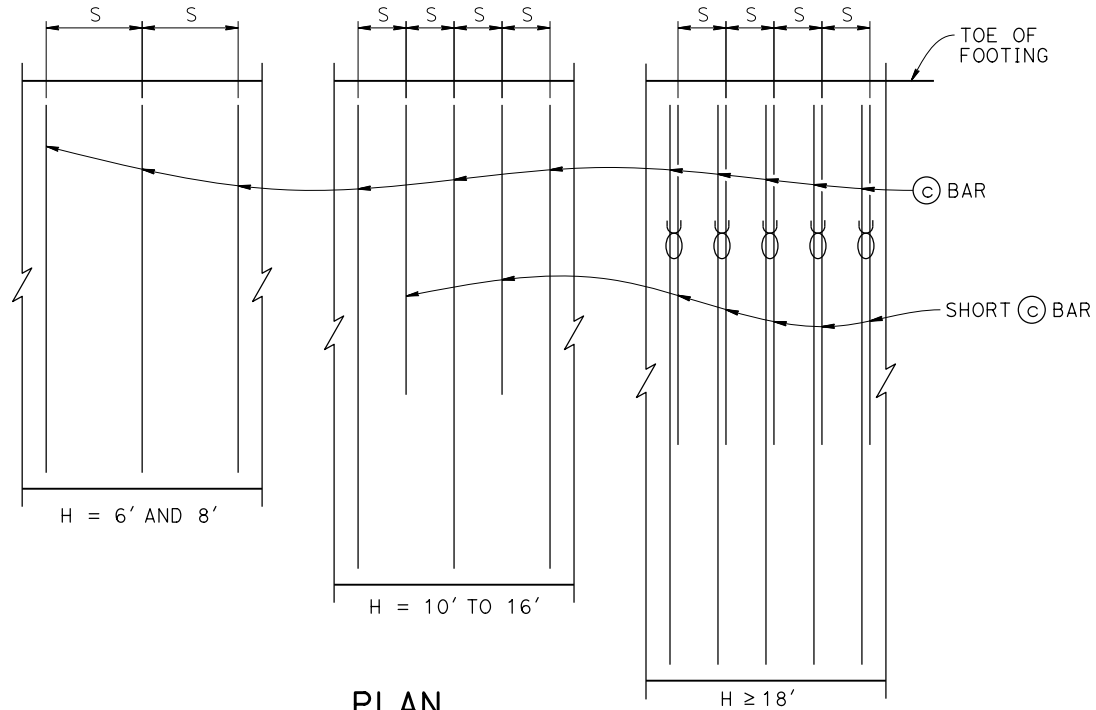
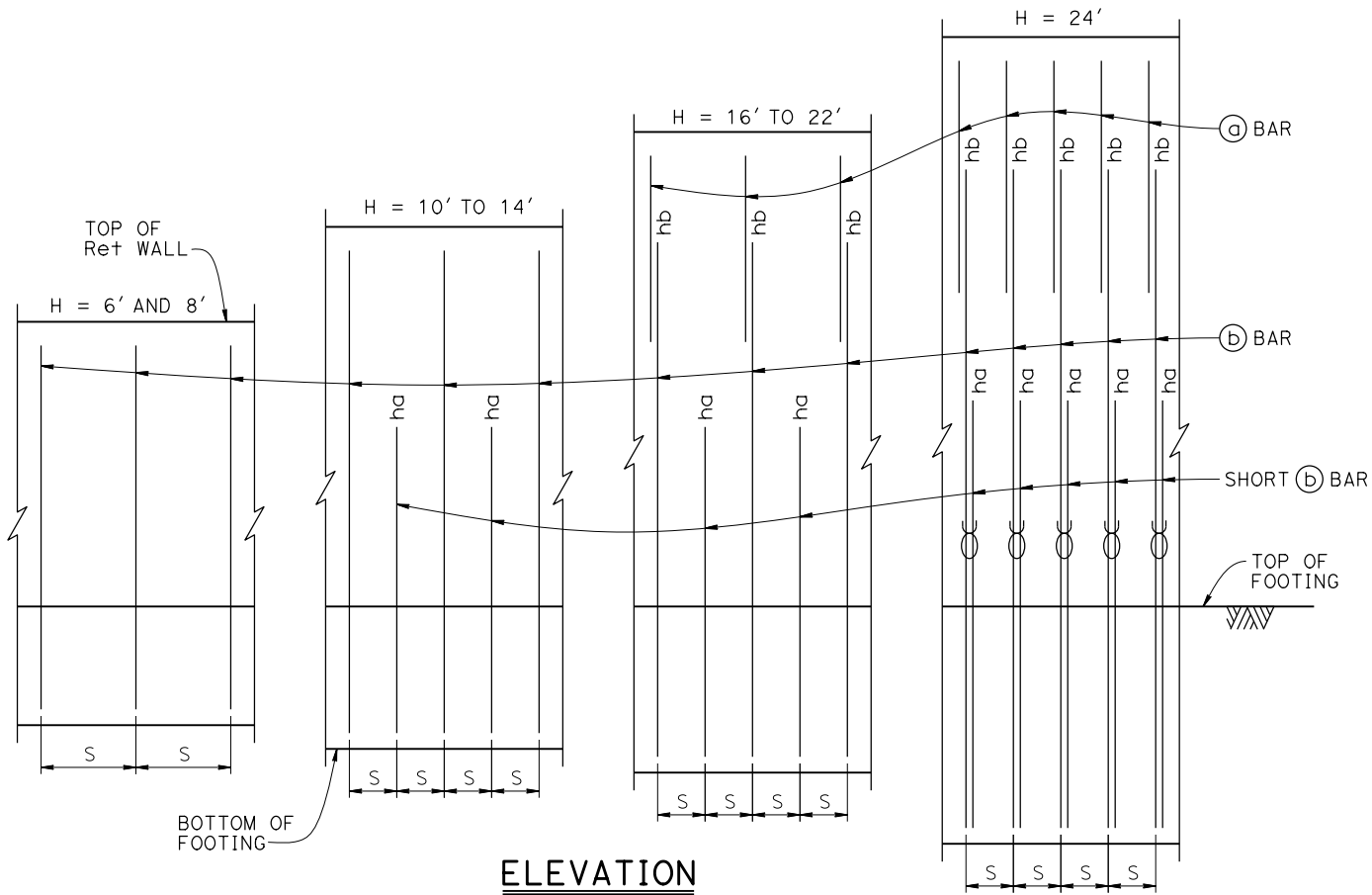


