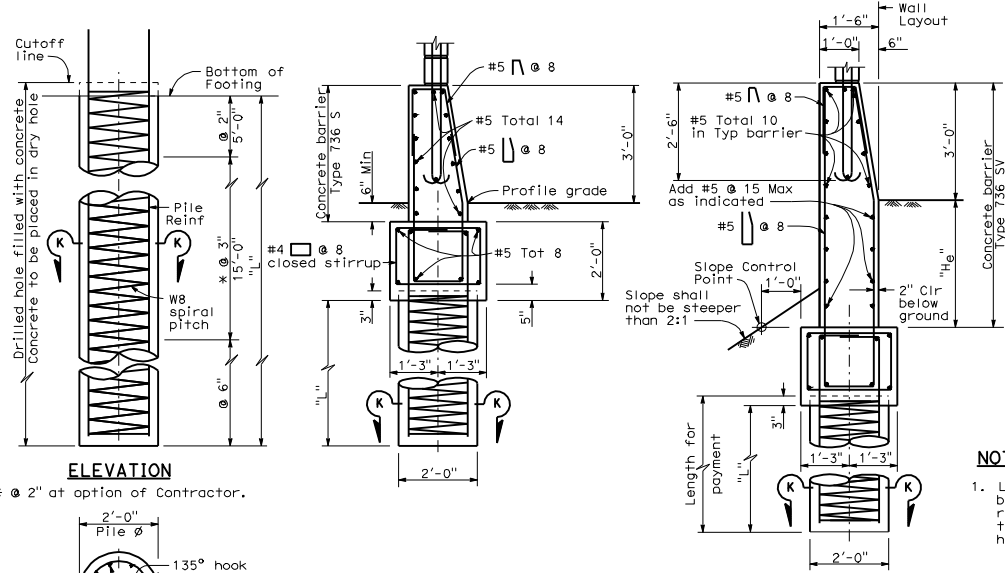


PART ELEVATIONS



BARRIER SECTIONS

CASE 1 : PILE DATA TABLE

Maximum H	φ = 25			φ = 30			φ = 35			Maximum H
	S	L	S	L	S	L	S	L		
6'-4"	16'-0"	8'-6"	16'-0"	7'-6"	16'-0"	6'-0"	16'-0"	6'-4"	6'-4"	
8'-4"	16'-0"	9'-6"	16'-0"	8'-0"	16'-0"	7'-0"	16'-0"	8'-4"	8'-4"	
10'-4"	16'-0"	10'-6"	16'-0"	9'-0"	16'-0"	7'-6"	16'-0"	10'-4"	10'-4"	
12'-4"	16'-0"	11'-6"	16'-0"	10'-0"	16'-0"	8'-6"	16'-0"	12'-4"	12'-4"	
14'-4"	16'-0"	12'-6"	16'-0"	11'-0"	16'-0"	9'-0"	16'-0"	14'-4"	14'-4"	
16'-4"	16'-0"	13'-6"	16'-0"	11'-6"	16'-0"	10'-0"	16'-0"	16'-4"	16'-4"	

CASE 2 : PILE DATA TABLE

H _e	H	φ = 30		φ = 35		H
		Min	L	S	L	
1'-0"	6'-4"	16'-0"	15'-6"	16'-0"	12'-0"	6'-4"
	8'-4"	16'-0"	17'-0"	16'-0"	13'-6"	8'-4"
	10'-4"	16'-0"	18'-0"	16'-0"	14'-6"	10'-4"
	12'-4"	16'-0"	19'-6"	16'-0"	15'-6"	12'-4"
	14'-4"	16'-0"	20'-6"	16'-0"	16'-6"	14'-4"
	16'-4"	16'-0"	21'-6"	16'-0"	17'-6"	16'-4"
2'-0"	6'-4"	16'-0"	18'-0"	16'-0"	14'-0"	6'-4"
	8'-4"	16'-0"	19'-0"	16'-0"	15'-0"	8'-4"
	10'-4"	16'-0"	20'-0"	16'-0"	16'-0"	10'-4"
	12'-4"	16'-0"	21'-6"	16'-0"	17'-0"	12'-4"
	14'-4"	16'-0"	22'-6"	16'-0"	18'-0"	14'-4"
	16'-4"	16'-0"	22'-6"	16'-0"	18'-6"	16'-4"
3'-0"	6'-4"	16'-0"	20'-6"	16'-0"	15'-6"	6'-4"
	8'-4"	16'-0"	21'-6"	16'-0"	16'-6"	8'-4"
	10'-4"	16'-0"	22'-0"	16'-0"	17'-6"	10'-4"
	12'-4"	14'-0"	22'-0"	16'-0"	18'-6"	12'-4"
	14'-4"	13'-0"	22'-6"	15'-6"	19'-0"	14'-4"
	16'-4"	12'-0"	22'-6"	14'-0"	19'-0"	16'-4"
4'-0"	6'-4"	13'-0"	21'-0"	16'-0"	17'-6"	6'-4"
	8'-4"	12'-3"	21'-6"	15'-3"	18'-0"	8'-4"
	10'-4"	11'-6"	21'-6"	14'-3"	18'-6"	10'-4"
	12'-4"	10'-9"	22'-0"	13'-3"	18'-6"	12'-4"
	14'-4"	10'-0"	22'-0"	12'-3"	18'-6"	14'-4"
	16'-4"	9'-6"	22'-6"	11'-3"	19'-0"	16'-4"

NOTE:
1. Lapped splices in Spiral reinforcement shall be lapped at least 80 wire diameters. Spiral reinforcement at splices and at ends shall be terminated with a 135° hook with a 6" tall hooked around a longitudinal bar.

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

REGISTERED CIVIL ENGINEER
 April 3, 2009
 PLANS APPROVAL DATE
 Tiliat Satter
 No. C42892
 Exp. 03-31-10
 CIVIL
 STATE OF CALIFORNIA

DESIGN NOTES:

DESIGN
Uniform Building Code, 1997 Edition and the Bridge Design Specifications.

DESIGN WIND LOAD
27 psf

DESIGN SEISMIC LOAD
0.57 Dead load

REINFORCED CONCRETE
f'c = 3.6 ksi
fy = 60 ksi

CONCRETE MASONRY
REGULAR STRENGTH
 f'm = 1500 psi
 fb = 495 psi
 fs = 24,000 psi
 n = 25.8
HIGH STRENGTH
 f'm = 2000 psi
 fb = 660 psi
 fs = 24,000 psi
 n = 19.3

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
SOUND WALL MASONRY BLOCK ON TYPE 736S/SV BARRIER ON PILE FOOTING FOR SPANNING UTILITIES
 NO SCALE

RSP B15-15 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN B15-15 DATED MAY 1, 2006 - PAGE 305 OF THE STANDARD PLANS BOOK DATED MAY 2006.
REVISED STANDARD PLAN RSP B15-15