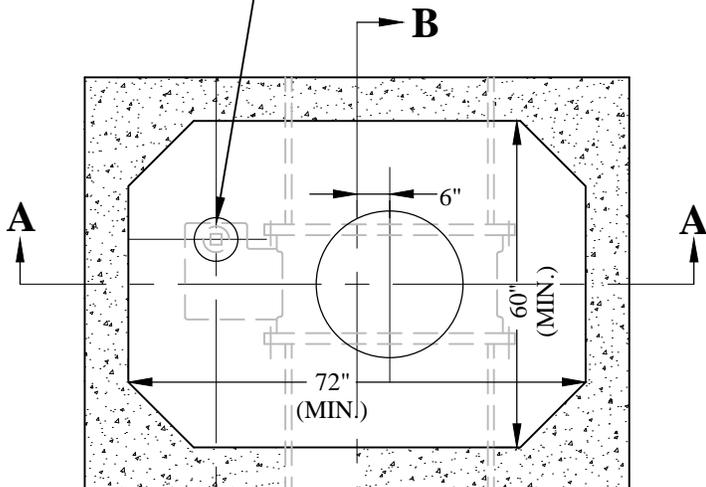


GATE VALVE ACCESS HOLE TO BE CORE DRILLED IN THE FIELD AFTER VALVE INSTALLATION (INCIDENTAL)



NOTES

1. EXTERNAL MANHOLE DIMENSIONS VARY BASED ON PRECAST REQUIREMENTS.
2. SEE PLANS FOR PIPE SIZE AND STRUCTURE ELEVATIONS.
3. ADJUSTING RING DEPTH VARIES FROM 4" (MIN) TO 18" (MAX). RING DEPTH MAY VARY FROM 1.5" TO 4". SEE MnDOT STD. PLATE 4026

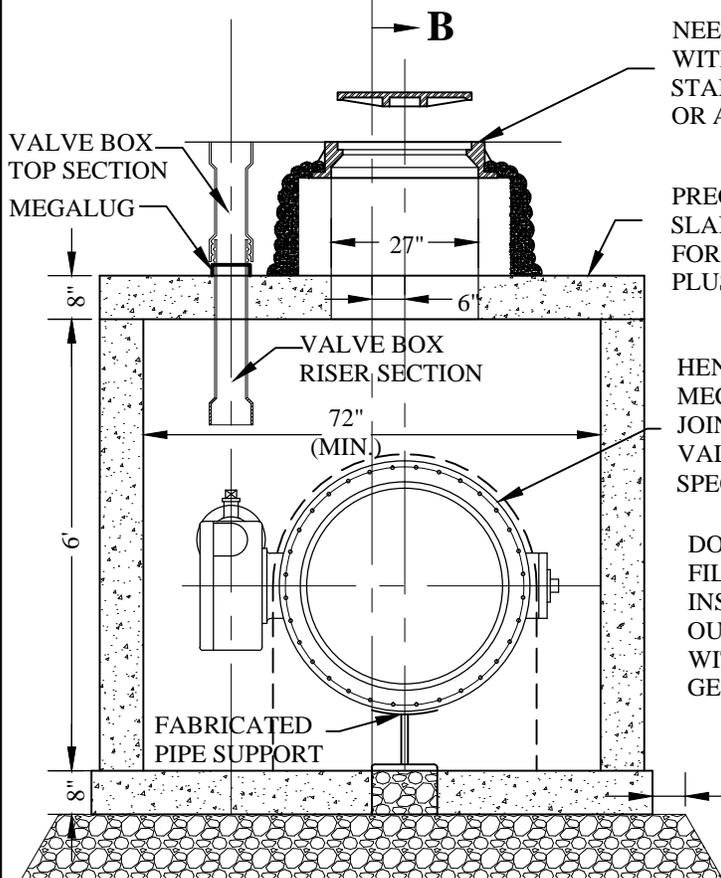
NEENAH CASTING R-1642-B WITH THE WORD "WATER" STAMPED ON THE COVER, OR APPROVED EQUAL.

PRECAST CONCRETE TOP SLAB WILL BE DESIGNED FOR AASHTO HS-25 LOADING PLUS DEAD LOAD

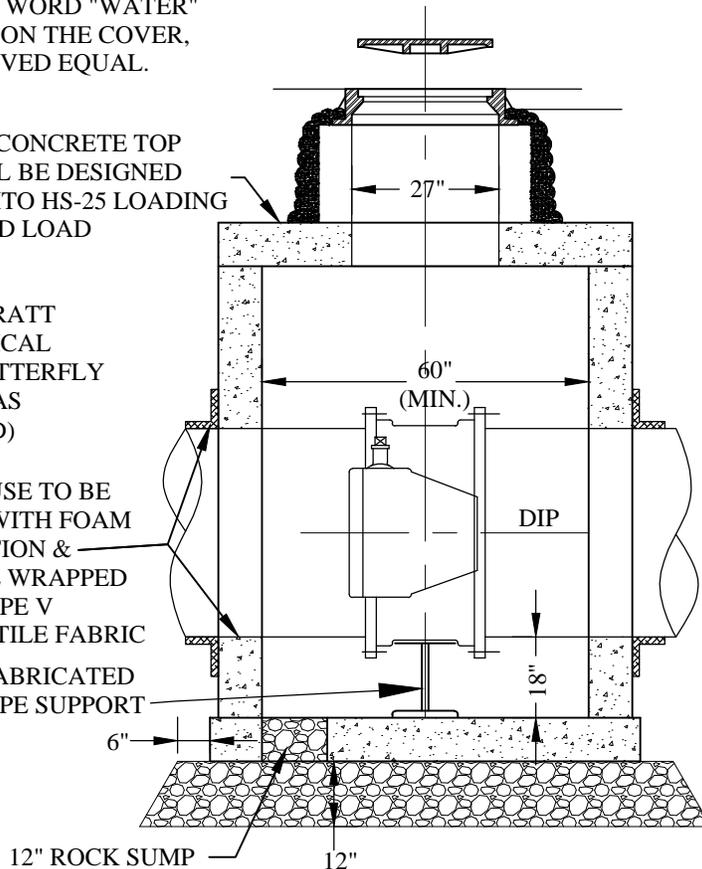
HENRY PRATT MECHANICAL JOINT BUTTERFLY VALVE (AS SPECIFIED)

DOGHOUSE TO BE FILLED WITH FOAM INSULATION & OUTSIDE WRAPPED WITH TYPE V GEOTEXTILE FABRIC

FABRICATED PIPE SUPPORT



SECTION A-A



SECTION B-B



CITY OF BURNSVILLE - ENGINEERING DEPT.
PRECAST BUTTERFLY VALVE MANHOLE

Plate No.	WM-7
Revision Date	11/2013
File Location:	S:\Details\english\Watermain\WM07-Butterfly_Valve_MH.dwg