



NOTES:

- ① NEENAH CASTING "R-4232"
- ② SEE MnDOT PLATE NO. 4010 FOR CONCRETE SHORT CONE
- ③ SEE MnDOT PLATE NO. 4005 FOR MANHOLE BARREL DETAILS  
MANHOLE BARREL MAY BE CONSTRUCTED UTILIZING SOLID CONCRETE MH BLOCK  
INCORPORATING 3/16" HEAVY DUROWALL REINFORCEMENT EVERY SECOND COURSE
- ④ SEE MnDOT PLATE NO. 4011 FOR PRECAST CONCRETE BASE DETAILS
- ⑤ SEE MnDOT PLATE NO. 4143 FOR CONCRETE FRAME DETAILS
- ⑥ ALL CONCRETE INVERTS SHALL HAVE A MINIMUM OF 2" CONCRETE DEPTH WITH  
A MINIMUM SLOPE OF 1/4" PER FOOT TO OUTLET. FLOW LINES SHALL BE  
FORMED TO APPROXIMATE SHAPE OF THE LOWER 4" OF THE OUTLET PIPE.

DATE REVISED

05/13/13

DITCH INLET

PLATE NO.

1-05