

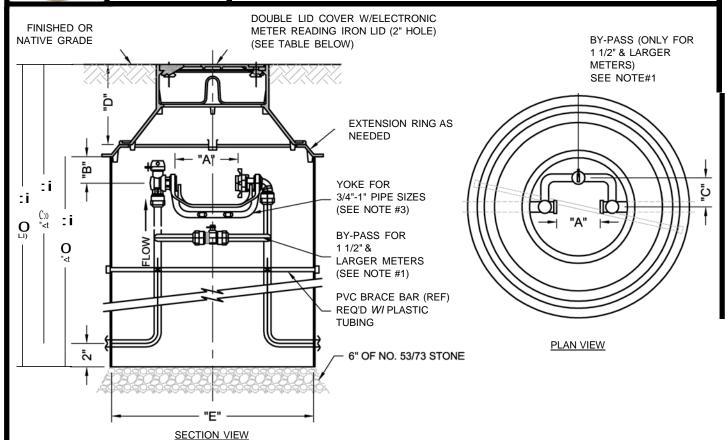
City Utilities Design Standards Manual

EXHIBIT MA7-4

FORD TYPE PIT INSTALLATION FOR POSITIVE DISPLACEMENT, STANDARD COMPOUND, & TURBO METERS (SIZES 5/8", 5/8" X 3/4", 3/4", 1", 1 1/2", & 2")

Created: January 1, 2002 Revised: June 12, 2014

Approved: Scale: N.T.S.



"A" = SPACE REQUIRED FOR METER FROM FACE OF FLANGES OR FOR METER YOKE

"B" = DISTANCE FROM 'i OF PIPING TO TOP OF PIT CASING

"C" = DISTANCE FROM 'i OF PIPING TO 'i OF BY-PASS

"D" = METER COVER HEIGHT

"E" = METER PIT INSIDE DIAMETER

NORMAL PIPE SIZE	METER SIZE	METER COVER MODEL	μAII	⊧Bit	C.'	"D.,	ItE"
3/4"	5/8"	W3-T	7 1/2"	4"-5" MIN.	4"-5" MAX.	9 1/2"	20"
3/4"	5/8" X 3/4"	W3-T	7 1/2"	4"-5" MIN.	4"-5" MAX.	9 1/2"	20"
3/4"	3/4"	W4-T	9 1/2"	4"-5" MIN.	4"-5" MAX.	12"	24"
1"	1"	W4-T	11"	4"-5" MIN.	4"-5" MAX.	12"	24"
11/2"	1 1/2"	MC-36-MB	13"	14"-15" MIN.	6"-7" MAX.	8"	36"
2"	2"COMPOUND	MC-36-MB	15 1/4"	14"-15" MIN.	6"-7" MAX.	8"	36"
2"	2"TURBO	MC-36-MB	10"	14"-15" MIN.	6"-7" MAX.	8"	36"

NOTES:

- ALL INSTALLATIONS 1 1/2" AND LARGER SHALL BE EQUIPPED WITH INLET, OUTLET, AND BY-PASS VALVES WITH THE EXCEPTION OF METERS DEDICATED EXCLUSIVELY TO IRRIGATION. IRRIGATION METERS SHALL HAVE INLET AND OUTLET VALVES IN THE PIT.
- ALL METER SPACES (SPACE "A") SHALL BE CENTERED WITH PIT LID OPENINGS.
- ALL 3/4"- 1" PIPE SIZES SHALL BE EQUIPPED WITH METER YOKES AND CORRESPONDING SIZES OF STANDARD EXPANSION
- ALL 1 1/2" 2" PIPE SIZES SHALL BE WITH TWO-BOLT FLANGES.
- 5. BY-PASS SHALL BE LOCATED TO EITHER SIDE OF METER ONLY AND MAY BE ONE SIZE SMALLER THAN MAIN LINE.
- METER COVER LIDS SHALL EMPLOY PENTAGON NUT TO OPEN AND CLOSE LID. 6.
- ALL METER PITS SHALL BE EQUIPPED WITH A FORD FROST-PROOF LID (SEE TABLE) OR APPROVED EQUAL. 7.
- THE TYPE OF METER FOR 2" METERS SHALL BE DETERMINED BY UTILITY.
- NO METER PITS SHALL BE INSTALLED IN STREETS, PARKING LOTS, DRIVEWAYS OR ANY AREA WHERE VEHICULAR TRAFFIC MAY OCCUR WITHOUT PRIOR APPROVAL BY THE UTILITY.