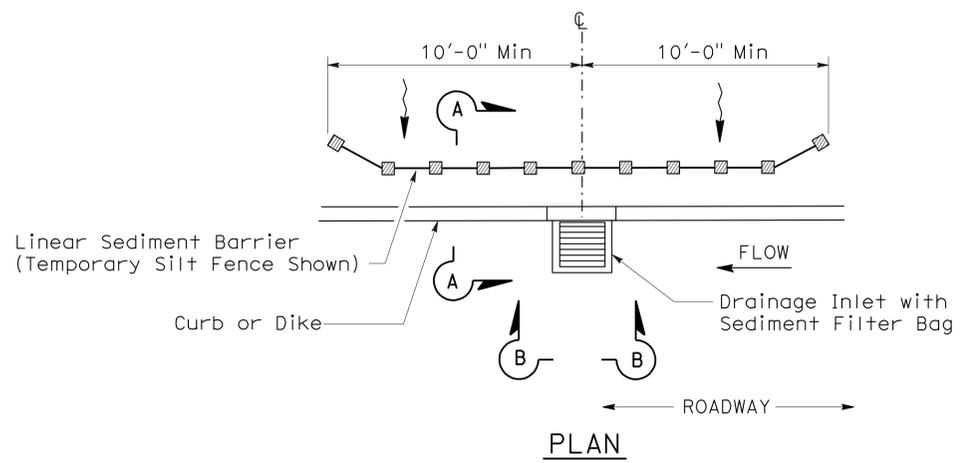
SECTION
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 6A)
(CATCH BASIN WITH GRATE)



SECTION A-A



PERSPECTIVE
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 6B)
(CURB INLET WITHOUT GRATE)



PLAN
TEMPORARY DRAINAGE
INLET PROTECTION (TYPE 5)
(SEDIMENT FILTER BAG)

NOTES:

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION
CONTROL DETAILS
(TEMPORARY DRAINAGE
INLET PROTECTION)

NO SCALE
NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T64

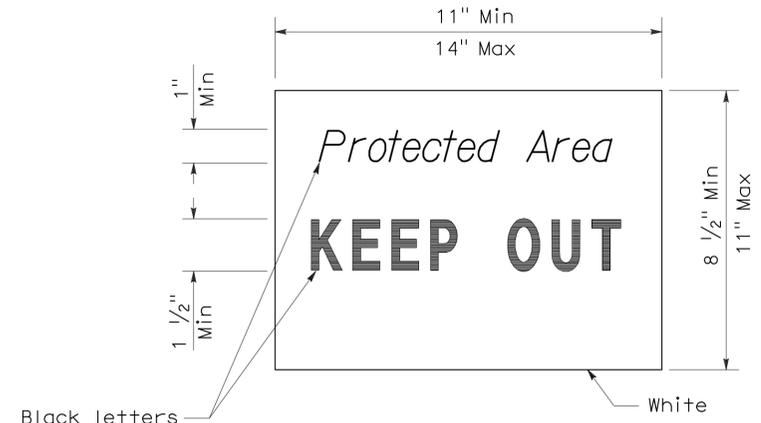
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	43	46

