



**DROP LID**

Tyler

No. 6850

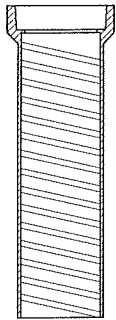
No. 6860

Mueller

No. H-10361



8.5' Minimum cover required over top of water main.



**TOP**

Tyler

No. 6860

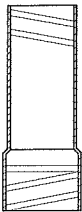
26"

Mueller

No. H-10361

26"

Adjust top to 1/4" below grade.  
Box to be set to provide 12" of adjustment.



**EXTENSION**

Tyler

No. 58

14"

No. 59

18"

No. 60

24"

Mueller

No. 58

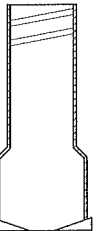
14"

No. 59

20"

Tyler No. 6850  
Mueller No. H-10357  
Gate valve box, screw type,  
3 piece, 5 1/4" shaft,  
size G box, 8'-6" extended.

Wrap gate valve & box with  
polyethylene pipe encasement  
material.



**BOTTOM**

Tyler

No. 6860

65"

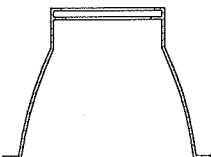
Mueller

No. H-10361

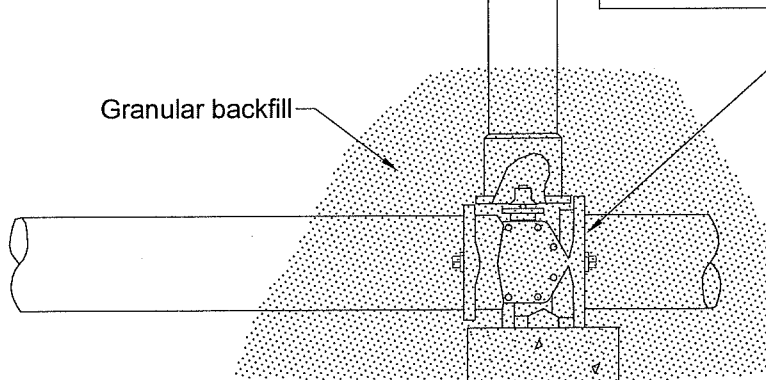
65"

Butterfly Valve (14" or larger) Dresser  
450, Pratt Groundhog, Kennedy, or  
equal.

**BASE**

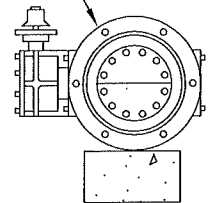


Granular backfill



8" Concrete block

End View



MADETAI PLATESWAT\_4.dwg

City Plate No.:  
WAT-4

Last Revision:  
11/10/2009

File:  
WAT\_4.dwg

**STANDARD DETAILS  
BUTTERFLY VALVE AND BOX  
INSTALLATION**

**City of Minot**  
ENGINEERING DEPARTMENT