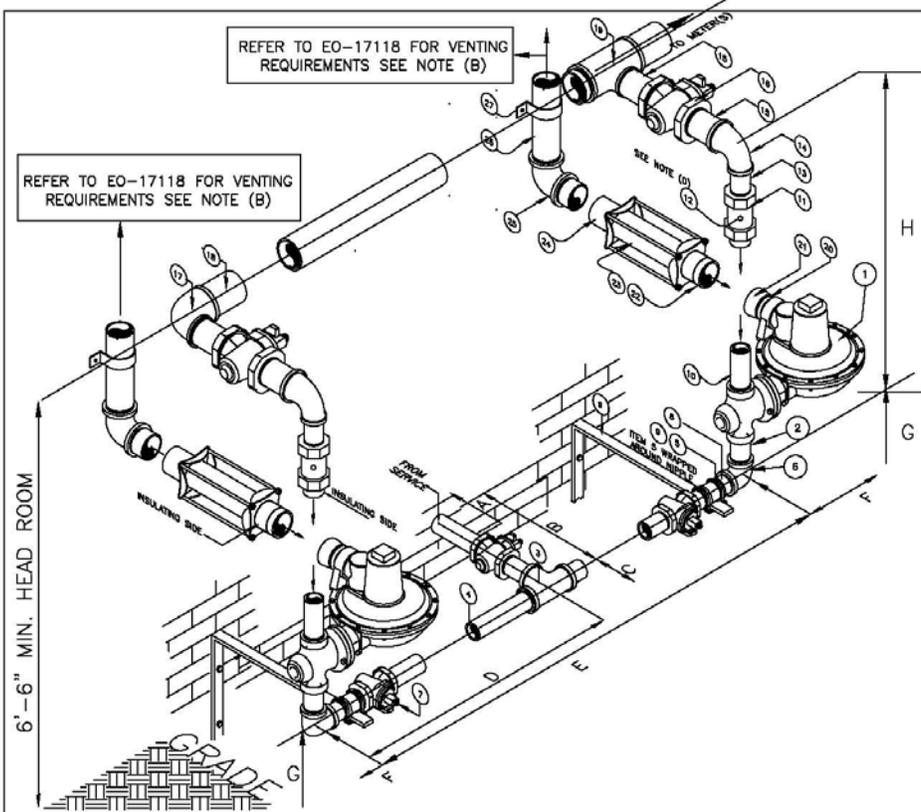


12-0-86H-03

REVISIONS

K. LOOK 24  
 RETURN TO CAD. REMOVED VENT SIZE AND ASSOCIATED NOTES. ADDED REFERENCE TO DWG EO-17118.  
 REVISED BILL OF MATERIAL.  
 CHANGE COLOR.  
 P.L.S. 6/14/07



ITEM NO.	DESCRIPTION	SPEC. OR DWG. NO.	SIZE IN INCHES		
27	PIPE STRAP, IRON	---	3/4	1	3
26	PIPE, STD., BLACK STEEL	---	3/4	1	3
25	ELBOW, 90° BLACK MALLEABLE IRON, 150 LB.	ANSI B16.3	3/4	1	3
24	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)	---	3/4x7	1x7	3x7 1/2
23	COMPRESSION COUPLING, INSULATED	*	3/4	1	3
22	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)	---	3/4x4 1/2	1x4 1/2	3x5
21	REDUCER, BLACK MALLEABLE IRON, 150 LB.	ANSI B16.3	---	---	3 x 2 1/2
20	NIPPLE, STD., BLACK STEEL	---	3/4x2	1x2	2 1/2x3
19	TEE, REDUCING, BLACK MALLEABLE IRON, 150 LB.	ANSI B16.3	2x2x1 1/2	3x3x2	4x4x3
18	PIPE, STD., BLACK STEEL	---	2	3	4
17	ELBOW, 90° REDUC., BLK. MALLEABLE IRON, 150 LB.	ANSI B16.3	2x1 1/2	3x2	4x3
16	VALVE, LUBRICATED PLUG	*	1 1/2	2	3
15	NIPPLE, STD., BLACK STEEL	---	1 1/2x2	2x2 1/2	3 x 3 1/2
14	ELBOW, 90° REDUC., BLK. MALLEABLE IRON, 150 LB.	ANSI B16.3	1 1/2x1	2x1 1/4	3x2
13	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)	---	1x8	1 1/4x8	2x9
12	PIPE PLUG, STEEL, HEXAGON SOCKET	ANSI B16.14	1/8	1/8	1/8
11	COMPRESSION COUPLING, INSULATED (SEE NOTE "D")	*	1	1 1/4	2
10	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)	---	1x4 1/2	1 1/4x4 1/2	2x5
9	SUPPORT, U BOLTS WITH CLAMPING PLATES	G-695	22x26	22x26	22x26
8	NIPPLE, STD., BLACK STEEL	---	1x4	1x4	2 x 4 1/2
7	VALVE, LUBRICATED PLUG	*	1	1	2
6	ELBOW, 90°, BLACK MALLEABLE IRON, 150 LB.	ANSI B16.3	1	1	2
5	INSULATING MATERIAL, BAKELITE, NEOPRENE OR EQUIVALENT.	---	1/8" THICK (MIN) AS REQUIRED	---	---
4	PIPE, STD., BLACK STEEL	---	1	1	2
3	TEE, BLACK MALLEABLE IRON, 150 LB.	ANSI B16.3	1	1	2
2	NIPPLE, STD., BLACK STEEL	---	1x4	1x4	2 x 2 1/2
1	GAS SERVICE REGULATOR (INLET x OUTLET x VENT SIZE)	G-48	1x1x3/4	1 x 1 1/4	2x2x 1/2

**NOTES:**

A - ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CUSTOMER EXCEPT SERVICE REGULATORS WHICH SHALL BE FURNISHED BY THE COMPANY FOR INSTALLATION BY CUSTOMER.

B - VERIFY VENT PIPING TO BE GAS TIGHT BY APPLYING A MINIMUM OF 3 PSIG AND TESTING CONNECTIONS WITH LEAK DETECTION SOLUTION.

C - DO NOT INCLUDE SERVICE REGULATOR IN ANY PIPING PRESSURE TEST.

D - INSTALL 1/8" PIPE PLUG AS SHOWN.

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

TABLE 1

DIMENSION	PIPING MEASUREMENTS & CLEAR SPACE REQUIREMENTS	
A	1' - 0"	1' - 6"
B	1' - 0"	2' - 0"
C	3'-0" MIN CLEAR SPACE	3'-0" MIN CLEAR SPACE
D	1' - 0"	1' - 6"
E	2' - 0"	2' - 10"
F	1'-2" MIN CLEAR SPACE	1'-9" MIN CLEAR SPACE
G	2' - 0" MIN	2' - 0" MIN
H	1' - 7"	2' - 2"
GAS SERVICE REGULATOR SIZE	1"	2"

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO. 3

**SPEC. G-414**

**INSTALLATION OF TWIN GAS REGULATORS INDOORS ( 1" TO 2" )**

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

DATE 5/18/06 DWG. NO. **EO-14166** REV. **24**  
 LAST REV. 6/14/07