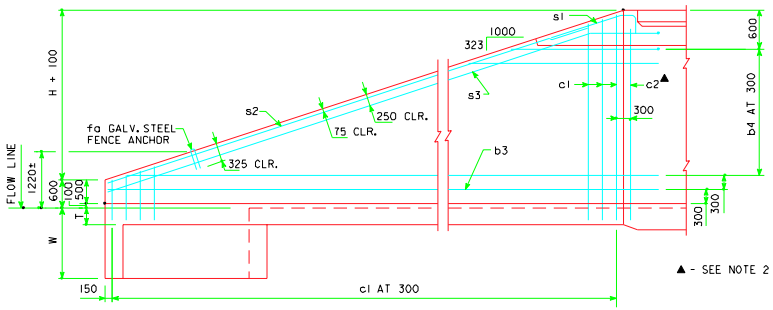
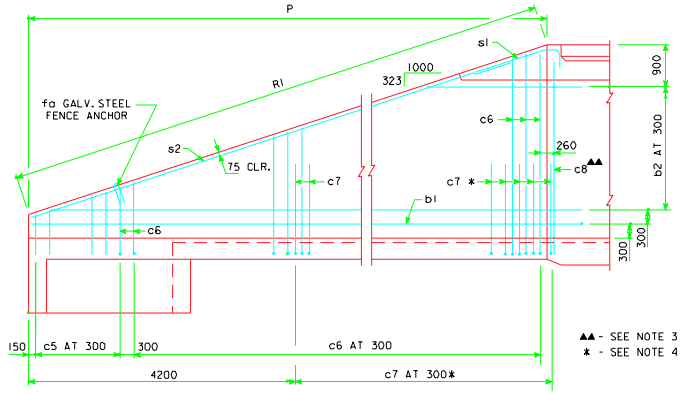
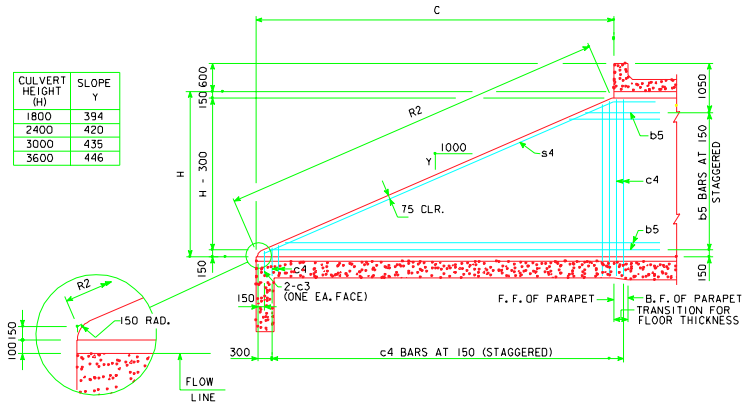



TYPICAL VIEW - FRONT FACE REINFORCING




TYPICAL VIEW - BACK FACE REINFORCING

| CULVERT HEIGHT (H) | SLOPE Y |
|---|---|
| 1800 | 394 |
| 2400 | 420 |
| 3000 | 435 |
| 3600 | 446 |




TYPICAL VIEW - INTERIOR WALL

NOTES:

1. BAR SPACING AND POSITIONS SHOWN ARE SIMILAR FOR ALL SIZES OF HEADWALL IN THIS STANDARD.
2. ONE c2 BAR HEADWALL HEIGHTS OF H=1800 mm, H=2400 mm, H=3000 mm AND TWO c2 BARS, HEADWALL HEIGHT OF H=3600 mm.
3. ONE c8 BAR, HEADWALL HEIGHTS OF H=1800 mm, H=2400 mm, H=3000 mm AND TWO c8 BARS, HEADWALL HEIGHT OF H=3600 mm.
4. NOT APPLICABLE TO HEADWALL HEIGHT OF H=1800 mm.
5. FOR DIMENSION TABLE SEE SHEET MTRH 0-1-94.

LATEST REVISION DATE : 04-02

APPROVED BY :

STANDARD DESIGN

# FLARED WING HEADWALLS

FOR

TRIPLE REINFORCED CONCRETE BOX CULVERTS

PROJECT DEVELOPMENT DIVISION
IOWA DEPARTMENT OF TRANSPORTATION

DECEMBER, 1994

MTRH 0-4-94

REVISED 04-02 - CHANGED BAR CLEARANCES.
TRH04.SOI : THIS SHEET ISSUED 03/95

XXXXXXXXXXSYSTEMTIME XXXXXXXXUSERNAME XXXXXXXXXX