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER			X DATE		
PLANS APPROVAL DATE			X No. X Exp. X CIVIL STATE OF CALIFORNIA		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS 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.					

TABLE OF REINFORCING STEEL DIMENSIONS AND DATA										
Design Height, H	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'
Footing Width, W	9'-0"	9'-0"	9'-6"	10'-3"	11'-3"	12'-9"	14'-0"	15'-9"	17'-3"	18'-9"
Footing Thickness, F	1'-3"	1'-3"	1'-3"	1'-3"	1'-6"	1'-9"	1'-9"	2'-3"	2'-6"	2'-6"
Batter Backface	-	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 1/2	#9 @ 6	#10 @ 6	#10 @ 6	#8 @ 6
"ha"	-	-	5'-0"	6'-0"	7'-0"	7'-0"	6'-0"	7'-0"	6'-9"	7'-6"
"hb"	-	-	-	-	-	11'-6"	12'-0"	13'-3"	16'-0"	15'-6"
Ⓒ BARS	#7 @ 12	#8 @ 12	#7 @ 6	#9 @ 6	#9 @ 6	#11 @ 7 1/2	#8 @ 6	#9 @ 6	#9 @ 6	#10 @ 6
"hz"	-	-	3'-6"	4'-0"	4'-9"	7'-0"	5'-9"	6'-9"	7'-6"	9'-0"
SER I: B'(ft), q ₀ (ksf)	7.5, 1.5	7.1, 1.9	7.2, 2.2	7.6, 2.5	8.3, 2.8	9.6, 3.0	10.6, 3.3	12.1, 3.6	13.3, 3.9	14.6, 4.1
STR, Ia: B'(ft), q ₀ (ksf)	7.9, 2.9	7.4, 3.3	7.4, 3.7	7.8, 4.1	8.3, 4.5	9.5, 4.8	10.5, 5.0	11.9, 5.6	13.1, 6.0	14.3, 6.4
STR, Ib: B'(ft), q ₀ (ksf)	6.0, 2.0	5.5, 2.5	5.6, 2.9	5.9, 3.3	6.4, 3.7	7.6, 3.9	8.7, 4.1	9.9, 4.5	11.0, 4.9	12.1, 5.2
STR, IIIa: B'(ft), q ₀ (ksf)	6.0, 2.7	6.0, 3.0	6.4, 3.4	7.0, 3.7	7.8, 4.1	9.1, 4.4	10.2, 4.6	11.7, 5.1	12.9, 5.4	14.2, 5.7
STR, IIIb: B'(ft), q ₀ (ksf)	5.3, 2.5	5.2, 2.8	5.5, 3.1	6.0, 3.3	6.7, 3.7	8.0, 3.9	8.9, 4.0	10.4, 4.4	11.5, 4.7	12.7, 5.0
STR, Va: B'(ft), q ₀ (ksf)	7.5, 2.8	7.1, 3.2	7.2, 3.5	7.6, 3.9	8.2, 4.3	9.4, 4.6	10.4, 4.9	11.8, 5.3	13.0, 5.8	14.3, 6.1
STR, Vb: B'(ft), q ₀ (ksf)	5.7, 2.2	5.3, 2.6	5.4, 3.0	5.8, 3.4	6.4, 3.8	7.7, 3.9	8.7, 4.0	10.0, 4.5	11.1, 4.9	12.2, 5.1
Ext I: B'(ft), q ₀ (ksf)	4.0, 3.4	3.0, 4.7	2.5, 6.5	2.1, 9.2	1.8, 13.3	2.1, 14.4	2.3, 16.9	2.6, 17.2	2.9, 18.4	3.3, 19.3



PLAN
NOTE: Only Ⓒ bars shown.

- LEGEND:
- Ⓐ: Bundled Reinforcement
 - SER: Service limit state
 - STR: Strength limit state
 - EXT: Extreme event limit state
 - B': Effective footing width (ft)
 - q₀: Net bearing stress (ksf)
 - q₀: Gross uniform bearing stress (ksf)

NO SCALE

BRIDGE STANDARD DETAILS		DESIGN	BY X	CHECKED X	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No.	X									
x814-340-2 FILE NO.	August 2026 APPROVAL DATE	DETAILS	BY X	CHECKED X			XX-XXXX										
		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		DATE PLOTTED => 31-AUG-2026 FILE => x814-340-2.dgn		TIME PLOTTED => 14:10 USERNAME => s136247		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