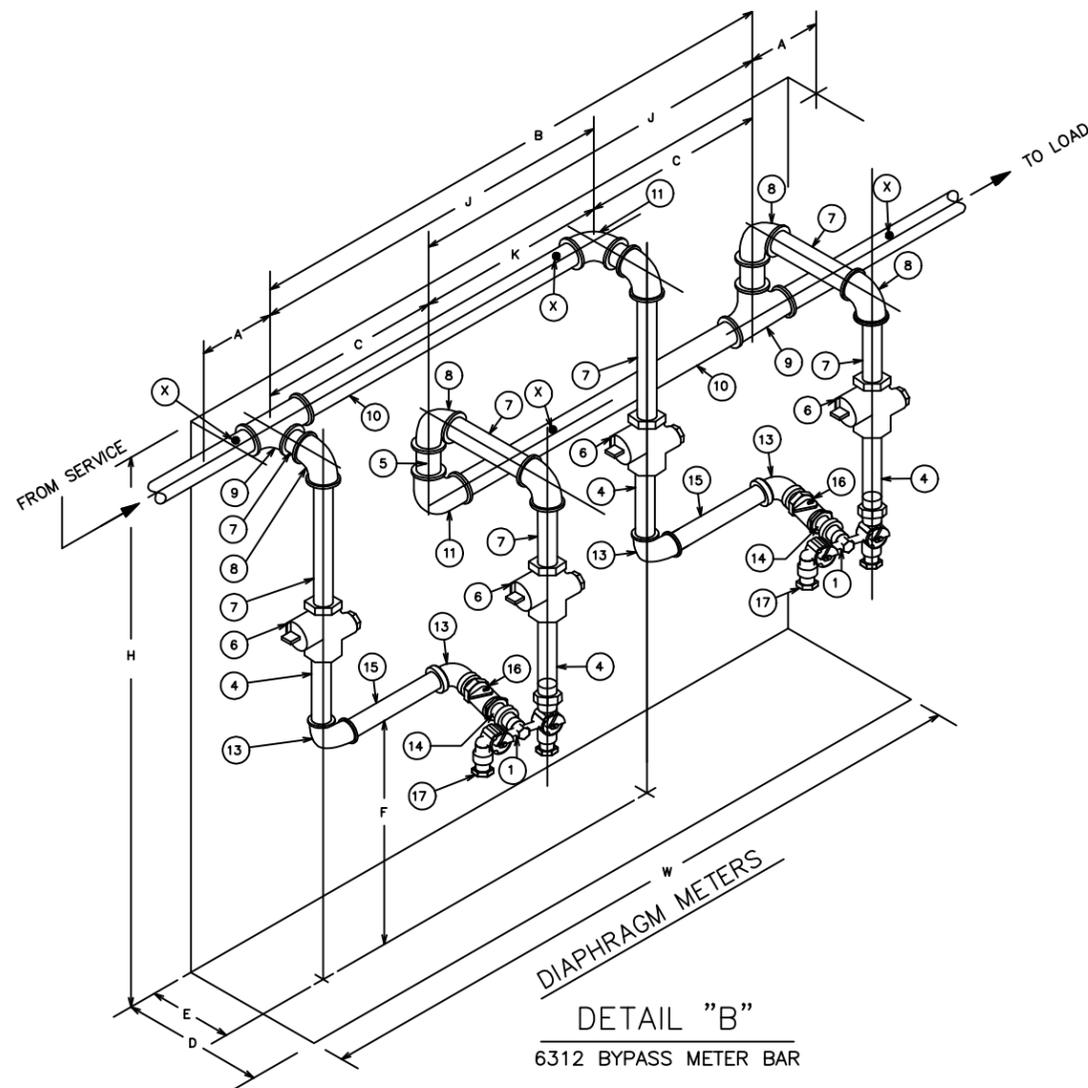
