

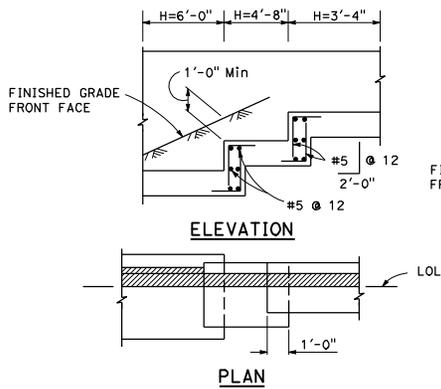
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

Gary Wong
 REGISTERED CIVIL ENGINEER

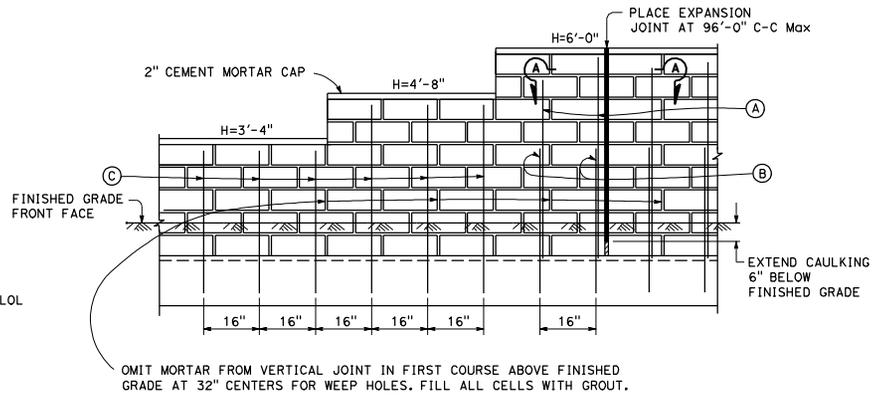
May 20, 2011
 PLANS APPROVAL DATE

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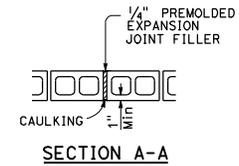
REGISTERED PROFESSIONAL ENGINEER
 Gary Wong
 No. C88238
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA



FOOTING STEP DETAILS



ELEVATION - MASONRY CONSTRUCTION



DESIGN NOTES:

- DESIGN:** AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments
 Building Code Requirements for Masonry Structures (TMS 402-08/ACI 530-08/ASCE 5-08)
- LIVE LOAD:** Surcharge on level ground surface
- SOIL:** $\phi = 34^\circ$
 $\gamma = 120$ pcf
- REINFORCED CONCRETE:** $f_y = 60,000$ psi
 $f_c' = 3,600$ psi
 $n = 8$
- REINFORCED MASONRY:** $f_y = 60,000$ psi
 $f_m' = 1,500$ psi
 $n = 21$

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**RETAINING WALL
 TYPE 6 DETAILS No. 1
 6'-0" MAXIMUM**

NO SCALE

B3-7