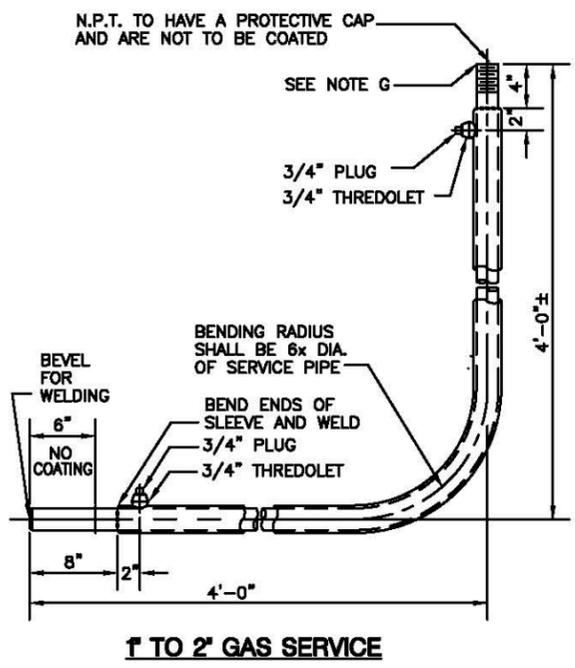
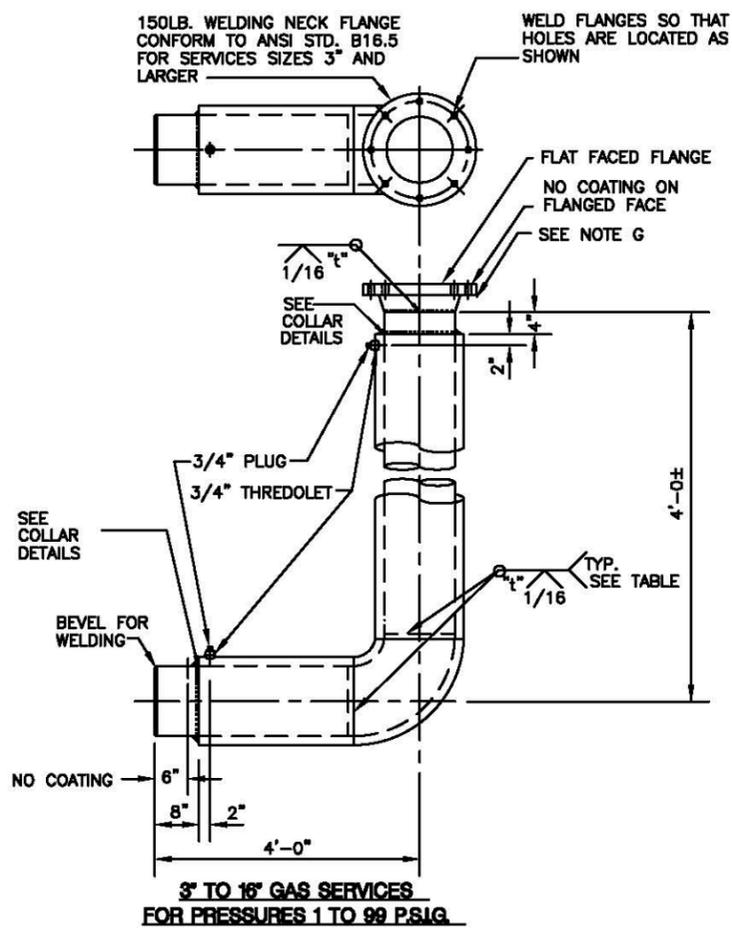
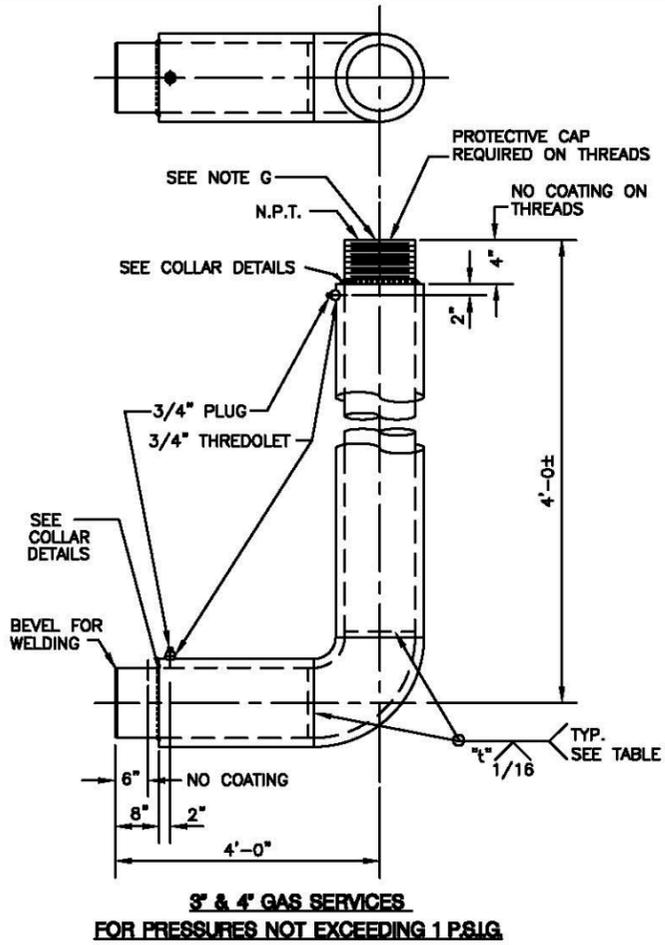
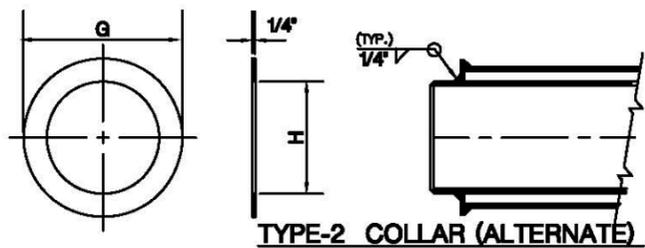
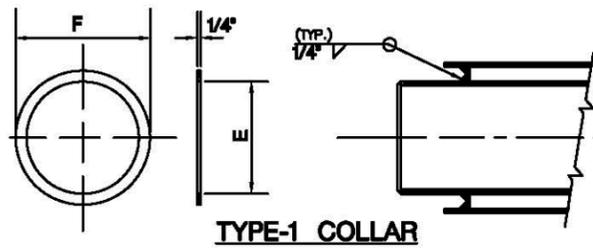


