



DRAIN OUTLET FOR LOW FLOW AND LOW FLOW VELOCITY CONDITIONS

1. ALL CONCRETE CHANNELS AND OTHER DRAINAGE STRUCTURES ON THIS PLAN TO BE CAST USING CLASS 30/19 CONCRETE.
2. ALL CONCRETE CHANNELS MUST BE CAST IN ALTERNATIVE LENGTHS OF 2.0m MAXIMUM WITH EXPANSION JOINTS EVERY 5th PANEL (10m - TR-D-RD-001).
3. ALL EXPOSED CORNERS MUST BE ROUNDED OFF TO A RADIUS OF 10mm.
4. THE CLASS OF SURFACE FINISH IS INDICATED AS 'F2' OR 'U2'.
5. PROVIDE EROSION PROTECTION IF FLOW VELOCITY AT END OF DRAIN OUTLET $> 1.5\text{M/S}$ (REFER TO EROSION CONTROL TYPICAL DRAWING 8.8.3)
6. REFER GENERAL NOTES REGARDING CONCRETE DRAINS ON SHEET 1 OF 7 (DWG No. D812-2781-T)
7. DETAILS OF EXPANSION JOINTS IN CONCRETE DRAINS AND FINISHING OF SURFACING EDGE NEXT TO CONCRETE DRAINS SHOWN AS "DETAIL X" ON DWG No. D812-2781-T, APPLY TO ALL RELATED TYPICAL DRAWINGS.

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