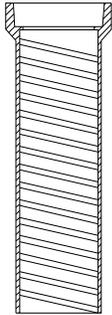




**DROP LID**  
 TYLER NO. 6850 OR 6860  
 MUELLER NO. H-10361  
 BIBBY-STE-CROIX NO. B-5160

**NOTE:**  
 ALL WATERMAIN BOLTS ARE TO BE  
 CORE-BLUE OR CITY APPROVED EQUAL.

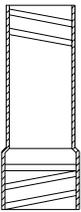
7.5' MINIMUM COVER REQUIRED  
 OVER TOP OF WATER MAIN.



**TOP - C.I.P.**  
 TYLER NO. 6850 26"  
 MUELLER NO. H-10361 26"

GRADE

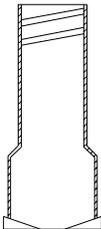
ADJUST TOP TO 1/2" BELOW  
 GRADE. BOX TO BE SET TO  
 PROVIDE 12" OF ADJUSTMENT.



**EXTENSION - D.I.P.**  
 TYLER NO. 58 14"  
 NO. 59 18"  
 NO. 60 24"  
 MUELLER NO. 58 14"  
 NO. 59 20"

TYLER NO. 6850  
 MUELLER NO. H-10357 GATE  
 VALVE BOX, SCREW TYPE, 3  
 PIECE, 5 1/4" SHAFT, SIZE G  
 BOX, 7'-6" EXTENDED.

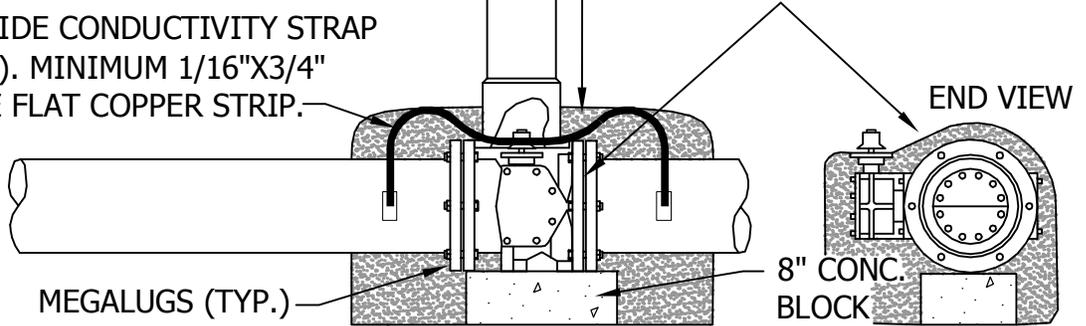
COURSE FILTER AGGREGATE  
 PER MNDOT SPEC. 3149.2H.  
 COVER WITH MINIMUM 4 MIL  
 THICKNESS POLYTHYLENE.



**BOTTOM - D.I.P.**  
 TYLER NO. 6850 65"  
 MUELLER NO. H-10361 65"

BUTTERFLY VALVE (12" OR  
 LARGER) DRESSER 450,  
 PRATT GROUNDHOG,  
 KENNEDY, OR EQUAL.

PROVIDE CONDUCTIVITY STRAP  
 (TYP.). MINIMUM 1/16"X3/4"  
 WIDE FLAT COPPER STRIP.



**STANDARD DETAILS**  
 BUTTERFLY VALVE AND BOX  
 INSTALLATION

COTTAGE GROVE, MINNESOTA

LAST REVISION:  
 JAN 2014

PLATE NO.  
 WAT-4