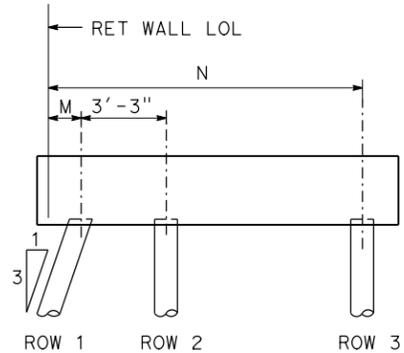
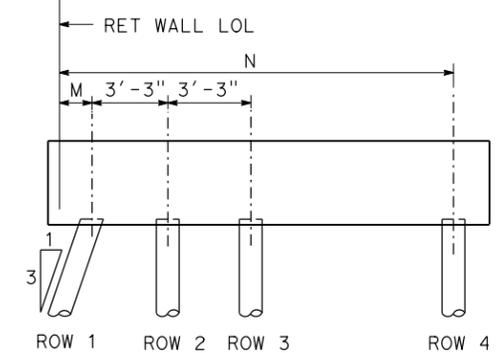


H = 6' THROUGH 16'



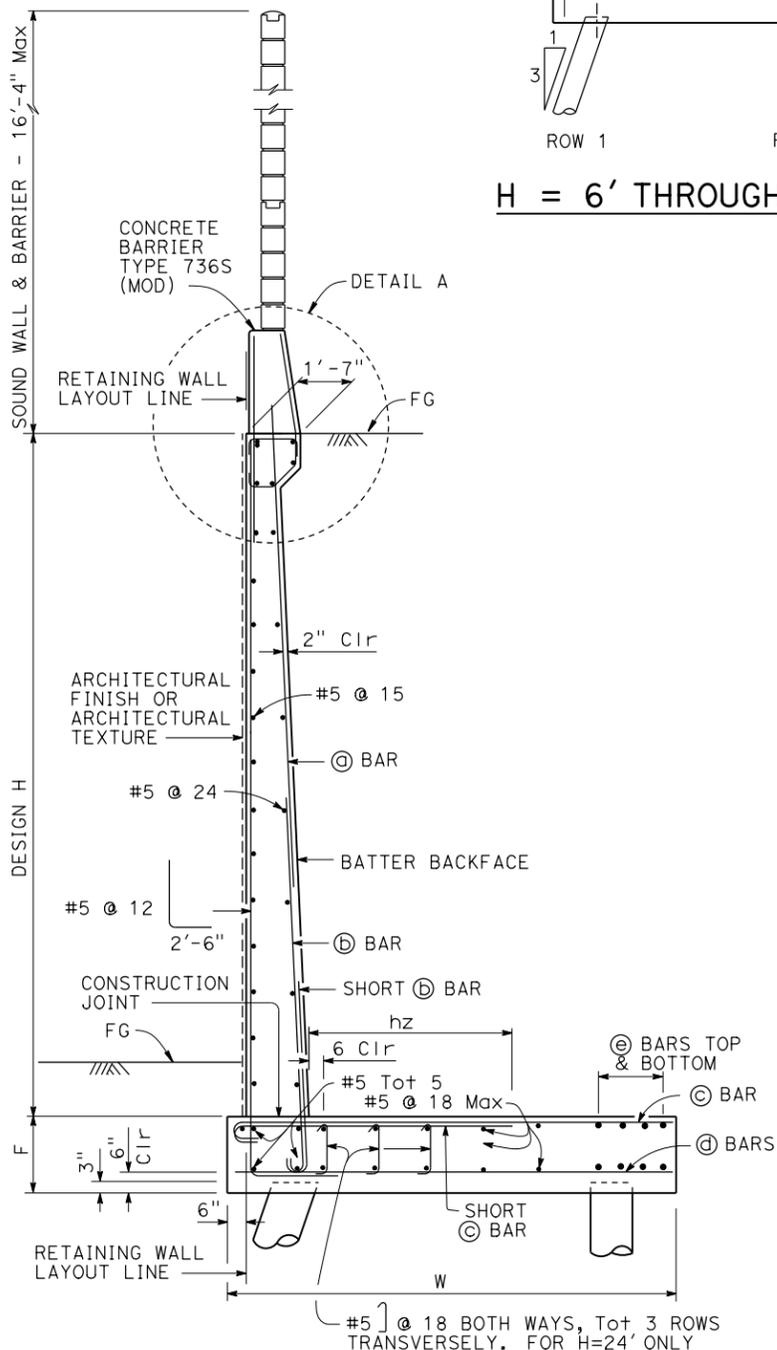
H = 18' THROUGH 22'



H = 24'

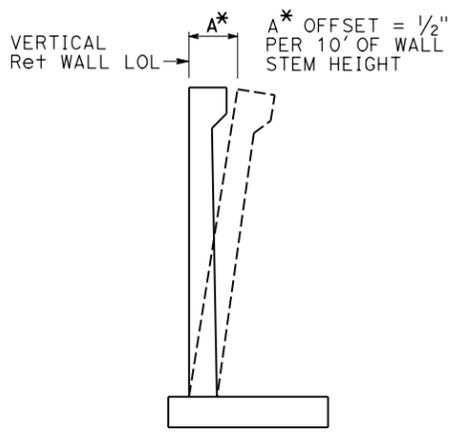
PILE PATTERN
NO SCALE

- NOTES:
- All piles are class 90 concrete piles.
 - Pile batter shown are 1:3.
 - Minimum distance between center pile and edge of footing is 1'-6".
 - 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 is included.
 - Maximum spacing between piles is shown in the table. Reduce to suit the length of footing.
 - Minimum distance between any two piles is 3'-0". Reduce to suit the length of footing.
 - For sound wall and retaining wall architectural finish or texture, see details elsewhere in Project Plans.
 - For details not shown and drainage notes, see **B3-5**.
 - Footing cover, 1'-6" minimum.
 - For sound wall and Barrier reinforcements see "SOUND WALL - MASONRY BLOCK WITH BARRIER ON RETAINING WALL" sheets.
 - For H=6' through 14', extend Ⓞ bars into Barrier for stem with haunch.
 - For H≥16', extend Ⓞ bars into Barrier for stem with haunch.
 - For H<8', provide additional #6 @ 12 Ⓞ bars over a distance of 8'-0" measured from all expansion joints, begin wall and end wall locations.



PILE FOOTING SECTION

NO SCALE
All piles are not shown



WALL OFFSET

No scale
Values for offsetting forms to be determined by the engineer

TABLE OF WALL DIMENSIONS, PILE SPACINGS AND 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"
STEM WITH HAUNCH, BATTER	0	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	1/2:12	5/8:12
STEM WITHOUT HAUNCH, BATTER	0	0	0	0	0	0	0	0	1/4:12	1/4:12
Ⓞ BARS						#7@14	#7@12	#7@12	#8@12	#6@6
Ⓟ BARS	#8@12	#8@12	#7@6	#7@6	#7@6	#9@7	#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	#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@14	#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:
- ⊘ indicates 2 bar bundle.
 - Total ⊘ bars are top and bottom combined.