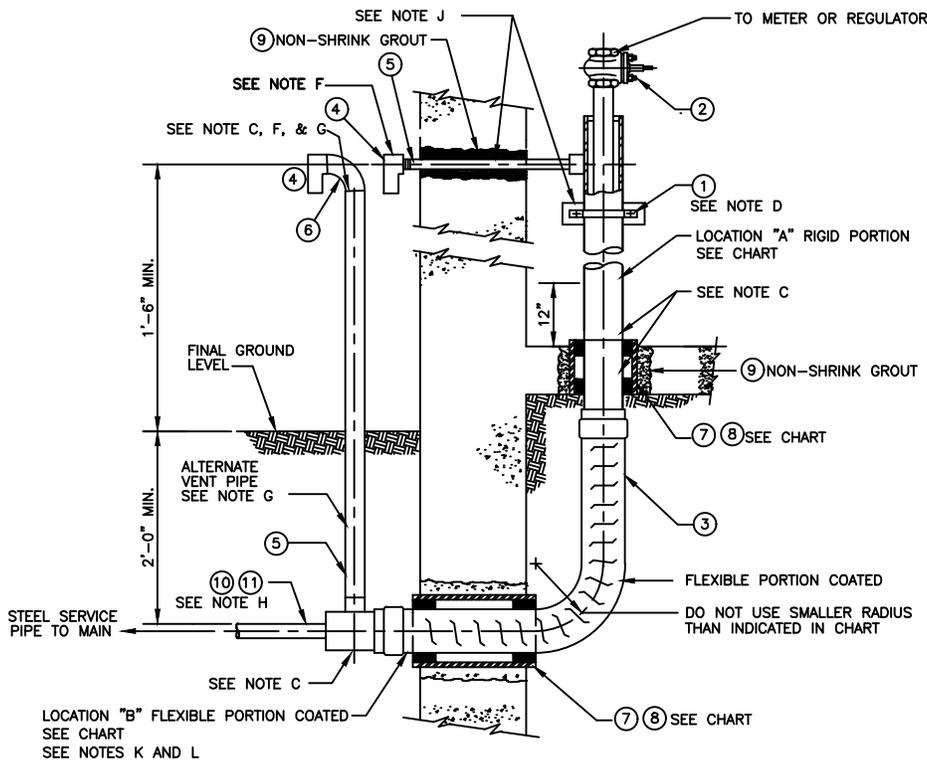


REVISIONS

J. NAPOLI 08/13/98	1	CHG'D. DWG. TO AUTOCAD DELETED ITEM 9 & 10, ADDED NEW ITEMS 9 & 10 AND NOTES 5 TO 11 UPDATED DWG. C.W
M. BALDOVIN 06/08/15	2	REVISED DRAWING NAME, CHART, NOTES, & BILL OF MATERIAL J.F.
F. FLYNN 07/02/20	3	REVISED NOTES C, F, & I ADDED NOTES K & L RAISED THREADED VENT CAP D.O.



CHART

SERVICE SIZE	(2) STOCK NO.	(3) STOCK NO.	LOCATION "A"					LOCATION "B"					
			(4) O.D. OF RIGID PORTION	(7) PIPE SLEEVE SIZE	(8) LINK-TYPE SEALS		(3) O.D. OF FLEXIBLE PORTION	(3) MIN. RADIUS OF FLEXIBLE	(7) PIPE SLEEVE SIZE	(8) LINK-TYPE SEALS			
			MODEL NO.	STOCK NO.	NO. LINKS REQUIRED				MODEL NO.	STOCK NO.	NO. LINKS REQUIRED		
3/4"	374-2350	NON-STOCK	1 1/4"	3"	LS-275/IL-275	NON-STOCK	8	2.375"	6 1/2"	4"	LS-200/IL-200	341-1048	9
1"	374-0248	NON-STOCK	1 1/2"	3"	LS-200/IL-200	341-1048	6	2.375"	6 1/2"	4"	LS-300/IL-300	341-0750	6
1 1/2"	374-2095	341-3846	2 1/2"	4"	LS-200/IL-200	341-1048	9	3.375"	11 1/2"	5"	LS-300/IL-300	341-0750	9
2"	374-0321	341-3838	3"	5"	LS-300/IL-300	341-0750	9	4"	14 1/2"	6"	LS-315/IL-315	NON-STOCK	10

BILL OF MATERIAL

ITEM NO.	DESCRIPTION	STOCK NO.	SPEC. OR DWG. NO.
1	PIPE CLAMP AND INSULATOR	-	-
2	LUBRICATED PLUG VALVE	SEE CHART	G-100,298
3	FLEXIBLE GAS SERVICE - SLEEVE UNIT	SEE CHART	EO-16542-B
4	THREADED VENT CAP - 3/4"	338-5622	-
5	VENT PIPE - 3/4" NIPPLE, STD, BLACK STEEL, T HREADED	320-1746	-
6	VENT ELBOW - 3/4" 90° STREET, SCREWED	332-1155	-
7	STEEL OR PVC PIPE SLEEVE	-	G-8096
8	LINK-TYPE SEALS	SEE CHART	G-8096
9	NON-SHRINK GROUT	-	-
10	17# ANODE	079-0030	G-8102/G-8205
11	32# ANODE	079-0048	G-8102/G-8205

