

EO-6209-C

REVISIONS

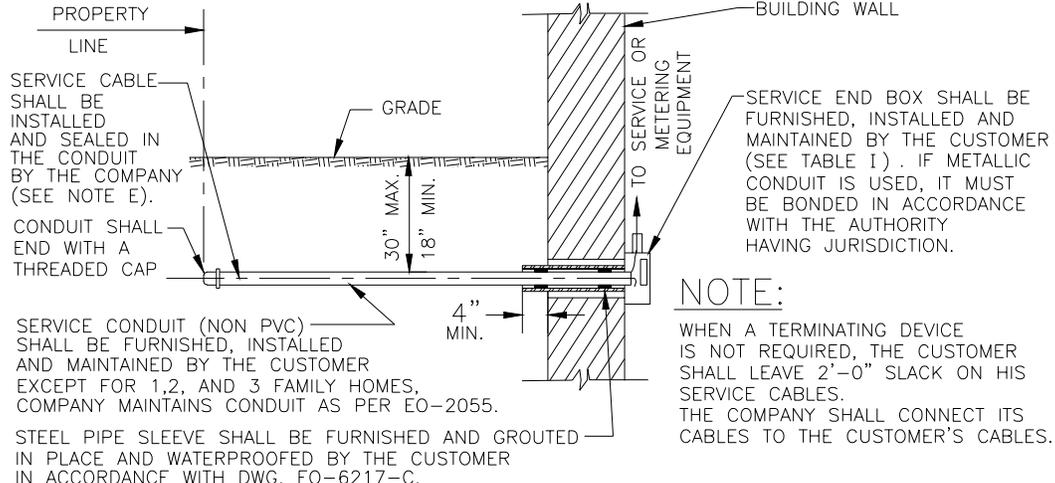
S. PARASHER 9-29-95 13
 REDRAWN TO AUTOCAD.
 ADDED COPPER SIZES #3, 3/0 & 350kcmil FOR CUSTOMER.
 ADDED BOX 12"x12"x8" FOR 2/0 CU. FOR COMPANY
 ADDED NOTES E & F. CHANGED TABLES I&II V.D. 9-20-95

S. PARASHER 2/26/96 14
 ADDED BONDING OF METALLIC CONDUIT WITH END BOX.
 DELETED NOTE B FROM EO-9225-B, EO-9072-B AND EO-9073-B V.D. 2-15-96

S. PARASHER 5-29-97 15
 CHANGED TABLE I. MADE 12"x12"x8" BOX FOR INDOOR USE ONLY.
 MADE CONDUIT AS NON PVC. H.J.M. 5-29-97

FIELD MANUALS NO. 1: SUPV. SPLICING.
 SECT. 9: SECOND. NO. 4: SERV. INSTL.
 SECT. 1: SERV. UNGRND.
 NO. 16: SERV. INSP. & CTRL.
 SECT. 4: ELECT. SERV.
 NO. 22: URD. SECT. 2: CABLES

CONSTRUCTION STD'S. MANUAL NO. 3 SECTION NO. 36 SERVICES: UNDERGROUND



SIZE OF SERVICE END BOX		MAXIMUM NO. AND SIZE OF SETS COMPANY AND CUSTOMER CABLES		
INSIDE DIMENSIONS	DWG. NO. OR APPROVED EQUAL	COMPANY	CUSTOMER	
		COPPER (AWG OR kcmil)	COPPER (AWG OR kcmil)	ALUMINUM (AWG OR kcmil)
10"x 10"x 5"	SEE NOTE C	1-4-#2	1-4-#2 OR 2-4-#2 1-4-#3 OR 2-4-#3	1-4-#1/0
12"x 12"x 8"	SEE NOTE C FOR INDOOR USE ONLY	1-4-#2/0	1-4-#2/0	1-4-#4/0
24"x 12"x 8"	SEE NOTE C	1-4-#4/0	1-8-#4/0 OR 2-4-#4/0 1-8-#3/0 OR 2-4-#3/0	1-4-350 kcmil OR 2-4-350 kcmil
		1-4-#2/0	1-8-#2/0 OR 2-4-#2/0	1-4-#4/0 OR 2-4-#4/0
30"x 18"x 12"	SEE NOTE C	1-4-500kcmil	1-4-500kcmil OR 2-4-500kcmil 1-4-350kcmil OR 2-4-350kcmil	—
		1-4-#4/0	1-8-#4/0 OR 2-4-#4/0 1-8-#3/0 OR 2-4-#3/0	1-8-350 kcmil OR 2-4-350 kcmil
SEE DWG.	EO-9525-B	1-4-500kcmil 1-8-#4/0	SEE NOTE B	SEE NOTE B
SEE DWG.	EO-9072-B	2-4-500kcmil 2-8-#4/0	SEE NOTE B	SEE NOTE B
SEE DWG.	EO-9073-B	3-4-500kcmil 3-8-#4/0	SEE NOTE B	SEE NOTE B

TABLE I

NOTES:

- A) THE RECOMMENDED TYPES OF CONNECTORS AND METHOD OF CONNECTION ARE GIVEN IN SPEC. EO-5403.
- B) THE CUSTOMER SHALL PROVIDE AND CONNECT HIS SERVICE CABLES TO A SUITABLE TERMINATING DEVICE UNDER ANY OF THE FOLLOWING CONDITIONS:
 (1) WHEN CABLES OTHER THAN THOSE LISTED ARE USED.
 (2) WHERE THERE SHALL BE 3 OR MORE SETS OF CUSTOMER CABLES OUT OF A SERVICE END BOX.
- C) MUST BE APPROVED TYPE, SEE TABLE I OF APPROVED ELECTRIC SERVICE EQUIPMENT BOOKLET OR DESIGNATED DRAWING.
- D) THIS SPECIFICATION IS NOT TO BE USED FOR 460 VOLT SERVICES.
- E) REFER TO SPECIFICATIONS EO-1100 AND EO-6217-C FOR DUCT SEALING.
- F) REFER TO SPECIFICATION EO-2055 FOR A.C. SERVICES.

APPROVED SETS OF CABLES WITH 3 PHASES AND NEUTRAL OCCUPYING ONE DUCT (2PHASE & NEUTRAL WHEN NEEDED)

COPPER (AWG OR kcmil)	ALUMINUM EQUIVALENT (AWG OR kcmil)
4- #6(3-#6)	4- #4(3-#4)
4- #3(3-#3)	4- #1/0(3-#1/0)
4- #2(3-#2)	4- #1/0(3-#1/0)
NONE	4- #3/0(3-#3/0)
4- #2/0(3-#2/0)	4- #4/0(3-#4/0)
4- 3/0(3-3/0)	4- 350 (3-350)
4- #4/0(3-#4/0)	4- 350 (3-350)
8- #4/0	8- 350
4- 350(3-350)	4- 500(3-500)
4- 500	8- 350

TABLE II

CUSTOMERS ELECTRIC SERVICE INSTALLATION BUILDINGS WITH BASEMENTS BACK OF PROPERTY LINE WITHOUT PROPERTY LINE BOX INDOOR METERING

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

DATE 3-24-53 DWG. NO. **EO-6209-C** REV. **15**
 LAST REV. 5-29-97

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED

FOR APPROVAL	DIV	SIGNATURE	DATE	DRAWN BY DATE DIRICO 9-20-95	CHECKED BY DATE
				DISCIPLINE CODE	SCALE NONE
				APPROVED	
				DESIGN ENGINEER DATE	RADIAL SYSTEMS SECT. DATE