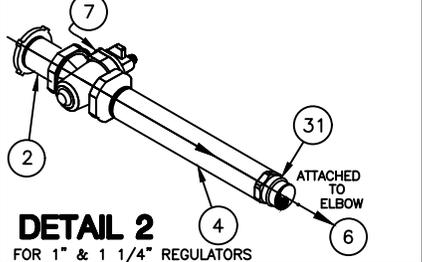
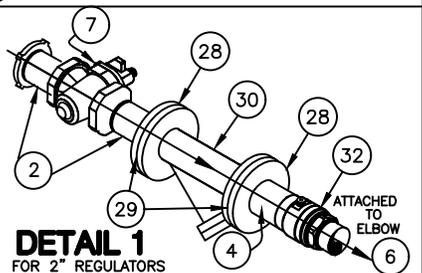
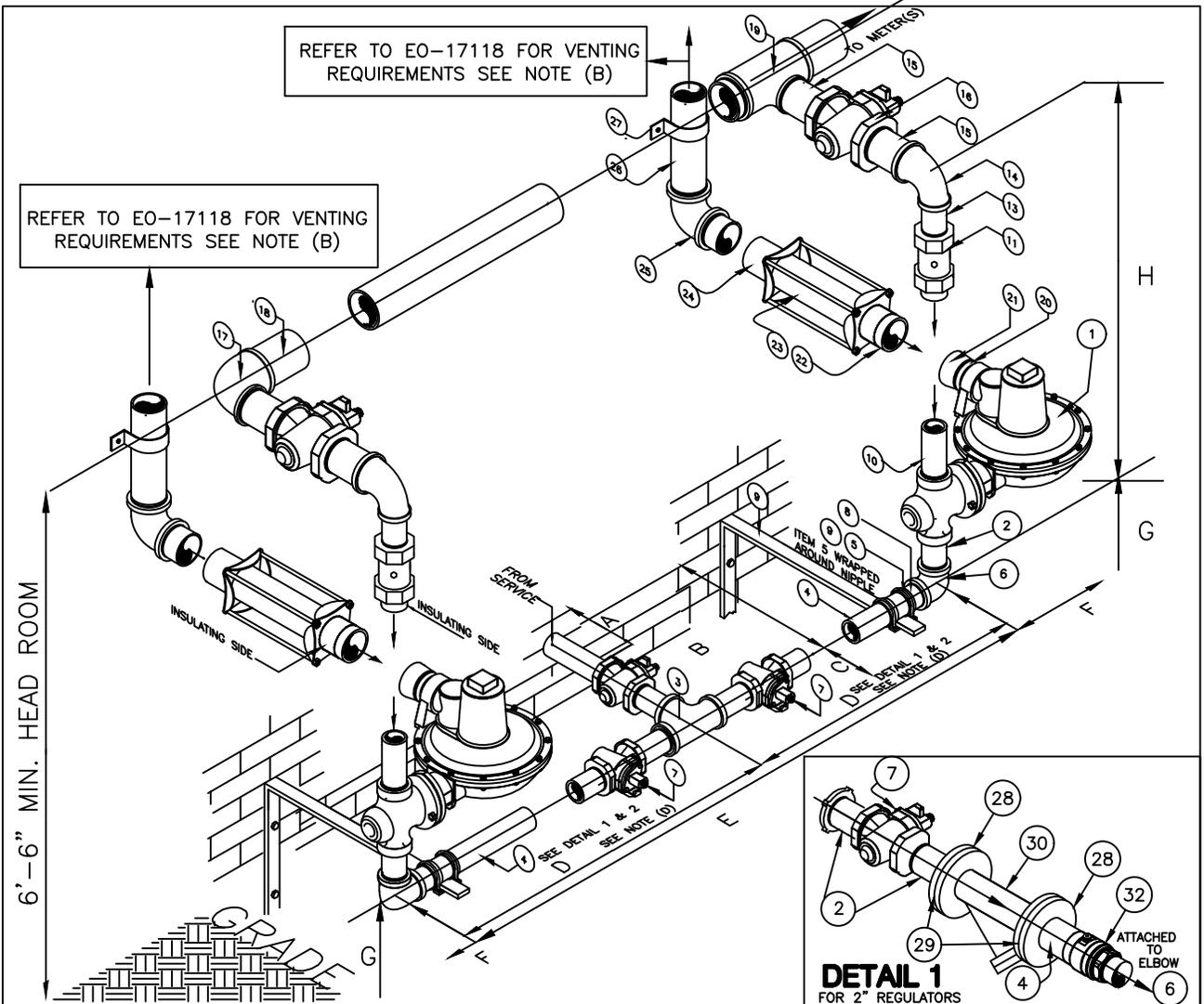


