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

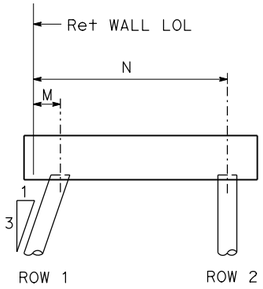
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

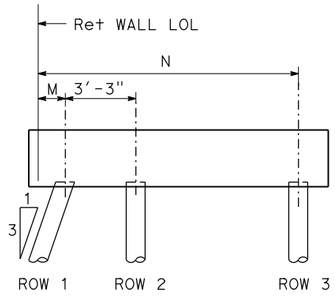
REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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.

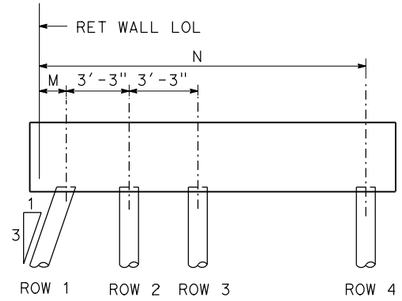
The Registered Civil Engineer for the project is responsible for the selection and proper application of the component design and any modifications shown.



H = 6′ THROUGH 16′



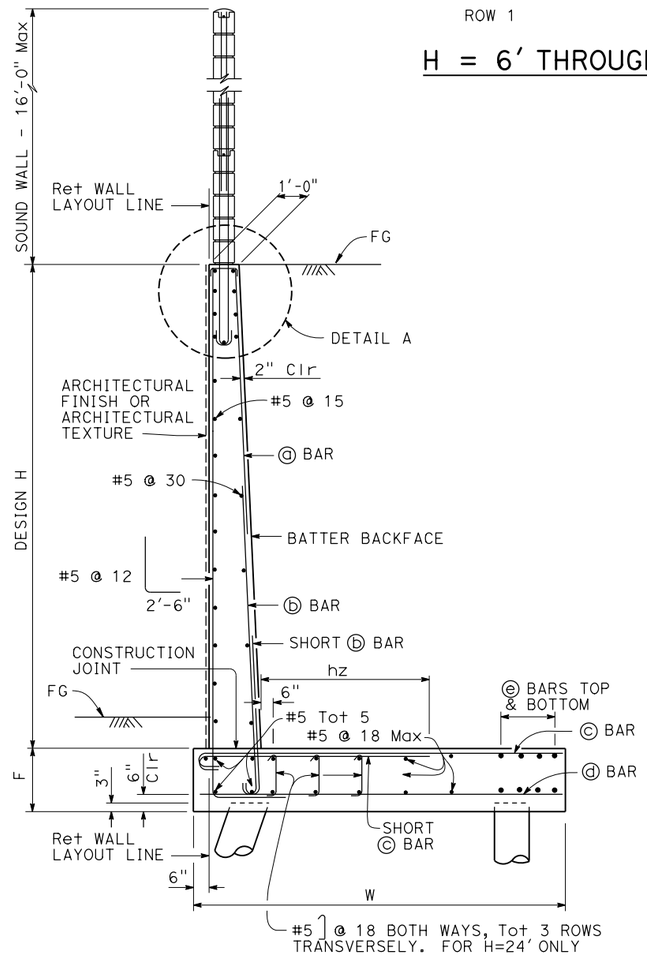
H = 18′ THROUGH 22′



H = 24′

PILE PATTERN

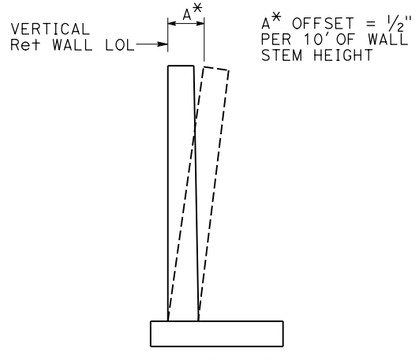
NO SCALE



PILE FOOTING SECTION

NO SCALE

All piles are not shown



WALL OFFSET

NO SCALE

Values for offsetting forms to be determined by the engineer

NOTES:

