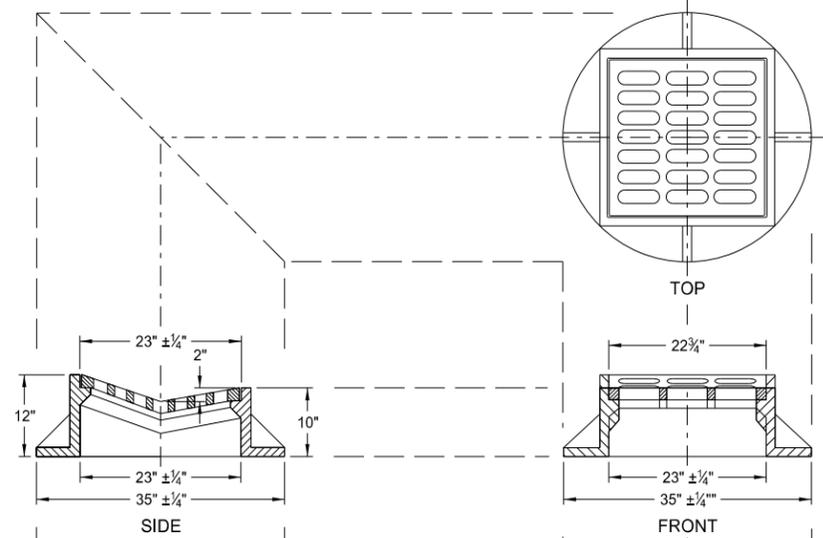
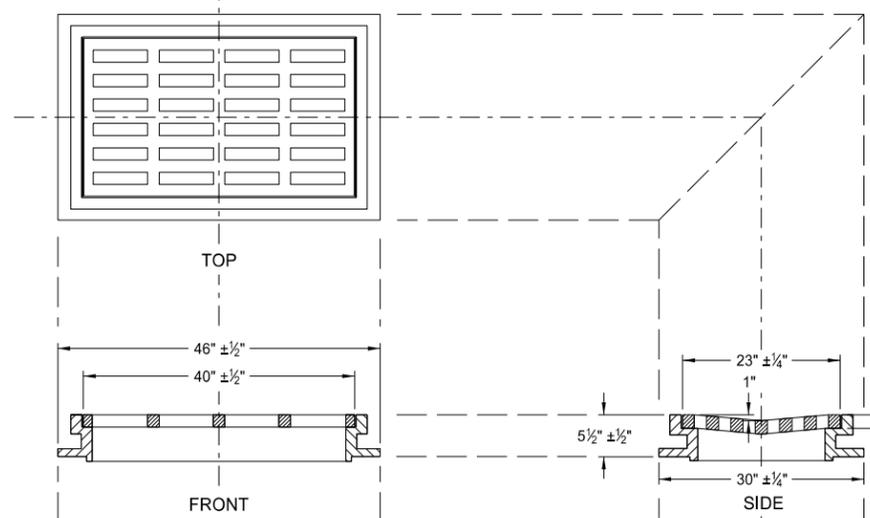


INLET - MOUNTABLE CURB

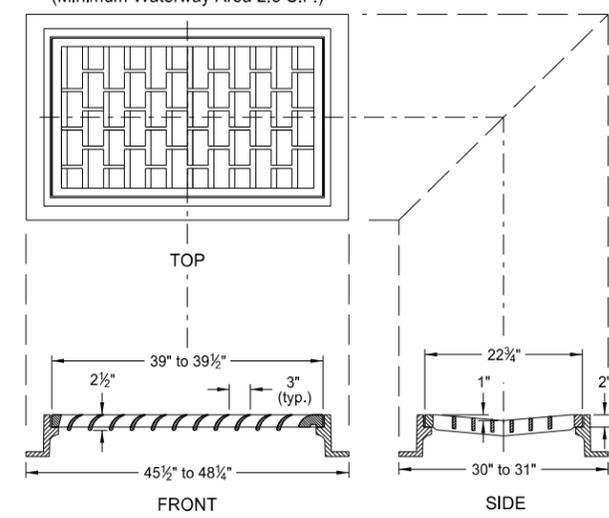
TYPE A  
(Minimum Waterway Area 1.5 S.F.)



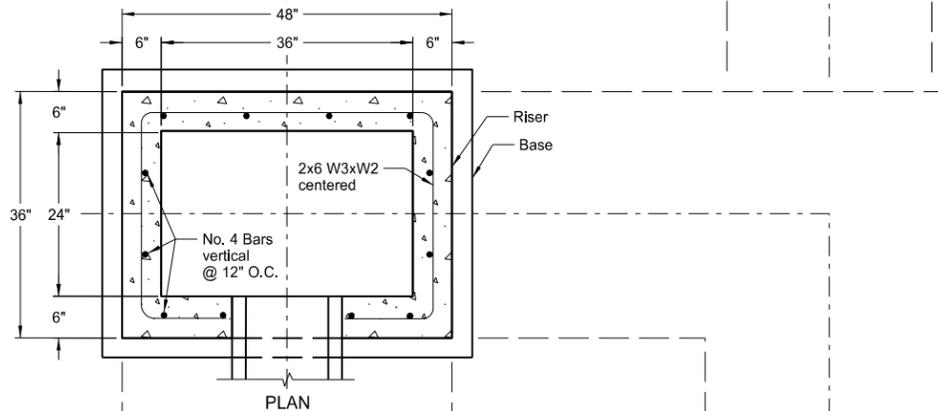
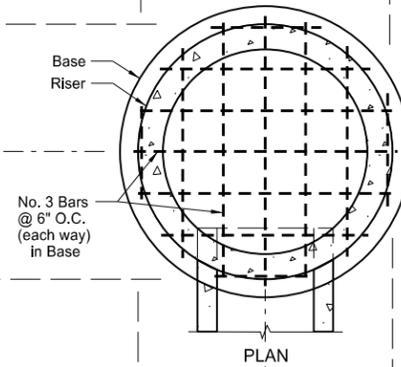
TYPE B  
(Minimum Waterway Area 2.3 S.F.)



