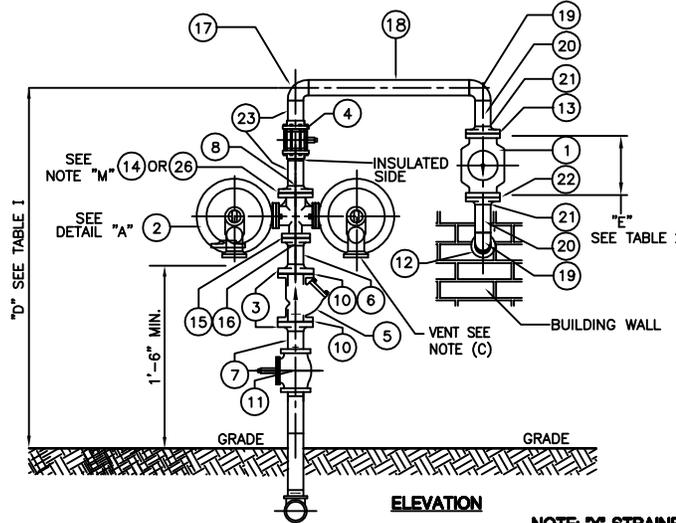
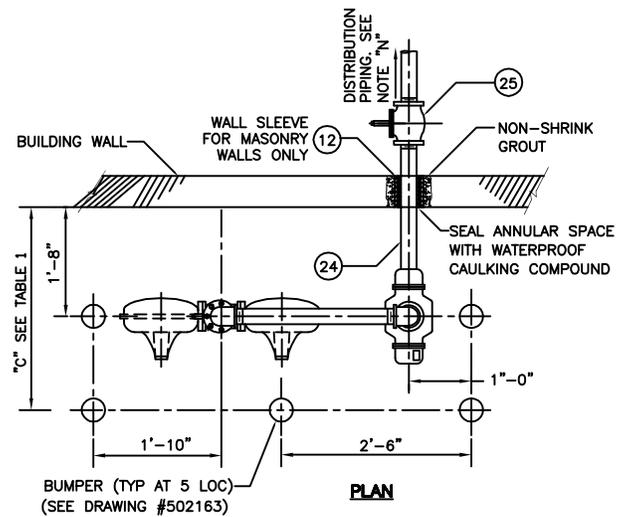
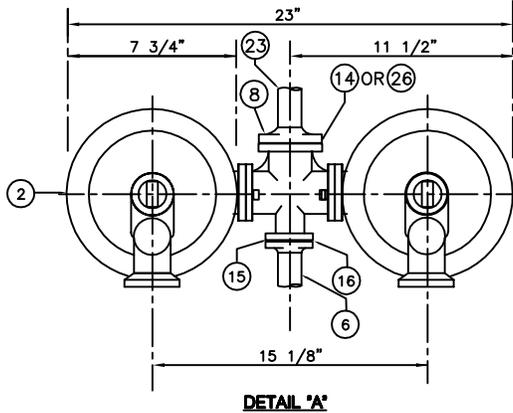


REVISIONS

G.LUDWIG 08/29/13 NEW DRAWING	0
H.T. 08/05/13	
G.LUDWIG 4/14/15	1

DELETED THREADED METER PIPING. UPDATED BILL OF MATERIALS. REVISED NOTES "F" AND "M". ADDED NOTES "N" AND "O".
DELETED NOTE "E". DELETED ITEM 9. ADDED START DATE FOR "Y" STRAINER INSTALLATION.
P.S./D.T. 3/20/15



NOTE: "Y" STRAINER REQUIRED AFTER JULY 1, 2015

ITEM NO.	DESCRIPTION	SPEC. OR DRAWING NO.	INSTALLATION SIZE	
			11000RTC	38000RTC
1	METER CLASS (ALL TC)	G-48	11000RTC	38000RTC
2	GAS SERVICE REGULATOR, FLANGED		16000RTC	
3	FLANGE, FORGED STEEL, RAISED FACE, 150#, WELD NECK	ASME B16.5	2" X 4" X 2 1/2"	2" X 4" X 2 1/2"
4	COMPRESSION, COUPLING, INSULATED	*	4"	4"
5	"Y" STRAINER, FLANGED, RAISED FACE, 150#	*	2"	2"
6	PIPE, STEEL, SCH 40, WELDED	G-8107	2"	2"
7	PIPE, STEEL, SCH 40, (THREADED X WELDED)	G-8107	2"	2"
8	FLANGE, FORGED STEEL, FLAT FACE, 150#, WELD NECK	ASME B16.5	4"	4"
9	(BLANK)	-	-	-
10	GASKET, RING, 150# (SEE NOTE L)	-	2"	2"
11	LUBRICATED PLUG VALVE	*	SIZE AS PER CON ED LAYOUT	
12	WALL SLEEVE, SCH 40 STEEL OR PVC PIPE		6"	8"
13	GASKET STRAINER, 150#, FULL FACE, 60 MESH (S.S.)	G-8220	4"	6"
14	GASKET, FULL FACE, 150# (SEE NOTE L)	-	4"	4"
15	GASKET, FULL FACE, 150# (SEE NOTE L)	-	2"	2"
16	FLANGE FORGED STEEL FLAT FACE, WELDED, 150#	ASME B16.5	4"	2"
17	ELBOW, 90 DEG, STEEL, WELDED, 150#	ASME B16.9	4" X 4"	6" X 4"
18	PIPE, STEEL SCH 40 (WELDED)	G-8107	4" X 20"	6" X 20"
19	ELBOW, 90 DEG STEEL, WELDED, 150#	ASME B16.9	4"	6"
20	PIPE, STEEL SCH 40 (WELDED)	G-8107	4" X 4"	6" X 6"
21	FLANGE FORGED STEEL FLAT FACE, 150#, WELD NECK	ASME B16.5	4"	6"
22	GASKET, FULL FACE, 150# (SEE NOTE L)	-	4"	6"
23	PIPE, STEEL, SCH 40 (WELDED X PLAIN END)	G-8107	4"	4"
24	PIPE, STEEL, SCH 40, LENGTH TO SUIT	G-8107	4"	6"
25	LUBRICATED PLUG VALVE (OPTIONAL)	*	4"	6"
26	FLANGE INSULATING KIT (SEE NOTE M)	*	4"	4"

