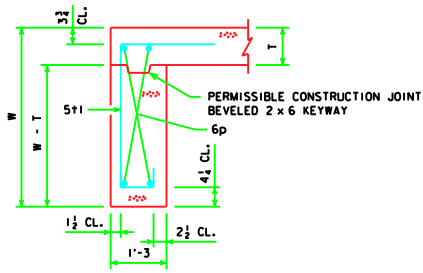
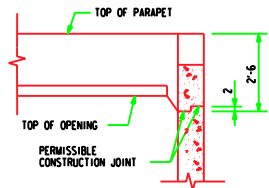


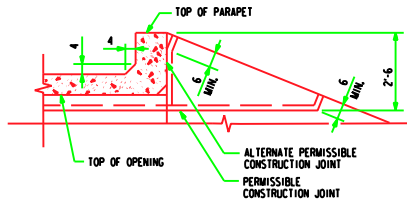
REVISION - 04-07 - ADDED PERMISSIBLE CONSTRUCTION JOINT IN CURTAIN WALL.
TWH 30-3-87



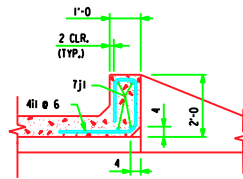
SECTION THRU CURTAIN WALL



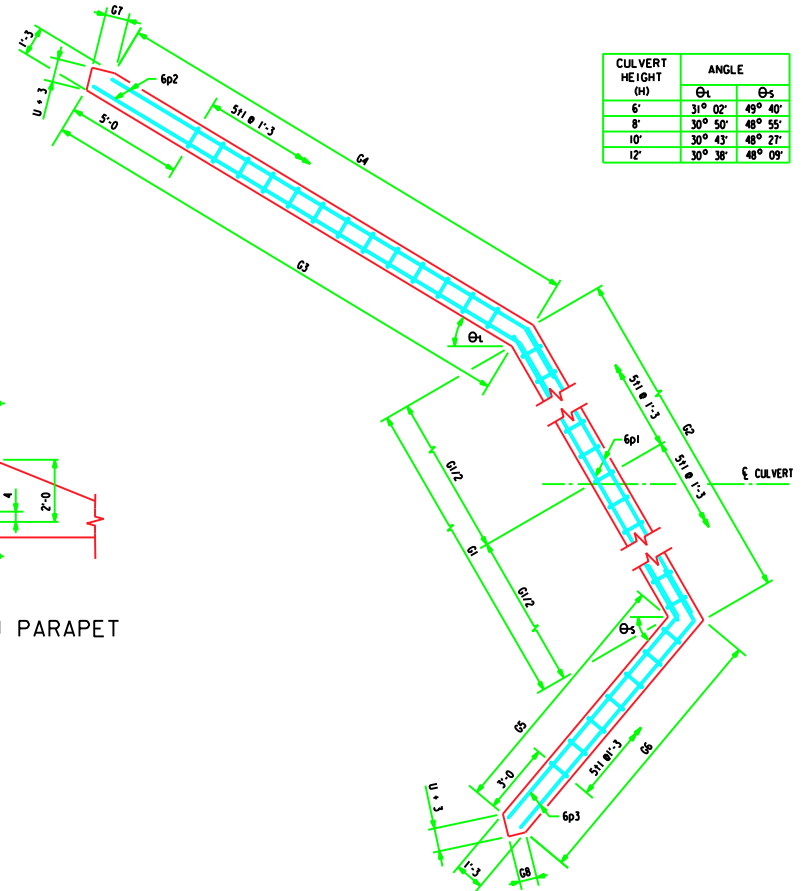
TOP OF WINGWALL DETAILS



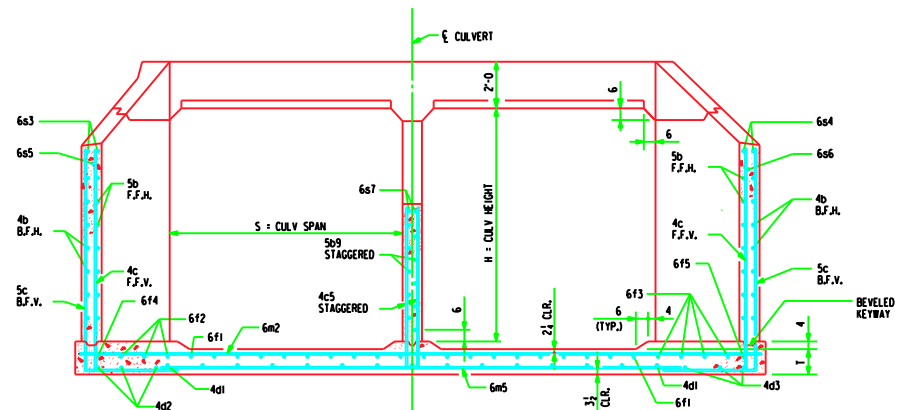
SECTION THRU PARAPET



CULVERT HEIGHT (H)	ANGLE	
	Θ ₁	Θ ₅
6'	31° 02'	49° 40'
8'	30° 50'	48° 55'
10'	30° 43'	48° 27'
12'	30° 38'	48° 09'



CURTAIN WALL DETAIL



TYPICAL SECTION - NEAR CENTER OF APRON

- NOTES:
1. SEE DRAWING TWHCB-G1-87 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
 2. FOR DIMENSION TABLE SEE DRAWING TWH 30-1-87.

LATEST REVISION DATE : 04-07	APPROVED BY : <i>[Signature]</i>	STANDARD DESIGN	
		FLARED WING HEADWALLS	
		FOR TWIN REINFORCED CONCRETE BOX CULVERTS	
		IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION	
		JULY, 1987	TWH 30-3-87