EO-12790-B

REVISIONS

B.DIGVANNI 6/23/98	12
REDRAWN TO AUTOCAD, UPDATED DWG. AND CHGD. SPEC. F2 C.W 6/18/97	
P. LONSETH	13
CHANGED TITLE. REMOVED SCOTCHKOTE 208 N FROM NOTE F2. ADDED NOTE G RAJ. 9/21/05	
D. MIRDA 7/15/10	14
REVISED TITLE. DELETED 3/4" ELBOW UNIT. REVISED NOTE F1 TO UPDATE STANDARD NAME REWORDED NOTE G. CLARIFIED COLLAR DETAILS. CORRECTED "F" DIM. FOR TYPE 1 COLLAR FOR 4" SVC. PIPE. ADDED REFERENCE TO COLLAR DETAILS.	
H. D. 07/13/10	



- NOTES:**
- A) STEEL PIPE SHALL CONFORM TO A.S.T.M. A 53 OR API 5L
 - B) WELDS SHALL BE MADE IN ACCORDANCE WITH API 1104. THE MINIMUM DEPTH OF BUTT WELD "t" SHALL BE EQUAL TO WALL THICKNESS OF PIPE SLEEVE.
 - C) SERVICE PIPE AND SLEEVE SHALL BE TESTED INDEPENDENTLY FOR LEAKS AT 150 P.S.I.G. AND OBSERVED FOR ANY DROP IN PRESSURE FOR 10 MINUTES DURATION.
 - D) ALL WELDS SHALL BE CHECKED USING LEAK DETECTION SOLUTION DURING THE LEAK TEST.
 - E) ALL WELDING FITTINGS SHALL CONFORM TO ANSI B16.9.
 - F) EXTERIOR SURFACE OF ENTIRE ASSEMBLY SHALL BE COATED AFTER FABRICATION AS FOLLOWS:
 - F1. SANDBLAST TO A NEAR WHITE METAL FINISH AS PER NACE NO. 2/SSPC-SP 10.
 - F2. APPLY ONE OF THE FOLLOWING COATINGS IN ACCORDANCE WITH THE COATING MANUFACTURERS RECOMMENDED PROCEDURES AT THE MINIMUM DRY FILM THICKNESS SHOWN BELOW.

MANUFACTURER	COATING	MINIMUM DRY FILM THICKNESS
BITUMASTIC	NO. 300-M	20MILS (BRUSH APPLIED)
3M	SCOTCHKOTE 312	20MILS (BRUSH APPLIED)
COOK	NO. 1500	18MILS (FACTORY APPLIED)
 - F3. MANUFACTURERS COATING APPLICATION IS TO BE APPROVED BY CORROSION CONTROL.
 - G) MANUFACTURER'S NAME TO BE PLACED ON TESTED UNIT WITHIN 6" FROM THE THREADED OR FLANGED END.

TABLE FOR 3" TO 16" GAS SERVICES

SERVICE PIPE STD.	SLEEVE STD.	PIPE SIZE OF 90° WELDING ELBOWS (STD.)		WELDING NECK FLANGE	PIPE THREAD	COLLAR DIMENSIONS			
		LG. RAD.	SH. RAD.			E	F	G	H
3"	5"	3"	5"	150#	3"	3 5/8"	4 15/16"	7 9/16"	3 5/8"
4"	6"	4"	6"	150#	4"	4 5/8"	5 15/16"	8 5/8"	4 5/8"
6"	8"	6"	8"	150#	---	6 3/4"	7 15/16"	10 5/8"	6 3/4"
8"	10"	8"	10"	150#	---	8 3/4"	9 7/8"	12 3/4"	8 3/4"
10"	14"	10"	14"	150#	---	10 7/8"	13 1/8"	16"	10 7/8"
12"	16"	12"	16"	150#	---	12 7/8"	15 1/8"	18"	12 7/8"
16"	20"	16"	20"	150#	---	16 1/8"	19 1/8"	22"	16 1/8"

90 ELBOW UNITS

SIZE	STOCK NO.
1"	338-6604
1 1/2"	338-6612
2"	338-6620
3" THD	338-6638
4" THD	338-6646
6"	338-6653

TABLE FOR 1" TO 2" GAS SERVICE

SERVICE PIPE	SLEEVE
1" EXTRA STR.	1 1/2" STD.
1 1/2" STD.	2" STD.
2" STD.	2 1/2" STD.

REFERENCE DWG:
INSTALLATION - - - - - EO-16629-A

**RIGID SLEEVED ELBOW UNIT
1" TO 16" UP TO
99 PSIG MAX. OPERATING PRESSURE**

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

DATE 4/27/66
LAST REV. 7/15/10

DWG. NO. **EO-12790-B** REV. **14**

GAS OPERATIONS
PURCHASE AND TEST
STANDARDS
VOLUME NO. 6