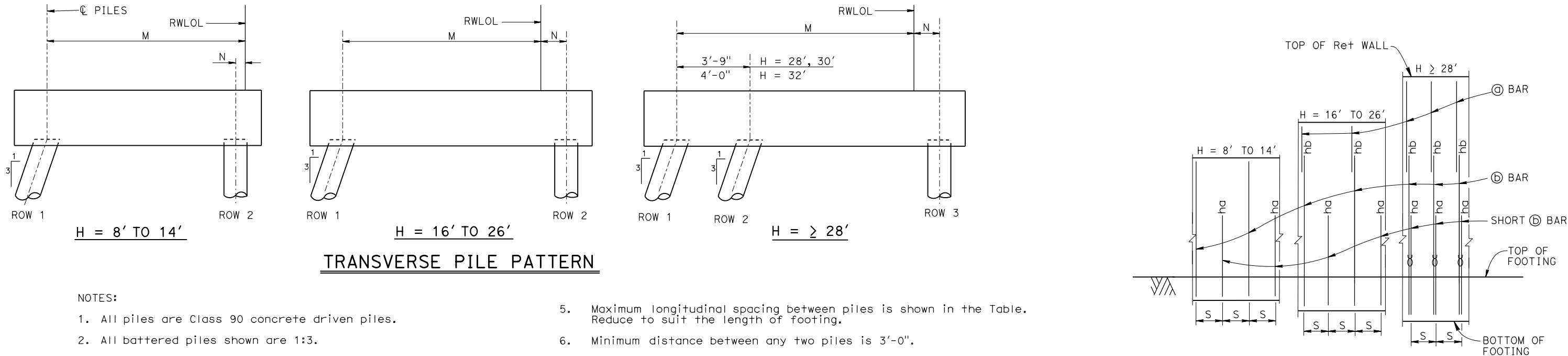


LEGEND:

- $\emptyset$: Bundled Reinforcement
- H_0 : Factored Horizontal Driving Force
- SVC : Service Limit State
- Str : Strength Limit State
- ext : Extreme Event Limit State

