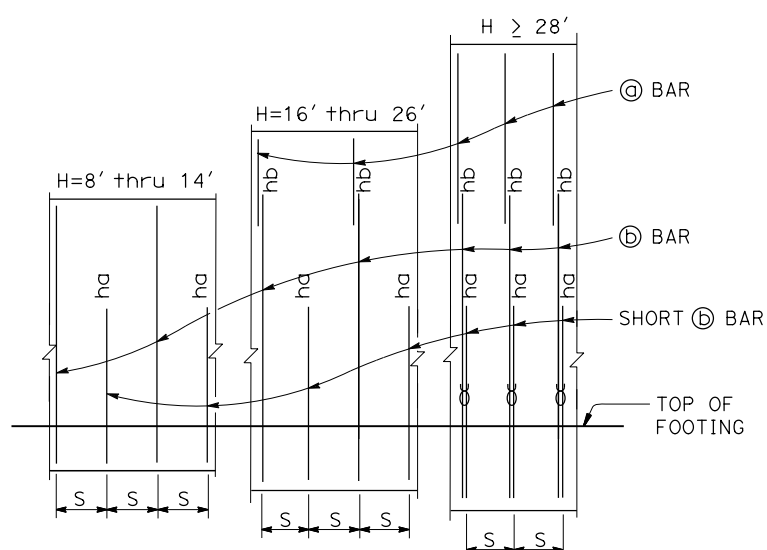


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER	DATE
X	
PLANS APPROVAL DATE	
No. X	
Exp. X	
CIVIL	
STATE OF CALIFORNIA	

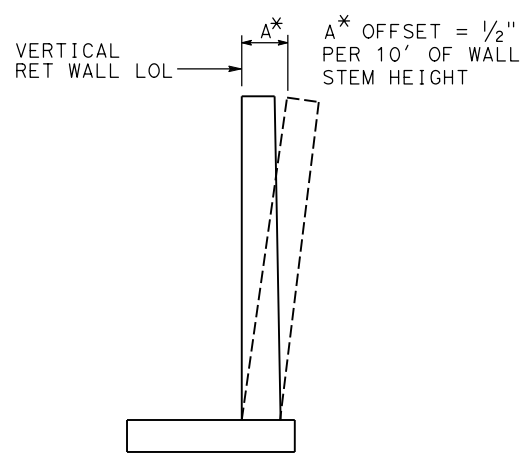
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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



ELEVATION
No Scale

NOTES:
 "ha", "hb" above ⊙ bars indicate distance from top of footing to upper end of ⊙ bars, see table.
 "S" is ⊙ bar spacing, see table.



WALL OFFSET
No Scale

Values for offsetting forms to be determined by the Engineer

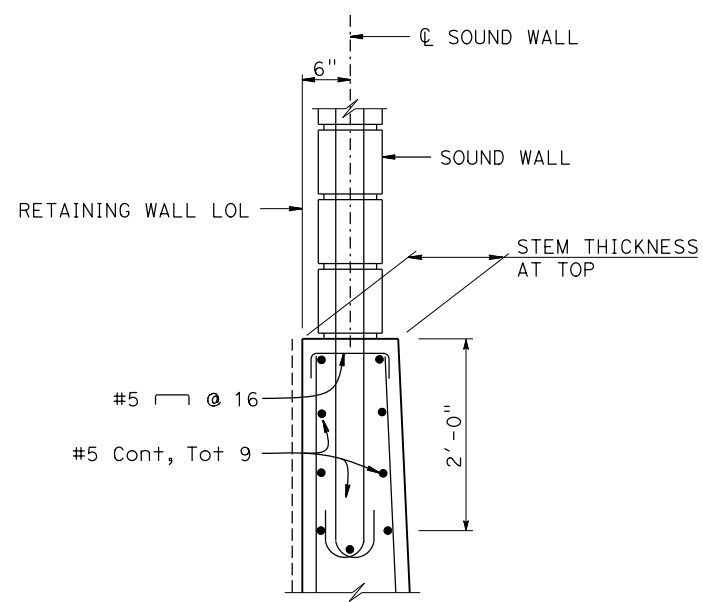
DESIGN DATA

Design: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments
 WS: 33 psf on Sound wall
 LS: Varied surcharge on level ground surface
 EQE: Mononobe-Okabe Method
 $K_h = 0.3$
 $K_v = 0.0$
 Soil: $\phi = 34^\circ$
 $\gamma = 120$ pcf
 Reinforced Concrete: $f'_c = 3600$ psi
 $f_y = 60,000$ psi

