

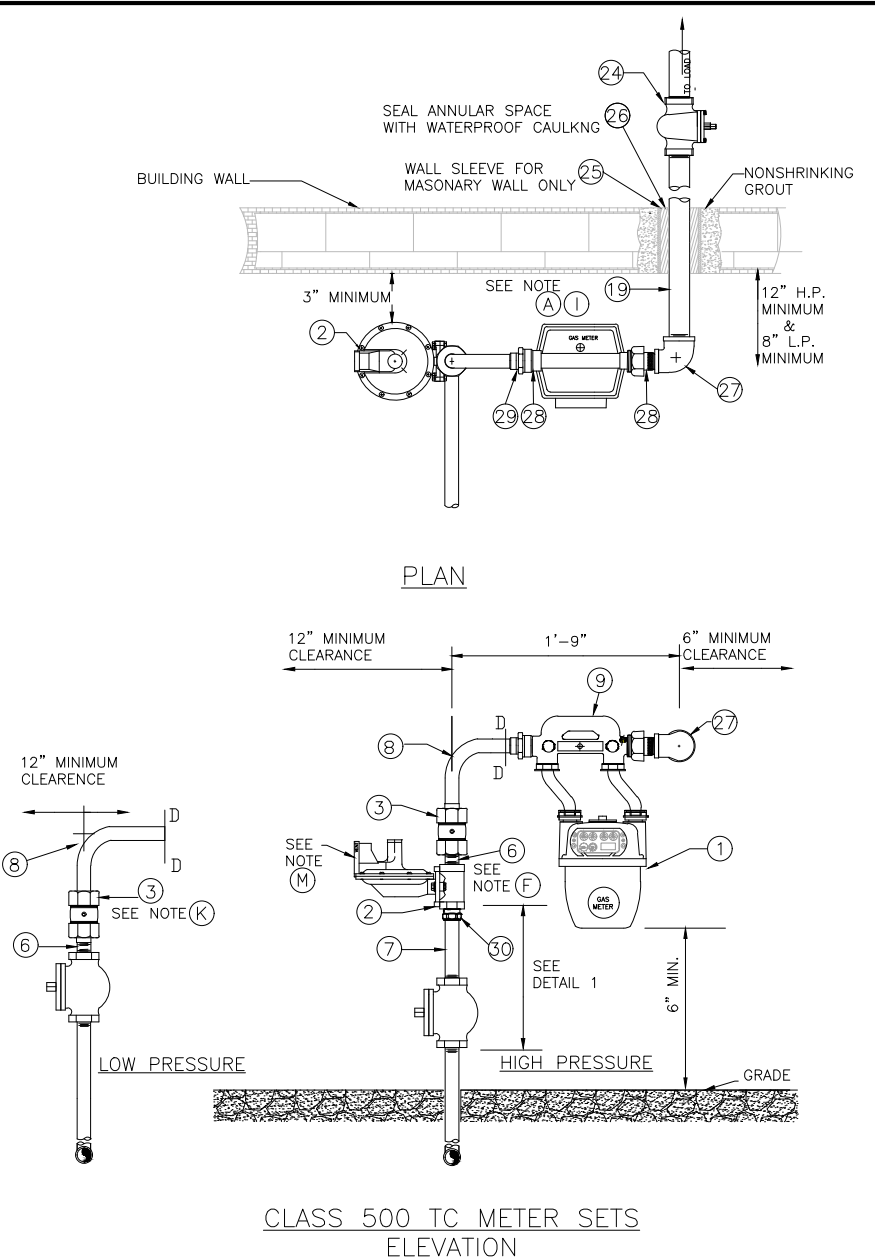
506175

SHEET 1 OF 2

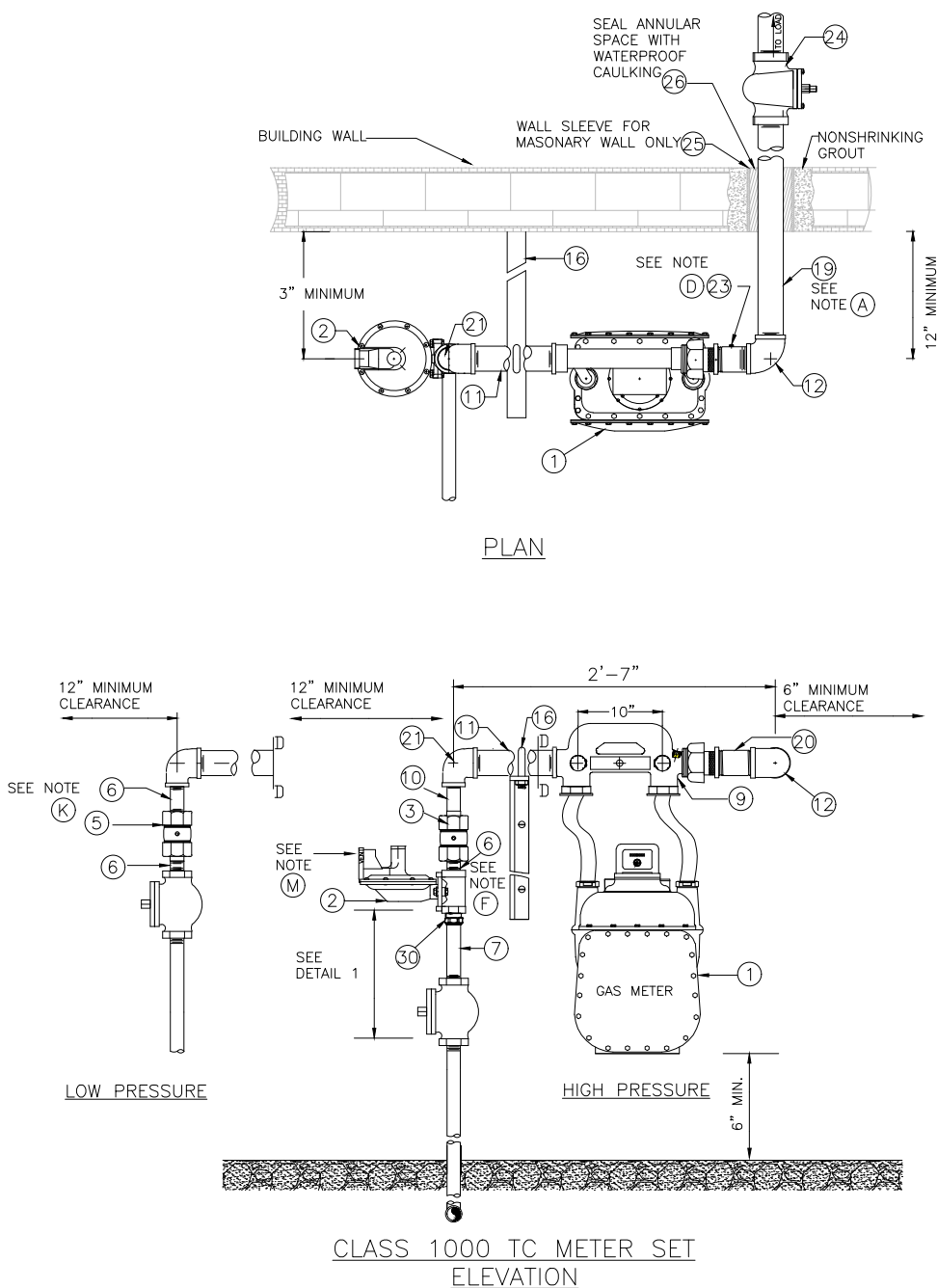
REVISIONS

G. LUDWIG 11/24/15	0
NEW ISSUE INFO PREVIOUSLY SHOWN ON EO-16585	
M.L. 03/20/2015	
G. LUDWIG 07/12/18	1
REMOVED 12,17,18,19,28. CHANGED STANDARD METER BAR TO BYPASS METER BAR FOR CL 500 & CL 1000 TC METER SETS. REDREW CL 500 & 1000 TC METER BAR FOR PLAN AND ELEVATION. REVISED NOTES SECTION A-G.	
ADDED NOTE -"M"	
S.A/C.C. 07/12/2018	
G. LUDWIG 3/14/19	2
REMOVED ALL BUMPERS. ADDED NOTE "N"	
A.F. 2/11/19	
ISSUED 4/12/19	
G. LUDWIG 5/15/19	3
REVISED TO CHANGE EFFECTIVE DATE	
M.T. 5/14/19	
G. LUDWIG 8/25/20	4
ADDED DETAIL 1. ADDED ITEMS 30 & 31.	
D.J. 8/25/20	
G. LUDWIG 4/13/21	5
REVERTED BACK TO REVISION NO. 3	
D.J. 4/13/21	
G. LUDWIG 08/17/21	6
ADDED DETAIL 1 & NOTE "O" ON SHEET 1. ADDED ITEM 30 ON SHEET 1 AND SHEET 2.	
D.O. 08/17/21	

