

## GENERAL NOTES

- 1 If underdrain outlet-pipe elevations are not shown on Underdrain Table, the minimum outlet-pipe slope shall be 0.3%. The minimum freeboard between the outlet pipe outfall and the ditch line shall be 300 for median ditches and 600 for side ditches.
- 2 See Standard Drawing 718-UNDR-06 for rodent screen details.
- 3 The #13 transverse bars in the upslope lug may be field cut to accomodate the outlet pipe or pipes. The 1304 bars in the upslope lug may be moved to accomodate the outlet pipe or pipes.

APPROXIMATE OUTLET PROTECTEOR QUANTITIES			
TYPE	CONCRETE, CLASS A (m <sup>3</sup> )	REINFORCING BARS (kg)	SODDING (m <sup>2</sup> )
1	0.6	13.1	4.0
2	0.5	11.3	3.3
3	0.2	9.8	2.6

All Dimensions are in mm unless otherwise specified.

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>											
<b>UNDERDRAIN NOTES</b>											
<b>SEPTEMBER 2009</b>											
<b>STANDARD DRAWING NO. 718-UNDR-07</b>											
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