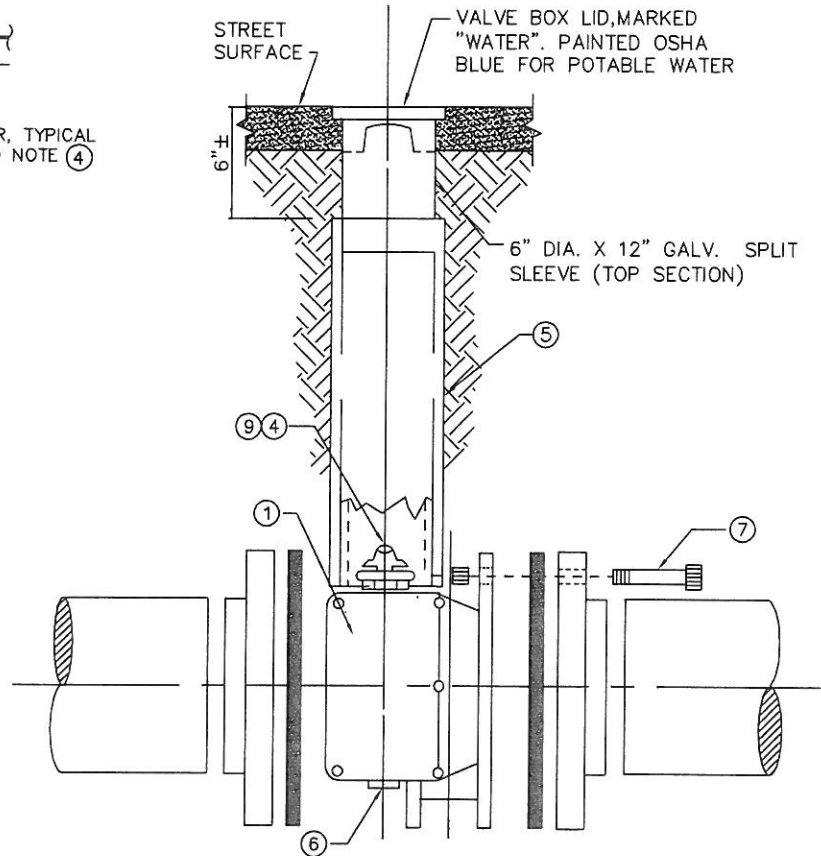


BUTTERFLY VALVE OPERATOR POSITIONS



NOTES

- ① ALL VALVES SHALL BE CLASS 150-B RUBBER SEAT TIGHT CLOSING TYPE MEETING OR EXCEEDING A.W.W.A. STANDARD C-504.
- ② THE VALVE BODY SHALL BE SHORT BODY TYPE, CAST IRON CONFORMING TO A.S.T.M. A-126, CLASS B.
- ③ THE RUBBER VALVE SEAT SHALL BE MECHANICALLY SECURED BY A STAINLESS STEEL RING CONFORMING TO A.S.T.M. A-276, TYPE 304, 18-B.
- ④ THE OPERATING NUT SHALL BE A 2-INCH MANUAL OPERATOR, THE OPERATING NUT SHALL TURN COUNTER CLOCKWISE AND BE PLACED NORTH OR WEST OF THE WATER MAIN CENTERLINE.
- ⑤ INSTALL A VALVE BOX PER STD. DWG. 4005.
- ⑥ FLANGED BUTTERFLY VALVE (SIZE PER PLAN) OR APPROVED EQUAL.
- ⑦ BOLTS AND NUTS SHALL BE STAINLESS STEEL ASTM A307 GR. A OR B WITH COARSE SCREW THREADS, SERIES CLASS 2A AND 2B IN ACCORDANCE.
- ⑧ BUTTERFLY VALVE TO BE USED ON WATERLINES 14" OR GREATER.
- ⑨ SEE STD. 4110 FOR VALVE OPERATOR EXTENSION REQUIREMENTS.



APPROVED BY:		11-22-10	
<i>Louis Abi-Younes</i>		44485	
LOUIS ABI-YOUNES, CITY ENGINEER		RCE	DATE
RECOMMENDED:		10/25/10	
<i>Scott Burton</i>		57875	
SCOTT BURTON, UTILITIES ENG/OPERATIONS DIRECTOR		RCE	DATE
REV	DESCRIPTION	BY	APP'D DATE

CITY OF ONTARIO

BUTTERFLY VALVE
AND BOX

STANDARD
DRAWING
NUMBER

4006