REVISIONS

- K. LOOK **24**  
REDRAWN TO CAD. REMOVED VENT DETAIL AND ASSOCIATED NOTES. ADDED REFERENCE TO DWG EO-17118. REVISED BILL OF MATERIAL. CHANGE COLOR.
- P.L.S. 06/14/2007
- G. LUDWIG **25**  
04/14/2015  
ADDED DETAIL 1 AND ITEMS 28, 29, & 30. DELETED ITEM 12 AND ASSOCIATED NOTE. ADDED NOTE (D). REVISED ITEM 11. ADDED START DATE FOR "Y" STRAINER INSTALLATION. G.B. 03/19/2015
- G. LUDWIG **26**  
07/21/2020  
ADDED 2" TA VALVE TO DETAIL 1. ADDED DETAIL 2 & ITEMS 31 & 32.
- D.J. 07/21/2020
- G. LUDWIG **27**  
04/13/21  
REVERTED BACK TO REVISION NO. 25.
- D.J. 04/13/21
- G. LUDWIG **28**  
08/17/2021  
ADDED 2" TA VALVE TO DETAIL 1. ADDED DETAIL 2, ITEM 31, 32 AND NOTES E & F.
- D.J. 08/17/2021



BILL OF MATERIAL				
NO. ITEM	DESCRIPTION	DWG. NO. SPEC. OR	SIZE IN INCHES	
1	( INLET x OUTLET x VENT SIZE) GAS SERVICE REGULATOR	G-48	1x1x3/4	1 x1 1/4x1 2x2x2 1/2
2	NIPPLE, STD., BLACK STEEL		1x4	1x4 2 x 2 1/2
3	TEE, BLACK MALLEABLE IRON, 150 #.	ASME B16.3	1	1 2
4	PIPE, STD., BLACK STEEL		1	1 2
5	INSULATING MATERIAL, BAKELITE, NEOPRENE OR EQUIVALENT.		1/8" THICK (MIN) AS REQUIRED	
6	ELBOW, 90°, BLACK MALLEABLE IRON, 150 #.	ASME B16.3	1	1 2
7	VALVE, LUBRICATED PLUG	*	1	1 2
8	NIPPLE, STD., BLACK STEEL		1x4	1x4 2 x 4 1/2
9	SUPPORT, U BOLTS WITH CLAMPING PLATES	G-695	22x26	22x26 22x26
10	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)		1x4 1/2	1 1/4x4 1/2 2x5
11	COUPLING, COMPRESSION, INSULATED WITH 1/8" PLUG	*	1	1 1/4 2
12	BLANK			
13	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)		1x8	1 1/4x8 2x9
14	ELBOW, 90°, REDUC., BLK. MALLEABLE IRON, 150 #.	ASME B16.3	1 1/2x1	2x1 1/4 3x2
15	NIPPLE, STD., BLACK STEEL		1 1/2x2	2x2 1/2 3 x 3 1/2
16	VALVE, LUBRICATED PLUG	*	1 1/2	2 3
17	ELBOW, 90°, REDUC., BLK. MALLEABLE IRON, 150 #.	ASME B16.3	2x1 1/2	3x2 4x3
18	PIPE, STD., BLACK STEEL		2	3 4
19	TEE, REDUCING, BLACK MALLEABLE IRON, 150 #.	ASME B16.3	2x2x1 1/2	3x3x2 4x4x3
20	NIPPLE, STD., BLACK STEEL		3/4x2	1x2 2 1/2x3
21	REDUCER, BLACK MALLEABLE IRON, 150 #.	ASME B16.3		3 x 2 1/2
22	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)		3/4x4 1/2	1x4 1/2 3x5
23	COMPRESSION COUPLING, INSULATED	*	3/4	1 3
24	PIPE, STD., BLACK STEEL (THREAD ONLY ONE END)		3/4x7	1x7 3x7 1/2
25	ELBOW, 90° BLACK MALLEABLE IRON, 150 #.	ASME B16.3	3/4	1 3
26	PIPE, STD., BLACK STEEL		3/4	1 3
27	PIPE STRAP, IRON		3/4	1 3
28	FLANGE, FORGED STEEL, RAISED FACE, 150#, SCR.	ASME B16.5		2
29	GASKET, RING, 150#, GARLOCK 3000			2 x 1/8
30	"Y" STRAINER, FLANGED, RAISED FACE, 150# (SEE DETAIL 1)	*		2
31	1 INCH FxM NPT TA-VALVE (CLASS & STOCK # 3771916) OR 1 INCH MxM NPT TA-VALVE (CLASS & STOCK # 3771916) WITH 1 INCH M X F BELL COUPLING, BLACK MALLEABLE IRON.		1	1
32	2 INCH FxM NPT TA-VALVE (CLASS & STOCK # 3771917)			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 - FOR 2" REGULATORS, INSTALL "Y" STRAINERS AS PER DETAIL 1.
- E - INSTALL TA VALVE SUCH THAT FLOW ARROW ON THE DEVICE POINTS TO THE DIRECTION OF GAS FLOW.
- F - HEAT SENSOR ON 2" MODEL SHOULD BE FREE OF ANY FORM OF COATING.

\* SEE "YELLOW BOOK"  
**NOTE: "Y" STRAINER REQUIRED AFTER JULY 1, 2015 SPEC. G-414**

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' - 5"
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' - 9" MIN	2' - 2" MIN
GAS SERVICE REGULATOR SIZE	1"	2"

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

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

DATE	05/18/2006	DWG.	EO-14166	REV.	28
LAST REV.	08/17/2021	NO			