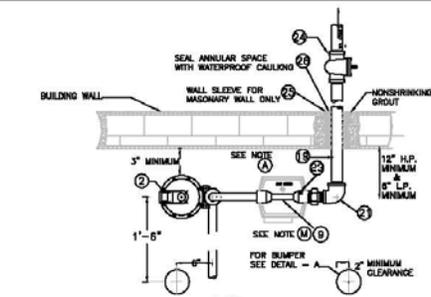


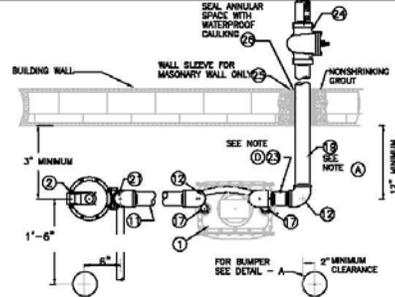
98981-03

REVISIONS

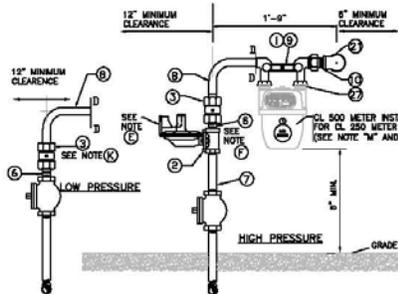
D.MILES	9
REDRAWN BY CAD RAJ 5/18/08	
D. LUDNO 07/19/11	10
REDRAW METER BARS FOR CL. 250 TC AND CL. 500 TC METERS TO SHOW BYPASS TYPE. ADDED 6" MIN. GROUND CLEARANCE. ADDED NOTE "M" & DETAIL "C".	
M.T. 07/05/11	



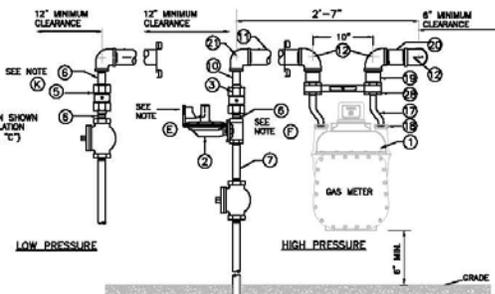
PLAN



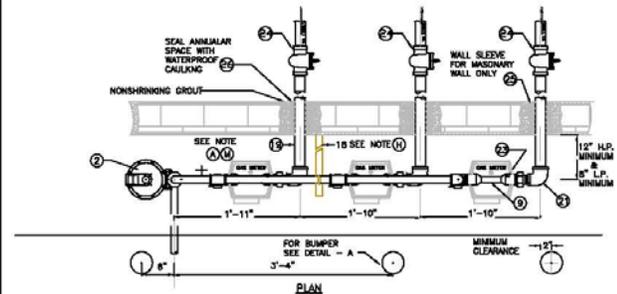
PLAN



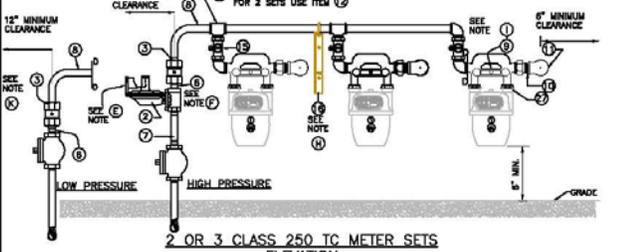
CLASS 250 TC AND 500 TC METER SETS  
ELEVATION



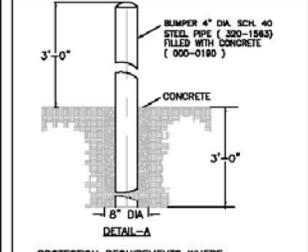
CLASS 1000 TC METER SET  
ELEVATION



2 OR 3 CLASS 250 TC METER SETS  
ELEVATION



2 OR 3 CLASS 250 TC METER SETS  
ELEVATION



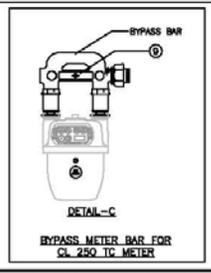
PROTECTION REQUIREMENTS WHERE  
GAS METER AND PIPING PROTRUDE  
INTO DRIVEWAY OR PARKING AREA  
AND EXPOSED TO DAMAGE BY VEHICLES



