



NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION $\pm 1/8$ ".
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 & DRILLING OF MECHANICAL JOINT ENDS CONFORM TO ANSI/ AWWA C111/ A21.11
5. CAUTION: IT IS RECOMMENDED THAT VALVES BE INSTALLED INTO THE PIPING SYSTEM IN ACCORDANCE WITH AWWA M-11 IN ORDER TO PREVENT ANY UNDUE PIPING STRESS, DEFLECTION OR BENDING THAT MAY EFFECT THE PERFORMANCE OF THE VALVE.
6. EXTENSION STEM CAN BE USED WITH STANDARD VALVE BOXES OR 5" SOIL PIPE.

OPTIONAL EXTENSION STEM ARRANGEMENT

VALVE SIZE	A	B	C	D	E	F	G	X
6	7-1/4	8-3/8	11-1/16	10	1-1/16	6--3/4	9-1/2	5
8	8-1/2	9-5/8	13-5/16	10	1-1/8	6--3/4	11-3/4	5
10	9-3/4	11	15-5/8	10	1-3/16	8--3/4	14	5
12	11-1/2	12-5/8	17-7/8	10	1-1/4	8--3/4	16-1/4	5
14	12-3/4	13-7/8	20-1/4	12-1/2	1-5/16	10--3/4	18-3/4	5-1/2
16	14	15-1/8	22-1/2	12-1/2	1-3/8	12--3/4	21	5-1/2
18	15-1/4	16-3/8	24-3/4	13-1/4	1-7/16	12--3/4	23-1/4	6-1/4
20	17	17-5/8	27	13-1/4	1-1/2	14--3/4	25-1/2	6-1/4
24	19-3/4	20-1/4	31-1/2	13-1/4	1-5/8	16--3/4	30	6-1/4
30	25-5/8	25-1/2	39	18	1-13/16	20--1-1/8	36-7/8	10
36	28-1/8	30-5/8	45-7/8	22	2	24--1-1/8	43-3/4	14

ACTUATOR SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-2S	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	32
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10-7/16	17	44
MDT-5S	8-5/16	3-15/16	5-1/2	3-5/8	10-1/2	15-15/16	18-5/8	136
MDT-6S	10-3/16	5-1/16	7	8-1/4	12-5/8	18-9/16	26-1/2	215

REV	DATE	DESCRIPTION	DWN	APP
4	10/13/16	CORRECTED TITLE MDT WAS MTD	MZ	SS
3	09/12/16	REVISED FLOW DIRECTION NOTE	SAD	SS
2	05/15/15	ADDED VALVES SIZES 30 & 36 ADDED MDT 5 & 6S	AMJ	RF
1	01/28/10	2-27/32 WAS 3-7/16; 3-15/32 WAS 3-1/2	MZ	CEM

PRATT

TRITON HP-350 MECHANICAL JOINT ENDS
MDT
BURIED SERVICE ACTUATOR

SCALE NONE DATE 11/19/09

DRAWN BY AA CHECKED BY JR

APPROVED GA-BORDER

DRWG. NO. GA-12070 REV 4 AC