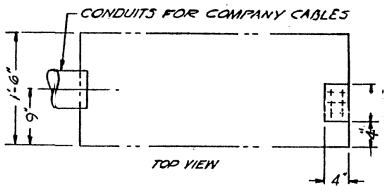
E0-9072-B

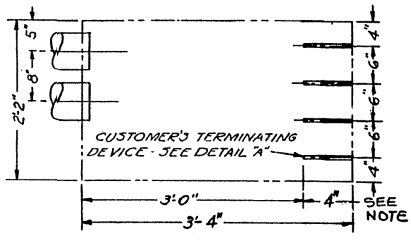
REVISIONS

Revised 1/19/67	5
CHANGED NOTE 2 TO INCLUDE ALUMINUM E.A. 1-3-67	
	6
CHG. TERMINAL DETAIL, ADDED 750 MCM AL. C.W. 2-18-70	
R.Gregson 7-15-85	7
UPDATED, CHG'D. TITLE & FILING INFO J.L. 5-16-85	
THOMAS HUI 2/20/04	8
ADDED & UPDATED RECOMMENDED STANDARD CABLE SIZES REMOVE ALUMINUM FOR TERMINAL MATERIAL JDV. 02/17/04	
ROBERT GENTILE 04.13.05	9
ADDED SPECIAL NOTE JDV. 03.24.05	
ROBERT GENTILE 08.23.06	10
ADDED NOTE 6 ADDED SIGNAGE ADDED REF. DWG. ADDED INSULATION BARRIERS ADDED HANDLES TO FRONT COVER REMOVED 600 KCMIL TEXT FROM COPPER SIZE TABLE JDV. 08.23.06	
ROBERT GENTILE 04.04.07	11
ADDED 600 KCMIL BACK TO RECOMMENDED STANDARD CABLE SIZE TABLE JDV. 04.03.07	

FIELD MANUALS
NO.4: SERV INSTL.
SECT. 1: SERV. UNGRND.
NO.16: SERV. INSP. & CTRL.
SECT. 4: ELECT. SERV.

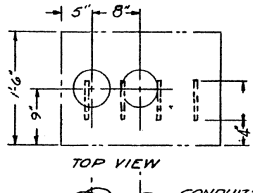
CONST. STDS. MANUAL NO.3
SECTION NO.36 SERVICES, U.G.

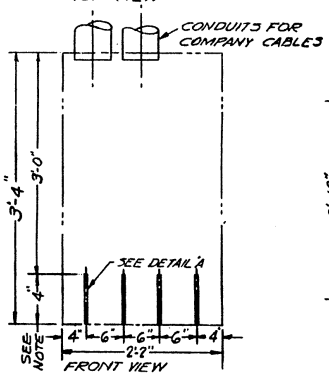




2'-2" HIGH x 3'-4" WIDE x 1'-6" DEEP SPACE
COMPANY CABLES AT SIDE
CUSTOMER TERMINALS AT SIDE

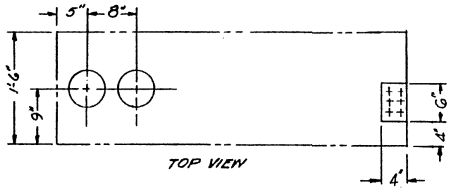
ARRANGEMENT NO 1

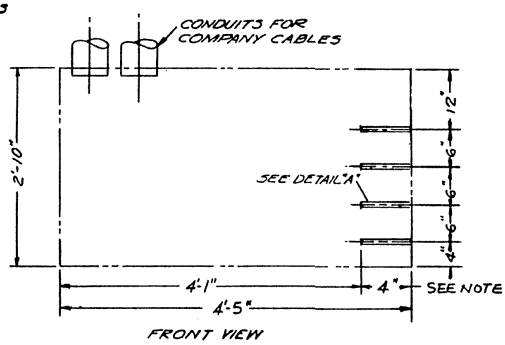




3'-4" HIGH x 2'-2" WIDE x 1'-6" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT BOTTOM

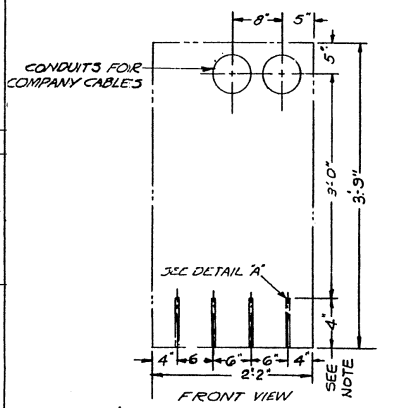
ARRANGEMENT NO. 2





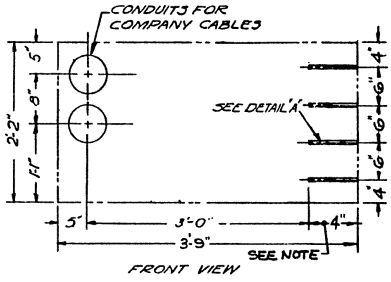
2'-10" HIGH x 4'-5" WIDE x 1'-6" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT SIDE

ARRANGEMENT NO 3



3'-9" HIGH x 2'-2" WIDE x 1'-6" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT BOTTOM

ARRANGEMENT NO. 4



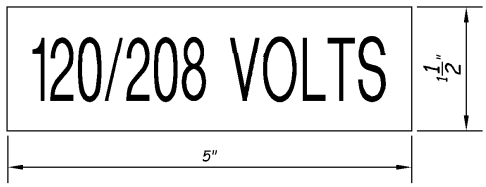
2'-2" HIGH x 3'-9" WIDE x 1'-6" DEEP SPACE
COMPANY CABLES AT REAR
CUSTOMER TERMINALS AT SIDE

