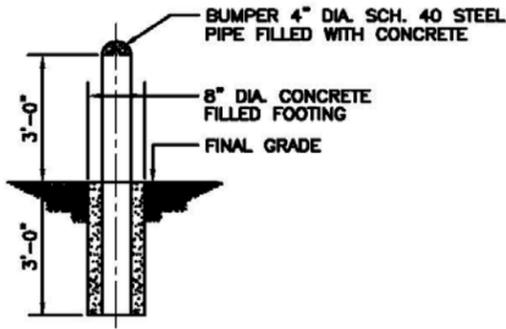


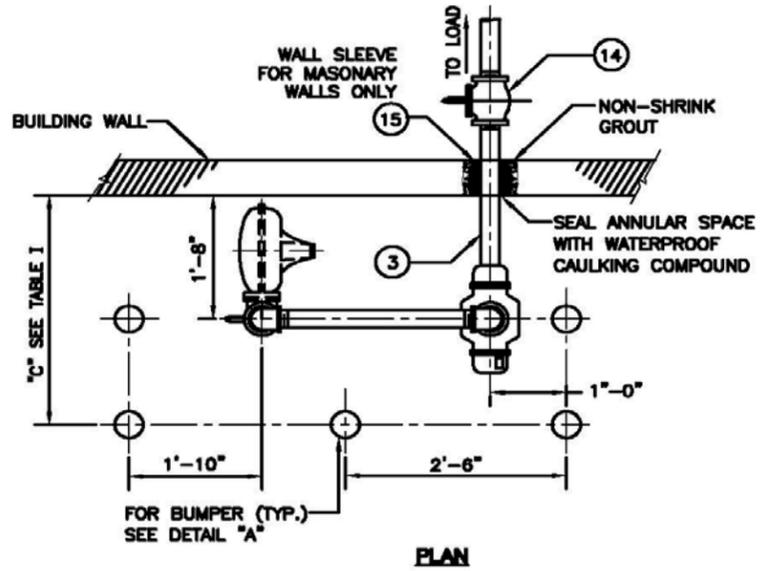
8-11991-03

- REVISIONS**
- 5 REDRAWN TO AUTOCAD CHG'D. TITLE, PRESSURE WEIGHT, TABLE IT ADDED NOTE h & i C.W. 8/21/99
  - 6 UPDATED DWG. REVISED NOTES, SIZES ON TABLE I TO 3'-0" & F.A.H. H.L. 4/22/98
  - 7 REVISED TABLE I FOR CLARITY ADDED 23M INFO REVISED TITLE C.P. 11/21/08
  - 8 REPLACED 23000RTC WITH 23000R FOR LOW PRESSURE INSTALLATIONS D.R.J. 8/24/09
  - 9 ADDED ITEMS 17 & 18 AND NOTE L. REVISED NOTE K. D.R.J. 3/1/12

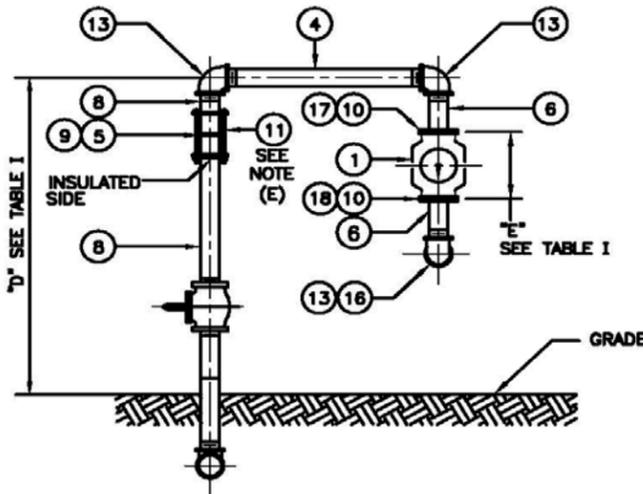


**DETAIL "A"**

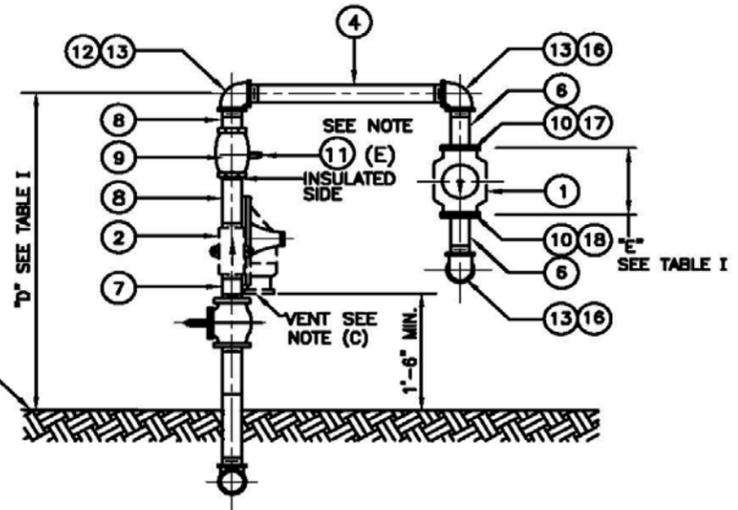
PROTECTION REQUIREMENTS WHERE GAS METER AND PIPING PROTRUDE INTO DRIVEWAY OR PARKING AREA AND IS EXPOSED TO DAMAGE BY VEHICLE



