



- NOTES:
1. ALL DIMENSIONS SHOWN IN INCHES.
 2. "D" DIMENSION $\pm 1/8$ " FOR 24" AND LARGER VALVES.
 3. FOR BOLTS SMALLER THAN $\phi 1-3/4$, BOLT HOLES WILL BE $1/8$ " LARGER THAN DIAMETER OF BOLT. FOR BOLTS $\phi 1-3/4$ OR LARGER, BOLT HOLES WILL BE $1/4$ " LARGER THAN DIAMETER OF BOLT.
 4. DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
 5. VALVES MANUFACTURED & TESTED IN ACCORDANCE WITH AWWA SPECIFICATION C-504 LATEST REVISION, CLASS 250B.
 6. RECOMMENDATION FOR MATING FLANGES: WHERE INSULATING BUSHINGS ARE USED, IT IS NECESSARY THAT BOLT HOLES BE DRILLED OVERSIZE BY AN AMOUNT EQUAL TO TWO TIMES THE INSULATING SLEEVE THICKNESS TO MAINTAIN THE SAME MINIMUM CLEARANCE FOR BOLTS.
 7. CAUTION: IT IS RECOMMENDED THAT VALVES BE INSTALLED INTO PIPING SYSTEM IN ACCORDANCE WITH AWWA M-11 TO PREVENT ANY UNDUE PIPING STRESS, DEFLECTION OR BENDING THAT MAY AFFECT THE PERFORMANCE OF THE VALVE.
 8. EXTENSION STEM CAN BE USED WITH STANDARD VALVE BOXES OR 5" SOIL PIPE

VALVE SIZE	A	B	C	D	E	F	G
24	18-5/8	18-3/8	32	8	1-7/8	20/1-1/4	29-1/2
30	21-1/2	24-1/8	38-3/4	12	2-1/8	28/1-1/4	36
36	25-7/16	28	46	12	2-7/16	32/1-1/2	42-3/4
42	29-7/8	32-11/16	53	12	2-5/8	36/1-1/2	49-1/2
48	34-1/16	36-7/8	59-1/2	15	2-3/4	44/1-1/2	56

ACTUATOR SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	44
MDT-5S	8-5/16	3-15/16	5-1/2	3-5/8	10-1/2	15-15/16	19-7/8	136
MDT-6S	10-3/16	5-1/16	7	8-1/4	12-5/8	14-3/16	26-1/2	215

3	5-25-217	CHANGED TITLEBLOCK AND TITLE	LF	JWP
2	12-15-16	REVISED MDT-6S "2" REVISED MDT-5S "1"	JMD	RF
1	9-21-09	36 E WAS 2-3/8	SK	RCB
REV	DATE	DESCRIPTION	DWN	APP

Mueller Co.

GENERAL ARRANGEMENT DRAWING
LINESEAL XPII 250B BUTTERFLY VALVE
24"-48", FLANGED ENDS
MDT W/ BURIED SERVICE NUT

SCALE NONE DATE 1-30-09
DRAWN BY CEM CHECKED BY JR
APPROVED GA=BORDER
DRWG. NO. GA-11867MS REV 3