NOTES:
1. See Dwg. No. 3.1.6 for notes to be included with this section on the Construction Drawings.
2. For $H$ less than 13'-6", use gravity abutment.
3. Reinforcing steel in back of wall shall be designed for bending and direct stress and shall conform to AASHTO M31 Grade 60.
4. Provide adequate lap length 'C' and hook embedment 'E'.
5. Where piles are used, see applicable portions of Section 3.6
6. Increase concrete cover by 1" where concrete is exposed to salt water.
7. Provide adequate 'Ld' for toe and heel steel rebars and extend at least every third rebar full length as shown.
8. Provide required Temperature and Shrinkage Reinforcement as per Dwg. No. 3.1.3.
9. Match size and spacing of vertical bars in stem. Provide length of reinforcing bars as follows:
   - #4 and #5 bars - 2'-0"
   - #6 bars - 2'-6"
   - #7 bars - 2'-10"
One-half of the specified bar length shall be embedded into the footing.
   - 0.1 $H$ To nearest 6"
   - 4'-0" Max., 2'-0" Min.
   - #X @ X" (See Note 8)
   - #X @ X" (See Note 4)

* CONST. JT.
WITH 12"x12"x2" SHEAR KEYS @ 3'-0" O.C.

Typical Abutment Section
Scale: $\frac{1}{4}" = 1'-0"$