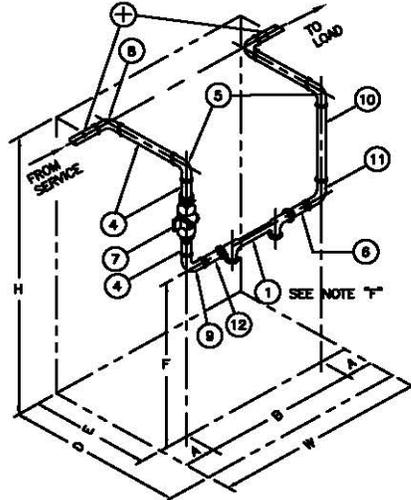


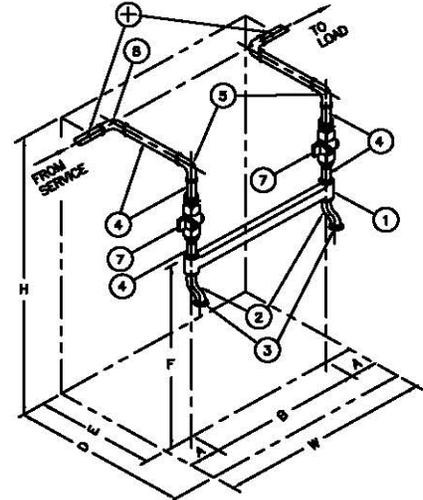
EO-7420-B

REVISIONS

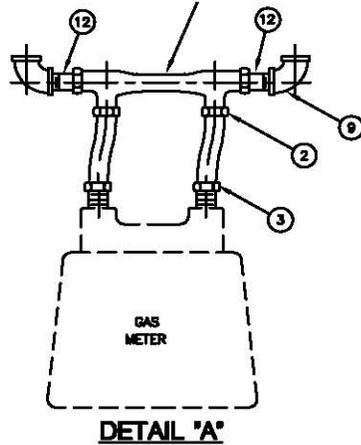
MBALDWIN 8/14/98	17
REDRAWN TO AUTOCAD TURN DWG. 90° C.W. 6/14/99	
G. LUDWIG 07/19/11	18
REPLACED MTR BAR FOR CLASS 250 TC METERS ADDED BYPASS BAR DETAIL AND REVISED BILL OF MATERIAL.	
H.T. 07/13/11	



**CLASS 500 TC
W/CMC METER BAR**

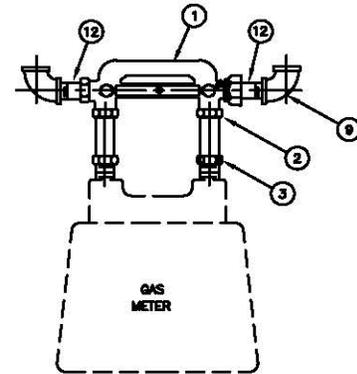


**CLASS 1000 TC
DIAPHRAGM METERS**



DETAIL 'A'

**CL 500 TC ALTERNATE METER BAR
REQUIRING SWIVELS**



CLASS 250 TC BYPASS METER BAR

* SEE "REQUIREMENTS FOR GAS SERVICE INSTALLATIONS" BOOKLET.

ITEM NO.	DESCRIPTION	250 TC	500 TC	1000 TC
12	NIPPLE	1" x 2"	1" x 2"	
11	ELBOW 90°	1"	1 1/2" x 1 1/4"	
10	PIPE	1"	1 1/2"	2"
9	ELBOW, 90°	1"	1 1/2" x 1"	
8	ELBOW, 90° REDUCING FROM SERVICE EXTENSION SIZE TO:	1"	1 1/2"	2"
7	METER VALVE *	1"	1 1/2"	2"
6	NIPPLE	1" x 2"	1 1/4" x 2"	2" x 2 1/2"
5	ELBOW, 90°	1"	1 1/2"	2"
4	NIPPLE	1"	1 1/2"	2"
3	SWIVEL CAP *(NOT REQ'D. WITH CMC)	20LT	30LT	60LT
2	SWIVEL *(NOT REQ'D. WITH CMC)	A.Y. McDONALD 1 NPT 20 LT W/ 1/8" NPT TAP (TAP FOR MTR OUTLET ONLY)	1x 30LT	1 1/2"x 60LT
1	METER BAR*	A.Y. McDONALD 6410 PFE-W, 1X1X1 BYPASS MTR BAR	CMC 1" x 1 1/4" x 30 LT	2" x 2" x 1 1/2"
	ALTERNATE		1" x 1" x 1"	
ITEM NO.	METER CLASS- PROC. G-48	250 TC	500 TC	1000 TC
	DESCRIPTION		SIZE	

BILL OF MATERIAL

H	HEIGHT (MIN.)	66"	70"	70"
W	CLEARANCE LEFT TO RIGHT	39 1/2"	43"	34"
D	CLEARANCE FOR WALL	40"	52"	54"

MINIMUM SPACE REQUIRED

F	CL. OF METER BAR TO FLOOR (MAX.)	62"	62"	62"
	CL. OF METER BAR TO FLOOR (MIN.)	50"	50"	50"
E	CL. OF METER BAR OR ROTARY METER TO WALL	9"	12"	12"
B	CL. TO CL. IN/ OUTLET PIPING	15 1/2"	19"	10"
A	CLEARANCE FROM CL. OF PIPES	12"	12"	12"
ITEM NO.	METER CLASS-PROC. G-48	250 TC	500 TC	1000 TC

DIMENSIONS

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO.3 AND GAS BLUE BOOK.

MAILING LIST 3

NOTES

- a- ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CUSTOMER.
- b- ALL PIPING SHALL BE INSTALLED PLUMB AND LEVEL.
- c- ALL PIPE TO BE BLACK STEEL. ALL FITTINGS TO BE 150 LB. BLACK MALLEABLE IRON.
- d- FOR LOW PRESSURE GAS SERVICE INSTALLATIONS, INSTALL AN INSULATED COMPRESSION COUPLING WITH A 1/8" THREADED PLUG NEAR THE HEAD OF SERVICE. *
- e- PIPING MUST BE LEFT PLUGGED BY CONTRACTOR PRIOR TO METER INSTALLATION.
- f- FOR CLASS 250 TC GAS METERS, METER BAR SHALL BE A.Y. McDONALD 6410-PFE-W 1X1X1 BYPASS METER BAR.
- g- SUPPORT PIPING FROM WALL OR CEILING AT POINTS INDICATED.

**INSTALLATION OF CLASS 250TC
TO CLASS 1000TC
DIAPHRAGM GAS METERS INDOORS**

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

DATE 5/12/49
LAST REV. 07/19/11

SPEC. NO. **G-316** REV. 18