**PLAN**



**ELEVATION  
LOW PRESSURE**



**ELEVATION  
HIGH PRESSURE**

**NOTES**

- A - ALL PIPING SHALL 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 METER AND GASKETS WHICH ARE FURNISHED AND INSTALLED BY THE COMPANY.
- C - FOR VENT REQUIREMENTS REFER TO ED-17118
- D - DO NOT INCLUDE THE REGULATOR IN ANY PIPING PRESSURE TEST.
- E - INSTALL 1/8" THREADED PLUG.
- F - FOR WELDING REQUIREMENTS REFER TO BLUE BOOK
- G - PIPING MUST BE LEFT BLANKED BY CONTRACTOR PRIOR TO METER INSTALLATION.
- H - INSTALLATIONS WITH VOLUME CORRECTOR SHOULD HAVE 24 INCHES MINIMUM CLEARANCE ON TOP OF METER PIPING.
- I - FOR ANY DOWN STREAM 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 METAL SURFACES OUTDOOR.
- K - INSTALL PIPE SUPPORTS AS NEEDED. REFER TO SPEC. G-895.
- L - GASKET MATERIAL SHALL BE GARLOCK 3000 (1/16" THICK). GASKET STRAINER CONTAINS A 80 MESH STAINLESS STEEL SCREEN.

ITEM NO.	DESCRIPTION	PROC. OR SPEC. NO.	3000RTC	5000RTC	11000RTC	23000R	3000RTC	5000RTC	11000RTC
18	M X 1/16" 150 LB. FULL FACE BASKET (SEE NOTE L)		2"	3"	4"	6"	2"	3"	4"
17	M X 1/16" 150 LB. FULL FACE BASKET STRAINER (SEE NOTE L)	G-8220	2"	3"	4"	6"	2"	3"	4"
16	ELBOW 90° REDUCING, MALLEABLE IRON 150LB.	ANSI B16.3							4"x3"
15	WALL SLEEVE SCH. 40 P.V.C. OR STEEL PIPE		4"	6"	6"	8"	4"	6"	6"
14	LUBRICATED PLUG COMMENCEMENT VALVE INST. WHERE APPROPRIATE		2"	3"	4"	6"	2"	3"	4"
13	ELBOW 90° MALL. IRON 150LB.	ANSI B16.3	2"	3"	4"	6"	2"	3"	
12	ELBOW 90° REDUCING, MALLEABLE IRON 150LB.	ANSI B16.3						3"x2"	3"x2"
11	PIPE PLUG, STL. HEXAGON SOCKET	ANSI B16.4					1/8"	1/8"	1/8"
10	FLANGE FORGED STL. FLAT FACE, SCH. 150LB.	ANSI B16.5	2"	3"	4"	6"	2"	3"	4"
9	COMP. COUPLING INSULATED		2"	3"	4"	6"	2"	3"	4"
8	PIPE STL. SCH. 40 (SEE NOTE L)		2"	3"	4"	6"	2"	3"	4"
7	PIPE STL. SCH. 40						2"x2"	2"x2"	2"x2"
6	PIPE STL. SCH. 40		2 1/2"	3 1/2"	4 1/2"	6 1/2"	2 1/2"	3 1/2"	4 1/2"
5	COMP. COUPLING INSULATED						2"x2 1/2"	2"x2 1/2"	2"x2 1/2"
4	PIPE STL. SCH. 40		2 1/2"	3 1/2"	4 1/2"	6 1/2"	2 1/2"	3 1/2"	4 1/2"
3	PIPE STL. SCH. 40		2"	3"	4"	6"	2"	3"	4"
2	GAS SERVICE REGULATOR						2 1/2" 1/2"	2 1/2" 1/2"	2 1/2" 1/2"

\* SEE "REQUIREMENTS FOR GAS SERVICE INSTALLATIONS" BOOKLET.

METER CLASS	METER TYPE (TC OR TCD)	METER WEIGHT (LBS)	DIM. "C"	DIM. "D"	DIM. "E"
23000R	23M175 (LOW PRESSURE ONLY)	205	48"	42" TO 56"	16"
23000RTC	RM23000TC (HIGH PRESSURE ONLY)	84	48"		9.5"
16000RTC	16M175TC/RM16000TC	86	48"		9.5"
11000RTC	11M175TC/RM11000TC	85	40"		9.5"
7000RTC	7M175TC/RM7000TC	50	38"		9.5"
5000RTC	5M175TC/RM5000TC	36	38"		6.75"
3000RTC	3M175TC/RM3000TC	28	36"	6.75"	

TABLE I

**BILL OF MATERIAL**

**INSTALLATION OF METER PIPING FOR CLASS 3000R-TC TO CLASS 23000R-TC ROTARY METERS - OUTDOORS**

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

DATE	10/23/81	DWG. NO.	EO-16511-B	REV.	9
LAST REV.	3/1/12				

METERING SPECIFICATIONS AND PROCEDURES VOLUME #3  
GAS SERVICE BOOK