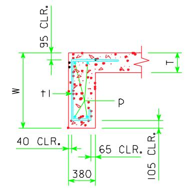
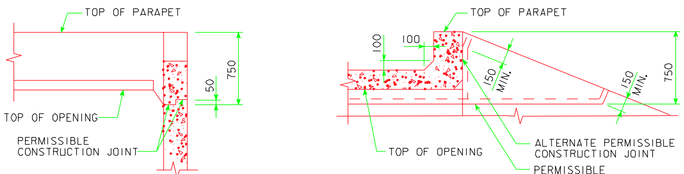
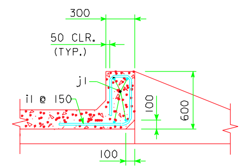


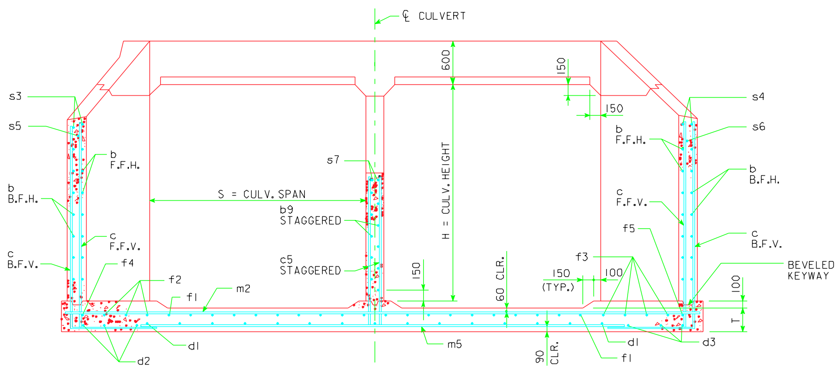
SECTION THRU CURTAIN WALL



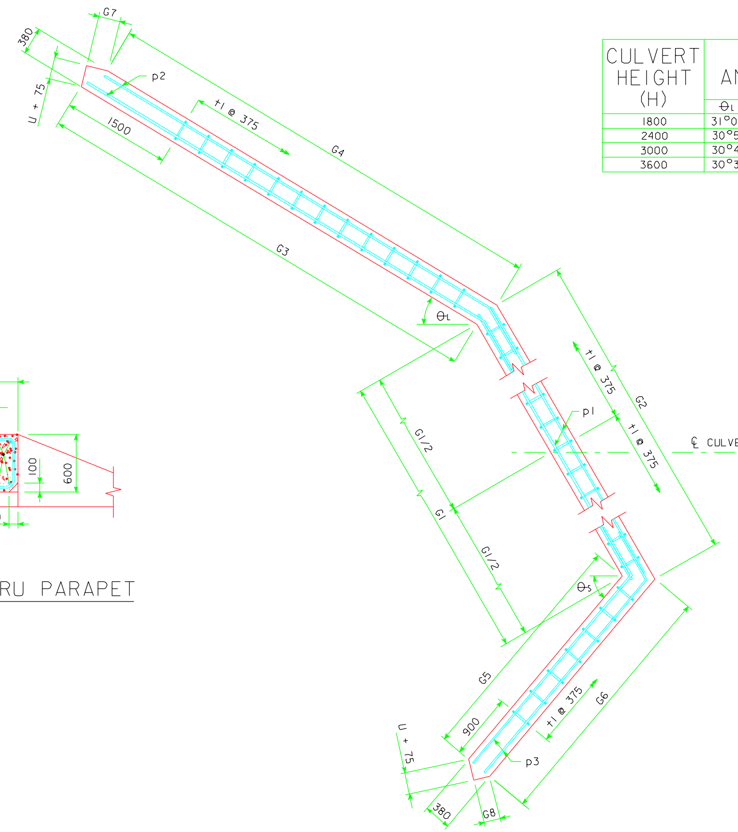
TOP OF WINGWALL DETAILS



SECTION THRU PARAPET



TYPICAL SECTION - NEAR CENTER OF APRON



CURTAIN WALL DETAIL

CULVERT HEIGHT (H)	ANGLE	
	θ_L	θ_S
1800	31°02′	49°40′
2400	30°50′	48°55′
3000	30°43′	48°27′
3600	30°38′	48°09′

NOTES:

1. SEE SHEET MTWRCB-GI-95 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE SHEET MTWH 30-1-95.

LATEST REVISION DATE : 1-1-98

APPROVED BY :

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TWIN REINFORCED CONCRETE BOX CULVERTS

PROJECT DEVELOPMENT DIVISION
IOWA DEPARTMENT OF TRANSPORTATION

JULY, 1995

MTWH 30-3-95

REVISED : 12/96 ; KEYWAY NOTATION CHANGED.

REVISED 1/98; CLEAR DISTANCE TO i1 BAR CHANGED.

TWH303M.S01

XXXXXXXXXXSYSTEMTIME XXXXXXXUSERNAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXDGNSPEC