Approvers: Campbell, Thomas G. 05/02/2017

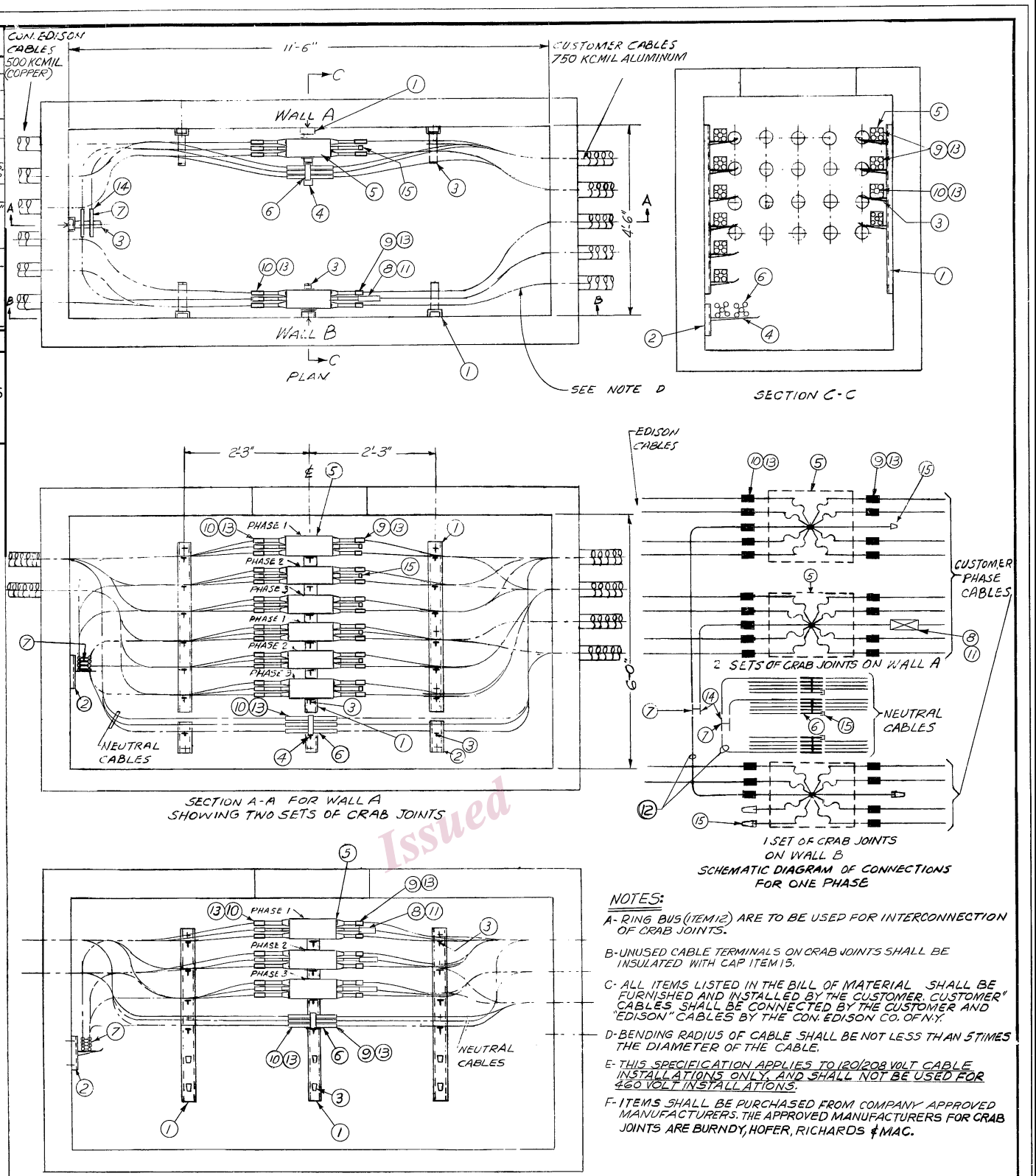
EO-12810-B

REVISIONS	
J. Zelle 1-18-67	1
CHANGED TITLE M.P.P. 1/12/67	
R. Dragna 3-14-72	2
CH'D TITLE, B OF M; REF. DWGS, CABLE QUAN. & SIZE, & NOTES. J.L. 2-2-72	
R. Dragna 4-17-74	3
CHANGED NOTE "F" ADDED ITEM NO. 17 V.D. 4-15-74	
R. Dragna 5-1-85	4
CHGD. TITLE, COMPANY. CABLES TO COPPER. UPDATED B/MAT'L., FILING INFO. N.J.T. 4-17-85	
SUSAN THANGAVELU 05.01.17	5

DRAWING TO BE USED FOR RECORD PURPOSES ONLY.

JDV. 05.01.17

"RECORD PURPOSES ONLY, NO UPDATE REQUIRED"



Issued

SECTION B-B. FOR WALL B SHOWING ONE SET OF CRAB JOINTS.