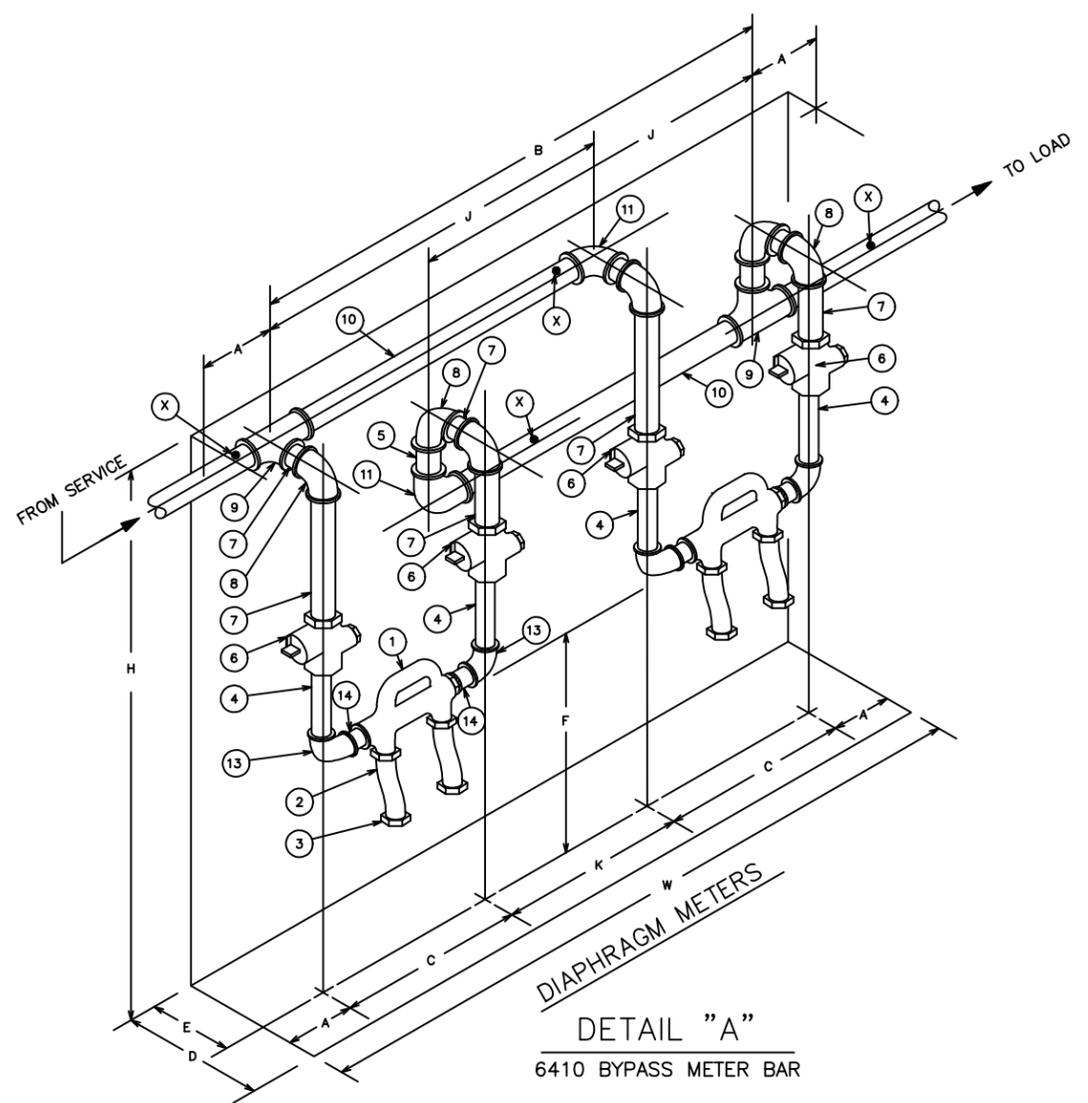


