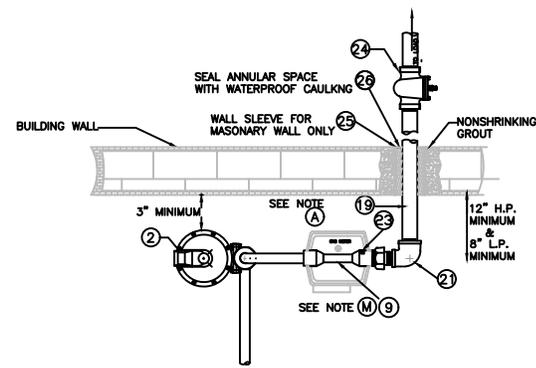
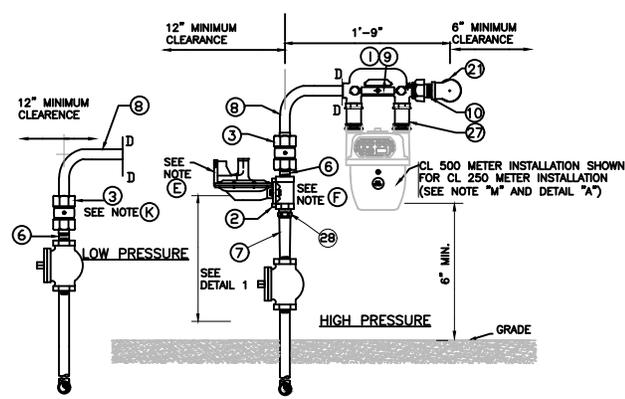


REVISIONS

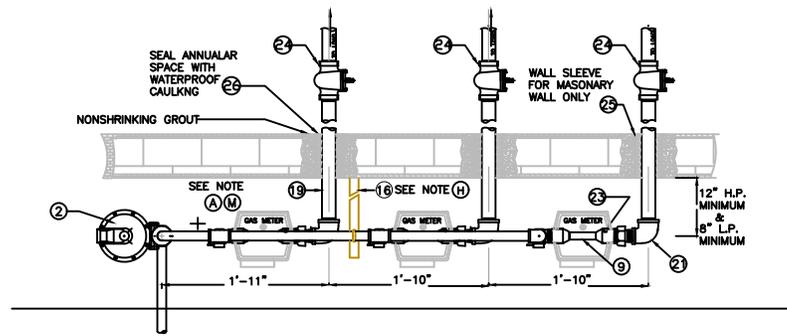
D. MILES	9
REDRAWN BY CAD RAJ	05/18/2006
G. LUDWIG 07/19/2011	10
REDRAW METER BARS FOR CL 250 TC AND CL 500 TC METERS TO SHOW BYPASS TYPE. ADDED 6" MIN. GROUND CLEARANCE. ADDED NOTE "M" & DETAIL "C".	
H.T	07/05/2011
G. LUDWIG 11/23/2015	11
(SEE SHEET 2 FOR CHANGES)	
G. LUDWIG 03/14/2019	12
REVISED TO REMOVE BUMBERS AND ADD NOTE "N"	
H. D.	02/11/2019
ISSUED	04/12/2019
G. LUDWIG 05/15/2019	13
REVISED TO CHANGE EFFECTIVE DATE	
B. H.	05/13/2019
G. LUDWIG 07/21/2020	14
ADDED DETAIL 1 AND 1" TA VALVE ADDED ITEMS 28 AND 29 ON SHEET 2	
D.O.	07/21/2020
G. LUDWIG 04/13/2021	15
REVERTED BACK TO REVISION NO. 13.	
D.O.	04/13/2021
G. LUDWIG 07/22/2021	16
ADDED NOTE "O" TO NOTES TABLE.	
D.O.	07/22/2021
G. LUDWIG 08/17/2021	17
ADDED NOTE "P", DETAIL 1, 1" TA VALVE & ITEM 28 ON SHEET 2.	
D.O.	08/17/2021