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

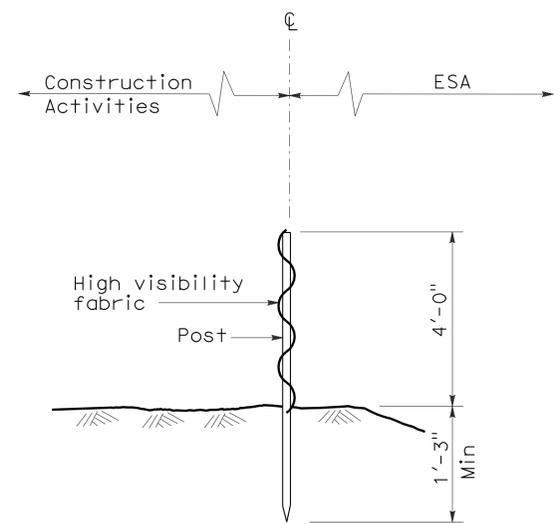


To accompany plans dated 7-5-11

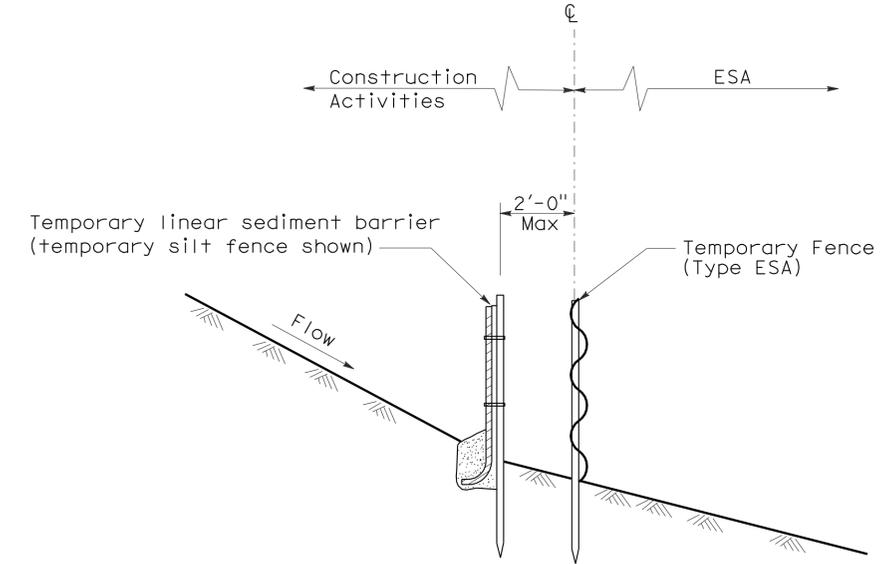
- NOTE:**
1. Temporary silt fence and temporary straw bale barrier shown for reference purposes only.



SIGN DETAIL

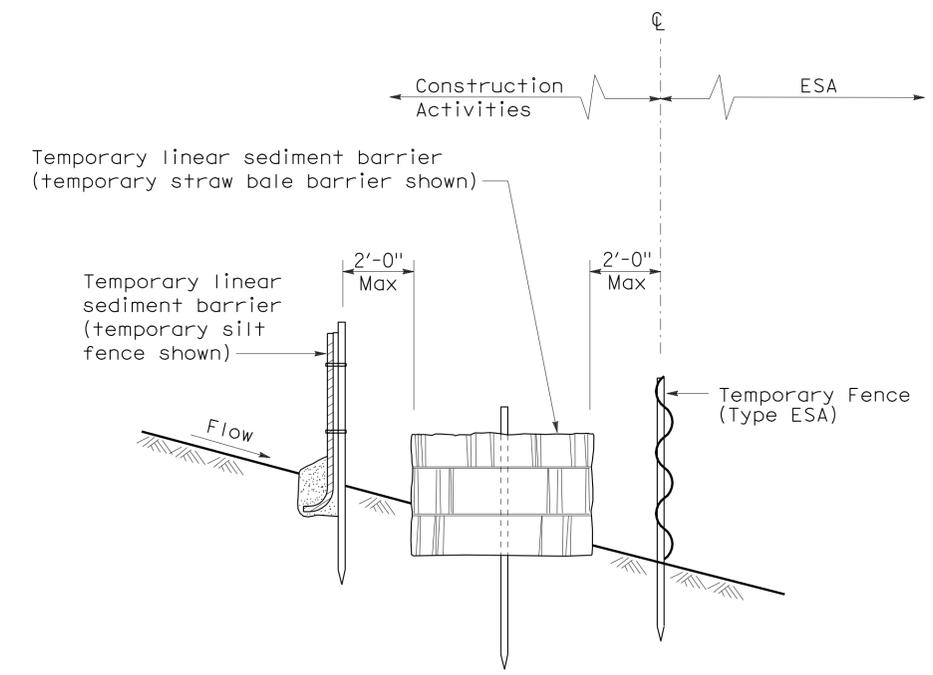


SECTION TEMPORARY FENCE (TYPE ESA)



