



SETTING A
REMOVABLE
BY-PASS

SETTING B - LOW PRESSURE SUPPLY

THE STANDARD DRAWING DEPICTED HERE HAS BEEN DESIGNED IN ACCORDANCE WITH USDOT PIPELINE SAFETY STANDARDS SET FORTH AT 49 CFR PART 192, AND THE REQUIREMENTS OF NFPA 54. DEVIATION FROM THIS DRAWING, EITHER IN MATERIALS OR SPECIFICATIONS, WITHOUT THE WRITTEN APPROVAL OF THE NISOURCE INC. DESIGN ENGINEER IS NOT AUTHORIZED, AND NISOURCE, INC. WILL NOT BE HELD ACCOUNTABLE FOR THE IMPROPER OPERATION OF THE FACILITY. A QUALIFIED PLUMBER, OTHER INSTALLER OR THE MANUFACTURER SHOULD BE CONSULTED FOR PROPER INSTALLATION AND/OR TESTING OF THIS FACILITY, AND NEITHER NISOURCE, INC. NOR ANY AFFILIATE OR SUBSIDIARY OF NISOURCE, INC. SHALL BE RESPONSIBLE FOR THE INSTALLATION AND/OR TESTING OF THE FACILITY.

SIZE	REGULATOR SIZE & TYPE	"A"	"B"
2"	SCHLUMBERGER B-34-IMR	5 3/4"	9 1/2"
2"	SCHLUMBERGER B-838-IMR	8 7/8"	6 3/8"
2"	SCHLUMBERGER CL-34-2-IM	5 3/4"	9 1/2"
2"	SCHLUMBERGER CL-38-2-IM	7 1/2"	7 3/4"
2"	SCHLUMBERGER CL-838-2-IM	8 7/8"	6 3/8"

Note:
IN KENTUCKY, THE COMPANY WILL INSTALL THE RISER

	DRAWING TITLE 2" X 2" SETTING WITH 2" REGULATOR AND 2" METER			
	DRAWN L.HARTLEY-CLARK	DATE 10-15-04	DRAWING NO. PLMB-0005	ISSUE NO.
	CHECKED	DATE	SHEET NO. 1 of 2	

BILL OF MATERIAL

ITEM	SET & QTY		SIZE	DESCRIPTION
	A	B		
1	1	1	2"	METER, ROTARY, TO BE PROVIDED BY COLUMBIA GAS
2	1		2"	REGULATOR, INTERNAL MONITOR, TO BE PROVIDED BY COLUMBIA GAS
3	1		1"	VALVE, METER STOP, SCREWED BODY, LOCKWING, USE ONLY APPROVED MFG.
4	3	3	2"	VALVE, METER STOP, SCREWED BODY, LOCKWING, USE ONLY APPROVED MFG.
5	2	2	2"	BRACKET, SETTING SUPPORT, FABRICATED OR PURCHASED
6	2	2	2"	ELBOW, 90 DEG., THREADED, MALLEABLE IRON, STANDARD, CLASS 150
7	2	2	2"	FLANGE, THREADED, FLAT FACED., ANSI 150
--	8	8	5/8" X 1 1/2"	-- CAP SCREWS, ASTM A-307, GRADE B, WITH HEX HEAD
--	2	2	2"	-- GASKET, RING TYPE, 1/16" THICK, I.D.=2 3/8" X O.D.=4 1/8", ANSI 150
8	1		1" X 3"	NIPPLE, PIPE, STEEL, GRADE B, EX. HVY., THREAD BOTH ENDS
9	6	7	2" X 4"	NIPPLE, PIPE, STEEL, GRADE B, THREAD BOTH ENDS
10	3	3	2" X 8"	NIPPLE, PIPE, STEEL, GRADE B, THREAD BOTH ENDS
11	3 FT.	5 FT.	2"	PIPE, P.E., STEEL, SMLS OR ERW, GRADE B, 0.154" WALL, CUT & THREAD TO SUIT
12	1		1"	PLUG, FORGED STEEL, SQUARE HEAD, 3000#
13	1		2"	PLUG, FORGED STEEL, SQUARE HEAD, 3000#
14	1	1	2"	RISER, APPROVED ANODELESS, STUB OR ENCASED OR FLEX CASING PRE-BENT STEEL
15	1	1	2"	RISER BRACKET
16	1	1	2"	STRAINER, Y-TYPE, SCREW BODY, MFG. MUELLER, PROVIDED BY COLUMBIA GAS
17	1	2	2"	TEE, THREADED, MALLEABLE IRON, STANDARD, CLASS 150
18	1		2" X 1"	TEE, REDUCING, THREADED, MALLEABLE IRON, STANDARD, CLASS 150
19	2	3	2"	UNION, INSULATED, MALLEABLE IRON, STANDARD, CLASS 150

NOTES

1. REFER TO COLUMBIA GAS STANDARDS FOR CUSTOMER SERVICE LINES, METERS, AND SERVICE REGULATORS (PLUMBER'S GUIDE) FOR PROPER METER SET INSTALLATION INSTRUCTIONS.
2. APPROVED METER SUPPORT MUST BE USED.
3. IF THE SERVICE LINE IS STEEL, CONTACT COLUMBIA GAS PERSONNEL FOR SPECIFIC INSTALLATION INSTRUCTIONS.
4. PREFABRICATED RISERS AND BRACKETS MUST BE INSTALLED AND SECURED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. THERE MUST BE A MINIMUM DISTANCE OF 12" BETWEEN THE SETTING AND BUILDING AND A MINIMUM OF 18" BETWEEN THE METER AND ANY OTHER OBSTRUCTIONS.
6. THE METER MUST BE INSTALLED IN A LEVEL POSITION.
7. NO SCREW FITTINGS ARE TO BE USED BELOW GROUND.

DRAWN L.HARTLEY-CLARK	DATE 10-15-04	DRAWING NO. PLMB-0005	ISSUE NO.
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