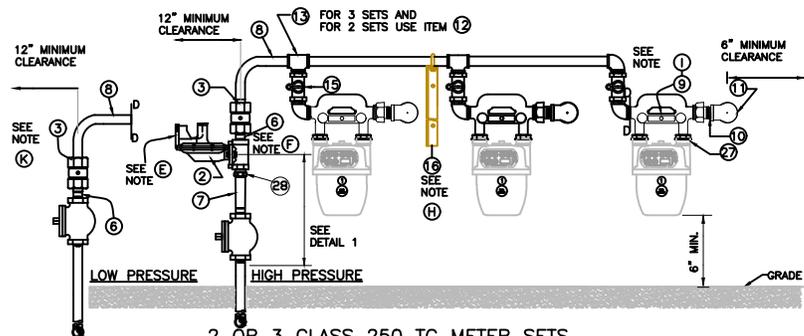
PLAN



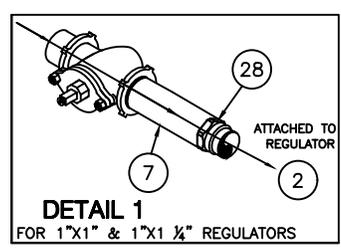
CLASS 250 TC METER SETS
ELEVATION



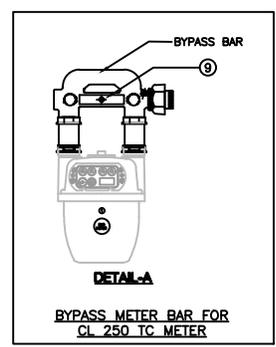
PLAN



2 OR 3 CLASS 250 TC METER SETS
ELEVATION



DETAIL 1
FOR 1"x1" & 1"x1 1/2" REGULATORS



DETAIL-A
BYPASS METER BAR FOR
CL 250 TC METER

NOTES:

- (A) WHERE FIELD CONDITIONS DO NOT ALLOW AN INSTALLATION SIMILAR TO THE ONE SHOWN IN THIS DRAWING, THE METER OUTLET PIPING SHALL BE ADEQUATELY SUPPORTED IN A MANNER ACCEPTABLE TO THE COMPANY.
- (B) DO NOT INCLUDE REGULATOR IN ANY PRESSURE TEST OF PIPING.
- (C) ALL PIPING SHALL BE INSTALLED PLUMB AND LEVEL.
- (D) DRILL, TAP AND INSTALL ITEM NO. 23 AS SHOWN.
- (E) FOR VENT REQUIREMENTS REFER TO DRAWING EO-17118
- (F) ITEM NO. 6 IS NOT REQUIRED WHEN INSULOCK ADAPTER IS USED.
- (G) MATERIAL FURNISHED BY CUSTOMER MUST BE APPROVED AS LISTED IN YELLOW BOOK.
- (H) INSULATE SUPPORT BY WRAPPING PIPE WITH NEOPRENE OR EQUAL.
- (I) METER NUT PLUG, ITEM 27 CAN BE USED TO TEST PIPING INCLUDING METER BAR.
- (J) PIPING MUST BE LEFT PLUGGED BY CONTRACTOR PRIOR TO METER INSTALLATION.
- (K) INSTALL 1/8" THREADED PLUG.
- (L) ALL OUTDOOR PIPING AND FITTINGS SHALL BE PAINTED WITH A SUITABLE TYPE OF PAINT FOR USE ON OUTDOOR METAL SURFACES.
- (M) METER BAR FOR CL 250 TC METER SHALL BE A.Y. McDONALD 6410 BYPASS METER BAR.
- (N) IF THERE IS ANY RISK OF VEHICLE DAMAGE, METER/REGULATOR BUMBERS SHALL BE INSTALLED ACCORDANCE WITH G-704.
- (O) IF METER, METER BAR, OR HEAD OF SERVICE ARE LOCATED IN AN AREA WITH POTENTIAL FOR SUBSIDENCE REFER TO SPECIFICATION G-11831 FOR GUIDANCE.
- (P) INSTALL TA-VALVE SUCH THAT FLOW ARROW ON THE DEVICE POINTS TO THE DIRECTION OF GAS FLOW.

REFER TO SHEET # 2 OF 2 OF THIS DRAWING (EO-16585) FOR BILL OF MATERIAL.