NOTES:

- A THE FLEXIBLE SLEEVE ELBOW UNIT AND ATTACHED PIPING MUST BE ADEQUATELY SUPPORTED TO PREVENT MOVEMENT OR STRESS IN THE FLEXIBLE SECTION.
- B IN NO CASE SHALL THE FLEXIBLE SECTION OF THE FLEXIBLE SLEEVE ELBOW UNIT BE INSTALLED WITHIN OR ABOVE THE FLOOR SLAB.
- C COAT EXPOSED SECTIONS OF STEEL TO A POINT 12" ABOVE GRADE. REPAIR ALL DAMAGED COATING AND COAT BARE FITTING(S) AND PIPE (INCLUDING STEEL CARRIER PIPE) IN ACCORDANCE WITH G-8205.
- D INSULATE THE PIPE AT THE POINT OF CONTACT WITH THE PIPE CLAMP.
- E VERIFY VENT PIPING AND ANNULAR SPACE OF FLEXIBLE SLEEVE ELBOW UNIT IS GAS TIGHT BY PRESSURE TESTING AT 3 PSIG FOR 5 MINUTES AND DOCUMENTING SAME ON THE BACK OF THE 50-13R.
- F VENT PIPE MUST BE PROPERLY SUPPORTED AND TERMINATE OUTDOORS WITH A VENT CAP FACING DOWNWARD. VENT CAP SHALL BE LOCATED A MINIMUM OF 18" ABOVE GRADE AND A MINIMUM OF 18" (WHEN PRACTICAL) FROM ANY OPENING INTO THE BUILDING WHICH COULD ALLOW VENTED GAS TO ENTER THE BUILDING. THE VENT CAP SHALL BE RAIN AND INSECT REPELLENT. SEE ALSO EO-17118
- G WHEN INSTALLING THE ALTERNATE VENT PIPING, INSTALL A VENT CAP TO A 3/4" 90° STREET ELBOW FACING AWAY FROM THE BUILDING OR FACING TO THE SIDE, HUGGING THE WALL.
- H WHEN CONNECTING THE FLEXIBLE SLEEVE ELBOW UNIT TO A PLASTIC OR COPPER TUBING SERVICE, INSTALL AN ANODE BAG TO THE STEEL SERVICE PIPE. SERVICE PIPE UP TO 1 1/2" = 17# ANODE BAG. 2" SERVICE PIPE = 32# ANODE BAG.
- I THE CARRIER PIPING OF THE FLEXIBLE SLEEVE ELBOW UNIT SHALL BE PRESSURE TESTED IN CONJUNCTION WITH THE SERVICE PRESSURE TEST. REFER TO G-8204
- J DIRECT CONTACT OF GAS PIPE, SLEEVE PIPING, OR STEEL BRACE TO BUILDING STEEL IS UNACCEPTABLE.
- K WHEN AN UNPROTECTED STEEL GAS PIPE (PIPELINES INSTALLED BEFORE 1972) IS EXPOSED FOR ANY REASON, A 32 LB. "HOT SPOT" MAGNESIUM ANODE SHALL BE INSTALLED (IF THE GAS PIPE IS SCHEDULED FOR REPLACEMENT, NO ANODE SHALL BE INSTALLED). THE ANODE WIRE SHALL BE ATTACHED DIRECTLY TO THE PIPE WITH NO TEST STATION. ALL ANODES SHALL BE SHOWN ON THE "AS CONSTRUCTED." REFER TO G-8205.
- L BY VIRTUE, THE NEW FLEXIBLE SLEEVE ELBOW IS CONSIDERED CATHODICALLY PROTECTED WHEN CONNECTED TO A CATHODICALLY PROTECTED STEEL SERVICE. IF THE FLEXIBLE SLEEVE ELBOW IS CONNECTED TO AN UNPROTECTED/PRE-1972 STEEL SERVICE OR PLASTIC SERVICE, IT SHALL BE ISOLATED AND PROTECTED WITH A MAGNESIUM ANODE TEST STATION AND A "NEW STEEL GAS PIPE CORROSION RECORD" MUST BE COMPLETED. REFER TO G-8205.

INSTALLATION OF FLEXIBLE SLEEVE ELBOW UNIT WHERE GAS SERVICE ENTERS FROM BENEATH BUILDING PRESSURE NOT EXCEEDING 99 PSI.

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

DATE 04/05/82 DWG. EO-16546-B REV. 3
LAST REV. 07/02/20 NO.