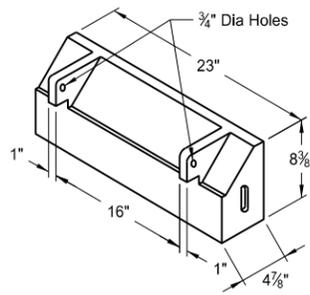
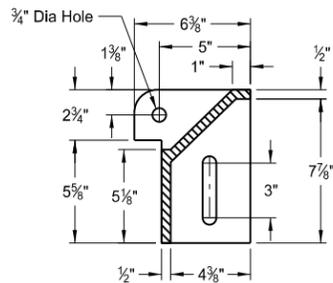


INLET - TYPE 1

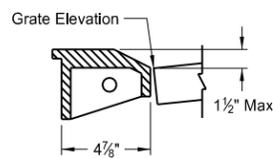
D-722-1



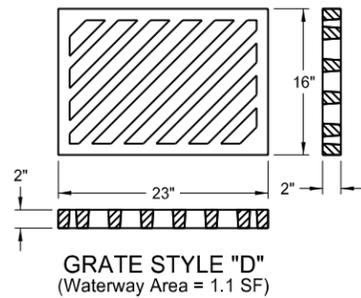
ISOMETRIC
(Grate Style "D" & "L")



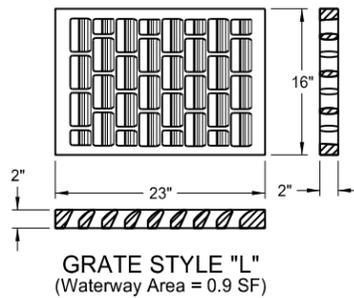
CURB BOX
(Grate Style "D" & "L")



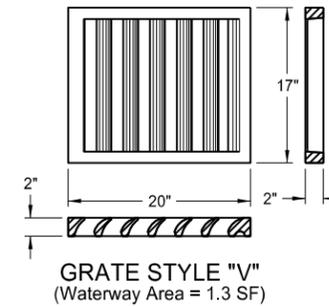
CURB PLATE
(Grate Style "D" & "L")



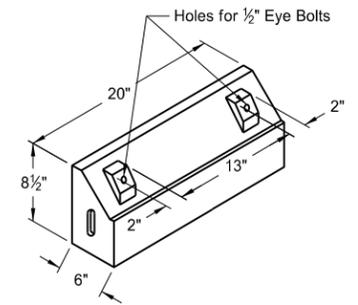
GRATE STYLE "D"
(Waterway Area = 1.1 SF)



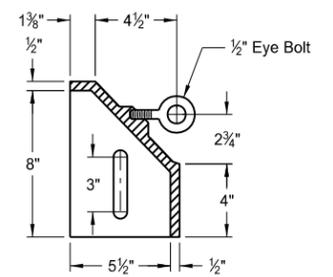
GRATE STYLE "L"
(Waterway Area = 0.9 SF)



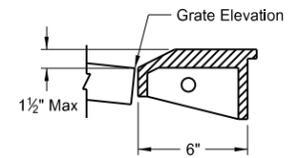
GRATE STYLE "V"
(Waterway Area = 1.3 SF)



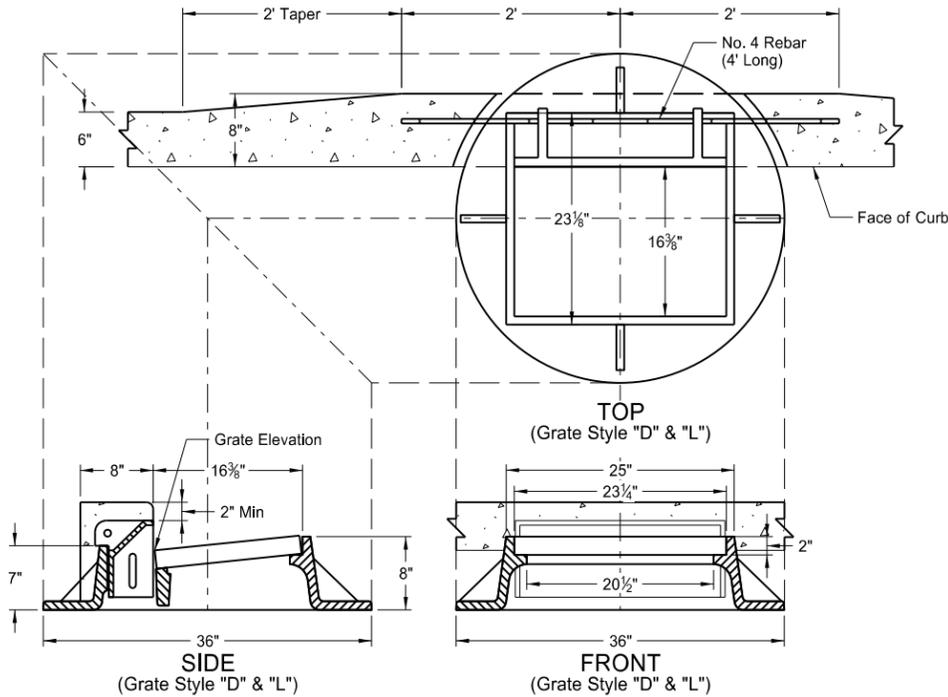
ISOMETRIC
(Grate Style "V")



CURB BOX
(Grate Style "V")



