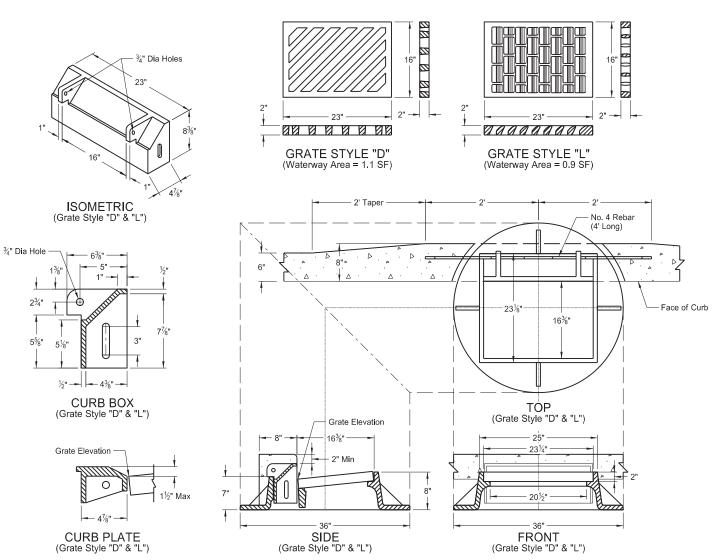
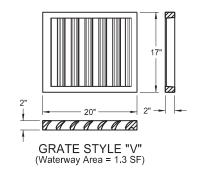
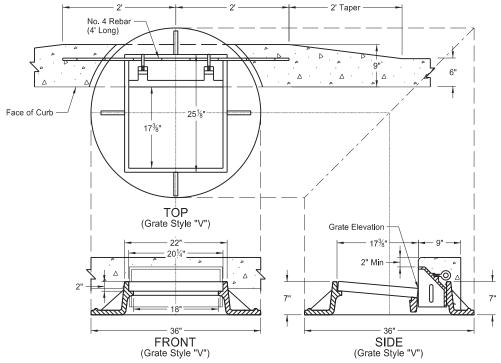
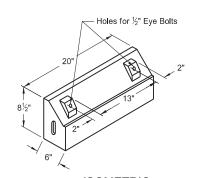


INLET - TYPE 1

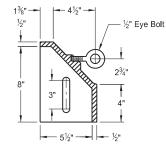




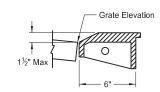




ISOMETRIC (Grate Style "V")



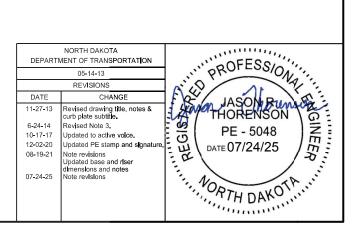
CURB BOX (Grate Style "V")

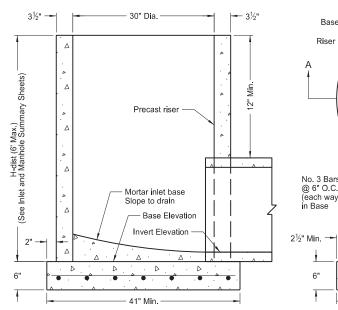


CURB PLATE (Grate Style "V")



- Use of other castings, similar in dimension, is allowed if the casting conforms to the riser section and has a grate style specified in the plans, meeting or exceeding the waterway area listed. Modifications to the inlet to facilitate similar castings are only allowed with written approval from the Engineer.
- Use castings manufactured in accordance with AASHTO M306. Use metal conforming to AASHTO M105 Class 35B in the manufacture of castings.
- 3. Use Class AE-3 concrete for precast or cast-in-place bases constructed in accordance with Section 722 of the NDDOT Standard Specifications.
- 4. Construct precast concrete base and riser in accordance with AASHTO M199. Include steel reinforcement as shown in the detail.
- 5. Use Grade 60 reinforcing steel that meets the requirements of Section 612 of the NDDOT Standard Specifications.
- Construct inlet risers 4 to 5 inches below final elevation and adjust to final grade using adjusting rings or cast-in-place concrete after paving. Include all costs for this adjustment in the price bid for the inlet.
- 7. Use curb plates in lieu of curb boxes when curb height at inlet is 4" or less.
- 8. Pipe shall be installed to extend a minimum of 2 inches beyond the inside face of the structure wall at each end. Payment will be based on the actual installed length of pipe between structures, measured end-to-end and rounded to the nearest whole foot.





ELEVATION

