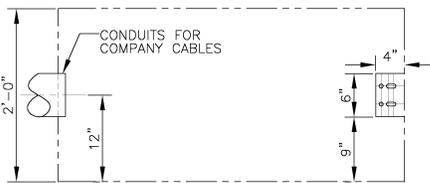


Robert Gentile
08.23.05

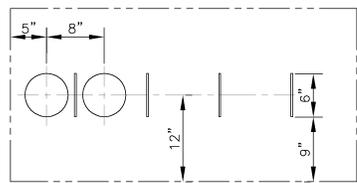
REVISIONS

Robert Gentile 04.04.07	1	ADDED 600 KCMIL BACK TO THE RECOMMENDED STANDARD CABLE SIZE TABLE
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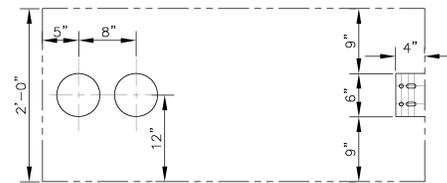
JDV. 04.03.07



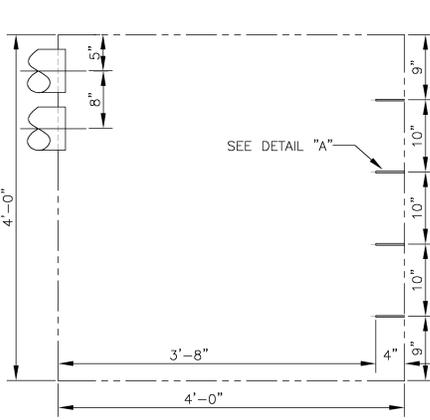
TOP VIEW



TOP VIEW

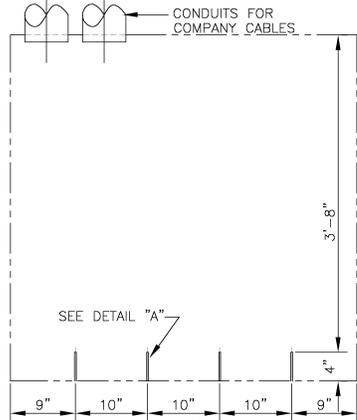


TOP VIEW



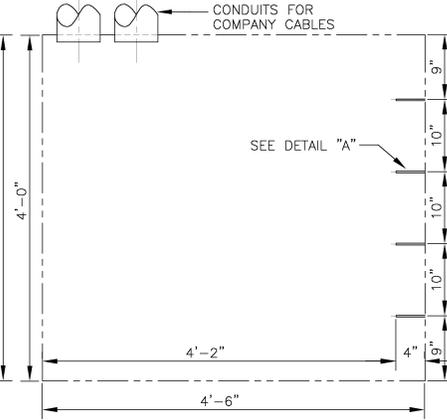
FRONT VIEW
ARRANGEMENT NO. 1

4'-0" HIGH x 4'-0" WIDE x 2'-0" DEEP SPACE
COMPANY CABLES AT SIDE
CUSTOMER TERMINALS AT SIDE



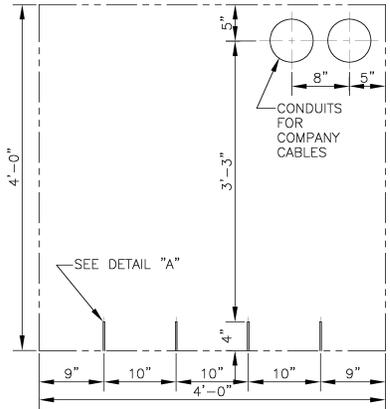
FRONT VIEW
ARRANGEMENT NO. 2

4'-0" HIGH x 4'-0" WIDE x 2'-0" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT BOTTOM



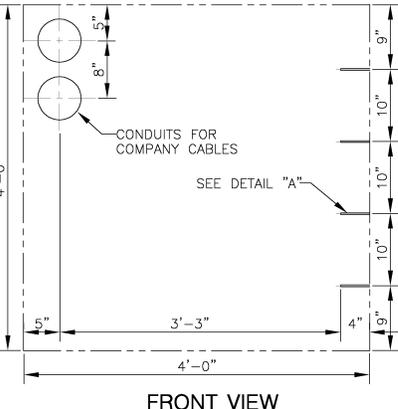
FRONT VIEW
ARRANGEMENT NO. 3

4'-0" HIGH x 4'-6" WIDE x 2'-0" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT SIDE



