

EO-12908-B

9-22-67

REVISIONS

R. Ragusa 9-26-67 1

ADDED ADDITIONS TO NOTE A. A.D. 9-26-67

R. Ragusa 10-16-67 2

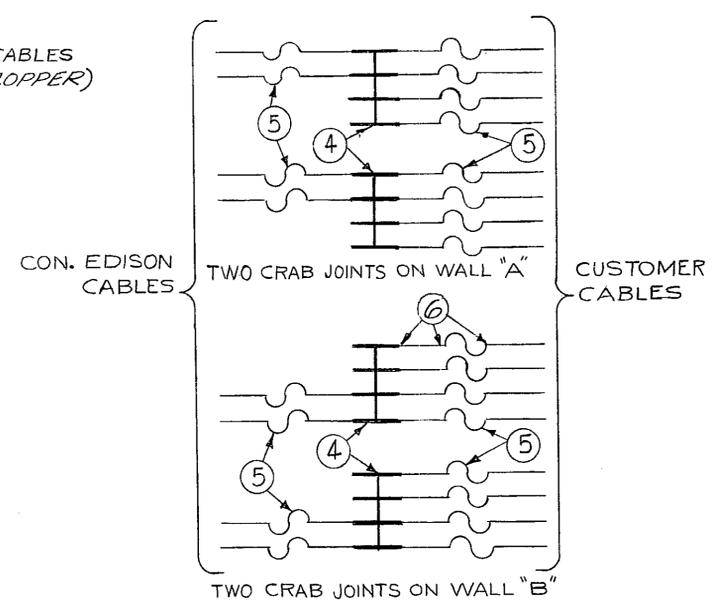
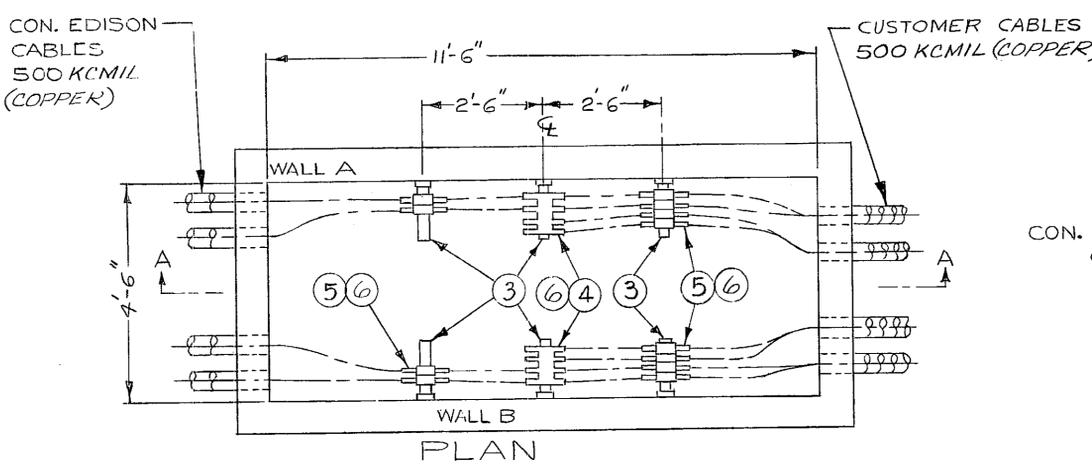
REMOVED REF. TO MFR AND ADDED STOCK NUMBERS J.V. 10-23-67

R. Ragusa 11-10-72 3

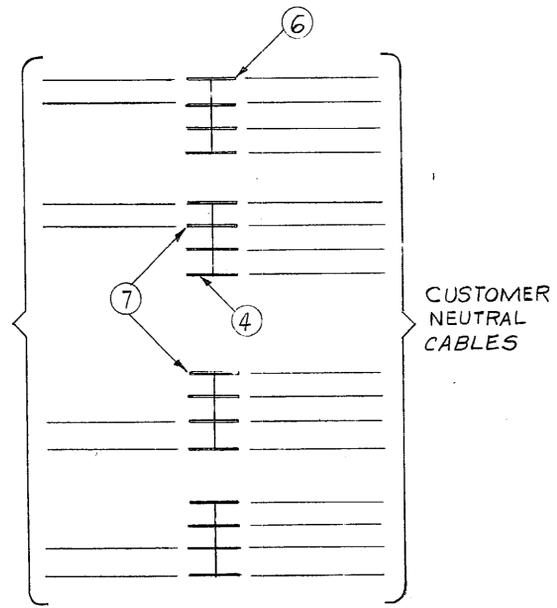
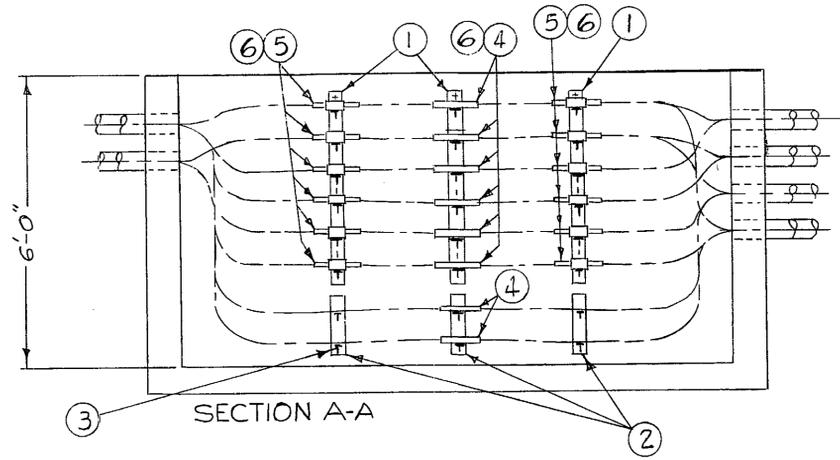
CHD. BILL OF MATERIAL; ITEM NUMBERS; AND "NEUTRAL CONNECTIONS" DETAIL. HM 11-13-72