1. All piles are class 90 concrete piles.
2. Pile batter shown are 1:3.
3. Minimum distance between center pile and edge of footing is 1′-6".
4. Lateral resistance of each pile:
   30 kip for strength limit states.
   40 kip for extreme limit states.
   Pile group reduction factors are not applied, unless soil passive resistance on footing is included.
5. Maximum spacing between piles is shown in the table. Reduce to suit the length of footing.
6. Minimum distance between any two piles is 3′-0". Reduce to suit the length of footing.
7. For sound wall and retaining wall architectural finish or texture, see details elsewhere in Project Plans.
8. For details not shown and drainage notes, see B3-5
9. Footing cover, 1′-6" minimum.
10. For sound wall and reinforcements see "SOUND WALL - MASONRY BLOCK ON RETAINING WALL" sheets.

TABLE OF WALL DIMENSIONS, PILE SPACINGS & REINFORCING STEEL

DESIGN H	6′	8′	10′	12′	14′	16′	18′	20′	22′	24′
W	8′-9"	9′-0"	9′-3"	9′-9"	10′-3"	10′-9"	12′-0"	13′-0"	14′-6"	16′-0"
F PILE FOOTING	1′-6"	1′-6"	1′-6"	1′-6"	1′-9"	2′-0"	2′-0"	2′-6"	2′-9"	2′-9"
M	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"	1′-0"
N	6′-9"	7′-0"	7′-3"	7′-9"	8′-3"	8′-9"	10′-0"	11′-0"	12′-6"	14′-0"
ROW 1 SPACING	8′-6"	7′-3"	6′-3"	5′-3"	4′-6"	3′-9"	3′-9"	3′-9"	3′-9"	3′-9"
ROW 2 SPACING	13′-6"	12′-0"	11′-6"	10′-3"	9′-3"	6′-6"	7′-0"	6′-0"	4′-0"	3′-9"
ROW 3 SPACING							7′-6"	6′-0"	5′-6"	5′-6"
ROW 4 SPACING										4′-6"
BATTER	0	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	5/8:12	5/8:12	5/8:12	3/4:12
ⓐ BARS						#7@15	#7@12	#7@12	#8@12	#6@6
ⓑ BARS	#8@12	#8@12	#7@6	#7@6	#7@6	#9@7.5	#9@6	#10@6	#10@6	#8@6 ℧
ha			5′-0"	6′-0"	7′-0"	7′-0"	6′-0"	7′-0"	7′-0"	7′-6"
hb						11′-6"	12′-0"	13′-3"	16′-0"	15′-6"
ⓒ BARS	#6@6	#6@6	#7@6	#8@6	#9@6	#10@7.5	#8@6 ℧	#9@6 ℧	#9@6 ℧	#10@6 ℧
hz	3′-6"	3′-6"	3′-6"	4′-0"	4′-3"	7′-0"	4′-9"	5′-6"	6′-3"	7′-6"
ⓓ BARS	#6@12	#5@12	#5@12	#5@12	#5@12	#5@15	#5@12	#5@12	#6@12	#5@12
ⓔ BARS	8-#8@11	8-#7@11	8-#7@11	8-#7@13	8-#7@16	10-#5@15	8-#5@12	#5@18	#5@18	#5@18

NOTES:

1. ℧ indicates 2 bar bundle
2. Total ⓔ bars are top and bottom combined

BRIDGE STANDARD DETAILS

xs14-360-1	October 2014	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.

POST MILE

RETAINING WALL TYPE 5SWP-DETAILS No. 1

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

FILE => xs14-360-1.dgn

USERNAME => s136236 TIME PLOTTED => 10:46 DATE PLOTTED => 18-JUL-2016

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:

PROJECT NUMBER & PHASE: CONTRACT NO.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
6-19-14	8-6-14	9-19-14	7-14-16		