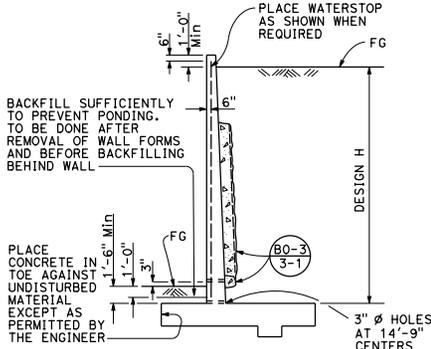
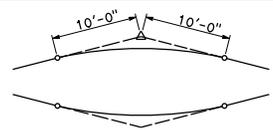


**TABLE A**

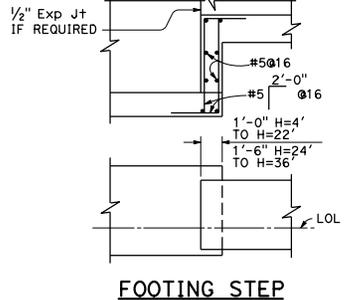
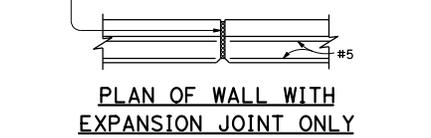
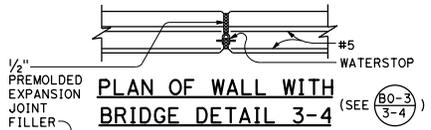
H	OFFSET
4'-12'	H/200
14'-16'	H/160
18'-20'	H/140
22'-24'	H/130
26'-36'	2 1/2"

**APPROXIMATE WALL OFFSET VALUES**

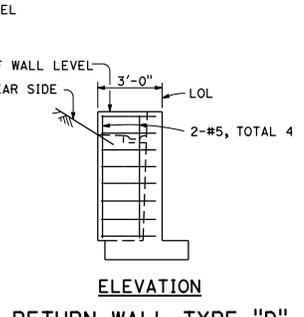
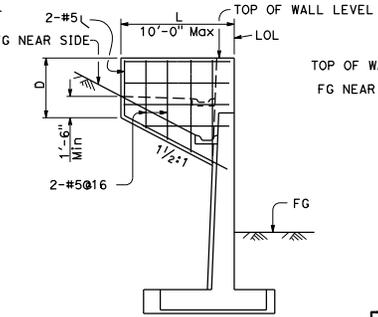
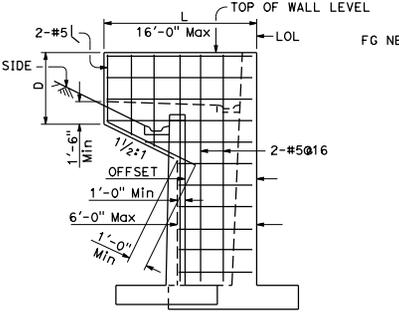
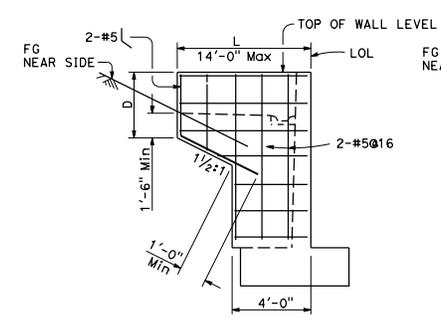
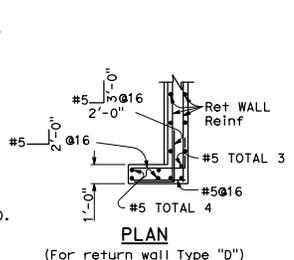
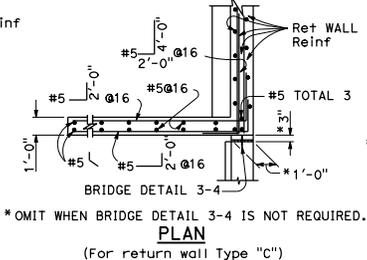
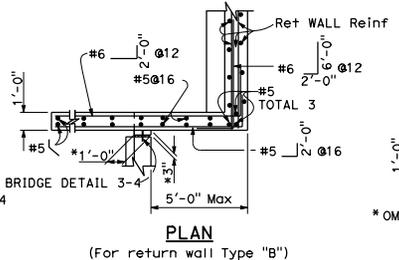
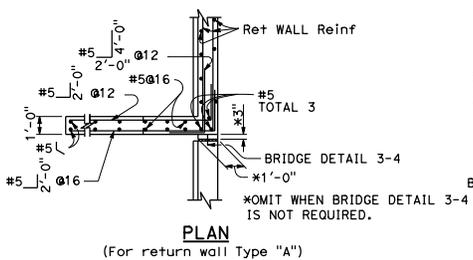
Values for offsetting forms to be determined by the Engineer.



**DESIGN AND DRAINAGE**



**FOOTING STEP**



**DESIGN CONDITIONS:**

Design "H" may be exceeded by 6" before going to the next size. Special footing design is required where foundation material is incapable of supporting bearing stress listed in table

Return wall not required unless shown elsewhere

**DESIGN NOTES:**

DESIGN: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments

LIVE LOAD: Surcharge on level ground surface

SOIL:  $\phi = 34^\circ$   
 $\gamma = 120 \text{ pcf}$

REINFORCED CONCRETE:  $f_y = 60,000 \text{ psi}$   
 $f_c' = 3,600 \text{ psi}$

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

*Gary Wong*  
REGISTERED CIVIL ENGINEER

October 30, 2015  
PLANS APPROVAL DATE

Gary Wong  
No. C58238  
Exp. 6-30-16  
CIVIL  
STATE OF CALIFORNIA

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STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**RETAINING WALL DETAILS No. 1**

NO SCALE

**B3-5**