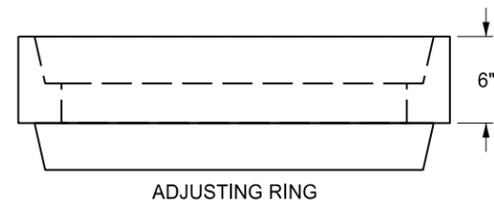
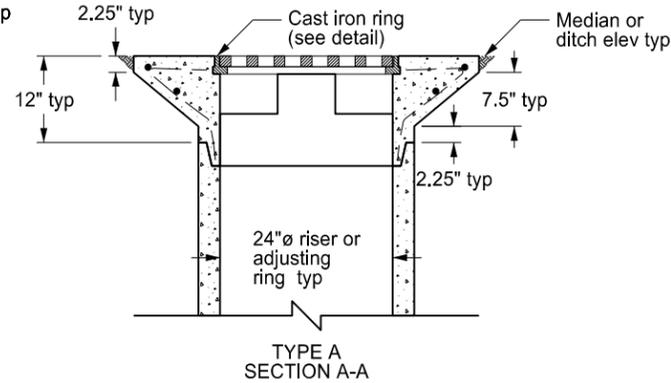
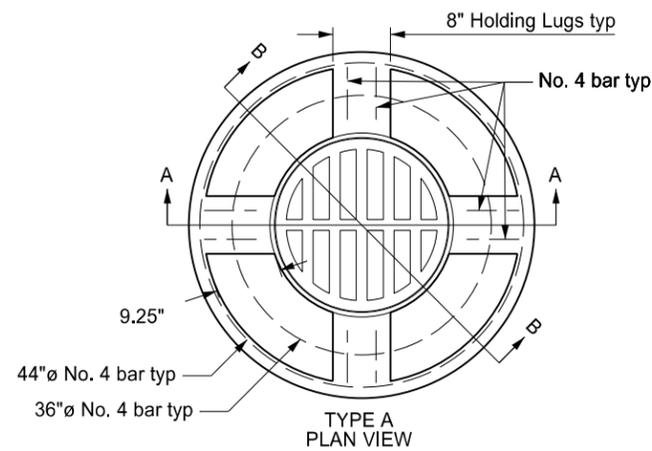


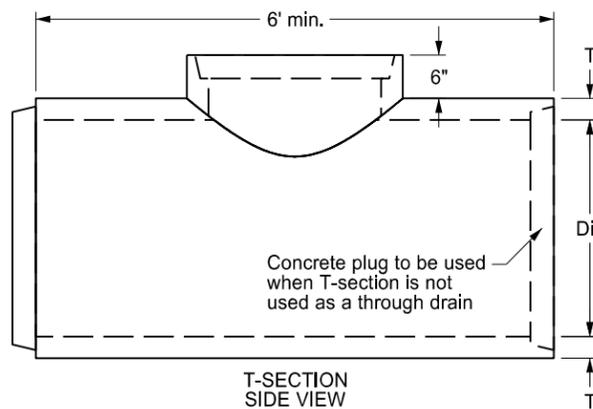
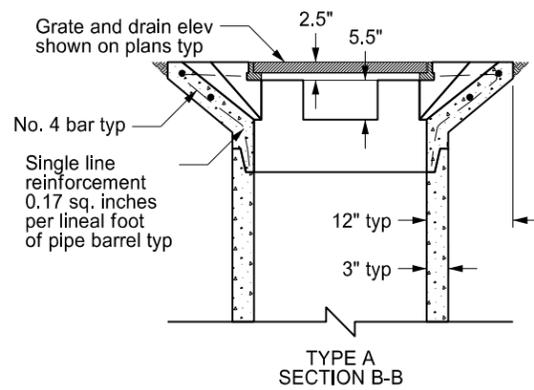
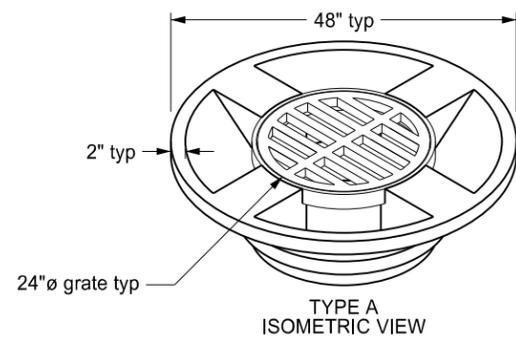
PRECAST CONCRETE MEDIAN DRAIN

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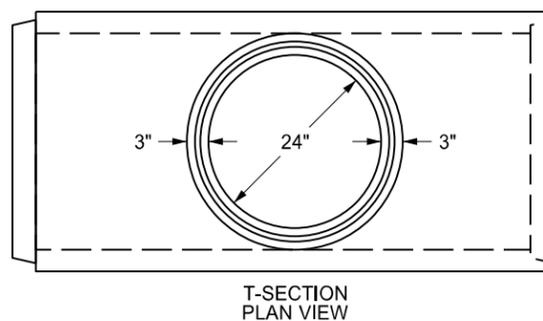
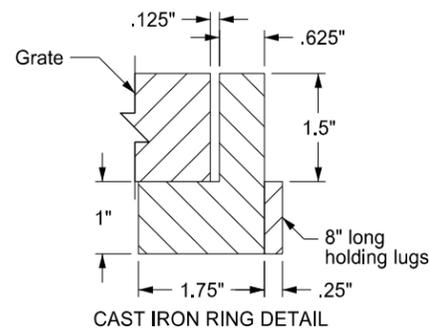
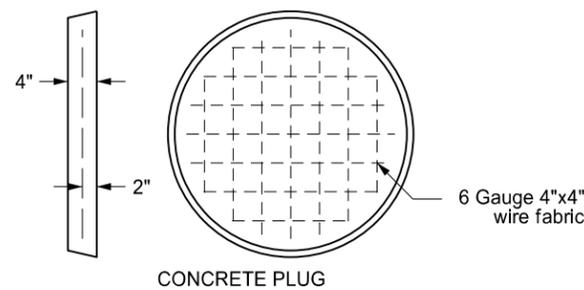


Notes:

1. Use Neenah R-4370-23G, East Jordan 1310 grate, or equal with a minimum waterway of 1.2 SF. If modifications to the drain are required to facilitate similar castings, the contractor must receive written approval from the Engineer.
2. Castings shall be manufactured in accordance with AASHTO M 306. Metal used in the manufacture of castings shall conform to AASHTO M 105, Class 35B.
3. Precast concrete median drains, adjusting rings, and riser sections shall be constructed in accordance with AASHTO M 199. T-sections shall be constructed in accordance with AASHTO M 170.
4. All reinforcing steel shall be Grade 60 steel. Reinforcing for adjusting rings, riser sections, and T-sections shall be in accordance with AASHTO M170.
5. The cost of furnishing and installing the castings and drains shall be included in the price bid for "Median Drain Precast Concrete-Type A". The cost of furnishing and installing the adjusting rings and riser sections shall be included in the price bid for "Pipe Conc Reinf 24IN (CL _)". The cost of furnishing and installing the T-sections and concrete plugs shall be included in the price bid for "Pipe Conc Reinf (_ IN) (CL _)".
6. Seal all joints with rubber gaskets or with sealer approved by the engineer.



Dia = Diameter of drainage pipe
T = Wall thickness of drainage pipe



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
6-30-14	
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This document was originally issued and sealed by Terrence R. Udland, Registration Number PE-2674, on 06/30/14 and the original document is stored at the North Dakota Department of Transportation