

EO-13977-C

REVISIONS

M.BALDOVIN 4/7/99 11
 CHG'D. TO AUTOCAD FROM B TO C SIZE AND METER WEIGHT DELETED METER TYPE RM2000 RM3000, RM5000 MR7000, MR11000 C.W. 4/7/99

M.BALDOVIN 5/4/00 12

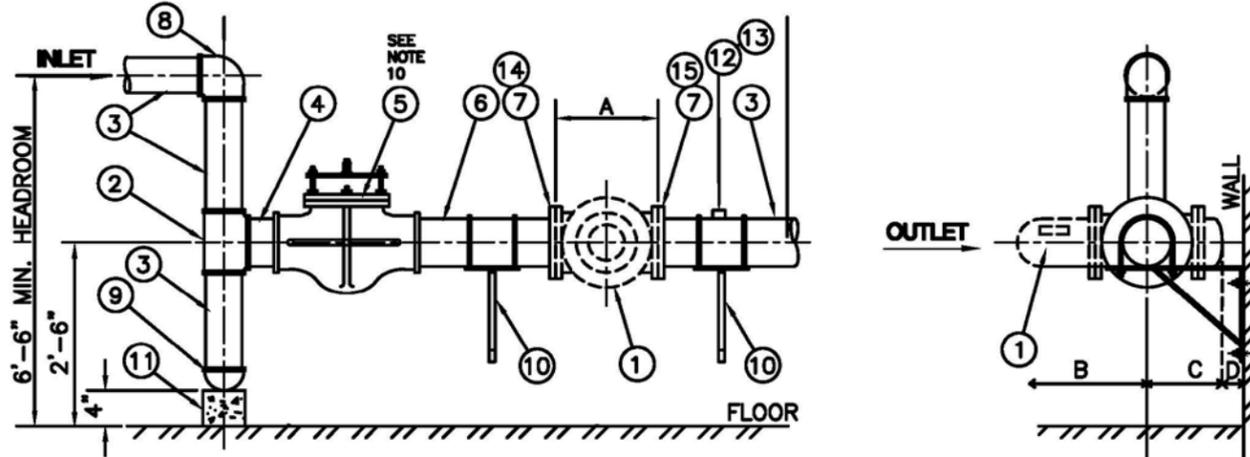
RESUBMIT FOR RECORD PURPOSE, ADDED 6'-6" & 2'-6" DIM. C.W. 5/4/00

K. LOOK 2/14/08 13

REVISED TITLE TO INCLUDE 38,000R REVISED METER TABLE AND BILL OF MATERIAL. P.T. 2/13/08

G. LUDWIG 3/1/12 14

ADDED ITEMS 14 & 15 AND NOTE 11. D.J. 3/1/12



NOTES:

1. ALL MATERIALS TO BE FURNISHED AND INSTALLED BY THE CUSTOMER EXCEPT FOR THE METERS AND GASKETS WHICH WILL BE FURNISHED AND INSTALLED BY THE COMPANY.
2. ALL PIPE TO BE INSTALLED PLUMB AND LEVEL.
3. DO NOT INCLUDE REGULATORS OR METERS IN PRESSURE TESTS. USE METER SPOOL PIECES AS DEPICTED. LEAVE PIPE BLANK FLANGED PRIOR TO METER INSTALLATION.
4. INSTALLATIONS WITH VOLUME CORRECTORS SHOULD HAVE 24" MINIMUM CLEARANCE ON TOP OF THE METER.
5. INSTALL PIPE SUPPORTS AS DEPICTED AND AS NEEDED. REFER TO SPEC. G-695. INSULATING MATERIAL MUST BE INSTALLED BETWEEN PIPE SUPPORTS AND THE PIPE TO ENSURE THAT THE PIPE NEVER MAKES CONTACT WITH THE PIPE SUPPORTS. PIPE SUPPORTS SHALL NOT BE WELDED TO METER/DISTRIBUTION PIPING.
6. PRESSURE TEST TO BE CONDUCTED BASED ON THE "REQUIREMENTS FOR GAS SERVICE INSTALLATION" BOOK.
7. WHERE PRESSURE ABOVE 12" W.C. IS DELIVERED, DISTRIBUTION PIPING MUST MEET WELDING REQUIREMENTS OF THE NYC BUILDING CODE OR OTHER AUTHORITY HAVING JURISDICTION.
8. WHERE SERVICE PIPE IS BURIED STEEL, INSTALL INSULATING KIT ON OUTLET OF FLANGED SERVICE HEAD VALVE, OR INSULATING COUPLING BETWEEN SCREWED SERVICE HEAD VALVE AND METERS.
9. REFER TO "REQUIREMENTS FOR GAS SERVICE INSTALLATION" BOOK.
10. FOR 6" METER PIPING, A FLANGED VALVE IS REQUIRED. INSTALL WITH ITEM 7.
11. GASKET MATERIAL SHALL BE GARLOCK 3000 (1/16" THICK). GASKET STRAINER CONTAINS A 60 MESH STAINLESS STEEL SCREEN.

