

To accompany plans dated _____



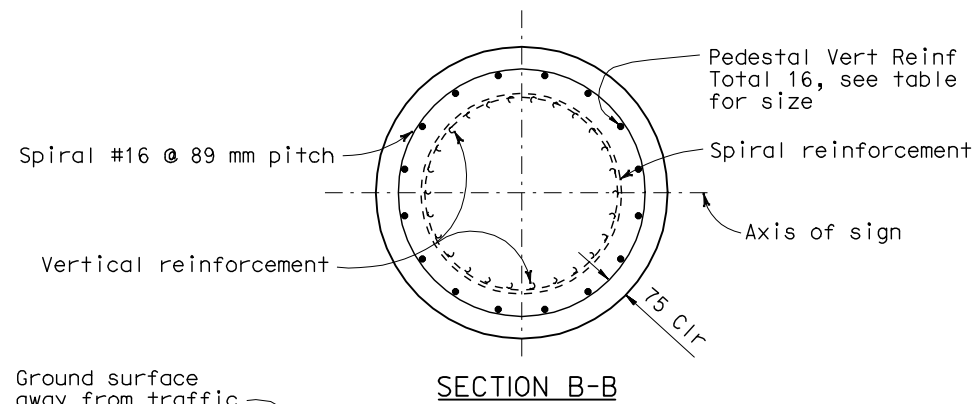
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
 TILLAT SATTAR
 No. C42892
 Exp 03-31-2006
 CIVIL
 STATE OF CALIFORNIA

January 24, 2005
 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.

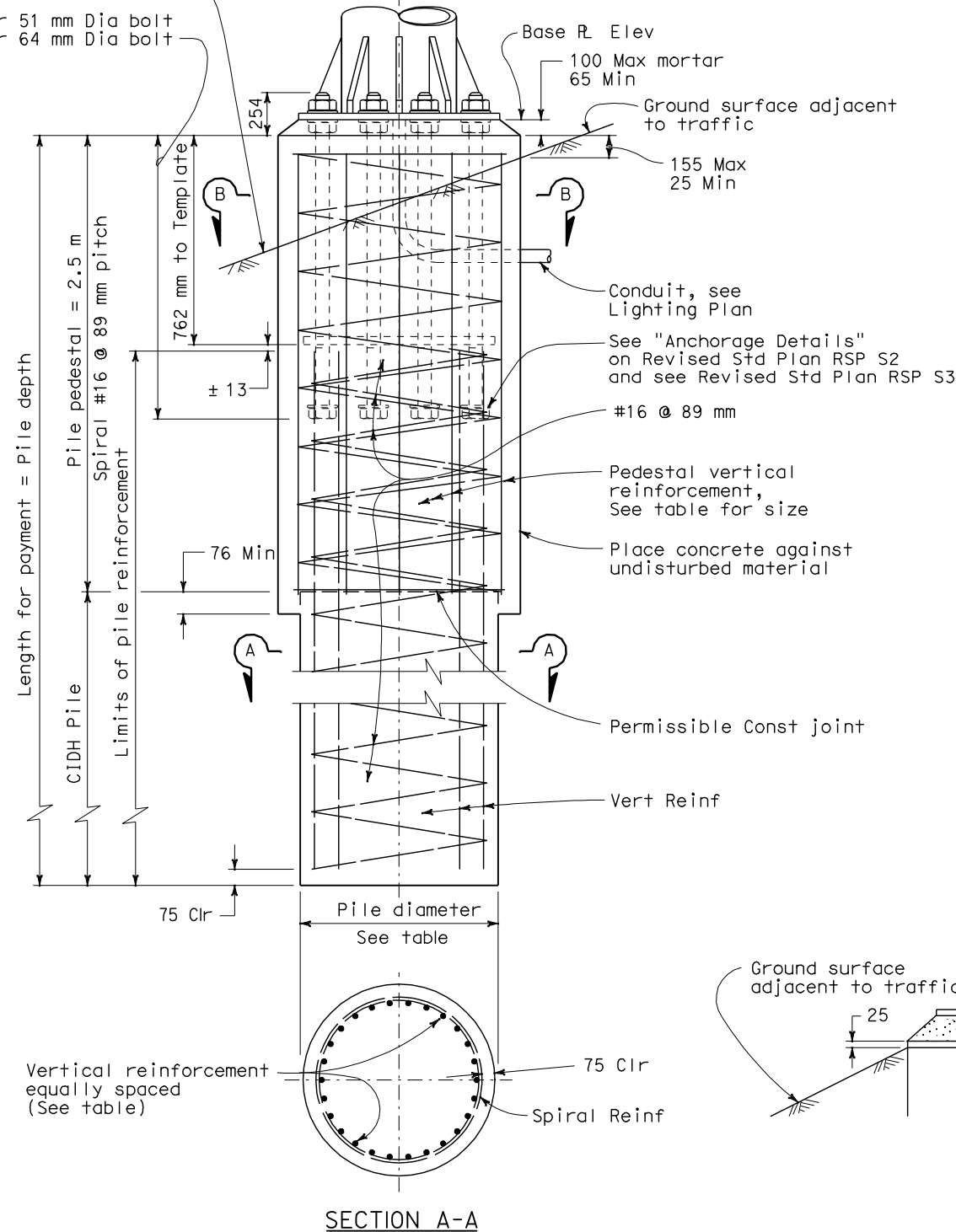
To get to the Caltrans web site, go to: <http://www.dot.ca.gov>