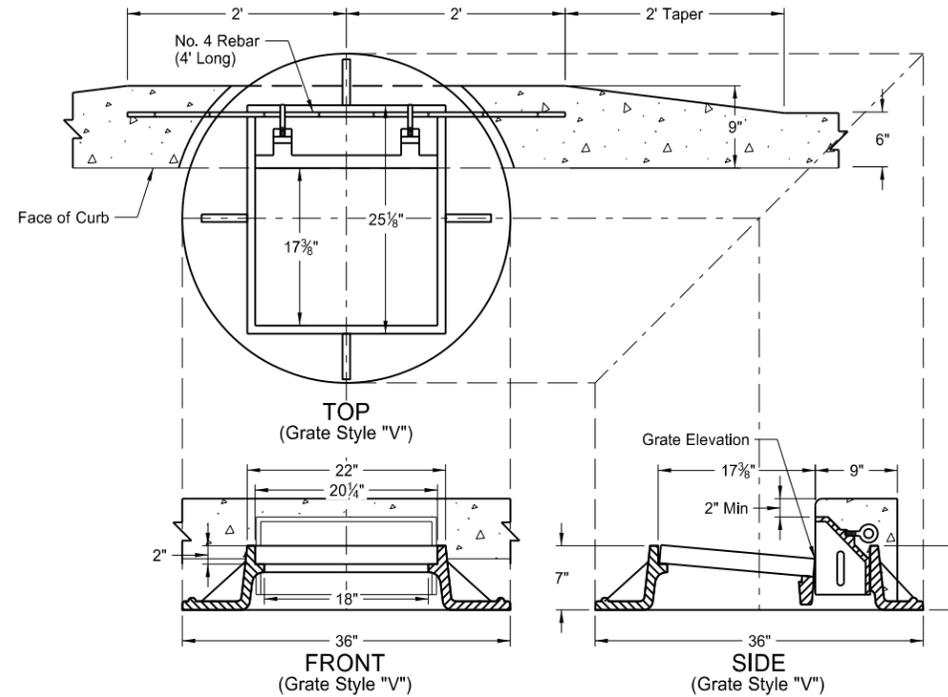
CURB PLATE
(Grate Style "V")



TOP
(Grate Style "D" & "L")

SIDE
(Grate Style "D" & "L")

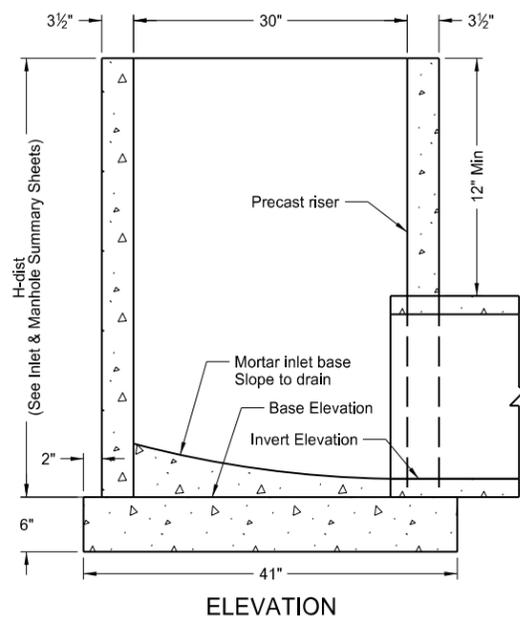
FRONT
(Grate Style "D" & "L")



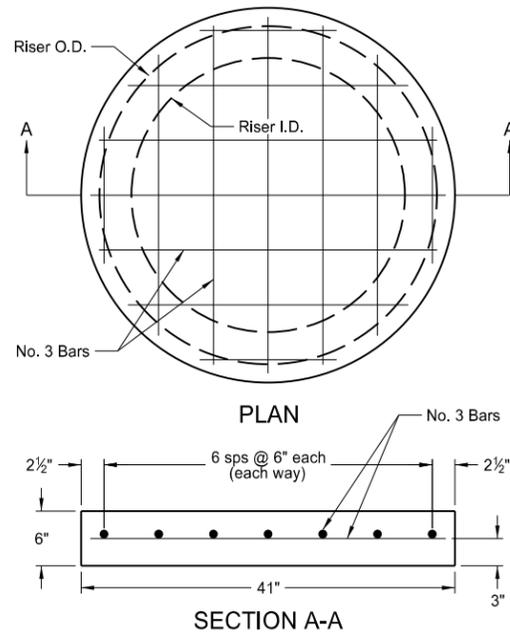
TOP
(Grate Style "V")

FRONT
(Grate Style "V")

SIDE
(Grate Style "V")



ELEVATION



PLAN

SECTION A-A

NOTES:

1. 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.
2. Use castings manufactured in accordance with AASHTO M306-09. Use metal conforming to AASHTO M105 Class 35 B in the manufacture of castings.
3. Use class AE-3 concrete precast or cast-in-place bases constructed in accordance with NDDOT Standard Specifications.
4. Construct precast concrete risers in accordance with AASHTO M199.
5. On projects with PCC pavement, construct inlet risers 4 to 5 inches below final elevation and adjust to final grade with adjusting rings or cast-in-place concrete after paving. Include all costs for this adjustment in the price bid for the inlet.
6. Use Grade 60 reinforcing steel.
7. Use curb plates in lieu of curb boxes when curb height at inlet is 4" or less.

| | |
|--|---|
| NORTH DAKOTA DEPARTMENT OF TRANSPORTATION | |
| 05-14-13 | |
| REVISIONS | |
| DATE | CHANGE |
| 11-27-13 | Revised drawing title, notes & curb plate subtitle. |
| 6-24-14 | Revised Note 3. |
| 10-17-17 | Updated to active voice. |

This document was originally issued and sealed by
Roger Weigel,
Registration Number
PE-2930,
on 10-17-2017 and the original document is stored at the North Dakota Department of Transportation