FRONT VIEW
ARRANGEMENT NO. 4

4'-0" HIGH x 4'-0" WIDE x 2'-0" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT BOTTOM



FRONT VIEW
ARRANGEMENT NO. 5

4'-0" HIGH x 4'-0" WIDE x 2'-0" DEEP SPACE
COMPANY CABLES AT TOP
CUSTOMER TERMINALS AT BOTTOM



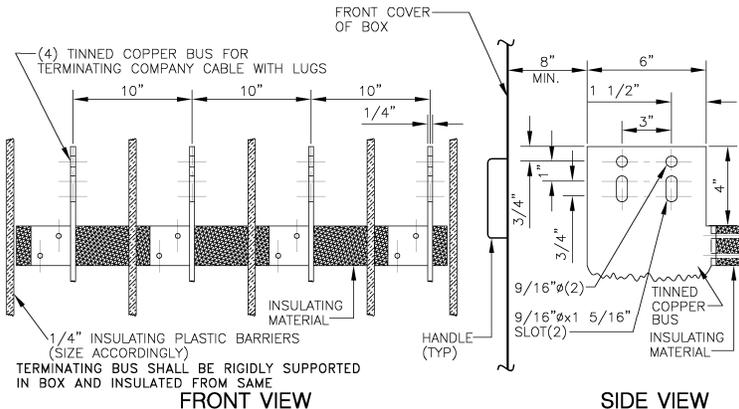
SIGNAGES

- NOTES:** (SEE NOTES #6 AND #7)
- THE RECOMMENDED TYPE OF CONNECTORS AND THE METHOD OF CONNECTION ARE GIVEN IN SPEC. EO-5403.
 - THE CUSTOMER SHALL PROVIDE AND CONNECT HIS SERVICE CABLES TO A SUITABLE COPPER TERMINATING DEVICE SECURED TO THE BOX, UNDER ANY OF THE FOLLOWING CONDITIONS:
 - A) WHEN COPPER OR ALUMINUM CABLES OTHER THAN THOSE LISTED UNDER RECOMMENDED STANDARDS ARE USED.
 - B) WHEN THERE WILL BE 3 OR MORE SETS OF CUSTOMER CABLES INTO OR OUT OF THE SERVICE END BOX.
 - THESE ARE MINIMUM REQUIREMENTS FOR CONNECTION OF THE COMPANY'S CABLES AND DO NOT COVER REQUIREMENTS FOR CUSTOMER'S CABLES.
 - NO CUSTOMER CABLES SHALL OCCUPY SPACE IN AREA SHOWN INSIDE END BOXES.
 - 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) ALL REMOVABLE BOX COVERS SHALL BE SEALABLE AND BE EQUIPPED WITH TWO HANDLES PER COVER.
 - E) THE CUSTOMER SHALL SUBMIT FOR COMPANY APPROVAL ANY PROPOSED CHANGE IN DESIGN OF BOXES INDICATED ON THIS DRAWING.
 - ⚠ DANGER 277/480 VOLTS** - RED LABEL WITH WHITE LETTERING AND EXCLAMATORY ALERT SYMBOL LOCATED ON THE INSIDE BACK SURFACE OF THE ENCLOSURE.
 - ⚠ CAUTION 277/480 VOLTS** - YELLOW LABEL BLACK LETTERING AND EXCLAMATORY ALERT SYMBOL LOCATED ON THE OUTSIDE COVER OF THE ENCLOSURE.

RECOMMENDED STANDARD CABLE SIZES:

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

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



DETAIL "A" - CUSTOMER'S TERMINATING DEVICE

4" LENGTH IS REQUIRED FOR CONNECTION OF LUGS.

REFERENCE DWGS:

CUSTOMER'S 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
FOR 120/208V SPACE REQUIREMENTS - MAX. 2-500KCMIL COPPER CABLE PER PHASE.....	EO-9072-B
SPACE REQUIREMENTS - MAX. 1-500KCMIL COPPER CABLE PER PHASE.....	348209-0
SPACE REQUIREMENTS - MAX. 3-500KCMIL COPPER CABLE PER PHASE.....	348211-0

CUSTOMER'S 265/460 VOLT ELECTRIC SERVICE SPACE REQUIREMENTS FOR COMPANY CABLES IN SERVICE END BOXES, MAX. 2 - 500 KCMIL COPPER CON EDISON CABLES PER PHASE

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

DATE 08.16.05 DWG. **348210** REV. **1**
LAST REV. 04.03.07 NO

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

CONSTRUCTION STDS
MANUAL NO. 3
SECT. 36:
SERVICES, U.C.