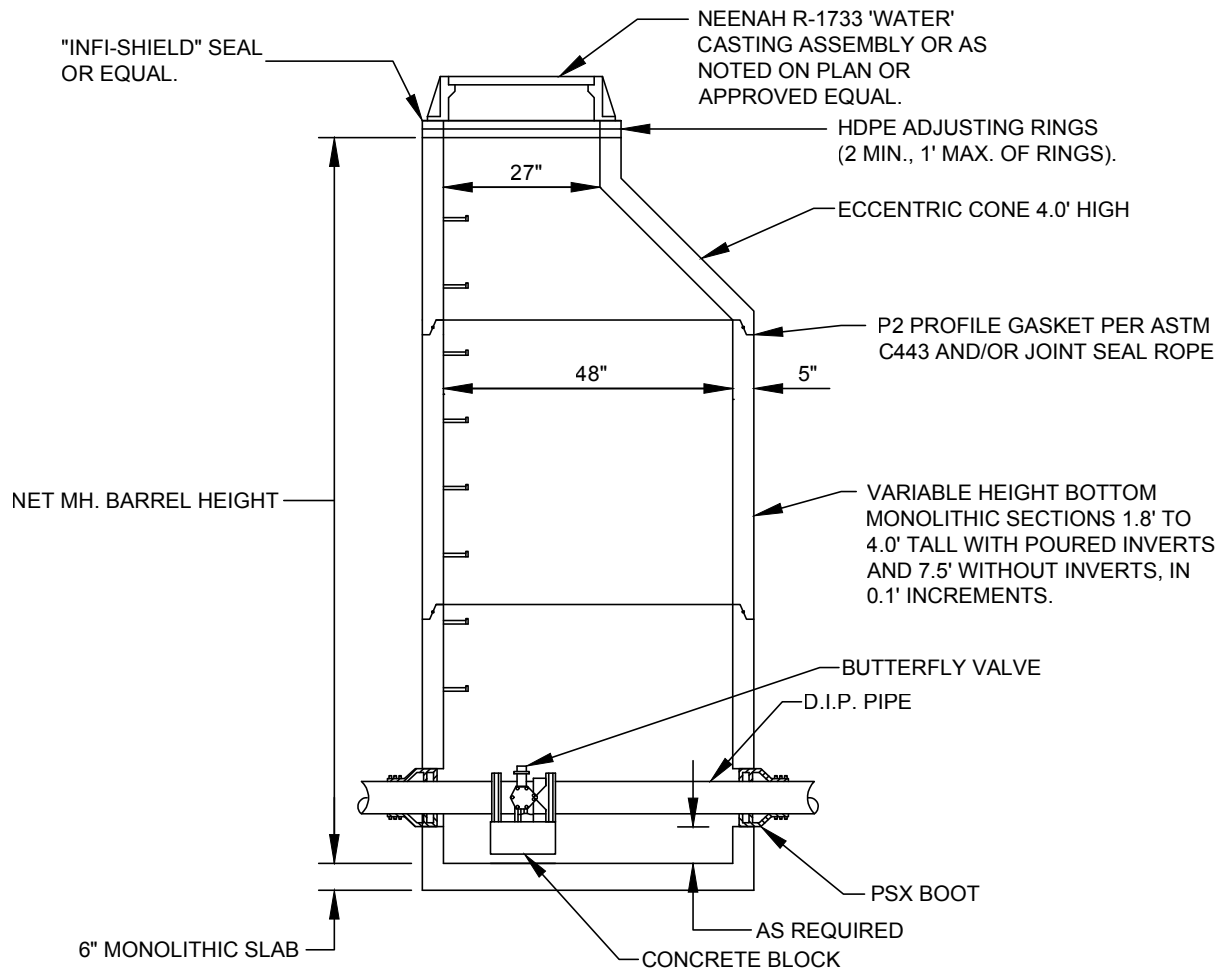


BUTTERFLY VALVE SIDE VIEW

NOTES:

1. NO WOOD SHALL BE USED FOR ADJUSTING CASTING.
2. CAST IRON FRAME AND COVER AS PER SPECIFICATIONS.
3. MANHOLE STEPS SHALL BE ALUMINUM, OR STEEL REINFORCED PLASTIC PER ASTM C478.
4. PRECAST REINFORCED CONCRETE MANHOLE SECTIONS PER ASTM C478 FURNISHED WITH O-RING GASKETS AND LUBRICANT EXCEPT AS OTHERWISE SPECIFIED. LIFT HOLES NOT PERMITTED IN MANHOLE SECTIONS.
5. PIPE CONNECTIONS TO MANHOLE SHALL BE MADE WATER TIGHT BY CAST IN PLACE RUBBER BOOT AND CEMENT MORTAR. INSIDE SURFACE SHALL BE FINISHED SMOOTH.
6. BUTTERFLY VALVES SHALL BE USED ON 16" DIA. WATER MAIN AND LARGER.
7. ALL BUTTERFLY VALVES TO OPEN COUNTER-CLOCKWISE.
8. VALVES SHALL BE KENNEDY, MUELLER, DRESSER 450, PRATT "GROUNDHOG", OR APPROVED EQUAL.

DESIGN:	DATE: 7/19/18
DRAWN:	DRT
REVISIONS	6/06/19



ENGINEERING DEPARTMENT

BUTTERFLY VALVE MANHOLE

PLATE
NUMBER

W-9