Embed 1016 mm for 51 mm Dia bolt
 Embed 1270 mm for 64 mm Dia bolt

Ground surface away from traffic

SECTION B-B

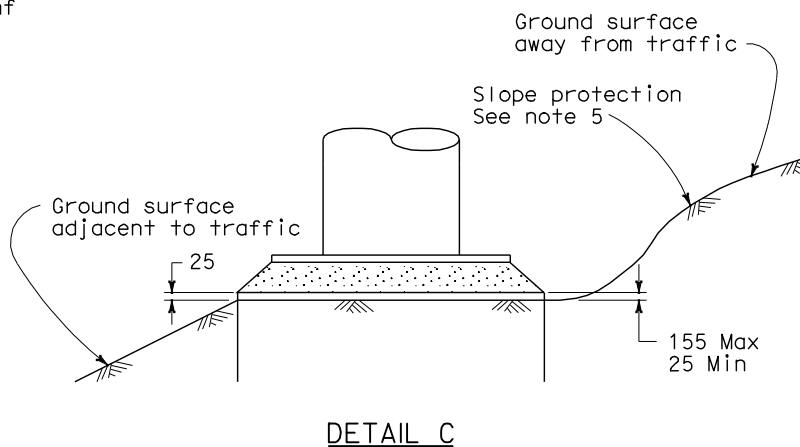


Post Type No.	Anchor Bolts			Round Pedestal					CIDH							
	Bolt Circle (mm)	Bolts Total & Dia (mm)	Total Length (mm)	Dia (mm)	Reinforcing			Spiral		Pile Dia (mm)	** Pile Depth (m)	Vertical Reinforcing			Spiral	
					Total	Bar Size	Loop Circle (mm)	Bar Size	Pitch (mm)			Total	Bar Size	Bar Circle (mm)	Bar Size	Pitch (mm)
II	610	12-51	1270	1600	16	#32	1435	#16	89	1372	4.5	26	#32	1143	#16	89
III	610	12-51	1270	1600	16	#32	1435	#16	89	1372	4.9	26	#32	1143	#16	89
IV	610	12-51	1270	1600	16	#32	1435	#16	89	1372	5.5	26	#32	1143	#16	89
V	864	14-51	1270	1600	16	#32	1435	#16	89	1372	5.8	26	#32	1143	#16	89
VI	864	16-64	1524	1753	16	#36	1581	#16	89	1524	6.7	28	#36	1295	#16	89
VII	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.0	28	#36	1295	#16	89
VIII	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.6	28	#36	1295	#16	89
IX	864	16-64	1524	1753	16	#36	1581	#16	89	1524	7.6	28	#36	1295	#16	89

** Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base R elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material shall be in place.
4. Pedestal shall be formed 150 mm minimum below ground surface. Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 1922 kg/m³.



DETAIL C

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS-TRUSS
 SINGLE POST TYPE
 ROUND PEDESTAL PILE FOUNDATION**

NO SCALE
 ALL DIMENSIONS ARE IN
 MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S8 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S8
 DATED JULY 1, 2004-PAGE 317 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S8