METERING
SPECIFICATIONS
AND PROCEDURES
VOLUME NO. 3
AND YELLOW BOOK

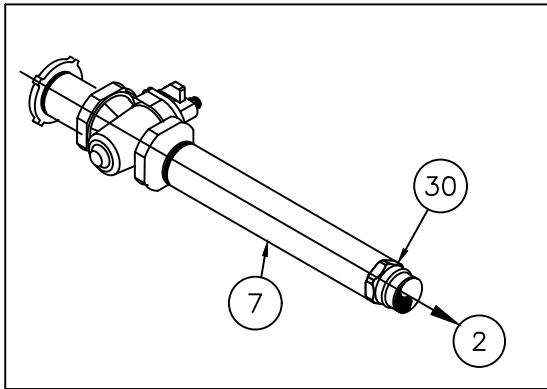


CLASS 500 TC METER SETS
ELEVATION



CLASS 1000 TC METER SET
ELEVATION

DETAIL 1
FOR 1" & 1 1/4" REGULATORS



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 STANDARD WALL STEEL. ALL FITTINGS TO BE 150 LB. STANDARD WALL MALLEABLE IRON.
- (D) WHERE SERVICE PIPE IS BURIED STEEL, INSTALL INSULATED COUPLING BETWEEN SERVICE HEAD VALVE AND METER.
- (E) PIPING MUST BE LEFT CAPPED BY CONTRACTOR PRIOR TO METER INSTALLATION.
- (F) FOR CLASS 500 TC AND CLASS 1000 TC GAS METERS, METER BAR SHALL BE A.Y.MCDONALD 6480 FEE-W 1 1/4 x 1 1/4 x 1 1/4 & 2 1/2 x 2 1/2 x 2 1/2.
- (G) ALL PIPE AND FITTINGS SHALL BE SCHEDULE 40.
- (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) FOR VENT REQUIREMENTS REFER TO EO-17118
- (N) IF THERE IS ANY RISK OF VEHICLE DAMAGE, METER/REGULATOR BUMPERS SHALL BE INSTALLED IN ACCORDANCE WITH G-704.
- (O) 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 (506175) FOR
BILL OF MATERIAL

INSTALLATION OF METER PIPING
FOR CLASS 500TC TO 1000TC DIAPHRAGM
GAS METERS - OUTDOORS

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

DATE 11/24/15
LAST REV. 08/17/21

DWG. NO. 506175
SHEET 1 OF 2

REV. 6

506175

REVISIONS

G. LUDWIG
11/24/15

0

NEW ISSUE
INFO PREVIOUSLY SHOWN ON
EO-16585
M.L. 03/20/2015

G. LUDWIG
07/12/18

1

ON TITLE BLOCK, CHANGED GAS
ENGINEERING TO GAS OPERATIONS.
REMOVED "COUPLING, CONDUCTIVE,
REDUCING" FROM ITEM 3.REMOVED
CONDUCTIVE STY 65 COUPLING
FROM ITEM 5. REPLACED WITH
INSULATED. REMOVED NON-STOCK
ITEM FROM ITEM 9. REVISED ITEM
10 NIPPLE FOR CL1000 TC,
REMOVED ITEM 17 & 18,
CHANGED ITEM 23, 27, 28, FROM
PLUG & METER BAR TO ELBOW
AND NIPPLE, RESPECTIVELY.
REVISED ITEM 9. ADDED ITEM 29,
REVISED C/S# FOR ITEMS
3,5,6,21,28. REMOVED NOTE 1
BECAUSE WE NO LONGER USE
METER NUT PLUG.