*SEE YELLOW BOOK

NOTES:	
A.	ALL PIPE TO BE INSTALLED PLUMB AND LEVEL.
B.	ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CUSTOMER EXCEPT FOR THE SERVICE REGULATOR WHICH SHALL BE FURNISHED BY THE COMPANY FOR INSTALLATION BY THE CUSTOMER, AND THE METER AND GASKETS WHICH ARE FURNISHED AND INSTALLED BY THE COMPANY.
C.	FOR VENT REQUIREMENTS REFER TO E0-17118.
D.	DO NOT INCLUDE THE REGULATOR IN ANY PIPING PRESSURE TEST.
E.	(BLANK)
F.	EXCEPT FOR WHERE FLANGED COMPONENTS ARE CALLED FOR OR WHERE THE CUSTOMERS OPTS TO INSTALL A COMPRESSION COUPLING IN LIEU OF A FLANGE INSULATION KIT (SEE NOTE M), ALL METER PIPING (PIPING FROM HEAD OF SERVICE VALVE TO METER OUTLET) SHALL BE BUTT WELDED. ALL BUTT WELDS FROM THE HEAD OF SERVICE VALVE TO THE REGULATOR CLOSEST TO THE METER SHALL BE RADIOGRAPHED. FOR CUSTOMER DELIVERY PRESSURES EXCEEDING 5 PSIG, ALL BUTT WELDS ON METER PIPING SHALL BE RADIOGRAPHED.
G.	PIPING MUST BE LEFT BLANKED BY CONTRACTOR PRIOR TO METER INSTALLATION.
H.	INSTALLATIONS WITH VOLUME CORRECTOR SHOULD HAVE 24 INCHES MINIMUM CLEARANCE ABOVE THE METER PIPING.
I.	FOR ANY DOWNSTREAM PIPING BELOW GRADE, REFER TO SPEC. G-8205.
J.	ALL PIPING AND FITTINGS SHALL BE PAINTED WITH A SUITABLE TYPE OF PAINT FOR USE ON OUTDOOR METAL SURFACES.
K.	INSTALL PIPE SUPPORTS AS NEEDED. REFER TO SPEC. G-695.
L.	GASKET MATERIAL SHALL BE GARLOCK 3000 (1/16" THICK).
M.	AN INSULATED COMPRESSION COUPLING (ITEM 4) OR FLANGE INSULATING KIT (ITEM 26) SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE REGULATOR.
N.	DISTRIBUTION PIPING EXCLUDING METER PIPING MUST MEET ALL WELDING, SPECIAL INSPECTION, AND RADIOGRAPHY REQUIREMENTS OF THE NYC BUILDING CODE OR OTHER AUTHORITY HAVING JURISDICTION.
O.	FOR INSTALLATIONS HAVING BRANCH LINES THAT ARE SEPARATELY METERED AND/OR SPARATELY REGULATED, REFER TO SPEC G-703 FOR PIPE SIZING REQUIREMENTS.

BILL OF MATERIAL

METER CLASS	METER TYPE (TC OR TCID)	METER WEIGHT (LBS)	DIM "C"	DIM "D"	DIM "E"
38000RTC	RM38000TC (HIGH PRESSURE ONLY)	155	48"	42"	16"
23000RTC	RM23000TC (HIGH PRESSURE ONLY)	84	48"	TO	9.5"
16000RTC	16M175TC / RM16000TC	86	46"	70"	9.5"
11000RTC	11M175TC / RM11000TC	65	40"		9.5"

OUTDOOR INSTALLATION OF B-838 GAS REGULATORS - 2" X 4" FLANGED FOR CLASS 1100TC - 38000TC ROTARY METERS
 CONSOLIDATED EDISON COMPANY OF N.Y., INC.
 GAS ENGINEERING DEPT

METERING SPECIFICATIONS AND PROCEDURES VOLUME #3
 YELLOW BOOK

DATE 08/29/13 DWG. 502164 REV. 1
 LAST REV. 4/14/15 NO