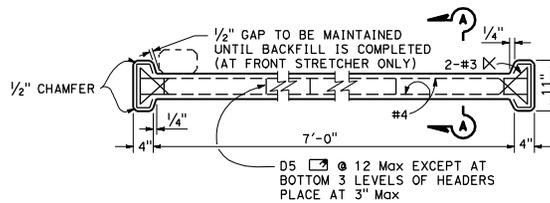
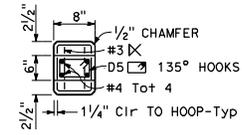


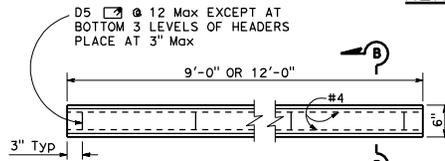
**PARTIAL PLAN AT BASE**  
Type "B" shown, others similar



**ELEVATION**

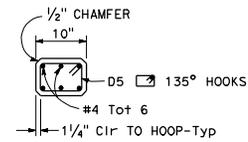


**SECTION A-A**



**ELEVATION**

**STRETCHER DETAIL**



**SECTION B-B**

D16+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

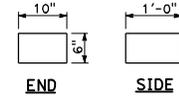
*Kathy Orinell*  
REGISTERED CIVIL ENGINEER

May 20, 2011  
PLANS APPROVAL DATE

KATHY ORINELL  
No. C55599  
Exp. 12-31-12  
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.

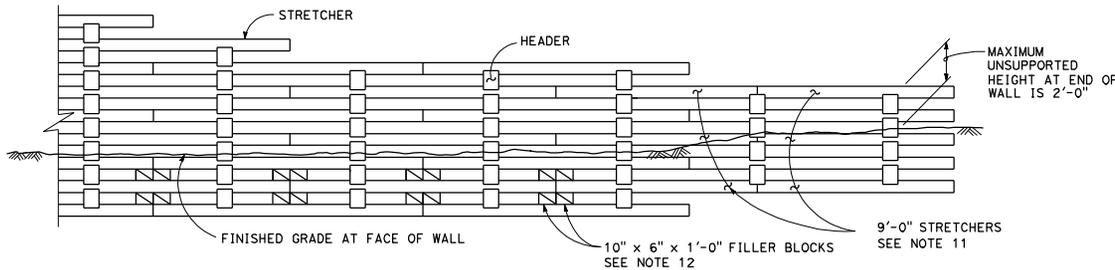
**HEADER DETAIL**



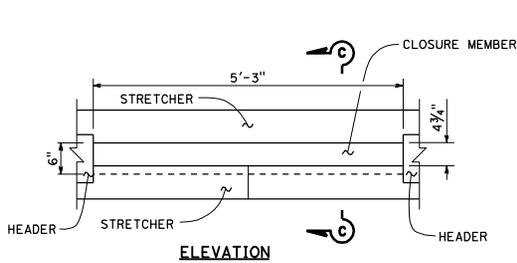
**FILLER BLOCK DETAIL**

**NOTES:**

- Design: AASHTO LRFD Bridge Design Specifications, 4th edition with the California Amendments.
- Reinforced Concrete:  $f_y = 60$  ksi,  $f'_c = 3.6$  ksi,  $n = 8$
- Soil Parameters:  $\phi = 34^\circ$ ,  $\delta = 25.5^\circ$ ,  $\lambda = 120$  pcf,  $A = 0.2g$   
Lateral earth pressure determined by Coulomb's theory.
- Concrete to concrete bearing surfaces shall be finished to a smooth plane. The gap between bearing surfaces shall not exceed  $1/8$  inch. Where a gap of  $1/16$  inch to  $1/8$  inch exists, a  $1/16$  inch pad of asphalt felt or sheet neoprene shall be placed between the bearing surfaces. For wall Types B and C, a  $1/16$  inch asphalt felt pad or sheet neoprene shall be placed between all concrete bearing surfaces below the 29'-10" level.
- All members may be manufactured to dimensions  $1/8$  inch greater in thickness and stretchers  $1/2$  inch less in length.
- Where an opening is specified in the face of a wall, special length stretchers and additional headers may be required.
- For non-tangent wall alignment, special length stretchers may be required.
- For non-tangent wall alignment and at locations where filler blocks are required, special length front face closure members may be required.
- The thickness of the lowest step for each wall type shall not be less than the dimension shown on these plans.
- Use "Front Face Closure Member" only when specified on project plans or in the Special Provisions.
- All stretchers are 12'-0" except as noted.
- Place 2 filler blocks midspan between stretchers in the bottom 2 levels of walls 9' high and higher.

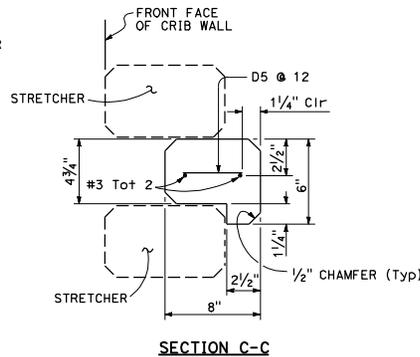


**PARTIAL ELEVATION**



**ELEVATION**

**FRONT FACE CLOSURE MEMBER**



**SECTION C-C**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**REINFORCED CONCRETE CRIB WALL  
TYPES A, B, AND C  
HEADER AND STRETCHER DETAILS**

NO SCALE

**C7B**