Load Combinations and Limit States

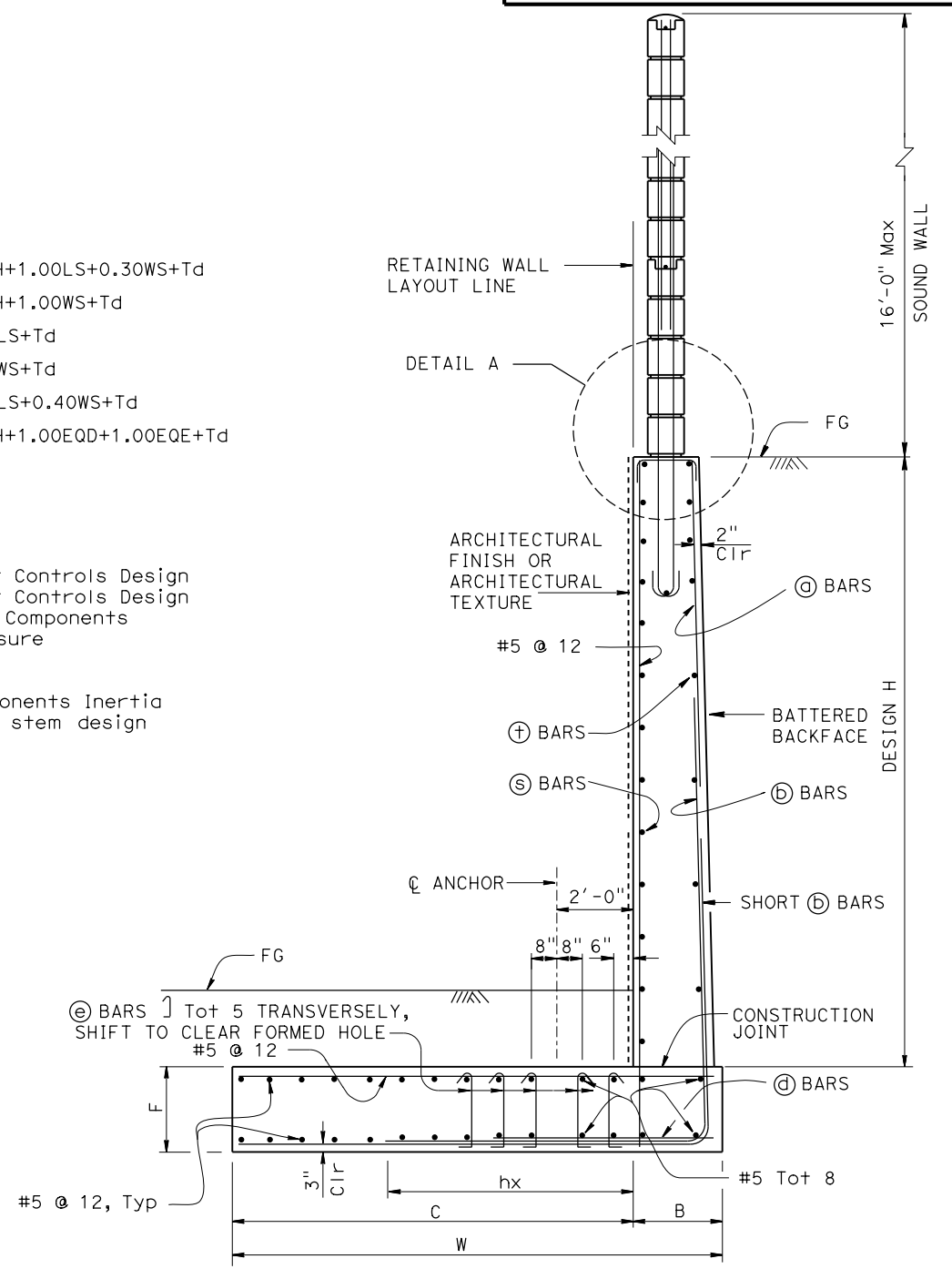
- Service I $Q = 1.00DC + 1.00EV + 1.00EH + 1.00LS + 0.30WS + T_d$
- Service II $Q = 1.00DC + 1.00EV + 1.00EH + 1.00WS + T_d$
- Strength I $Q = aDC + \beta EV + 1.50EH + 1.75LS + T_d$
- Strength III $Q = aDC + \beta EV + 1.50EH + 1.40WS + T_d$
- Strength V $Q = aDC + \beta EV + 1.50EH + 1.35LS + 0.40WS + T_d$
- Extreme I $Q = 1.00DC + 1.00EV + 1.00EH + 1.00EQD + 1.00EQE + T_d$

Where: Q: Force Effects
 a: 1.25 or 0.90, which ever Controls Design
 β: 1.35 or 1.00, which ever Controls Design
 DC: Dead Load of Structure Components
 EV: Vertical Earth Fill Pressure
 LS: Live Load Surcharge
 EQE: Seismic Earth Pressure
 EQD: Soil and Structure Components Inertia
 Soil inertia ignored for stem design
 WS: Wind Load on Sound wall
 Td: Anchor Design Load



DETAIL A
1" = 1'-0"

- NOTES:
- 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). Substitution of geocomposite drain for pervious backfill material is not permitted.
 - Footing cover, 2'-0" minimum.
 - For Sound wall reinforcement details, see "SOUND WALL - MASONRY BLOCK ON RETAINING WALL" sheet.
 - Shift ⊙ bars and ⊕ bars as required to clear formed hole for ground anchor.
 - Footing is designed to resist 1.33 Td assuming the maximum anchor spacing shown in the table.



SPREAD FOOTING SECTION
No Scale

BRIDGE STANDARD DETAILS			STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION			DIVISION OF ENGINEERING SERVICES			BRIDGE NO.		
xs14-380-1 FILE NO.	July 2014 APPROVAL DATE	<i>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.</i>							POST MILE		
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html			FILE => xs14-380-1.dgn USERNAME => s136236			PROJECT NUMBER & PHASE:			CONTRACT NO.:		
TIME PLOTTED => 12:52			DATE PLOTTED => 14-JUL-2016			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			DISREGARD PRINTS BEARING EARLIER REVISION DATES		
						SHEET OF			REVISION DATES 6-19-14 8-28-15 7-14-16		