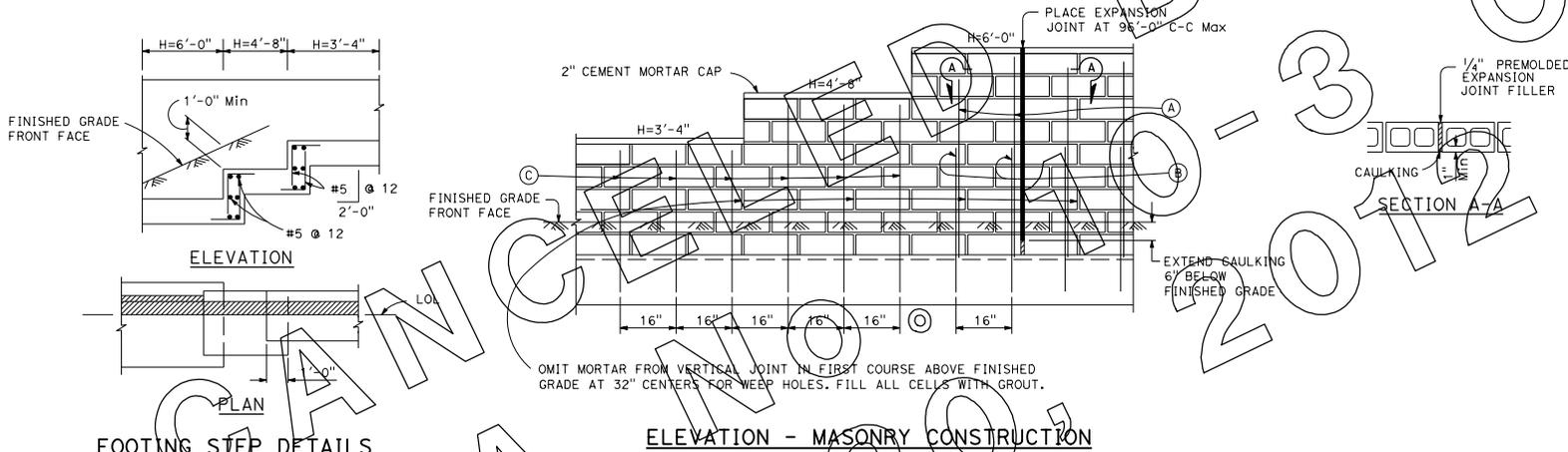


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
<i>Gary Wong</i> REGISTERED CIVIL ENGINEER					
May 20, 2011 PLANS APPROVAL DATE					
Gary Wong No. C58238 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



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 402-98/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