NOTES:

A- RING BUS (ITEM 12) ARE TO BE USED FOR INTERCONNECTION OF CRAB JOINTS.

B- UNUSED CABLE TERMINALS ON CRAB JOINTS SHALL BE INSULATED WITH CAP ITEM 15.

C- ALL ITEMS LISTED IN THE BILL OF MATERIAL SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER. CUSTOMER" CABLES SHALL BE CONNECTED BY THE CUSTOMER AND "EDISON" CABLES BY THE CON. EDISON CO. OF N.Y.

D- BENDING RADIUS OF CABLE SHALL BE NOT LESS THAN 5 TIMES THE DIAMETER OF THE CABLE.

E- THIS SPECIFICATION APPLIES TO 120/208 VOLT CABLE INSTALLATIONS ONLY, AND SHALL NOT BE USED FOR 460 VOLT INSTALLATIONS.

F- ITEMS SHALL BE PURCHASED FROM COMPANY APPROVED MANUFACTURERS. THE APPROVED MANUFACTURERS FOR CRAB JOINTS ARE BURNDY, HOFER, RICHARDS & MAC.

ITEM NO.	DESCRIPTION	QUANTITY	DWG. OR SPEC. NO.	CON. ED. STOCK NO.
15	HEAT SHRINKABLE CABLE END CAP 1.5" x 3"	AS REQ'D	EO-13118-B	596-2642
14	HEAT SHRINKABLE TUBE 1.8" x 6" FOR 500 KCMIL NF TERMINALS	12	EO-13118-B	596-2626
13	HEAT SHRINKABLE TUBE 1.8" x 14 FOR CONNECTORS	AS REQ'D.	EO-13118-B	596-2832
12	RING BUS CABLE-500 KCMIL. COPPER EPR NEOPRENE INSULATED	80'	EO-609 E	561-1363
11	750-500 COPPER CORRUGATED ADAPTER	AS REQ'D.	EO-1216-D	570-0760
10	500 KCMIL. COPPER CONNECTOR	AS REQ'D.	EO-4147-C	570-1263
9	750-500 ALUMINUM CONNECTOR	AS REQ'D.	EO-7879-D	571-5735
8	750 KCMIL ALUMINUM LIMITER, SHELL AND RUBBER SLEEVE	AS REQ'D.	EO-13295-C	570-2907
7	2 WAY-2 WAY 500 KCMIL NON-FUSIBLE COPPER CRAB (INSULATED)	4	EO-1628-B	573-0064
6	5 WAY-5 WAY 500 KCMIL. NON-FUSIBLE COPPER CRAB W/TAILS	3	——	573-0593
5	5 WAY-5 WAY 500 KCMIL FUSIBLE COPPER CRAB WITH PIGTAILS	9	EO-9267-B	573-0130
4	RACK ARM 2 WAY	1	EO-2238-C	003-0056
3	RACK ARM 1 WAY	33	EO-2238-C	003-0049
2	STANCHION 1 SLOT	4	EO-2236-C	003-0346
1	STANCHION 6 SLOT 6" CENTERS	6	EO-10302-C	003-0460

BILL OF MATERIAL

REFERENCE DRAWINGS:
SERVICE TERMINATIONS IN PRIVATE PROPERTY
LINE BOXES AND MANHOLES ____ EO-6210-B
11'-6" x 4'-6" x 6'-0" MANHOLE { PRECAST ____ EO-2164-B; FIELD CONSTRUCTED EO-11924-B }
APPLICATION OF HEAT SHRINKABLE TUBING FOR INSULATING SECONDARY SPLICES ____ EO-13118-B

FIELD MANUALS
NO. 1: SUPV. SPLICING
SECT. 9: SECONDARY P/L CABLE ARRGMT.
NO. 4: SERV. INSTL.
SECT. 1: CUST. P/L BOX
NO. 16: SERV. INSPECT/CTRL.
SECT. 4: ELECT. SERVICES

CONSTRUCTION STDS. MANUAL NO. 3 SECTION NO. 22 CABLE ARRANGEMENT

ALUMINUM CABLE ARRANGEMENT-120/208 V.
PROPERTY LINE MANHOLE
12 SETS OF 4-500 KCMIL. COPPER CON.ED. CABLES
15 SETS OF 4-750 KCMIL. ALUMINUM CUSTOMER CABLES

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

DATE 6-8-66
LAST REV. 05.01.17
DWG. NO. EO-12810-B REV. 5

NEXT SCHEDULED REVIEW 4/95

NO.	DATE	REVISIONS	APPROVED

FOR APPROVAL

DIV.	SIGNATURE	DATE
CABLE	JED	6-8-66
CABLE	FLG	6-9-66
	C.O.B.	6/14/66

DRAWN BY DUPRO 6-8-66 DATE
CHECKED BY DATE
TRACED BY DATE
SCALE N.T.S.
APPROVED
DESIGN ENGINEER F.G. Sullivan 6/10/66 DATE
OUTSIDE PLANT ENGINEER DATE