SECTION PLACEMENT DETAIL FOR TEMPORARY LINEAR SEDIMENT BARRIER USED WITH TEMPORARY FENCE (TYPE ESA)

(See Note 1)



SECTION PLACEMENT DETAIL FOR TEMPORARY SILT FENCE AND TEMPORARY STRAW BALE BARRIER USED WITH TEMPORARY FENCE (TYPE ESA)

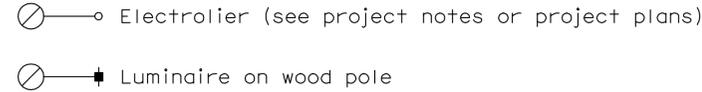
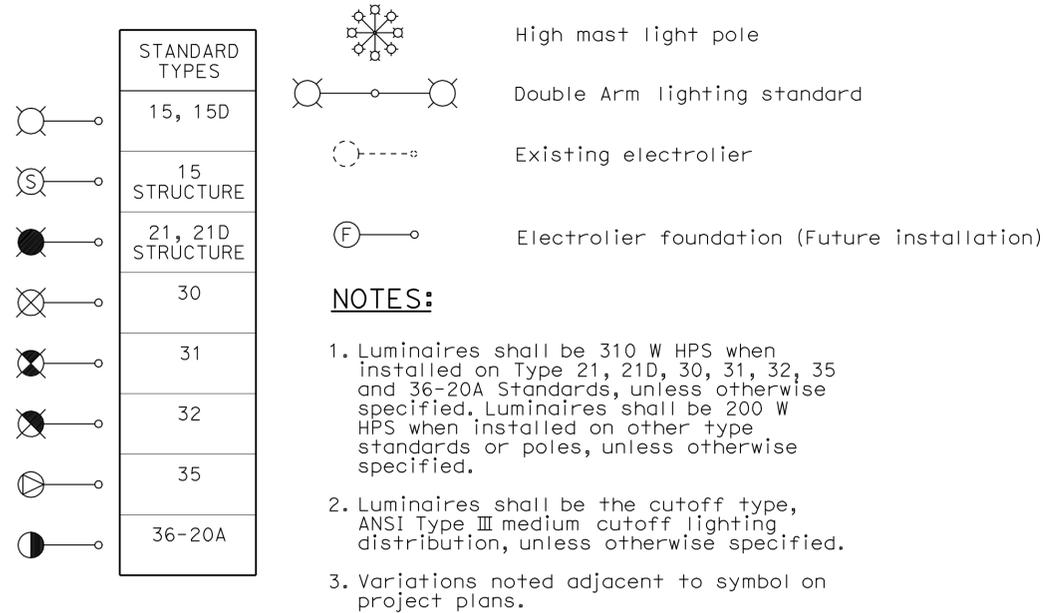
(See Note 1)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
[TEMPORARY FENCE (TYPE ESA)]
 NO SCALE

NSP T65 DATED APRIL 3, 2009 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T65

ELECTROLIERS



STANDARD NOTES:

- AB** Abandon. If applied to conduit, remove conductors.
- BC** Install pull box in existing conduit run.
- BP** Pedestrian barricade, type as indicated on plan.
- CB** Install conduit into existing pull box.
- CC** Connect new and existing conduit. Remove existing conductors and install conductors as indicated.
- CF** Conduit to remain for future use. Remove conductors. Install pull wire or rope.
- DH** Detector handhole.
- FA** Foundation to be abandoned.
- IS** Install sign on signal mast arm.
- NS** No slip base on standard.
- PEC** Photoelectric control.
- PEU** Photoelectric unit.
- RC** Equipment or material to be removed and become the property of the Contractor.
- RE** Remove electrolier, fuses and ballast. Tape ends of conductors.
- RL** Relocate equipment.
- RR** Remove and reuse equipment.
- RS** Remove and salvage equipment.
- SC** Splice new to existing conductors.
- SD** Service disconnect.
- SF** Standard to remain for future use. Remove luminaire, pole conductors, fuses and ballast.
- TSP** Telephone service point.