REVISIONS

G. LUDWIG	19	DELETED CL-500 & CL-1000 METER DETAILS. REVISED BILL OF MATERIAL. DELETED ALTERNATE METER BAR DETAIL. REVISED TITLE. G.Y. 8-7-15	
G. LUDWIG	6/01/16	20	REVISED DESC. OF ITEM 12. ADDED NOTE "G"
D.T.	5/24/16		
G. LUDWIG	7/12/18	21	REVISED TITLE TO INCLUDE OUTDOORS, ADDED "H" TO "FROM SERVICE SEE NOTE D," ADDED NOTES "H & I"
S.A/C.C	7/12/18		REMOVED OUTLET METER VALVE
G. LUDWIG	10/6/20	22	ADDED DETAIL B FOR 6312 BYPASS METER BAR. REVISED BILL OF MATERIALS.
D.J.	10/6/20		
M. BURR	9/25/2025	23	ADDED TWO ISOLATION VALVES ON THE OUTLET SIDES OF THE METERS. DELETED NOTE F & REVISED NOTE D. ADDED NOTE E & J. D.O.



BILL OF MATERIAL		
NO. ITEM	DESCRIPTION	250 TC
1	BYPASS METER BARS* A.Y McDONALD 6410-FFE-W 1X1X1 (SEE DETAIL "A") A.Y McDONALD 6312-FFE-W 1X1X1 (SEE DETAIL "B")	1" x 1" x 20LT.
2	SWIVEL	PART OF A.Y McDONALD BYPASS METER BAR ASSEMBLY
3	SWIVEL CAP	20 LT.
4	NIPPLE	1" x 5"
5	NIPPLE	1" x 2"
6	METER VALVE *	1"
7	NIPPLE	1"
8	ELBOW	1" x 1"
9	TEE, REDUCING FROM HEADER SIZE TO:	1"
10	HEADER (MIN.)	1"
11	ELBOW, REDUCING FROM HEADER SIZE TO:	1"
12	NIPPLE	1" x 5"
13	ELBOW	1"
14	NIPPLE	1" x 2"
15	NIPPLE	1" x 10"
16	LOCK WING STOP *	1"
17	SWIVEL * REQ'D. 1"NPT 20LT W/1/4" NPT TAP (TAP FOR MTR OUTLET ONLY) PART OF BYPASS METER BAR ASSEMBLY.	1" x 20LT.

DIMENSIONS		
A	CLEARANCE FROM C.L. OF PIPE	12" MIN
B	C.L. TO C.L. OF PIPES	45"
C	C.L. TO C.L. IN/OUTLET PIPING	16 1/2"
E	C.L. OF METER BAR TO REAR WALL	9"
F	BOTTOM OF METER BAR TO FLOOR(MAX.)	82"
F	BOTTOM OF METER BAR TO FLOOR(MIN.)	50"
J	C.L. TO C.L. OF PIPES ON HEADER	27 1/2"
K	C.L. TO C.L. OF PIPES	12"

MINIMUM SPACE REQUIRED		
D	CLEARANCE FROM WALL	48"
W	CLEARANCE LEFT TO RIGHT	69"
H	HEIGHT (MIN.)	66"

- NOTES:
- (A) ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY CUSTOMER.
 - (B) ALL PIPING SHALL BE INSTALLED PLUMB AND LEVEL.
 - (C) ALL PIPE TO BE STANDARD WALL STEEL, ALL FITTINGS TO BE 150 LB STANDARD WALL, MALLEABLE IRON.
 - (D) FOR LOW PRESSURE SERVICE, INSTALL AN INSULATING COMPRESSION COUPLING WITH A 1/8" THREADED PLUG NEAR THE HEAD OF SERVICE VALVE.
 - (E) FOR MEDIUM AND HIGH PRESSURE SERVICE, INSTALL EITHER AN APPROVED FLANGE INSULATOR AT THE HEAD OF SERVICE VALVE OR AN APPROVED INSULATING COMPRESSION COUPLING WITH A 1/8" THREADED PLUG ON THE OUTLET (LOW PRESSURE) SIDE OF THE REGULATOR PIPING AS CLOSE TO THE REGULATOR AS POSSIBLE.
 - (F) PIPING MUST BE LEFT CAPPED BY CONTRACTOR PRIOR TO METER INSTALLATION.
 - (G) ALL PIPE AND FITTINGS SHALL BE SCHEDULE 40.
 - (H) FOR OUTDOOR TWIN CLASS 250 METER INSTALLATIONS, USE THE RISER DETAIL FROM CON EDISON DRAWING EO-16585.
 - (I) GAS METER CLEARANCE FROM GROUND SHALL BE MINIMUM 6 INCHES.
 - (J) IF THERE ARE ADDITIONAL METERS FED BY THIS SERVICE, PLEASE REFER TO G-703 FOR TRUNK LINE AND BRANCH LINE REQUIREMENTS.
 - * SEE "A CUSTOMER GUIDE TO NATURAL GAS SERVICE INSTALLATION" (YELLOW BOOK)
 - (X) SUPPORT PIPING FROM WALL OR CEILING AT POINTS INDICATED.

SPEC. NO. G-317

INSTALLATION OF TWIN
CLASS 250 TC
DIAPHRAGM
GAS METER - INDOOR/ OUTDOOR

CONSOLIDATED EDISON COMPANY OF N. Y. INC.
GAS OPERATIONS DEPT.

DATE 5/12/49 DWG. EO-7421-BREV.23
LAST REV. 9/25/2025 NO.