**INSTALLATION OF METER PIPING
FOR CLASS 250TC DIAPHRAGM
GAS METERS - OUTDOORS**

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

DATE 12/08/1983 DWG. **EO-16585-A** REV. **17**
LAST REV. 08/17/2021 NO. **SHEET 1 OF 2**

BILL OF MATERIAL

ITEM NO.	CLASS & STOCK NO.	DESCRIPTION	LOW PRESSURE INSTALL SIZE	HIGH PRESSURE INSTALL SIZE	SPEC. OR DWG. NO.
1	-	GAS METER CLASS	250TC	250TC	PROCEDURE G-48
	-	GAS METER			
	-	GAS SERVICE REGULATOR	-	1" x 1" x 3/4"	
2	-	GAS REGULATOR			G-100, 285
	-	MALE, ADAPTER, INSULATED, DRESSER STY. 90			
3	337 - 5904	1"	X	X	*
	337 - 5912	1 1/2"	-	-	
	-	COUPLING, COMPRESSION, REDUCING, INSULATED			
	337 - 7785	1 1/2" x 1"	X	-	
	337 - 7777	1 1/2" x 1"	X	-	
	-	COUPLING, COMPRESSION, CONDUCTIVE			
	337 - 4097	1" DRESSER STY. 65	X	X	
	337 - 4060	1 1/2" x 1" DRESSER STY. 65	-	-	
6	-	NIPPLE, STEEL, TOE			ASTM A53 GR B
	330 - 0878	1" x 3"	X	X	
	330 - 1058	1 1/2" x 4"	X	-	
	330 - 3302	1 1/2" x 3"	X	-	
7	-	NIPPLE, STEEL			ASTM A53 GR B
	330 - 0936	1" x 5"	-	X	
	-	NIPPLE, STEEL			
8	330 - 4441	1" x 3/4" x 7"	-	X	ASTM A53 GR B
	-	METER ELBOW, 90°, STEEL			
9	331 - 2360	1" x 6" x 8"	-	X	ASTM A53 GR B
	-	BAR, METER WITH INSULATED UNION			
10	339 - 0838	A.Y McDONALD 6410-FFE-W 1X1X1 BYPASS MTR BAR (FOR CLASS 250 TC). 1" STRAIGHT SWIVELS (PART OF BYPASS BAR ASSEMBLY).	X	X	*
	-	NIPPLE, STEEL			
11	330 - 2742	1" x 2" (FOR CL.250 TC)	X	X	ASTM A53 GR B
	330 - 2992	1 1/2" x 2" (FOR CL.500 TC)	X	X	
	330 - 3245	1 1/2" x 12"	-	-	
12	-	NIPPLE, STEEL			ASTM A53 GR B
	330 - 4268	1" x 20"	X	X	
	330 - 3633	2" x 6 1/2"	-	-	
	330 - 3682	2" x 9"	-	-	
13	332 - 0983	1" x 1"	X	X	ANSI B16.3
	332 - 1049	2" x 2"	-	-	
14	332 - 1445	1" x 1" x 1"	X	X	ANSI B16.3
	-	TEE, MI.. 150LB			
15	374 - 0651	1"	X	X	*
	-	LOCK-WING STOP			
16	339 - 0630	11" x 14" ANGLE IRON WITH U-BOLT	X	X	*
	-	SUPPORT BRACKET			
19	320 - 1753	1"	-	X	ASTM A53 GR B
	320 - 1719	1 1/2"	X	X	
	320 - 0367	2"	-	-	
21	332 - 1288	1 1/2" x 1" (FOR CL.250 TC)	X	X	ANSI B16.3
	332 - 1296	1 1/2" x 1 1/2" (FOR CL.500 TC)	X	X	
	336 - 7901	2" x 1 1/2"	-	-	
23	339 - 0648	1/8"	X	X	-
	-	PLUG, PIPE, STEEL, HEXAGON SOCKET.			
24	-	VALVE PLUG WHERE REQUIRED BY LOCAL MUNICIPALITY (SIZE AS REQ.D)			*
	-	1" (FOR CL.250 TC)	X	X	
25	-	WALL SLEEVE, SCH. 40 P.V.C. OR STEEL PIPE (SIZE AS REQ.D)			-
	-	2" (SIZE AS REQUIRED)	-	X	
	-	3" (SIZE AS REQUIRED)	X	X	
26	-	CAULKING COMPOUND	X	X	-
	-	CAULKING COMPOUND			
27	-	PLUG, METER NUT. SEE NOTE (I)			-
	-	20 LT. (CL. 250 TC.)	X	X	
28	377 - 1916	1 INCH F X M NPT TA-VALVE OR 1 INCH M X M NPT TA-VALVE WITH 1 INCH M X F BELL COUPLING, BLACK MALLABLE IRON.	-	1"	-
	-				

NOTES

F. ITEM NO. 6 NOT REQUIRED WHEN INSULOCK ADAPTER IS USED.
 I. METER NUT PLUG, ITEM NO. 27 CAN BE USED TO TEST PIPING INCLUDING METER BAR

FOR NOTES "A THRU M" REFER TO SHEET 1 OF 2 OF THIS DWG.
 * SEE "YELLOW BOOK"

**INSTALLATION OF METER PIPING
 FOR CLASS 250 DIAPHRAGM
 GAS METERS - OUTDOORS - BILL OF MATERIALS**

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

DATE 12/08/1983 DWG. **EO-16585-A** REV. 17
 LAST REV. 08/17/2021 NO. SHEET 2 OF 2

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO. 3 AND YELLOW BOOK