ABBREVIATIONS AND EQUIPMENT DESIGNATIONS

PROPOSED EXISTING

BBS	bbs	Battery backup system
BC	bc	Bolt circle
C	C	Conduit
CCTV	cctv	Closed circuit television
CKT	ckt	Circuit
CMS	cms	Changeable message sign
DLC	dlc	Loop detector lead-in cable
EMS	ems	Extinguishable message sign
EVC	evc	Emergency vehicle cable
EVD	evd	Emergency vehicle detector
FB	fb	Flashing beacon
FBCA	fbca	Flashing beacon control assembly
FBS	fbs	Flashing beacon with slip base
FO	fo	Fiber optic
G	G	Ground (Equipment Grounding Conductor)
GFCI	GFCI	Ground fault circuit interrupt
HAR	har	Highway advisory radio
HEX	hex	Hexagonal
HPS	hps	High pressure sodium
IISNS	iisns	Internally illuminated street name sign
ISL	isl	Induction sign lighting
LED	led	Light emitting diode
LMA	lma	Luminaire mast arm
LPS	lps	Low pressure sodium
LTG	ltg	Lighting
LUM	lum	Luminaire
MAT	mat	Mast arm mounting vehicle signal faces, top attachment
MAS	mas	Mast arm mounting vehicle signal faces, side attachment
MAS-4A	mas-4A	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4B	mas-4B	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4C	mas-4C	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MAS-5B	mas-5B	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MC	mc	Mercury contactor
M/M	m/m	Multiple to multiple transformer
MT	mt	Conduit with pull wire or rope only
MTG	mtg	Mounting
	mv	Mercury vapor lighting fixture
N	N	Neutral (Grounded Conductor)
NC	NC	Normally closed
NO	NO	Normally open
PB	pb	Pull box
PEC	pec	Photoelectric control (Type I, II, III, IV or V as shown)
PED	ped	Pedestrian
PEU	peu	Photoelectric unit
PPB	ppb	Pedestrian push button
RL	rl	Relocated equipment
RM	rm	Ramp metering
SB	sb	Slip base
SIC	sic	Signal interconnect cable
SIG	sig	Signal
SMA	sma	Signal mast arm
SNS	sns	Street name sign
SP	sp	Service point
TDC	tdc	Telephone demarcation cabinet
TMS	tms	Traffic monitoring station
TOS	tos	Traffic Operations System
VEH	veh	Vehicle
XFMR	xfmr	Transformer
COMM	comm	Communication
RWIS	rwis	Roadway weather information system

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	44	46

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

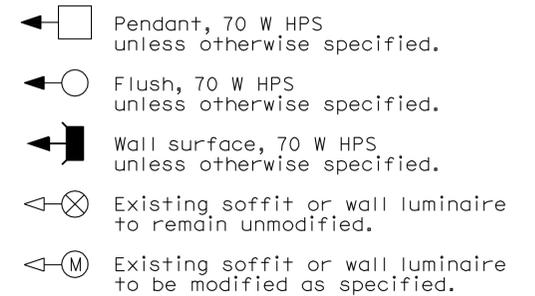
October 5, 2007
PLANS APPROVAL DATE

Jeffery G. McRae
No. E14512
Exp. 6-30-08
ELECTRICAL
STATE OF CALIFORNIA

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

To accompany plans dated 7-5-11

SOFFIT AND WALL MOUNTED LUMINAIRES



NOTE:

Arrow indicates "street side" of luminaire.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1A DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN ES-1A DATED MAY 1, 2006 - PAGE 400 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1A

2006 REVISED STANDARD PLAN RSP ES-1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	26.5/27.1	45	46

Jeffery G. McRae
 REGISTERED ELECTRICAL ENGINEER
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To accompany plans dated 7-5-11

CONDUIT

PROPOSED	EXISTING	
		Lighting Conduit, unless otherwise indicated or noted
		Traffic signal conduit
		Communication conduit
		Telephone conduit
		Fire alarm conduit
		Fiber optic conduit
		Conduit termination
		Conduit riser in/on structure or service pole