TYPE B ALTERNATE GRATE  
Type "L" Vane Grate  
(Minimum Waterway Area 2.3 S.F.)



CASTING DETAILS

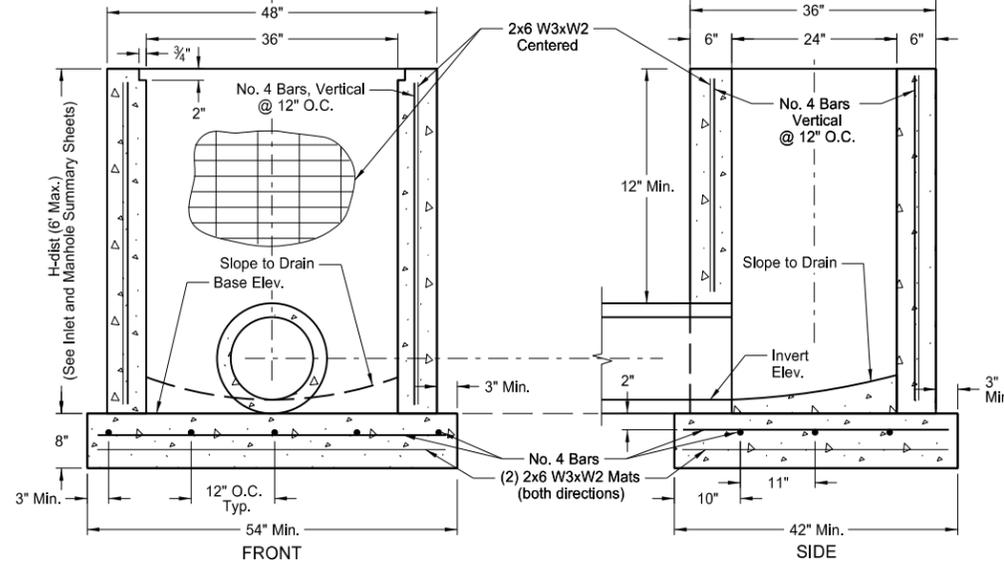
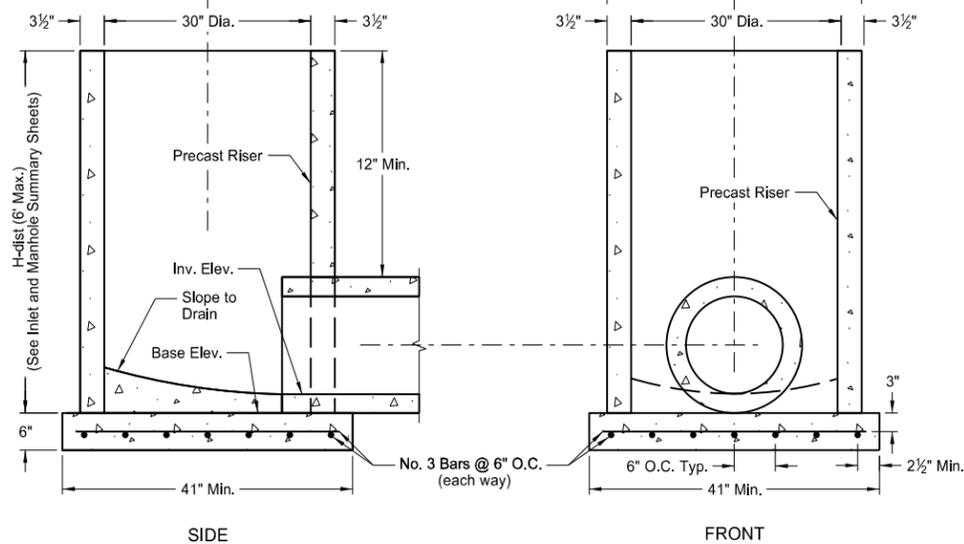


NOTES:

1. Drainage structure castings shall be manufactured in accordance with AASHTO M 306. Metal used in the manufacture of castings shall conform to the requirements of AASHTO M 105 Class 35B.
2. Other castings, similar in dimension, may be used if the casting conforms to the riser section and has the grate style specified on the plans. If modifications to the inlet riser are required to accommodate the similar casting, the contractor must receive written approval from the engineer.
3. Type A precast risers shall be constructed in accordance with AASHTO M 199. Type B precast risers shall be constructed in accordance with ASTM C858.
4. Precast concrete bases shall be constructed in accordance with AASHTO M 199 and shall be reinforced as shown.
5. The contractor shall have the option of using precast or cast-in-place bases. Cast-in-place concrete shall be Class AE-3. Construction shall be in accordance with section 722 of the Standard Specifications.
6. On projects with P.C.C. pavement, all inlet risers shall be constructed 4 to 5 inches below final elevation and adjusted to final elevation after paving. Adjustment may be done with adjusting rings or cast-in-place concrete. All costs for this adjustment shall be included in the price bid for the inlet.

PAY ITEMS

- Inlet Mountable Curb - Type A ..... Ea.
- Inlet Mountable Curb - Type B ..... Ea.



RISER DETAILS

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
05-13-14	
REVISIONS	
DATE	CHANGE
07-07-14	Revision to Note 5

This document was originally issued and sealed by **TERRENCE R. UDLAND** Registration Number PE-2674, on 07/07/14, and the original document is stored at the North Dakota Department of Transportation