S. ACEVEDO 05/23/2018
ADDED CLASS & STOCK NOS. FOR
ITEMS 9, 25, 27, 28, & 29.

R. BURBRIDGE 06/29/2018

G. LUDWIG
3/14/19

2

REMOVED ALL BUMPERS.
ADDED NOTE "N"
A.F. 2/11/19

ISSUED
4/12/19

G. LUDWIG
5/15/19

3

REVISED TO CHANGE
EFFECTIVE DATE
M.T. 5/14/19

G. LUDWIG
8/25/20

4

ADDED DETAIL 1. ADDED
ITEM 30 & 31.
D.J. 8/25/20

G. LUDWIG
4/13/21

5

REVERTED BACK TO
REVISION NO. 3
D.J. 4/13/21

G. LUDWIG
08/17/21

6

ADDED DETAIL 1 & NOTE "O"
ON SHEET 1.
ADDED ITEM 30 ON SHEET 1
AND SHEET 2.
D.O. 08/17/21

METERING
SPECIFICATIONS
AND PROCEDURES
VOLUME NO. 3
AND YELLOW BOOK

BILL OF MATERIAL							
ITEM NO.	CLASS & STOCK NO.	DESCRIPTION	LOW PRESSURE INSTALL SIZE		HIGH PRESSURE INSTALL SIZE		SPEC. OR DWG. NO.
1		GAS METER					PROCEDURE G-48
	-	GAS METER CLASS	500TC	1000TC	500TC	1000TC	
2		GAS REGULATOR					
	-	GAS SERVICE REGULATOR	-	-	1" x 1" x 3/4"	1" x 1 1/4" x 1"	
3		MALE, ADAPTER, INSULATED, DRESSER STY. 90					*
	337 - 5904	1"	X	-	-	-	
	337 - 5912	1 1/4"	X	-	-	-	
		COUPLING, COMPRESSION, REDUCING, INSULATED					
	337 - 7766	1 1/4" x 1"	X	-	X	-	
	337 - 7777	1 1/2" x 1"	-	-	-	X	
		COUPLING, COMPRESSION, CONDUCTIVE, REDUCING					
	337 - 8080	1 1/4" x 1"	X	-	-	-	
5		COUPLING, COMPRESSION, INSULATED, DRESSER STY. 90					*
	337 - 0682	2"	-	X	-	-	
		COUPLING, COMPRESSION, INSULATED, DRESSER STY. 65					
6		NIPPLE, STEEL,TOE SEE NOTE (F)					G-100,285
	330 - 0878	1" x 3"	X	-	X	-	
	330 - 1068	1 1/4" x 4"	X	-	-	X	
	330 - 3302	1 1/2" x 3"	X	-	-	-	
	330 - 1447	2" x 10"	-	X	-	-	
7		NIPPLE, STEEL					ASTM A53
	330 - 0936	1" x 5"	-	-	X	X	
		NIPPLE, STEEL					
8		METER ELBOW, 90°, STEEL					ASTM A53
	331 - 2360	1" x 6" x 8"	X	-	X	-	
9		BYPASS METER BAR, A.Y. MCDONALD					*
	452 - 1680	1 1/4" x 1 1/4" x 1 1/4" X 30LT	X	-	X	-	
	452 - 1681	1 1/2" x 1 1/2" x 1 1/2" x 60LT	-	X	-	X	
10		NIPPLE, STEEL					-
	330 - 3245	2" x 12" (FOR CL.1000 TC)	-	-	-	X	
11		NIPPLE, STEEL					ASTM A53
	330 - 3633	1 1/2" x 6 1/2"	-	X	-	-	
	330 - 3682	1 1/2" x 9"	-	-	-	X	
12		ELBOW, REDUCER, 90°,MI..150LB.					ASME B16.3
	332 - 1049	1 1/2" x 2	-	X	-	X	
16		SUPPORT BRACKET					ASTM A53
	330 - 0630	11" x 14" ANGLE IRON WITH U-BOLT	X	-	X	-	
19		PIPE, STEEL (SIZE AS REQUIRED)					-
	320 - 1719	1 1/2"	X	-	X	-	
	320 - 0367	2"	-	X	-	X	
20		NIPPLE, STEEL					ASTM A53
	330 - 1314	1 1/2" x 3" SCH. 80 SEE NOTE (F)	-	X	-	X	
21		ELBOW, 90°, REDUCER, MI..150LB.					*
	332 - 7901	2" x 1 1/2"	-	-	-	X	
23		PLUG, PIPE, STEEL, HEXAGON SOCKET					*
	330 - 0648	1/8"	X	X	X	X	
24		VALVE PLUG WHERE REQUIRED BY LOCAL MUNCIPALITY (SIZE AS REQ.D)					*
	-	1 1/2" (FOR CL.500 TC OR 500 TC.)	X	-	X	-	
	-	2"	-	X	-	X	
25		WALL SLEEVE, SCH. 40 P.V.C. OR STEEL PIPE (SIZE AS REQ.D)		X		X	-
	337 - 5318	2" (SIZE AS REQUIRED)	-	-	X	-	
	337 - 1069	3" (SIZE AS REQUIRED)	X	-	X	-	
	337 - 1051	4" (SIZE AS REQUIRED)	-		-		
26		CAULKING COMPOUND					-
	-	CAULKING COMPOUND	X	X	X	X	
27		ELBOW; REDUCER					-
	332 - 1296	1 1/4" x 1 1/2"	X	-	X	-	
28		NIPPLE					-
	330 - 3245	1 1/4"	X	-	X	-	
29		REDUCER					-
	332 - 3656	1" x 1 1/4"	X	-	X	-	
30		TA-VALVE					-
	377 - 1916	1" 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.	-	-	X	X	

NOTES

F. ITEM NO. 6 NOT REQUIRED WHEN INSULOCK ADAPTER IS USED.
FOR NOTES "A THRU L" REFER TO SHEET 1 OF 2 OF THIS DWG.
* SEE YELLOW BOOK

INSTALLATION OF METER PIPING
FOR CLASS 500 - 1000TC DIAPHRAGM
GAS METERS - OUTDOORS -BILL OF MATERIALS
CONSOLIDATED EDISON COMPANY OF N.Y., INC.
GAS OPERATIONS DEPT

DATE 11/24/15
LAST REV. 08/17/21

DWG. NO. 506175
SHEET 2 OF 2
REV. 6