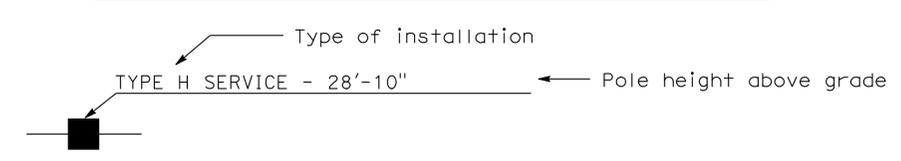
SIGNAL EQUIPMENT

PROPOSED	EXISTING	
		Pedestrian signal face
		Pedestrian push button post
		Pedestrian barricade
		Vehicle signal face (with backplate, 3-Section: red, yellow and green)
		Vehicle signal face with angle visors
		Modifications of basic symbols: "L" indicates all non-arrow sections louvered "LG" indicates louvered green section only "PV" indicates 12" programmed visibility sections "8" indicates all 8" sections (only when specified)
		Type 15TS and Vehicle signal face
		Vehicle signal face with red, yellow and green left arrow sections
		Vehicle signal face with red and yellow sections and up green arrow
		Vehicle signal face (5 Section) with red, yellow and green sections and yellow and green right arrows
		Type 1 Standard and attached vehicle signal faces
		Standard with signal mast arm only and attached vehicle signal faces and internally illuminated street name sign
		Type 33 Standard, Left-turn vehicle signal face and sign
		Standard with luminaire and signal mast arms and attached vehicle signal faces
		Cantilever flashing beacon Type 9 Frame, with a sign unless otherwise specified or indicated
		Type 15-FBS Standard with two vehicle signal face sections with lens, backplate and visor with a sign
		Flashing beacon. One vehicle signal face section with lens, backplate and visor. "R" indicates red indication, "Y" indicates yellow indication
		Controller assembly. Door indicates front of cabinet

SERVICE EQUIPMENT

PROPOSED	EXISTING	
		Overhead lines
		Wood pole "U" indicates utility owned
		Pole guy with anchor
		Utility transformer - ground mounted
		Service equipment enclosure type
		Service equipment enclosure door indicates front of enclosure
		Telephone demarcation cabinet

POLE-MOUNTED SERVICE DESIGNATION



ILLUMINATED OVERHEAD SIGN

PROPOSED	EXISTING	
		Overhead sign - Single post
		Overhead sign - Two post
		Overhead sign - Mounted on structure
		Overhead sign with electrolier

SIGNAL EQUIPMENT Cont

PROPOSED	EXISTING	
		Guard post
		Type 1 Standard with "Meter On" sign
		Emergency Vehicle detector

NOTES:

- All signal sections shall be 12" unless shown otherwise.
- Signal heads shall be provided with backplates unless shown otherwise.
- Signal indication shall be LED.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (SYMBOLS AND ABBREVIATIONS)**
 NO SCALE

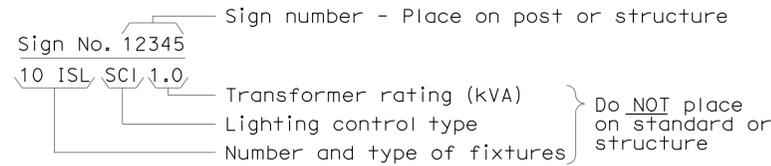
RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B
 DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