METER CLASS	METER TYPE	PIPE SIZE	FLANGE TO FLANGE A	LEFT TO RIGHT FLOW			RIGHT TO LEFT FLOW		
				B	C	D-MINIMUM	B	C	D-MINIMUM
3000R	RM3000TC	2"	6.75"	11.90"	5.58"	6.00"	5.58"	11.90"	6.00"
	RM3000TCID	2"	6.75"	8.90"	5.58"	6.00"	5.58"	8.90"	9.00"
	3M175TC	2"	6.75"	13.00"	6.25"	6.00"	6.25"	13.00"	6.00"
	3M175TCID	2"	6.75"	14.72"	6.25"	6.00"	6.25"	14.72"	9.00"
5000R	RM5000TC	3"	6.75"	13.62"	7.30"	6.00"	7.30"	13.62"	6.00"
	RM5000TCID	3"	6.75"	10.63"	7.30"	6.00"	7.30"	10.63"	9.00"
	5M175TC	3"	6.75"	14.44"	7.69"	6.00"	7.69"	14.44"	6.00"
	5M175TCID	3"	6.75"	16.12"	7.69"	6.00"	7.69"	16.12"	9.00"
7000R	RM7000TC	3"	9.50"	13.48"	6.91"	6.00"	6.91"	13.48"	6.00"
	RM7000TCID	3"	9.50"	10.27"	6.91"	6.00"	6.91"	10.27"	9.00"
	7M175TC	3"	9.50"	13.44"	6.50"	6.00"	6.50"	13.44"	6.00"
	7M175TCID	3"	9.50"	15.09"	6.50"	6.00"	6.50"	15.09"	9.00"
11000R	RM11000TC	4"	9.50"	15.85"	9.28"	6.00"	9.28"	15.85"	6.00"
	RM11000TCID	4"	9.50"	12.64"	9.28"	6.00"	9.28"	12.64"	9.00"
	11M175TC	4"	9.50"	15.22"	8.28"	6.00"	8.28"	15.22"	6.00"
	11M175TCID	4"	9.50"	16.91"	8.28"	6.00"	8.28"	16.91"	9.00"
16000R	RM16000TC	4"	9.50"	16.41"	9.84"	6.00"	9.84"	16.41"	6.00"
	RM16000TCID	4"	9.50"	13.20"	9.84"	6.00"	9.84"	13.20"	9.00"
	16M175TC	4"	9.50"	17.56"	10.63"	6.00"	10.63"	17.56"	6.00"
	16M175TCID	4"	9.50"	19.53"	10.63"	6.00"	10.63"	19.53"	9.00"
23000R	RM23000TC	4"	9.50"	18.41"	11.84"	6.00"	11.84"	18.41"	6.00"
	RM23000TCID	4"	9.50"	15.20"	11.84"	6.00"	11.84"	15.20"	9.00"
	23M175ID	6"	16.00"	20.75"	12.25"	6.00"	12.25"	20.75"	9.00"
38000R	RM38000ID	6"	16.00"	14.72"	11.20"	6.00"	11.20"	14.72"	9.00"
	38M175ID	6"	18.00"	23.22"	14.97"	6.00"	14.97"	23.22"	9.00"

SHADED INDICATES CURRENTLY - PURCHASED METERS
 UNSHADED INDICATES FOR INFORMATION ONLY

BILL OF MATERIALS							
ITEM	DESCRIPTION	SPEC/STD	SIZE				
			3000R	5000R/ 7000R	11000R/16000R RM23000TC/ RM23000TCID	23000R 23M175ID	38000R
1	GAS METER	SPEC G-48					
2	TEE, M.I.150#	ANSI B16.3	2"	3"	4"	6"	6"
3	PIPE, STEEL, STD	G-8107	2"	3"	4"	6"	6"
4	NIPPLE, STEEL, STD	G-8107	2"x4"	3"x4"	4"x6"	6"x8"	6"x8"
5	METER VALVE, LUBRICATED PLUG	*	2"	3"	4"	6"	6"
6	NIPPLE, STEEL, STD	G-8107	2"x8"	3"x8"	4"x8"	6"x8"	6"x8"
7	FLANGE, STEEL, FLAT FACED, SCREWED, 150#	ANSI B 16.5	2"	3"	4"	6"	6"
8	ELBOW, 90, M.I., 150#	ANSI B 16.3	2"	3"	4"	6"	6"
9	CAP, SCREWED, M.I., 150#	ANSI B 16.3	2"	3"	4"	6"	6"
10	PIPE SUPPORTS	SPEC G-695	REFER TO SPEC G-695				
11	BLOCK, CONCRETE, SOLID	-	6"x6"x4"				
12	6"x1" THREADOLET	ANSI B 16.9	FOR RM38000ID, 23M175ID AND 38M175ID METERS ONLY				
13	PIPE PLUG, 1" STEEL SQUARE HEAD	ANSI B 16.14	FOR RM38000ID, 23M175ID AND 38M175ID METERS ONLY				
14	M" X 1/16" 150 LB. FULL FACE GASKET STRAINER (SEE NOTE 11)	G-8220	2"	3"	4"	6"	6"
15	M" X 1/16" 150 LB. FULL FACE GASKET (SEE NOTE 11)	-	2"	3"	4"	6"	6"

* SEE "REQUIREMENTS FOR GAS SERVICE INSTALLATIONS" BOOK.

SPEC. NO. G-641

INSTALLATION OF METER PIPING FOR CLASS 3000R TO 38000R ROTARY GAS METERS - INDOORS

CONSOLIDATED EDISON COMPANY OF N.Y., INC. GAS OPERATIONS DEPT.

DATE 12/20/71 DWG. NO. EO-13977-C REV.1 4
 LAST REV. 3/1/12

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO.3 GAS SERVICE BOOK