

384872

REVISIONS

G. LUDWIG 10/3/12 0

DRAWING ISSUED.

D.J. 10/3/12

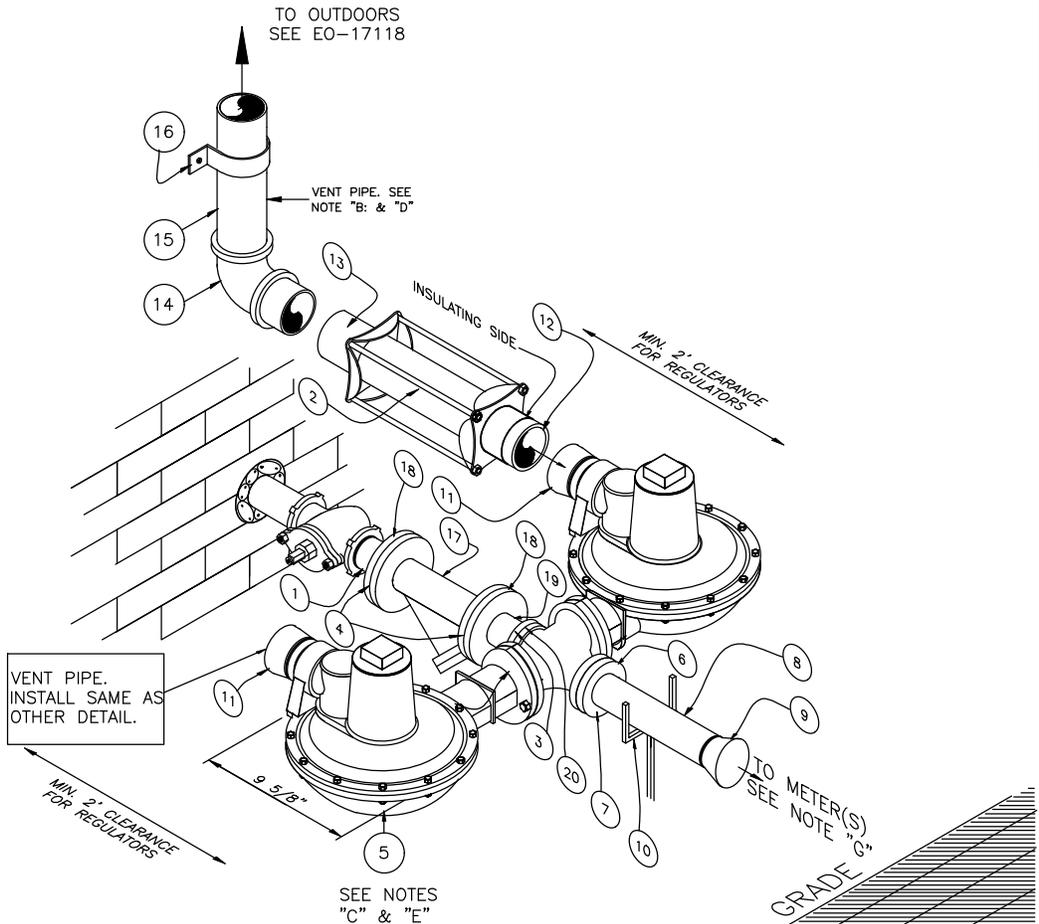
G. LUDWIG 4/14/15 1

REVISED WELDING REQUIREMENTS AND BILL OF MATERIALS. ADDED "Y" STRAINER AND NOTES "F", "G", AND "H". ADDED REFERENCE TO YELLOW BOOK. P.S. 12/11/14

M. BURR 4/28/25 2

"Y" STRAINER POSITIONING NOTE ADDED. NOTE I ADDED.

R.R. 4/28/25



VENT PIPE. INSTALL SAME AS OTHER DETAIL.

MIN. 2' CLEARANCE FOR REGULATORS

SEE NOTES "C" & "E"

GRADE

NOTES:

- A. ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CUSTOMER EXCEPT THE SERVICE REGULATOR UNIT WHICH SHALL BE FURNISHED BY THE COMPANY FOR INSTALLATION BY THE 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. VENT PIPE TO BE SIZED USING EO-17118.
- E. REGULATOR UNIT MAY BE INSTALLED IN THE VERTICAL POSITION, SO LONG AS THE CLEAN OUT SIDE OF THE Y STRAINER IS FACING DOWNWARD IN THE CORRECT DIRECTION OF GAS FLOW.
- F. EXCEPT FOR WHERE FLANGED COMPONENTS ARE CALLED FOR, ALL METER PIPING (PIPING FROM THE HEAD OF SERVICE VALVE TO METER OUTLET) SHALL BE BUTT WELDED. ALL BUTT WELDS FROM THE HEAD OF SERVICE VALVE TO THE REGULATOR CLOSEST TO THE METER SHALL BE RADIOGRAPHED. FOR CUSTOMER DELIVERY PRESSURES EXCEEDING 5 PSIG, ALL BUTT WELDS ON METER PIPING SHALL BE RADIOGRAPHED.
- G. DISTRIBUTION PIPING EXCLUDING METER PIPING MUST MEET ALL WELDING, SPECIAL INSPECTION, AND RADIO-GRAPHY REQUIREMENTS OF THE NYC BUILDING CODE OR OTHER AUTHORITY HAVING JURISDICTION.
- H. FOR INSTALLATIONS HAVING BRANCH LINES THAT ARE SEPARATELY METERED AND/OR SEPARATELY REGULATED, REFER TO SPEC G-703 FOR PIPE SIZING REQUIREMENTS.
- I. INSULATING MATERIAL MUST BE INSTALLED BETWEEN THE PIPE SUPPORT AND THE PIPE TO BE SUPPORTED, SO THAT THE PIPE NEVER MAKES CONTACT WITH THE SUPPORT.

INSTALLATION OF B-838 GAS REGULATOR UNIT INDOORS

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

DATE CREATED 10/3/12 DWG. NO. 384872 REV. 2

LAST REVISED 4/28/25

ITEM NO.	DESCRIPTION	SPEC OR DWG. NO.	SIZE IN INCHES
20	GASKET, FULL FACE, 150 LB (GARLOCK 3000)	---	2 x 1/16
19	PIPE, STEEL, SCH. 40	G-8107	2
18	FLANGE, STEEL, RAISED FACE, WELDED, 150 LB	ASME B16.5	2
17	"Y" STRAINER, FLANGED RAISED FACE, 150 LB	*	2
16	PIPE STRAP, IRON	---	3
15	PIPE, STD., BLACK STEEL	---	3
14	ELBOW, 90° BLACK MALLEABLE IRON, 150 LB.	ASME B16.3	3 x 3
13	PIPE, STD., BLACK STEEL (THREAD ONE END)	---	3
12	PIPE, STD., BLACK STEEL (THREAD ONE END)	---	3 x 5
11	REDUCER, BLK., MALLEABLE IRON, 150 LB	ASME B16.3	3 x 2 1/2
10	PIPE SUPPORTS	G-695	---
9	REDUCER, STEEL, WELDED, 150 LB. (IF REQUIRED)	ASME B16.9	4 x M
8	PIPE, STEEL, SCH. 40	G-8107	4 x 4
7	FLANGE, STEEL, FLAT FACE, WELDED, 150 LB.	ASME B16.5	4
6	FLANGE INSULATING KIT	*	4
5	B-838 GAS SERVICE REGULATOR UNIT, FLANGED	G-48	2 x 4
4	GASKET, RING, 150 LB (GARLOCK 3000)	---	2 x 1/16
3	FLANGE, STEEL, FLAT FACED, WELDED, 150 LB.	ASME B16.5	2
2	COMPRESSION COUPLING, INSULATED	*	3
1	PIPE, STEEL, SCH. 40, THREAD ONE END	G-8107	2

BILL OF MATERIAL

* SEE YELLOW BOOK

METERING SPECIFICATIONS AND PROCEDURES VOLUME NO. 3 YELLOW BOOK