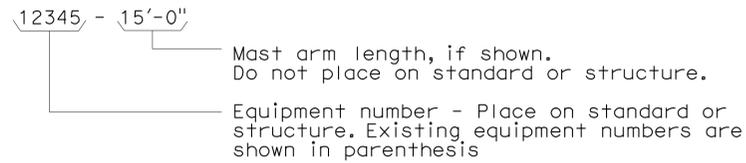
2006 REVISED STANDARD PLAN RSP ES-1B

EQUIPMENT IDENTIFICATION

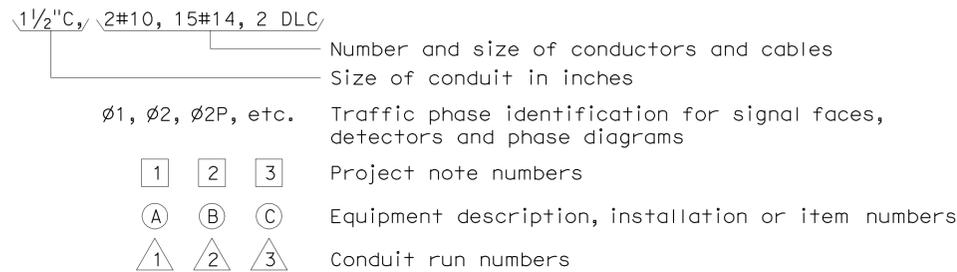
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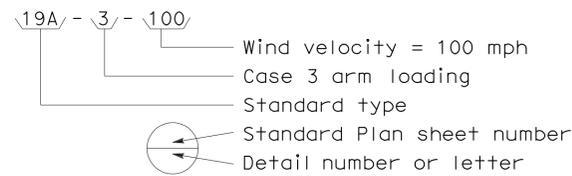
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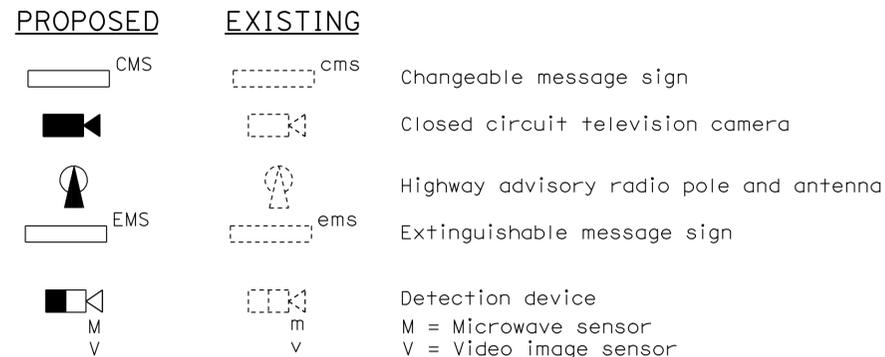
CONDUIT AND CONDUCTOR IDENTIFICATION:



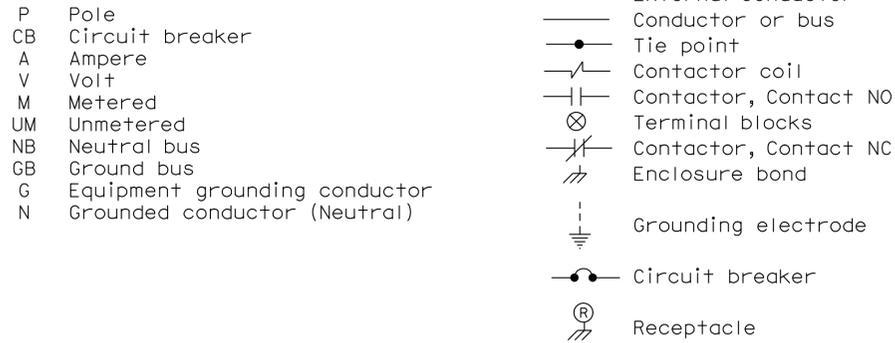
SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