ARRANGEMENT NO. 5

RECOMMENDED STANDARD CABLE SIZES:

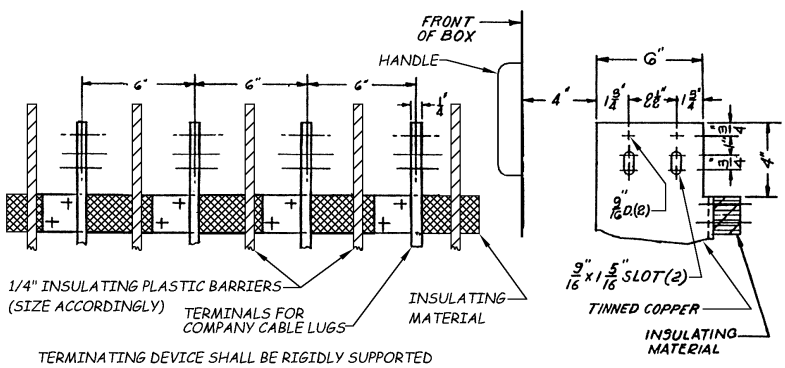
COPPER - #6, #2, 2/0, 4/0, 500 KCMIL : CON EDISON
#6, #2, 2/0, 4/0, 500 KCMIL, 600 KCMIL : CUSTOMER ONLY

ALUMINUM - #4, 1/0, 4/0, 350 KCMIL, 2-350 KCMIL, 750 KCMIL, 900 KCMIL : CUSTOMER ONLY



SIGNAGE

(SEE NOTES #6)



TERMINATING DEVICE SHALL BE RIGIDLY SUPPORTED IN BOX AND INSULATED FROM SAME

DETAIL 'A' - CUSTOMER'S TERMINATING DEVICE

4" LENGTH IS REQUIRED FOR CONNECTION OF LUGS.

NOTES:

1. THE RECOMMENDED TYPES OF CONNECTORS AND METHOD OF CONNECTIONS ARE GIVEN IN SPEC. EO-5403.
2. THE CUSTOMER SHALL PROVIDE AND CONNECT HIS SERVICE CABLES TO A SUITABLE COPPER TERMINATING DEVICE SECURED TO BOX, UNDER ANY OF THE FOLLOWING CONDITIONS:
   - A - WHEN COPPER OR ALUMINUM CABLES OTHER THAN THOSE LISTED UNDER RECOMMENDED STANDARDS ARE USED.
   - B - WHERE THERE WILL BE 3 OR MORE SETS OF CUSTOMERS CABLES INTO OR OUT OF THE SERVICE END BOX.
3. THESE ARE MINIMUM REQUIREMENTS FOR CONNECTION OF THE COMPANY'S CABLES AND DO NOT COVER REQUIREMENTS FOR CUSTOMER'S CABLES.
4. NO CUSTOMER CABLES SHALL OCCUPY SPACE IN AREA SHOWN INSIDE END BOXES.
5. A BOX ENCLOSING THE REQUIRED SPACE SHALL CONFORM TO THE FOLLOWING:
   - A - BOX SHALL BE IDENTIFIED BY MANUFACTURER'S NAME.
   - B - BOX SHALL BE MADE OF GALVANIZED SHEET STEEL AND HAVE A FINISH OF GRAY ENAMEL.
   - C - THE GAUGE OF THE STEEL SHALL CONFORM WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES INC.
   - D - FRONT COVER OF BOX SHALL BE SEALABLE.
   - E - THE CUSTOMER SHALL SUBMIT FOR COMPANY APPROVAL ANY PROPOSED CHANGE IN DESIGN OF BOXES INDICATED ON THIS DRAWING.
6. " 120/208 VOLTS " - BLACK LABEL WITH WHITE LETTERING LOCATED ON THE INSIDE AND OUTSIDE OF THE ENCLOSURE.

REF. DWGS:
CUSTOMERS ELECTRIC SERVICE FROM STREET CABLE SYSTEM:

BUILDINGS WITH BASEMENTS AT PROPERTY LINE -----	EO-6208-D
BUILDINGS WITH BASEMENTS BACK OF PROPERTY LINE	EO-6209-D
BUILDINGS WITHOUT BASEMENTS AT PROPERTY LINE -	EO-6211-D
BUILDINGS WITHOUT BASEMENTS BACK OF PROPERTY LINE ----------	EO-6212-D
BUILDINGS WITH SUITABLE SUB-SIDEWALK SPACE OUTSIDE OF PROPERTY LINE ----------	EO-6214-D
SPACE REQUIREMENTS 3-500 KCMIL COPPER CABLES PER PHASE----------	EO-9073-B
SPACE REQUIREMENTS 1-500 KCMIL COPPER CABLES PER PHASE----------	EO-9525-B
FOR 265/460V SPACE REQUIREMENTS - MAX. 2-500 KCMIL COPPER CON ED CABLE PER PHASE	348210-0

CUSTOMER'S 120/208 VOLT ELECTRIC SERVICE SPACE REQUIREMENT'S FOR COMPANY CABLES IN SERVICE END BOXES MAX. 2-500 KCMIL COPPER CON EDISON CABLES PER PHASE

CONSOLIDATED EDISON COMPANY OF N. Y., INC.
STRUCTURAL ENGINEERING BUREAU

DATE 6-9-59
LAST REV 04.03.07

DWG. NO. E0-9072-B REV. 11