Design Height, H	STEM WITH HAUNCH				STEM WITHOUT HAUNCH								
	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
Footing Width, W	6'-6"	7'-3"	7'-9"	8'-0"	9'-0"	9'-3"	10'-3"	11'-3"	12'-3"	13'-0"	14'-3"	15'-3"	17'-0"
Footing Toe, C	5'-3"	6'-0"	6'-3"	6'-6"	7'-3"	7'-3"	8'-0"	8'-6"	9'-6"	10'-0"	10'-10"	11'-6"	13'-2"
Footing Heel, B	1'-3"	1'-3"	1'-6"	1'-6"	1'-9"	2'-0"	2'-3"	2'-9"	2'-9"	3'-0"	3'-5"	3'-9"	3'-10"
Footing Thickness, F	2'-6"	2'-6"	2'-9"	2'-9"	2'-9"	2'-9"	3'-0"	3'-0"	3'-3"	3'-6"	3'-9"	4'-0"	4'-3"
Stem Thickness at Top	-	-	-	-	1'-7"	1'-11"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-3"	2'-3"
Stem Thickness at Haunch	1'-0"	1'-0"	1'-3"	1'-3"	-	-	-	-	-	-	-	-	-
Batter	0	0	0	0	0	0	0	1/4:12	1/4:12	1/4:12	1/2:12	1/2:12	1/2:12
M	3'-9"	4'-6"	4'-9"	5'-0"	5'-9"	5'-9"	6'-6"	7'-0"	8'-0"	8'-6"	9'-4"	10'-0"	11'-8"
N	0'-3"	0'-3"	0'-0"	0'-0"	0'-3"	0'-6"	0'-9"	1'-3"	1'-3"	1'-6"	1'-11"	2'-3"	2'-4"
Row 1 Spacing	12'-0"	12'-0"	10'-0"	9'-6"	8'-0"	7'-0"	6'-0"	4'-0"	4'-0"	4'-0"	4'-0"	3'-9"	4'-0"
Row 2 Spacing	20'-0"	20'-0"	16'-0"	14'-0"	14'-0"	12'-0"	10'-0"	10'-0"	8'-0"	4'-0"	7'-6"	6'-6"	4'-0"
Row 3 Spacing	-	-	-	-	-	-	-	-	-	-	6'-0"	5'-0"	4'-0"
Ⓐ BARS	-	-	-	-	#5 @ 14	#6 @ 14	#6 @ 13	#6 @ 13	#6 @ 11	#7 @ 12	#7 @ 11	#7 @ 10	#8 @ 11
Ⓑ BARS	#5 @ 6	#5 @ 5.5	#5 @ 4.5	#6 @ 5	#8 @ 7	#9 @ 7	#9 @ 6.5	#9 @ 6.5	#9 @ 5.5	#10 @ 6	#10 @ 11	#10 @ 10	#11 @ 11
ha	7'-10"	9'-10"	6'-0"	6'-0"	6'-3"	7'-3"	7'-6"	9'-0"	9'-9"	10'-6"	11'-3"	12'-0"	14'-0"
hb	-	-	-	-	12'-0"	11'-9"	13'-0"	14'-6"	15'-6"	18'-6"	20'-6"	21'-6"	23'-0"
hx	5'-0"	5'-9"	6'-0"	6'-3"	7'-0"	7'-0"	7'-9"	8'-3"	6'-3"	9'-6"	10'-7"	10'-6"	12'-11"
Ⓒ BARS	#5 @ 12	#5 @ 11	#5 @ 9	#5 @ 10	#5 @ 14	#5 @ 14	#5 @ 13	#5 @ 13	#5 @ 11	#5 @ 12	#5 @ 11	#5 @ 10	#5 @ 11
Ⓓ Bar Length	3'-6"	4'-6"	4'-6"	6'-0"	7'-0"	7'-0"	7'-9"	10'-9"	8'-9"	12'-6"	13'-9"	14'-9"	16'-6"
Ⓔ BARS	-	-	-	-	-	-	-	-	-	-	#4 @ 11	#4 @ 10	#4 @ 11
Ⓕ BARS	#4 @ 12	#4 @ 12	#5 @ 15	#5 @ 15	#5 @ 12	#5 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#6 @ 12	#7 @ 12	#7 @ 12
Ⓖ BARS	#4 @ 18	#4 @ 18	#4 @ 18	#4 @ 18	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 12	#5 @ 12	#5 @ 12	#5 @ 12	#5 @ 12
H ₀ (k/ft), SVC	2.6	3.3	4.2	5.1	6.2	7.4	9.0	10.4	12.5	14.5	17.0	19.3	21.8
H ₀ (k/ft), Str	4.1	5.2	6.6	8.0	9.4	11.1	13.4	16.0	18.8	21.8	25.6	29.1	32.8
H ₀ (k/ft), ext	5.0	6.5	8.6	10.5	13.0	15.7	19.0	22.5	26.3	30.5	35.7	41.0	46.5



ELEVATION

NO SCALE

BRIDGE STANDARD DETAILS		DESIGN	BY X	CHECKED X	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION				BRIDGE NO.		X													
xs14-410-2 FILE NO.	August 2026 APPROVAL DATE	DETAILS	BY X	CHECKED X					XX-XXXX		DIVISION OF ENGINEERING SERVICES				RETAINING WALL (TYPE 7SWBP) DETAILS No. 2									
		QUANTITIES	BY X	CHECKED X					POST MILE X.X															
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html					FILE => xs14-410-2.dgn USERNAME => sl36247 TIME PLOTTED => 14:12 DATE PLOTTED => 31-AUG-2026				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3											
					UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXX1				COUNTY/ROUTE/ZONE: XXX/XXX/X CONTRACT No.: XX-XXXXX4				DISREGARD PRINTS BEARING EARLIER REVISION DATES				REVISION DATES				SHEET X		OF X	