

139998

REVISIONS

K.LOOK 2/14/08 0

NEW DRAWING

P.T 2/13/08

G. LUDWIG 3/1/12 1

ADDED ITEMS 14 & 15 AND NOTE 11.

D.J. 3/1/12

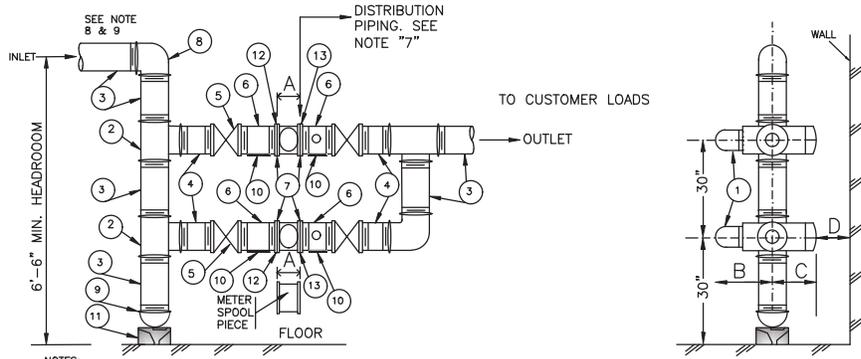
G. LUDWIG 4/14/15 2

REVISED TITLE, BILL OF MATERIALS, AND NOTES. DELETED 6" METERS.

M. BURR 5/6/25 3

ADDED NOTE 11 & 12 CHANGED NOTE 5 TO INCLUDE INSULATING MATERIAL

R.R. 5/6/25



NOTES:

1. ALL MATERIALS TO BE FURNISHED AND INSTALLED BY THE CUSTOMER EXCEPT FOR THE METERS AND METER 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 MUST HAVE 24" MINIMUM CLEARANCE ON TOP OF THE METER.
5. INSTALL PIPE SUPPORTS AS DEPICTED AND AS NEEDED. INSULATING MATERIAL MUST BE INSTALLED BETWEEN THE CONCRETE BLOCK PIPE SUPPORT AND THE PIPE TO BE SUPPORTED, SO THAT THE PIPE NEVER MAKES CONTACT WITH THE SUPPORT.
6. PRESSURE TEST TO BE CONDUCTED BASED ON THE YELLOW BOOK.
7. DISTRIBUTION PIPING EXCLUDING METER PIPING MUST MEET ALL WELDING, SPECIAL INSPECTION, AND RADIOGRAPHY REQUIREMENTS OF THE NYC BUILDING CODE OR OTHER AUTHORITY HAVING JURISDICTION.
8. FOR CON EDISON LOW PRESSURE SYSTEMS, AN INSULATED COMPRESSION COUPLING OR FLANGE INSULATING KIT AS APPROPRIATE SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE HEAD OF SERVICE VALVE. FOR CON EDISON MEDIUM AND HIGH PRESSURE SYSTEMS, AN INSULATED COMPRESSION COUPLING OR FLANGE INSULATING KIT SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE REGULATOR.
9. FOR INSTALLATIONS HAVING BRANCH LINES THAT ARE SEPARATELY METERED AND/OR SEPARATELY REGULATED, REFER TO SPEC G-703 FOR PIPE SIZING REQUIREMENTS.
10. GASKET MATERIAL SHALL BE GARLOCK 3000 (1/16" THICK). GASKET STRAINER TO CONTAIN A 60 MESH STAINLESS STEEL SCREEN.
11. REFER TO EO-17118 REGULATOR VENT INSTALLATION AS REQUIRED.
12. SEE DWG. 507003 FOR GREATER THAN 4" PIPE SIZE METER CLASS 23000R & 38000R ROTARY GAS METERS.

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"

SHADED INDICATES CURRENTLY - PURCHASED METERS  
UNSHADED INDICATES FOR INFORMATION ONLY

BILL OF MATERIALS					
ITEM	DESCRIPTION	SPEC/STD	SIZE		
			3000R	5000R/7000R	11000R/16000R
1	GAS METER	G-48	3000R	5000R/7000R	11000R/16000R
2	TEE, M.I. 150#	ASME B16.3	2"	3"	4"
3	PIPE, STEEL, STD	G-8107	2"	3"	4"
4	NIPPLE, STEEL, STD	G-8107	2"x4"	3"x4"	4"x6"
5	METER VALVE, LUBRICATED PLUG	*	2"	3"	4"
6	NIPPLE, STEEL, STD	G-8107	2"x8"	3"x8"	4"x8"
7	FLANGE, STEEL, FLAT FACE, SCREWED, 150#	ASME B16.5	2"	3"	4"
8	ELBOW, 90, M.I., 150#	ASME B16.3	2"	3"	4"
9	CAP, SCREWED, M.I., 150#	ASME B16.3	2"	3"	4"
10	PIPE SUPPORT	G-695	2"	3"	4"
11	BLOCK, CONCRETE, SOLID	-	6"x6"x4"		
12	M" X 1/16" 150# FULL FACE GASKET STRAINER (SEE NOTE 10)	G-8220	2"	3"	4"
13	M" X 1/16" 150# FULL FACE GASKET (SEE NOTE 10)	-	2"	3"	4"

\* SEE YELLOW BOOK

**INSTALLATION OF METER PIPING FOR TWIN CLASS 3000R (2") TO 23000R (4") ROTARY GAS METERS - INDOORS**

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

DATE CREATED 2/9/08	DWG. NO. 365531	REV. 3
LAST REVISED 5/6/25		

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO.3 YELLOW BOOK