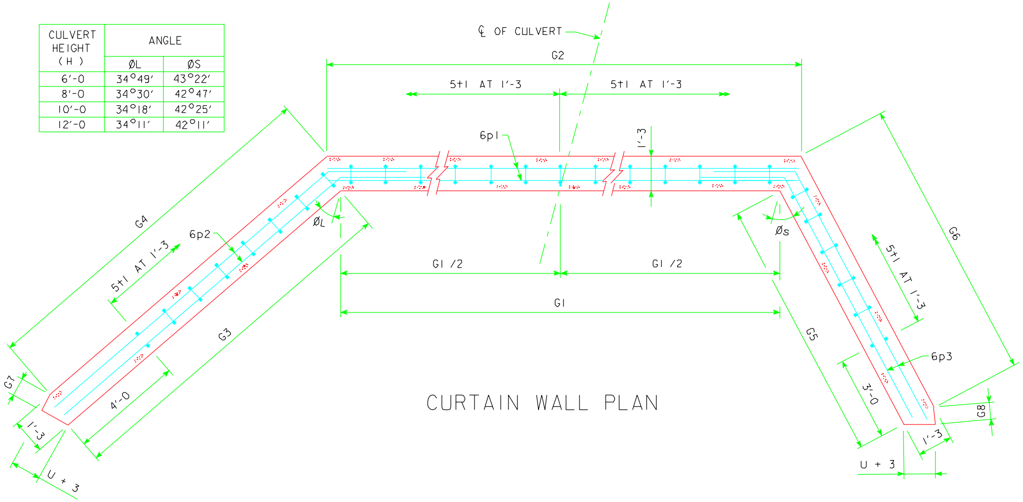
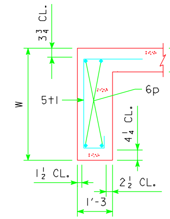
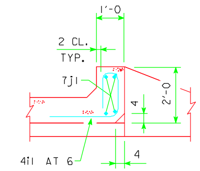
CULVERT HEIGHT (H)	ANGLE	
	ØL	ØS
6'-0	34°49'	43°22'
8'-0	34°30'	42°47'
10'-0	34°18'	42°25'
12'-0	34°11'	42°11'



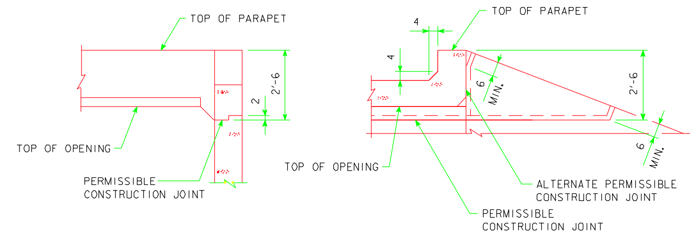
CURTAIN WALL PLAN



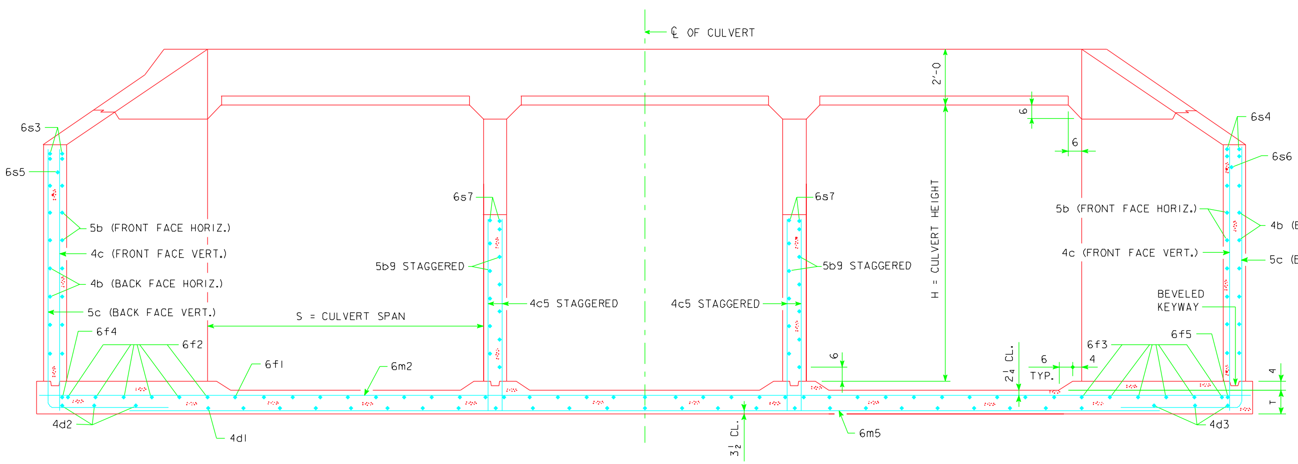
SECTION THRU CURTAIN WALL



SECTION THRU PARAPET



TOP OF WINGWALL DETAILS



TYPICAL SECTION - NEAR CENTER OF APRON

HEADWALL NOTES:

1. SEE SHEET TRRCB-G1-01 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. FOR DIMENSION TABLE SEE SHEET TRH 15-1-01.

LATEST REVISION DATE :

APPROVED BY :

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TRIPLE REINFORCED CONCRETE BOX CULVERTS

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

SEPT., 2001

TRH 15-3-01

TRH153.S01 - 09-01 THIS SHEET ISSUED.

XXXXXXXXXXSYSTEMTIME XXXXXXXUSERNAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXDGNSPEC