

81121-03

REVISIONS

0	DRAWING ISSUED ON 4/06/06
1	RAJ 4/06/06 G. LUDWIG 6/8/11 ADDED EQUIV. LENGTH FOR 4" 90° ELBOW. D.J. 6/8/11
2	G. LUDWIG 3/19/12 ADDED DETAIL FOR OUTDOOR REGULATOR H.D. 2/24/12
3	G. LUDWIG 10/3/12 ADDED B838 TO TABLE 1. D.J. 10/3/12

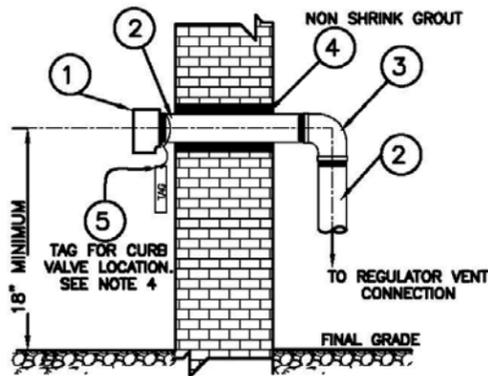
5	CURB VALVE LOCATION TAG				
4	NON-SHRINK GROUT				
3	ELBOW 90°, BLACK MALLEABLE IRON, 150 LB.	3/4"	1"	3"	ANSI 16.3
2	NIPPLE, STD, BLACK STEEL, THREADED.	3/4"	1"	3"	ASTM A-53 GRADE B
1	PECK VENT CAP OR 90° ELBOW WITH SCREEN	3/4"	1"	3"	ANSI B2
ITEM NO.	DESCRIPTION	1" x 1" x 3/4"	1" x 1 1/4" x 1"	2" x 2" x 2 1/2"	G-48
		GAS REGULATOR SIZES - INLET X OUTLET X VENT			SPEC / DWG. NO.

BILL OF MATERIAL

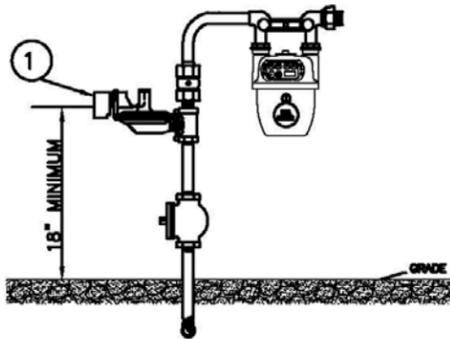
**UP TO 20'	3/4"	1"	3"	2"
**21' TO 40'	1"	1 1/2"	4"	2"
OVER 40'	CONTACT GAS MEASUREMENT			2"
	1" x 1" x 3/4"	1" x 1 1/4" x 1"	2" x 2" x 2 1/2" B838	99, 133, 1098 EZR
	GAS REGULATOR SIZES - INLET X OUTLET X VENT			FISHER GAS REGULATOR*

TABLE 1

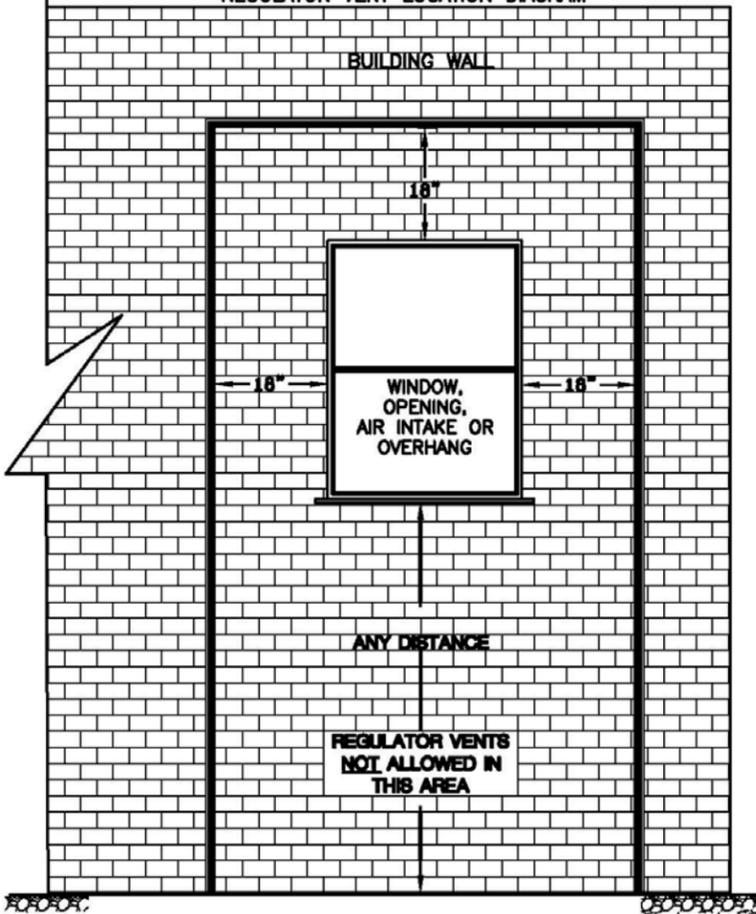
FOR INDOOR REGULATOR



FOR OUTDOOR REGULATOR



REGULATOR VENT LOCATION DIAGRAM



VENT REQUIREMENT NOTES

- VENT PIPE MUST:
 - BE GAS TIGHT.
 - BE PROPERLY SUPPORTED.
 - TERMINATE OUTDOORS WITH A VENT CAP FACING DOWNWARD.
 - BE SIZED ACCORDING TO TABLE 1. FOR VENTS LONGER THAN 20 EQUIVALENT FEET, THE ENTIRE LENGTH OF VENT PIPE SHALL BE THE LARGER PIPE SIZE.
- VENT OUTLET (SEE REGULATOR VENT LOCATION DIAGRAM):
 - SHALL NOT BE LOCATED DIRECTLY UNDER A WINDOW OR ANY OPENING LEADING BACK INTO THE PREMISES REGARDLESS OF THE VERTICAL DISTANCE FROM THE VENT DISCHARGE TO THE OPENING.
 - SHALL NOT BE LOCATED DIRECTLY BELOW ANY OVERHANG OR PROJECTION WHERE GAS CAN ACCUMULATE REGARDLESS OF THE VERTICAL DISTANCE FROM THE VENT DISCHARGE TO THE OVERHANG.
 - IF THE VENT OUTLET IS LOWER THAN OR ADJACENT TO ANY OPENING, IT MUST BE LATERALLY OFFSET BY A MINIMUM OF 18" FROM THE NEAREST VERTICAL LINE OF ANY OPENING, OR PROJECTION THAT COULD ALLOW VENTED GAS TO ENTER THE BUILDING OR ACCUMULATE.
 - IF THE VENT OUTLET CANNOT BE LATERALLY OFFSET BY AT LEAST OF 18", IT MUST DISCHARGE ABOVE AND AWAY FROM ANY BUILDING OPENING, OVERHANG, PROJECTION OR POWERED INTAKE BY AT LEAST 18".
- VENT CAP SHALL:
 - BE A WEATHER AND INSECT RESISTANT FITTING, E.G., A PECK VENT.
 - NOT BE COVERED IN ANY WAY THAT WOULD PREVENT THE FREE FLOW TO THE OUTSIDE.
- INSTALL TAG (PER G-8028) TO IDENTIFY THE CURB VALVE LOCATION. IN NYC IF THE VENT CAP USED IS NOT WORDED " GAS " OR " GAS VENT ", THEN THIS WORDING MUST BE INCLUDED ON THE CURB VALVE LOCATION TAG, ANOTHER TAG, OR A SIGN ON THE BUILDING (SEE G-11838).

** CONSIDER EACH 90° ELBOW TO BE EQUIVALENT TO STRAIGHT PIPE LENGTHS AS FOLLOWS:

3/4" = 2', 1" = 2', 3" = 7', 4" = 10'

*CUSTOMER TO INSTALL 2" VENT PIPING FROM OUTDOOR VENT CAP ALONG INSIDE WALL TO A POINT WITHIN 2 FEET OF EACH REGULATOR RUN. COMPANY TO MAKE FINAL CONNECTION TO VENT LINE.

METERING SPECIFICATIONS AND PROCEDURES VOLUME #3

GAS SERVICE BOOK

REGULATOR VENT INSTALLATION

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

DATE 2/8/05
LAST REV. 10/3/12

DWG. NO. EO- 17118 REV.3