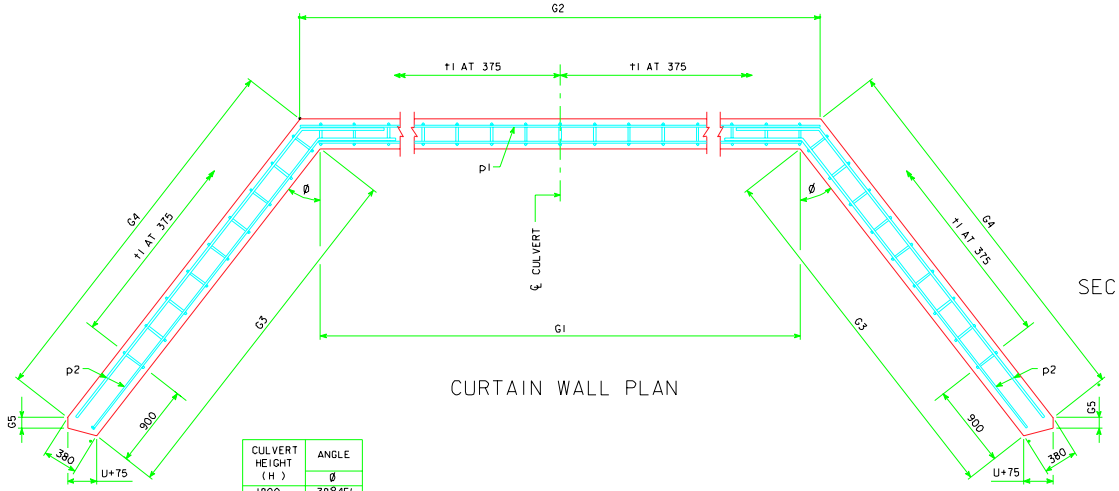
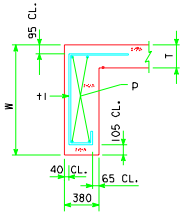
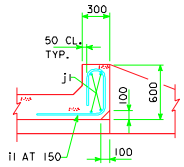


CURTAIN WALL PLAN

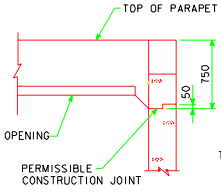
CULVERT HEIGHT (H)	ANGLE Ø
1800	38°45'
2400	38°19'
3000	38°02'
3600	37°51'

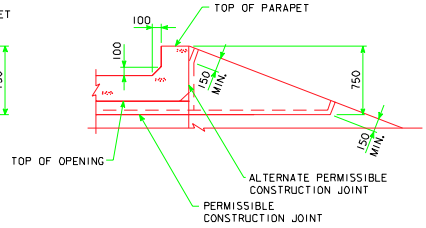


SECTION THRU CURTAIN WALL

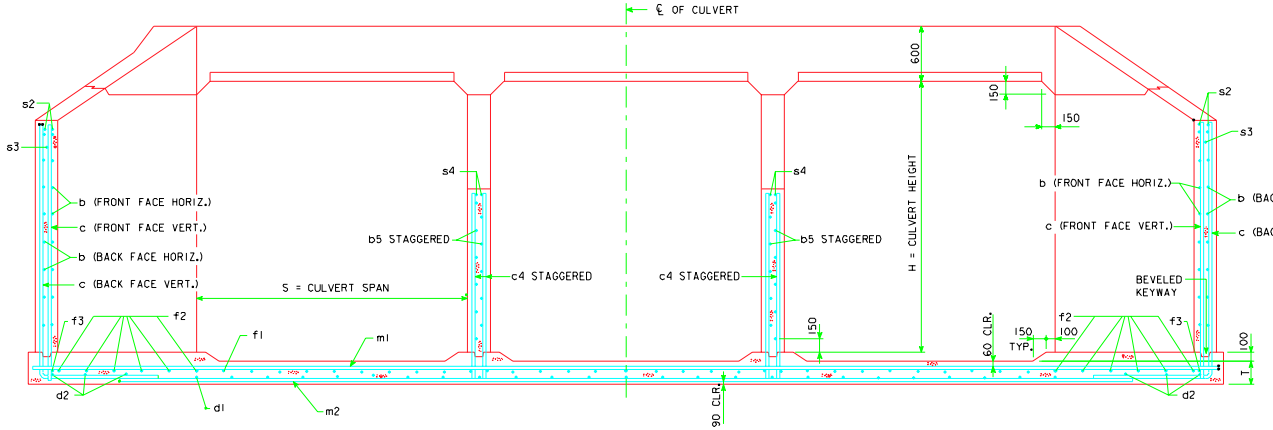


SECTION THRU PARAPET





TOP OF WINGWALL DETAILS



TYPICAL SECTION - NEAR CENTER OF APRON

NOTES:

1. SEE SHEET MTRRCB-GI-94 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE SHEET MTRH 0-1-94

LATEST REVISION DATE : 04-02

APPROVED BY : Lillian A. Hoagland

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TRIPLE REINFORCED CONCRETE BOX CULVERTS

PROJECT DEVELOPMENT DIVISION

IOWA DEPARTMENT OF TRANSPORTATION

DECEMBER, 1994

MTRH 0-3-94

REVISED 1-98 - CLEAR DISTANCE TO 1i BAR CHANGED.
REVISED 12-96 - KEYWAY NOTATION CHANGED.

REVISED 04-02 - CHANGED BAR CLEARANCES AND PARAPET DIMENSIONS.
TRH03M.SOI : THIS SHEET ISSUED 03/95

XXXXXXXXXXSYSTEMTIME XXXXXXXUSERNAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXDGNSPEC