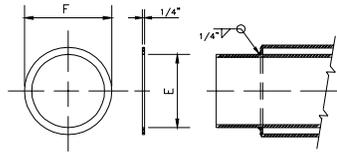


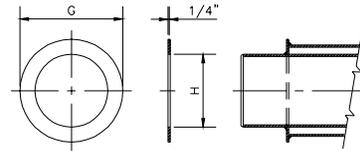
EO-12790-B

REVISIONS

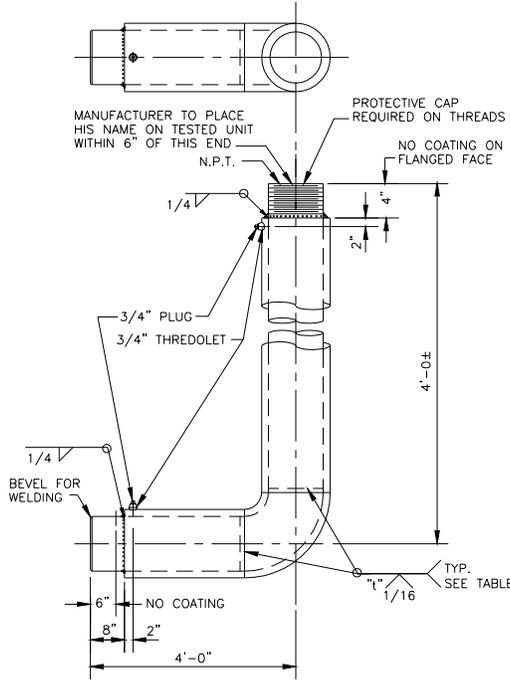
B. DIGIVANNI	12
REDRAWN TO AUTOCAD, UPDATED DWG. AND CHGD. SPEC. I ₂	
C.W. 6/18/97	



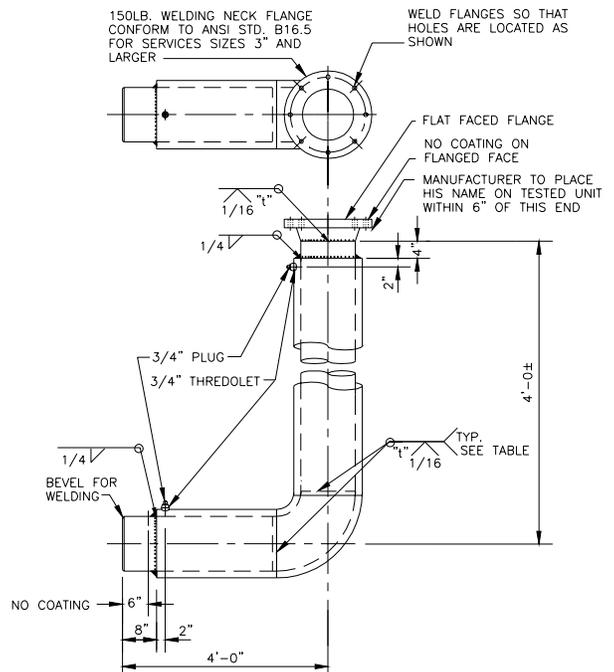
TYPE-1 COLLAR



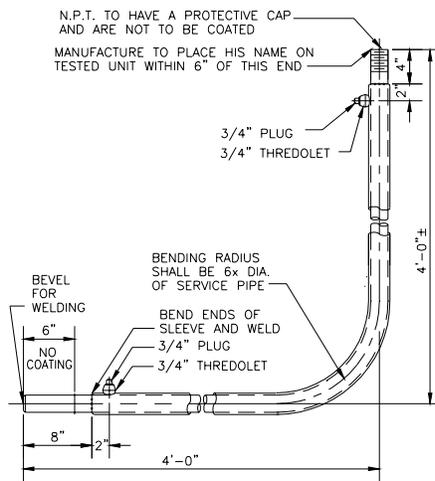
TYPE-2 COLLAR



3 & 4" GAS SERVICES WITH PRESSURES NOT EXCEEDING 1 P.S.I.G.



6" TO 16" GAS SERVICES AND 3" & 4" GAS SERVICES WITH PRESSURES 1 P.S.I.G. (100 P.S.I.G. MAX)



3/4" TO 2" GAS SERVICE

SPECIFICATIONS:

- 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 "L" 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 WELDES SHALL BE CHECKED USING LEAK DETECTION SOLUTION DURING THE LEAK TEST.
- E) ALL WELDING FITTINGS SHALL CONFORM TO ANSI 16.9.
- F) EXTERIOR SURFACE OF ENTIRE ASSEMBLY SHALL BE COATED AFTER FABRICATION AS FOLLOWS:
 - F1. SANDBLAST TO A NEAR WHITE METAL FINISH AS PER STEEL STRUCTURES PAINTING COUNCIL- SURFACE PREPARATION NO. 10 (SSPC-SP10).
 - F2. APPLY ONE OF THE FOLLOWING COATINGS IN ACCORDANCE WITH THE COATING MANUFACTURERS RECOMMENDED PROCEDURES AT THE MINIMUM DRY FILM THICKNESS SHOWN BELOW.

COATING	COATING	MINIMUM DRY FILM THICKNESS
BITUMASTIC	NO. 300-M	20MILS (BRUSH APPLIED)
3M	SCOTCHKOTE 312	20MILS (BRUSH APPLIED)
3M	SCOTCHKOTE 206N	12MILS (FACTORY APPLIED)
COOK	NO. 1500	18MILS (FACTORY APPLIED)
 - F3. MANUFACTURERS COATING APPLICATION IS TO BE APPROVED BY CORROSION OPERATIONS.

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.			TYPE 1		TYPE 2	
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 1/2"	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"

REFERENCE DWG:

INSTALLATION - - - - - EO-16629-A

90 ELBOW UNITS

SIZE	STOCK NO.
3/4"	338-6596
1"	338-6604
1 1/2"	338-6612
2"	338-6620
3"	338-6638
4"	338-6646
6"	338-6653

TABLE FOR 3/4", 1 1/2" & 2" GAS SERVICE

SERVICE PIPE	SLEEVE
3/4" EXTRA STR.	1 1/4" STD.
1" EXTRA STR.	1 1/2" STD.
1 1/2" STD.	2" STD.
2" STD.	2 1/2" STD.

90° GAS SERVICE - SLEEVE ELBOW UNIT
3/4" TO 16" SERVICES UP TO 100 P.S.I.G. MAX. OPERATING PRESSURE

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

DATE 4/27/66	DWG. NO. EO-12790-B	REV. 12
LAST REV. 6/18/97		

GAS OPERATIONS PURCHASE AND TEST STANDARDS VOLUME NO. 6

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED

DRAWN BY C. WILLIAMS	DATE 8/30/95	CHECKED BY	DATE
DISCIPLINE CODE 69970-GE	SCALE 1" = 1 1/2" = 1'-0"		
APPROVED			
B. DIGIVANNI			DATE
T. CHIZINSKI CHIEF GAS ENG.			DATE