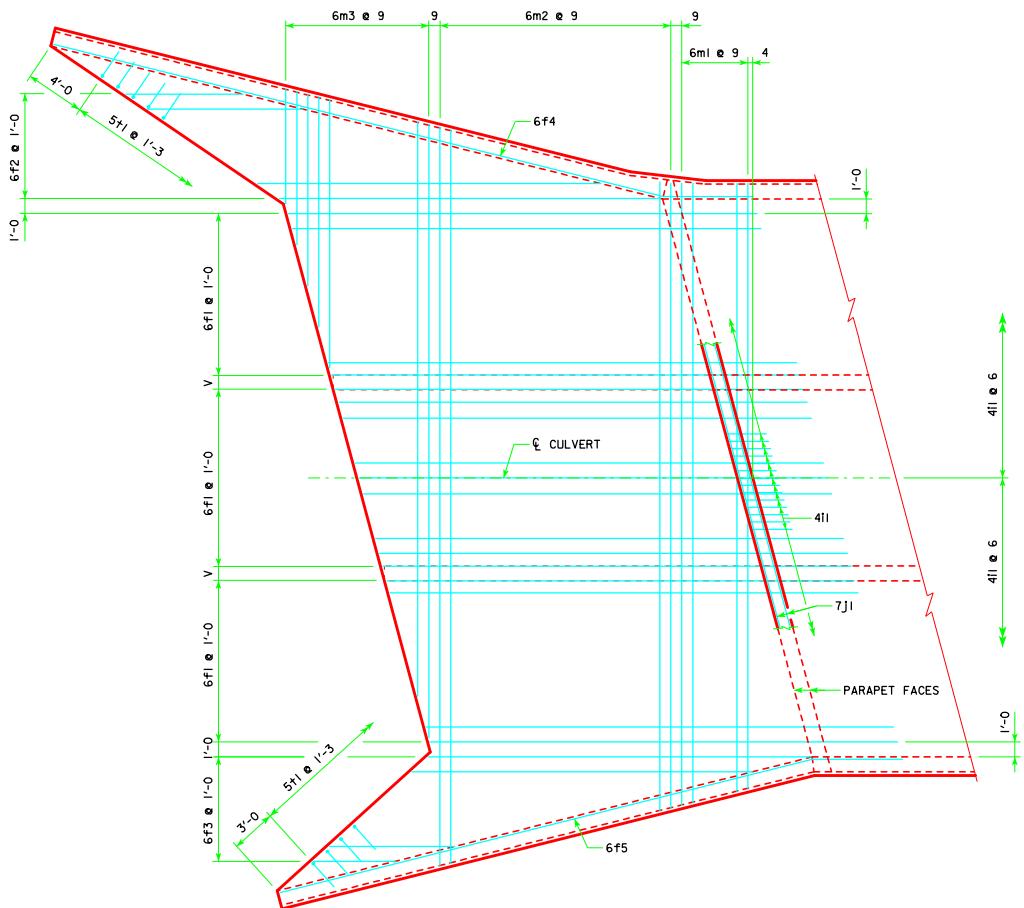


ENGLISH DESIGNED TRIPLE CULVERTS.DGN - TRH 15-3-12 - THIS SHEET ISSUED 04-12.



PLAN VIEW - TOP OF APRON REINFORCING BARS

NOTES:

1. BAR SPACINGS AND POSITIONS SHOWN ARE SIMILAR FOR ALL SIZES OF HEADWALLS IN THIS STANDARD.
2. TOP TRANSVERSE FLOOR BARS ARE REFERENCED APPROXIMATELY 4" FROM THE BACK OF THE PARAPET FOR ALL HEADWALLS.
3. FOR DIMENSION TABLE SEE SHEET TRH 15-2-12.
4. FOR REINFORCING IN CURTAIN WALL SEE CURTAIN WALL DETAILS ON SHEET TRH 15-5-12.

LATEST REVISION DATE <i>Thomas E. McQuinn</i> APPROVED BY BRIDGE ENGINEER	Iowa Department of Transportation Highway Division
	STANDARD DESIGN TRIPLE REINFORCED CONCRETE BOX CULVERTS APRIL, 2012
	FLARED WING HEADWALLS <small>15° SKEW</small>
TRH 15-3-12	