ALTERNATE METER BAR REQUIRING  
SWIVELS

- 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. 8 IS NOT REQUIRED WHEN INSULOCK ADAPTER IS USED.
  - (G) MATERIAL FURNISHED BY CUSTOMER MUST BE APPROVED AS LISTED IN "REQUIREMENTS FOR GAS SERVICE INSTALLATION" BOOKLET.
  - (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

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



DETAIL-C  
BYPASS METER BAR FOR  
CL. 250 TC METER

INSTALLATION OF METER PIPING FOR CLASS 250TC TO 1000TC DIAPHRAGM GAS METERS - OUTDOORS	
CONSOLIDATED EDISON COMPANY of N.Y., INC. GAS ENGINEERING DEPT	
DATE 12/8/83 LAST REV. 07/19/11	DWG. NO. E0-16585 REV. 10 SHEET 1 OF 2

E. JOE & SONS  
 V-98991-03

**REVISIONS**

D. MILES 06/23/08 9

REVISION BY CAD  
 REVISED DEPT NAME  
 DATE 5/18/06

D. LLOYD  
 07/18/11 10

REVISED ITEM #  
 H.T. 07/05/11

ITEM NO.	CLASS & STOCK NO.	DESCRIPTION	250TC - 500TC METAL SIZE	1000TC - 1500TC METAL SIZE	2000TC - 3000TC METAL SIZE	4000TC - 5000TC METAL SIZE	SPED. OR OTHER
26		SWR. METER					
330 - 0206		3" x 2" x 1/2" WITH 10" CENTER TO CENTER CL.1000				X	
27		PLUS METER NUT. SEE NOTE (C)					
		20 LT. (CL. 250 TC)	X		X		
330 - 0683		20 LT. (CL. 500 TC)	X		X		
28		OLUAINS COMPOUND					
		CALLINGS COMPOUND	X	X	X	X	
25		WALL SLEEVES, SCH. 40 P.V.C. OR STEEL PIPE (SIZE AS REQ'D.)					
		2" (SIZE AS REQUIRED)	X		X		
		3" (SIZE AS REQUIRED)	X		X		
		4" (SIZE AS REQUIRED)	X		X		
24		VALVE PLUG WHERE REQUIRED BY LOCAL MUNICIPALITY (SIZE AS REQ'D.)					
		1" (FOR CL.250 TC)	X		X		*
		1/2" (FOR CL.500 TC OR 500 TC)	X		X		
		1/4"	X		X		
23		PLUS PIPE, STEEL, HEXAGON SOCKET.					
330 - 0648		1/8"	X	X	X	X	
22		ELBOW, 90°, REDUCER, M-150LB.					
330 - 9383		2" x 1 1/2"		X		X	ANSI B16.3
21		ELBOW, 90°, REDUCER, M-150LB.					
330 - 1388		1 1/2" x 1" (FOR CL.250 TC)	X		X		ANSI B16.3
330 - 1296		1 1/2" x 1 1/2" (FOR CL.500 TC)	X		X		
330 - 7901		2" x 1 1/2"	X		X		
20		NIPPLE, STEEL.					
330 - 1314		2" x 2" SCH. 80. SEE NOTE (F)		X		X	ASTM A53 GR B
19		PIPE, STEEL (SIZE AS REQUIRED)					
330 - 1753		1"	X		X		ASTM A53 GR B
330 - 1718		1 1/2"	X		X		
330 - 0287		2"	X		X		
18		DRIVEL, CAP, M					
330 - 0818		20 LT. (CL. 250 TC)	X		X		*
330 - 0228		20 LT. (CL. 500 TC)	X		X		
330 - 0254		80 LT.	X		X		
17		DRIVEL, M					
330 - 0233		20X1" OFFSET, 3 1/2" LONG (CL. 250TC, FOR 8" CENTER DIA)	X		X		*
1604-0224		20X1" STRAIGHT BRACKET (PART OF FINDER BAR ASSEMBLY)	X		X		
330 - 0684		20X1" x 20 LT. 1" OFFSET, 3 1/2" LONG. (CL. 500TC)	X		X		
330 - 0408		1 1/2" x 80 LT.	X		X		
16		SUPPORT BRACKET					
330 - 0630		1 1/2" x 1 1/2" ANGLE IRON WITH U-BOLT	X		X		*
15		LOCK-WING STOP					
374 - 0651		1"	X		X		*
