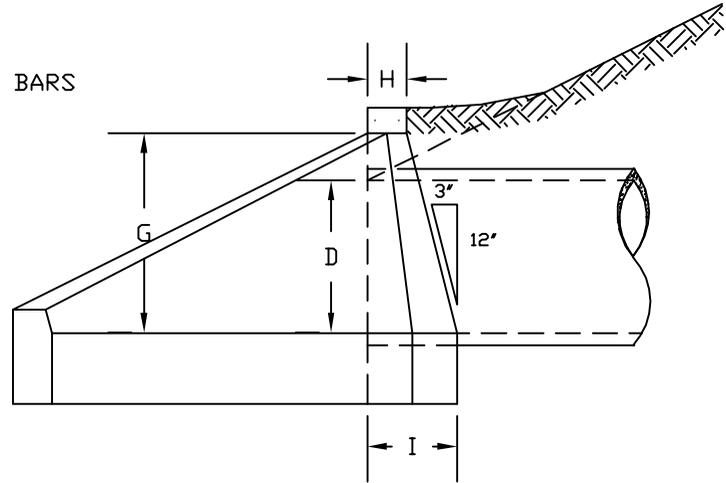
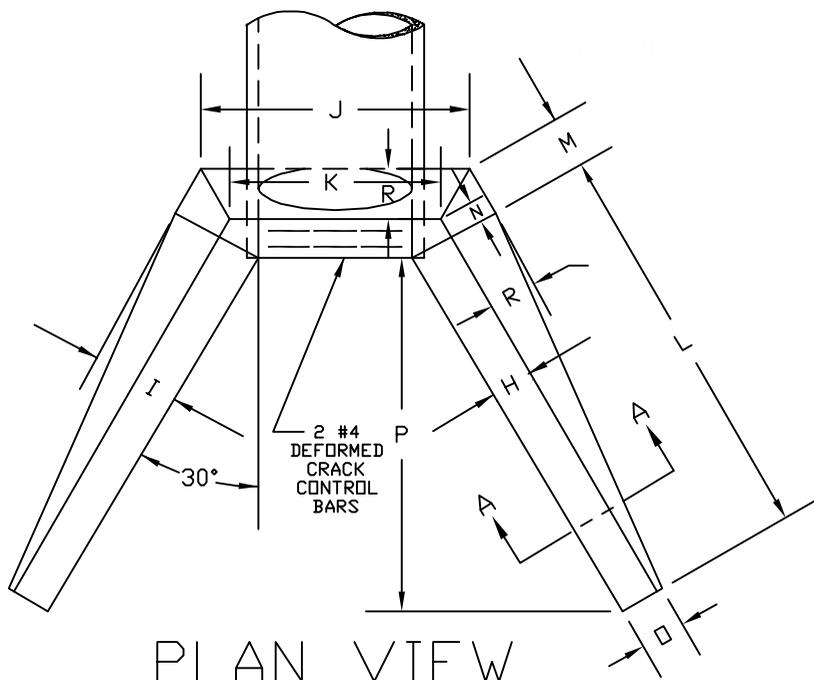


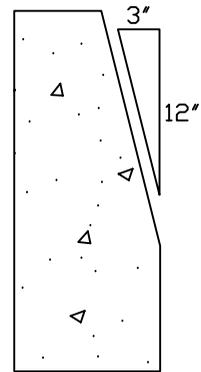
END ELEVATION



SIDE ELEVATION



PLAN VIEW



SECTION A-A

NOTES

THIS ITEM MAY BE PRECAST OR CAST IN PLACE. PRECAST CONCRETE TO BE 4000 PSI, CAST IN PLACE CONCRETE TO BE CLASS A3.

FOR TABLES OF DIMENSIONS AND VOLUMES SEE SHEET 2 FOR CIRCULAR PIPE & SHEET 3 FOR ELLIPTICAL PIPE.

ON SHALLOW FILLS, WHERE ENDWALLS ARE 1' OR LESS BELOW SHOULDER LINE, THE TOP OF THE ENDWALL SHALL BE CONSTRUCTED PARALLEL TO THE GRADE OF THE ROAD.

IN NO CASE SHALL THE TOP OF ENDWALL PROJECT ABOVE FILL SLOPE, DITCH SLOPE, OR SHOULDER.

THIS STANDARD TO BE USED WITH STRAIGHT CROSSINGS & SKEW ANGLES UP TO 15°.

COST OF BARS FOR CRACK CONTROL TO BE INCLUDED IN PRICE BID PER CUBIC YARD OF CONCRETE.

SHEET 1 OF 3

	DESIGN AND CONSTRUCTION STANDARDS	
	ENDWALL FOR PIPE CULVERTS	

08/01/03	REV. FOR INTERNET 2003	DR. BY:	DATE:
DATE	REVISIONS	CHK. BY:	DATE:
		APP. BY:	DATE:

EW-1

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