

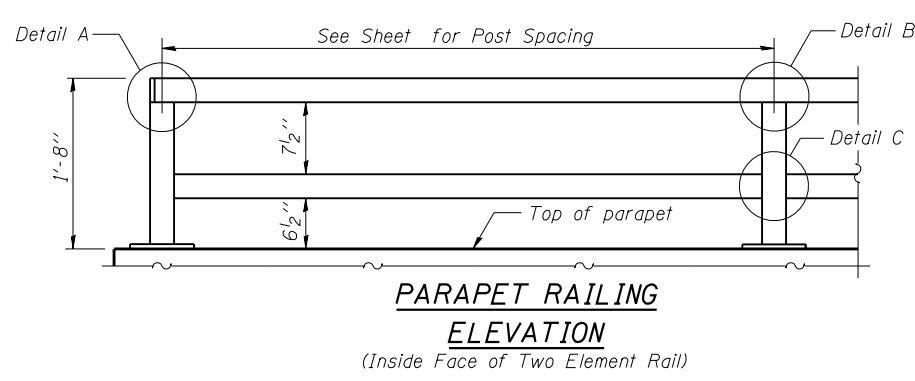
BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|----------------------------------|-----|------|---------|-------|
| d(E) | 99 | #6 | 4'-2" | L |
| d1(E) | 99 | #6 | 4'-0" | J |
| e(E) | 16 | #4 | 14'-6" | — |
| e1(E) | 24 | #4 | 19'-8" | — |
| t(E) | 91 | #5 | 2'-5" | — |
| w(E) | 12 | #5 | 24'-4" | — |
| Reinforcement Bars, Epoxy Coated | | | Pound | 2,220 |
| Concrete Superstructure | | | Cu. Yd. | 10 |
| Parapet Railing | | | Foot | 90 |