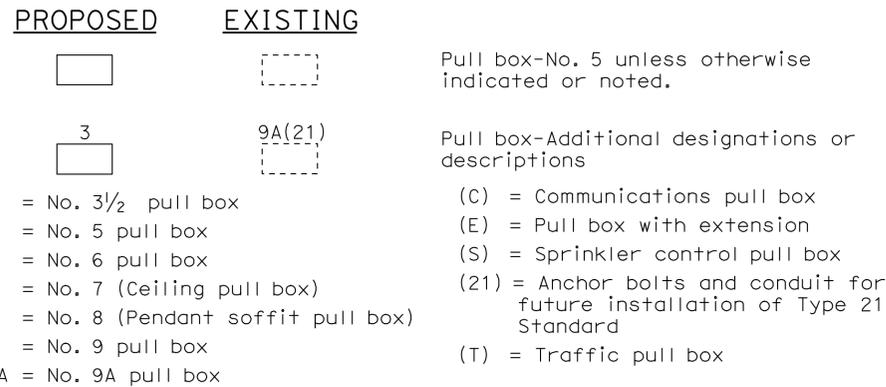
MISCELLANEOUS EQUIPMENT



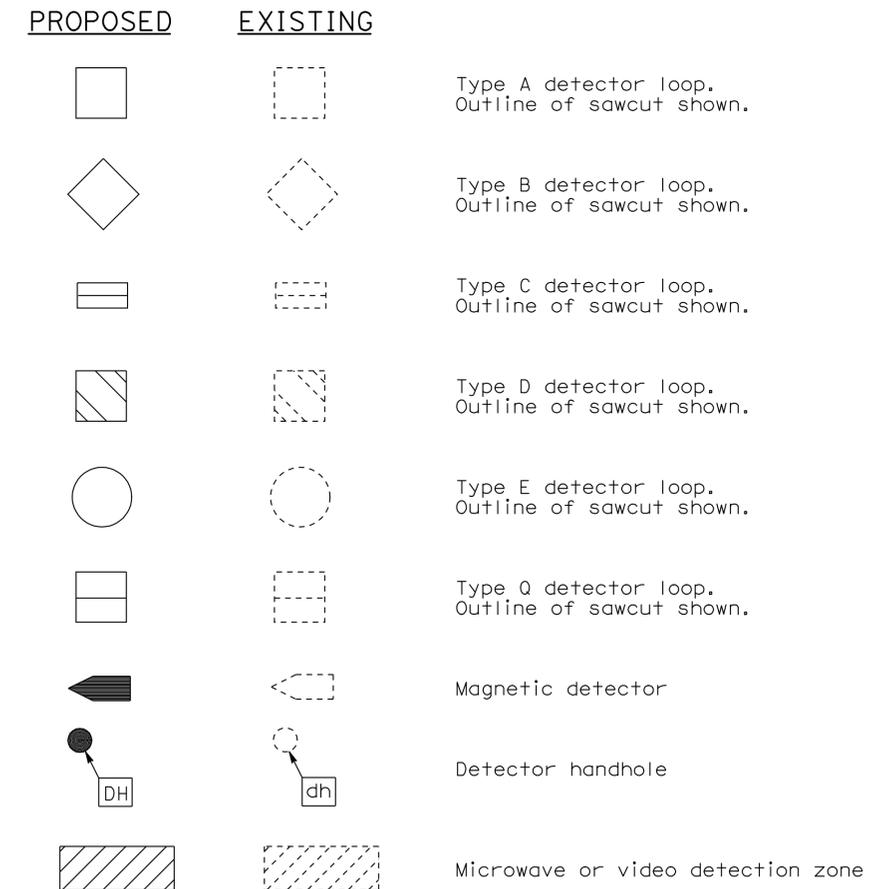
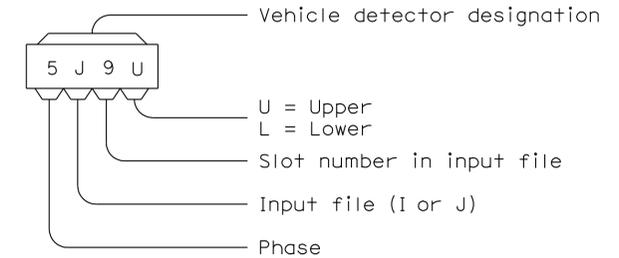
WIRING DIAGRAM LEGEND



PULL BOXES



VEHICLE DETECTORS



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1C DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1C
 DATED MAY 1, 2006 - PAGE 402 OF THE STANDARD PLANS BOOK DATED MAY 2006.

2006 REVISED STANDARD PLAN RSP ES-1C