K. Ragusa 5-2-85 4

CHGD. TITLE, CUSTOMER NEUTRAL CABLE TO 500 KCMIL. UPDATED B/MATL, FILING INFO, NOTES & REF DWGS. W.J.T. 4-18-85



SCHEMATIC DIAGRAM OF CONNECTIONS FOR ONE PHASE



| ITEM NO. | CUST. CO. QUANTITY | DESCRIPTION | DWG. OR SPEC. NO. | STOCK NO. |
|----------|--------------------|---|-------------------|-----------|
| 6 | 200 48 | HEAT SHRINKABLE TUBE FOR 500 KCMIL CRAB JOINT AND LIMITER CONNECTIONS 1.8"x6" | EO-13118-B | 596-2626 |
| 5 | 48 24 | HIGH CAPACITY LIMITER, 500 KCMIL WITH CABLE SOCKETS AND INSULATION | EO-100,148 | 571-3136 |
| 4 | 16 | 4 WAY-4 WAY 500 KCMIL NON-FUSIBLE COPPER CRAB JOINT (INSULATED) | | |
| 3 | 48 | RACK ARM, 2 WAY | EO-2238C | 003-0056 |
| 2 | 6 | STANCHION, 2-SLOT, 8" CENTERS | EO-10302C | 003-0353 |
| 1 | 6 | STANCHION, 6-SLOT, 8" CENTERS | EO-10302C | 003-0460 |

DESCRIPTION

STOCK NO.

DESCRIPTION

STOCK NO.

NOTES:

A-ALL ITEMS LISTED IN BILL OF MATERIALS, UNDER CUSTOMER SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER.

"CUSTOMER" CABLES SHALL BE CONNECTED BY THE CUSTOMER AND "EDISON" CABLES BY THE CONSOLIDATED EDISON CO. OF N.Y.

LIMITERS ON CON EDISON SIDE OF CRAB JOINT SHALL BE FURNISHED AND INSTALLED BY CON. EDISON.

LIMITERS ON THE CUSTOMERS SIDE OF THE CRAB JOINT SHALL BE FURNISHED AND INSTALLED BY THE CUSTOMER.

B- BENDING RADIUS OF CABLE SHALL NOT BE LESS THAN FIVE TIMES THE DIAMETER OF THE CABLE.

C- ITEMS IN BILL OF MATERIAL SHALL BE PURCHASED FROM COMPANY APPROVED MANUFACTURERS AS SPECIFIED ON:

EO-100,511 FOR CRAB JOINT.

EO-100,148 FOR LIMITERS.

EO-100,204 FOR HEAT SHRINKABLE TUBING.

REFERENCE DWGS:

APPLICATION OF HEAT SHRINKABLE TUBING -----EO-13118-B

11'-6" X 4'-6" X 6'-0" MANHOLE (PRECAST CONCRETE).-EO-2164-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. INSP. & CTRL.

SECT. 4: ELECT. SERVICES

CONSTRUCTION STANDARDS MANUAL NO. 3

SECTION 22

CABLE ARRANGEMENT

COPPER CABLE ARRANGEMENT 265/460 VOLT PROPERTY LINE MANHOLE

8 SETS OF 4-500 KCMIL COPPER CON. ED. CABLES

16 SETS OF 4-500 KCMIL COPPER CUSTOMER CABLES

CONSOLIDATED EDISON COMPANY OF N. Y., INC.

ELECTRICAL ENGINEERING DEPT.

DATE 8-31-66 DWG. NO. EO-12908-B REV. 4

LAST REV. 4-18-85

| NO. | DATE | REVISIONS | APPROVED |
|-----|------|----------------------------|----------|
| | | NEXT SCHEDULED REVIEW 4/95 | |

| DIV. | SIGNATURE | DATE | DRAWN BY | DATE | CHECKED BY | DATE |
|--------|-------------|---------|----------|---------|------------|---------|
| Equip. | J. Callahan | 6-28-67 | DI PAOLA | 8-31-66 | J. F. ... | 8/31/67 |
| | J. ... | 8/22/67 | | | | |