14		ELBOW, M-150LB.					
330 - 1183		1" x 1"	X		X		ANSI B16.3
13		TEE, M-150LB.					
330 - 1445		1" x 1" x 1"	X		X		ANSI B16.3
12		ELBOW, M-150LB.					
330 - 0683		1" x 1"	X		X		ANSI B16.3
330 - 1049		2" x 2"	X		X		
11		NIPPLE, STEEL.					
330 - 4285		1" x 20"	X		X		ASTM A53 GR B
330 - 3633		1" x 8 1/2"	X		X		
330 - 3883		2" x 9"	X		X		
10		NIPPLE, STEEL.					
330 - 2742		1" x 2" (FOR CL.250 TC)	X		X		ASTM A53 GR B
330 - 2892		1 1/2" x 2"	X		X		
330 - 3245		1 1/2" x 12"	X		X		
9		SWR. METER WITH INSULATED UNION					
330 - 0638		A.P. McDONALD 8410-FYE-W 1/2" BYPASS MFR BAR (FOR CLASS 250 TC) 1" STRAIGHT BRACKET (PART OF FINDER BAR ASSEMBLY)	X		X		*
330 - 2842		CNC 1"1/2"-1/4"RODIT (FOR CLASS 500 TO 04N3)	X		X		
		ALTERNATE METER BAR (DRIVELS REQUIRED)					
1604-0224		1"1/2"1/4" (FOR CL.500 TO 04N3)	X		X		
8		METER ELBOW, 90°, STEEL.					
331 - 2380		1" x 8" x 8"			X		ASTM A53 GR B
7		NIPPLE, STEEL.					
330 - 0638		1" x 2"			X	X	
		NIPPLE, STEEL.					
330 - 4441		1" x 1 1/2" x 2"			X	X	ASTM A53 GR B
6		NIPPLE, STEEL, TEE. SEE NOTE (F)					
330 - 0676		1 1/2" x 3"	X		X		
330 - 1008		1 1/2" x 4"	X		X		
330 - 3302		1 1/2" x 2"	X		X		ASTM A53 GR B
330 - 1447		2" x 12"	X		X		
5		COUPLING, COMPRESSION, UNINSULATED, DRESSER STD. 90					
337 - 0682		2"	X		X		
		COUPLING, COMPRESSION, CONDUCTIVE, DRESSER STD. 45					
337 - 4113		2"	X		X		G-100,285
4		METER ELBOW, 90°, STEEL, THREAD BOTH ENDS					
339 - 0814		1" x 4 1/2" x 14"	X		X		*
		HALF ADAPTER, UNINSULATED, DRESSER STD. 90					
337 - 5804		1"	X		X		
337 - 0812		1 1/2"	X		X		
3		COUPLING, COMPRESSION, REDUCING, UNINSULATED					
337 - 7785		1 1/2" x 1"	X		X		
337 - 7777		1 1/2" x 1 1/2"	X		X		
		COUPLING, COMPRESSION, CONDUCTIVE					
337 - 4297		1" DRESSER STD. 85	X		X		G-100,285
337 - 4295		1 1/2" x 1" DRESSER STD. 90	X		X		
		COUPLING, COMPRESSION, CONDUCTIVE, REDUCING					
337 - 6880		1 1/2" x 1"	X		X		
337 - 2898		1 1/2" x 1"	X		X		
2		GAS REGULATOR					
		GAS SERVICE REGULATOR			1 1/2" x 1 1/2"	1" x 1 1/2" x 1"	PROCEDURE G-48
1		GAS METER					
		GAS METER CLASS	250TC - 500TC	1000TC - 1500TC	2000TC - 3000TC	4000TC - 5000TC	
		DESCRIPTION	LOW PRESSURE METAL SIZE		HIGH PRESSURE METAL SIZE		

**BILL OF MATERIAL**

**NOTE**

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 "REQUIREMENTS FOR GAS SERVICE INSTALLATIONS" BOOKLET

**INSTALLATION OF METER PIPING  
 FOR CLASS 250 - 1000TC DIAPHRAGM  
 GAS METERS - OUTDOORS - BILL OF MATERIALS**

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

DATE 12-8-83 DWG. EO-16585-A REV. 10  
 LAST REV. 7/19/11 NO. 2 SHEET 2 OF 2

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