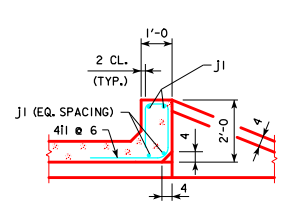
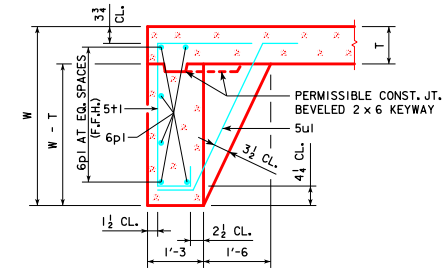


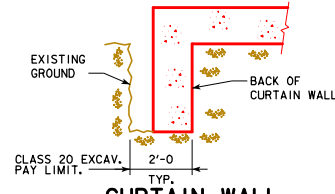
REVISED 12-2016; ADDED CURTAIN WALL CLASS 20 EXCAVATION DETAIL. ENGL15LRF0510SINGLRCULVERTS.DGN - PWH 15-2-12 - THIS SHEET ISSUED 04-12.



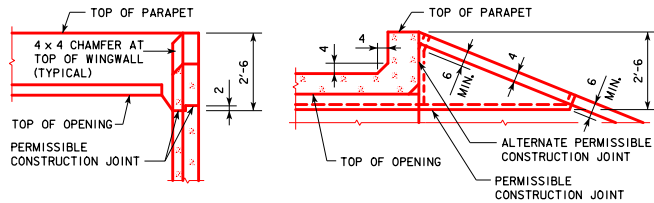
**SECTION THRU PARAPET**



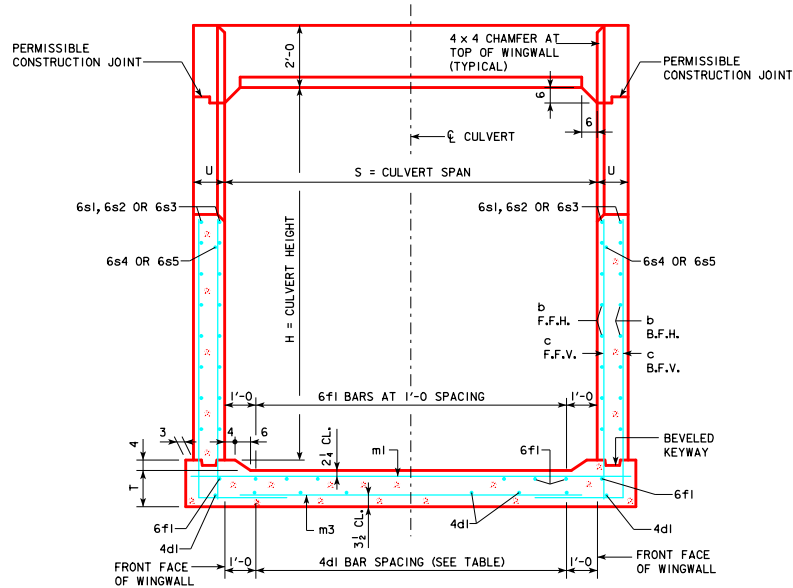
**SECTION THRU CURTAIN WALL**



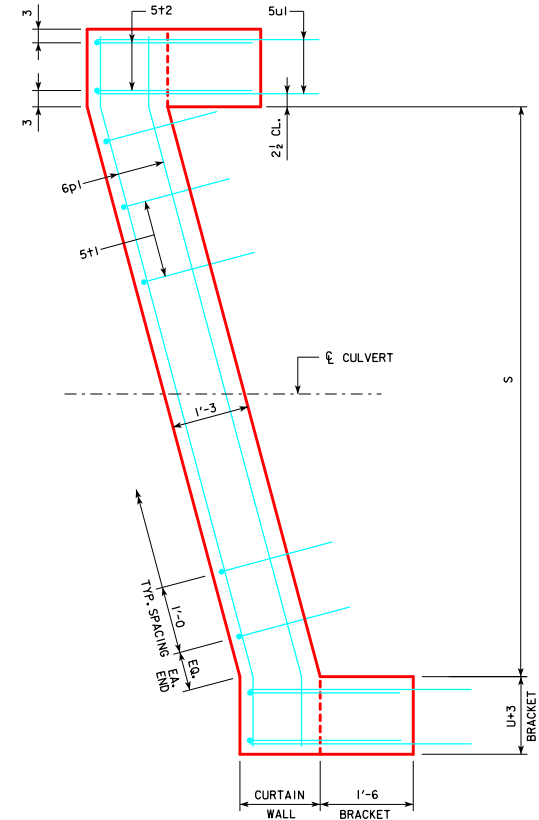
**CURTAIN WALL CLASS 20 EXCAVATION**



**TOP OF WINGWALL DETAILS**



**TYPICAL CROSS SECTION - THRU HEADWALL**



**CURTAIN WALL DETAIL - PLAN VIEW**

APRON IS NOT SHOWN

**NOTES:**

- SEE DRAWING RCB-G1-12 AND RCB-G2-12 FOR GENERAL NOTES, SPECIFICATIONS, AND DESIGN STRESSES.
- FOR DIMENSION TABLE SEE DRAWING PWH 15-1-12.

**4dI BAR SPACING**

SPAN	SPACING	NO. OF BARS
5'-0"	2 SPA. AT 1'-6"	5
6'-0"	3 SPA. AT 1'-4"	6
8'-0"	4 SPA. AT 1'-6"	7
10'-0"	6 SPA. AT 1'-4"	9
12'-0"	8 SPA. AT 1'-3"	11

12-2016 LATEST REVISION DATE  <i>Norman E. Mc Donnell</i> APPROVED BY BRIDGE ENGINEER	
	STANDARD DESIGN - SINGLE REINFORCED CONCRETE BOX CULVERTS <b>PARALLEL WING HEADWALLS</b>  APRIL, 2012
<b>CROSS SECTION DETAILS</b> 15° SKEW	
<b>PWH 15-2-12</b>	