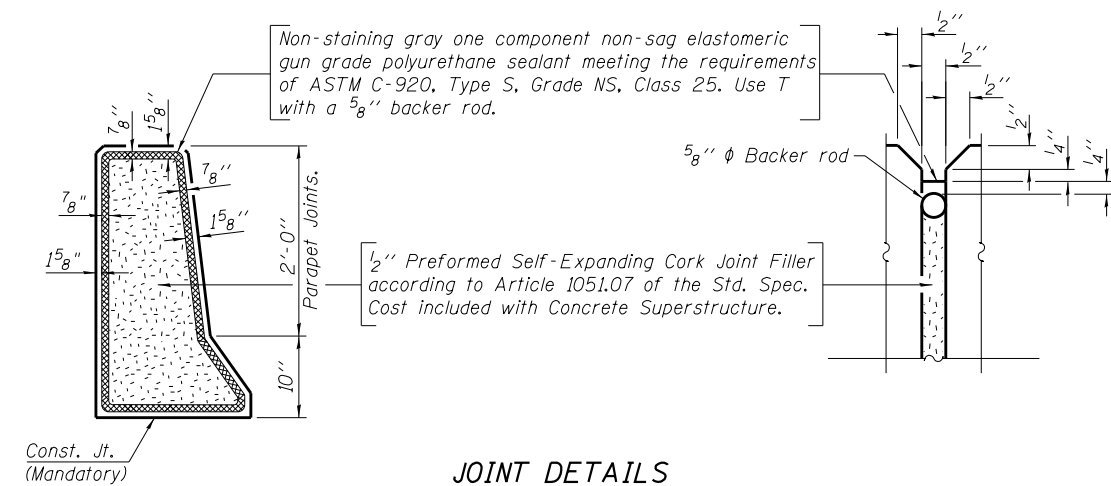
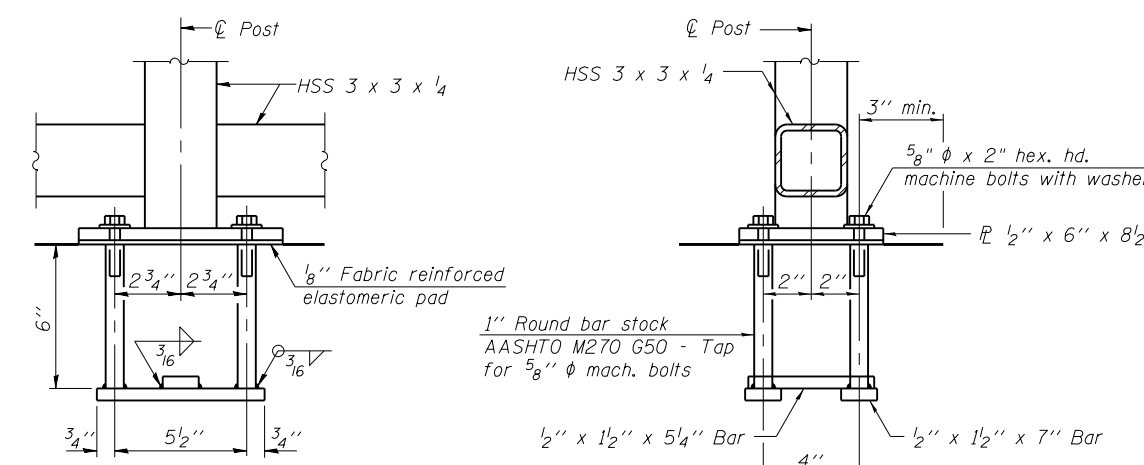
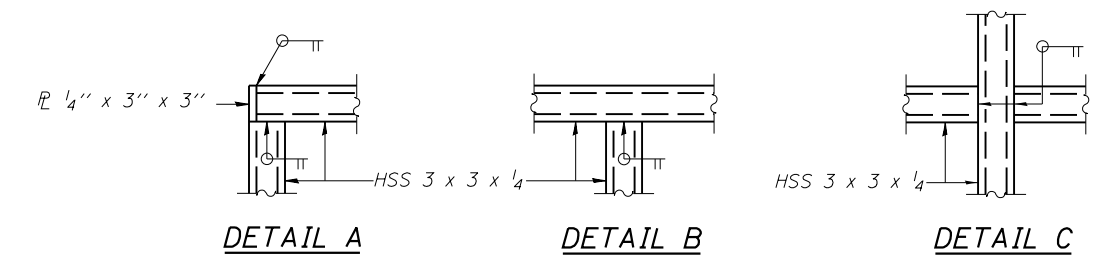
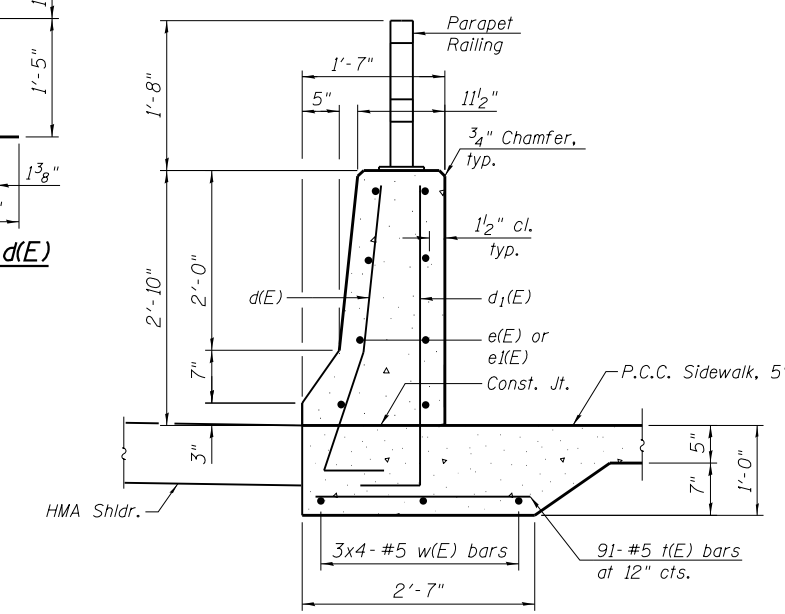
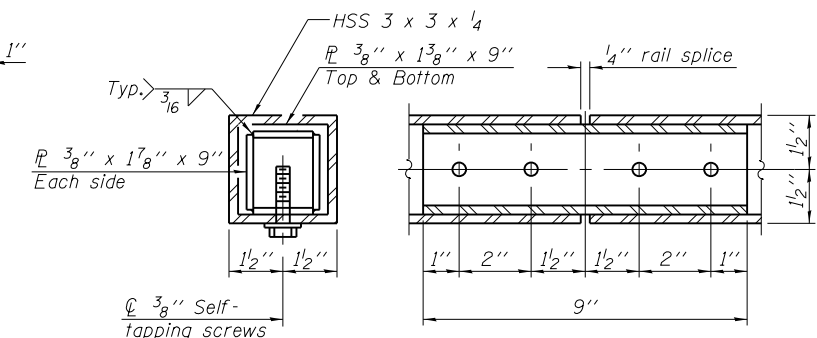
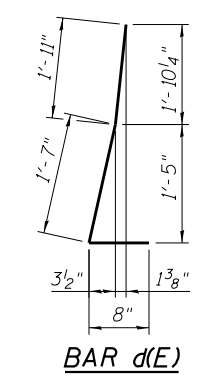
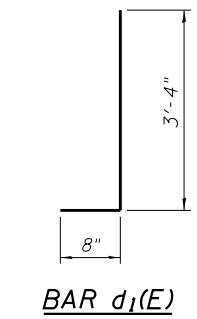
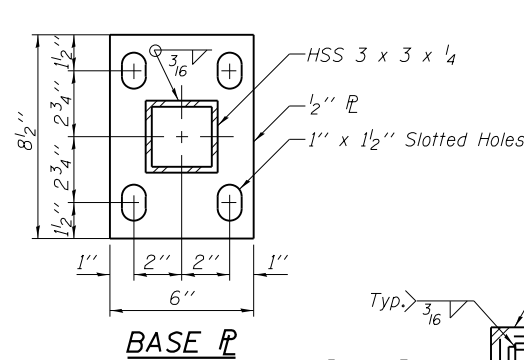
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.
 Bars indicated thus 3x4-#5 etc. indicates 3 lines of bars with 4 lengths per line.

MIN. BAR LAP

#5 bar = 2'-8"



INSIDE ELEVATION OF BARRIER WALL



SECTION THRU BARRIER WALL



Signature: *Andrew E. Underwager*
 Date: 12-7-2012
 License Expires: 11-30-2014

ANCHOR BOLT DETAILS
 In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" phi anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cond\Structural\Drawn\12 Barrier Wall\64341-001-Reinf.Conc.BarrierWall.dgn
 WBS PROJECTS\2010\100120 PTB 157\25\cond\Structural\Drawn\12 Barrier Wall\64341-001-Reinf.Conc.BarrierWall.dgn