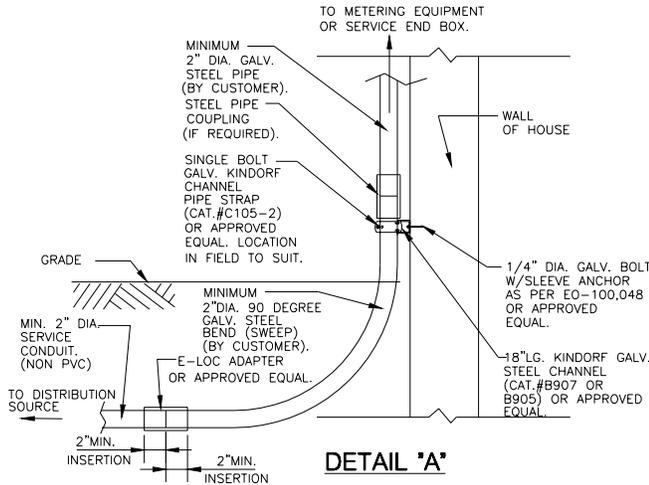
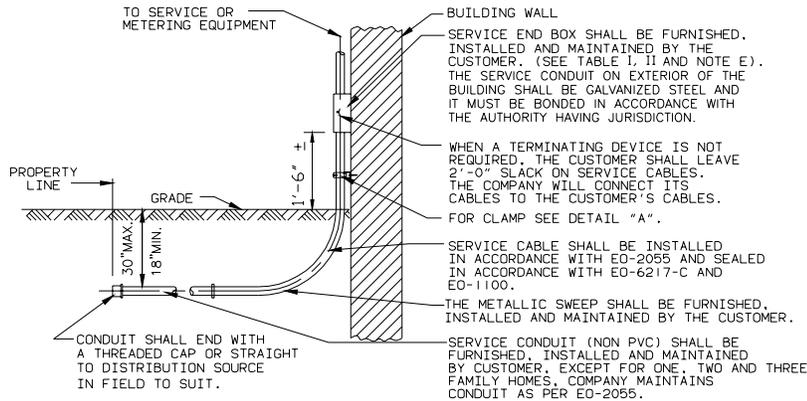


REVISIONS

A. R. JEAN 5/7/93	11
DRAWN TO CADAM ADDED TOL. TO HEIGHT OF SERVICE BOX	
G. R. 5/4/93	JP
S. PARASHER 9-29-95	12
CONVERTED 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. 9-21-95	
S. PARASHER 2/26/96	13
ADDED BONDING OF METALLIC CONDUIT WITH END BOX. DELETED NOTE B FROM EO-9525-B, EO-9072-B, AND EO-9073-B V.D. 2-20-96	
S. PARASHER 6-24-97	14
DELETED BOX 12"x12"x8". AS BOX IS FOR INDOOR USE ONLY. ADDED METALLIC SWEEP FOR OUTDOOR METER. CH'D TABLE I. MADE CONDUIT NON PVC. CH'D FROM 'C' SIZE TO 'B' SIZE FORMAT. ADDED NOTE E AND DETAIL "A".	
H.J.M. 6-24-97	



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
24"x 12"x 8"	SEE NOTE C	1-4-#4/0 1-4-#2/0	1-8-#4/0 OR 2-4-#4/0 1-8-#3/0 OR 2-4-#3/0 1-2-#2/0 OR 2-4-#2/0	1-4-350 kcmil OR 2-4-350 kcmil 1-4-#4/0 OR 2-4-#4/0
30"x 18"x 12"	SEE NOTE C	1-4-500kcmil 1-4-#4/0	1-4-500kcmil OR 2-4-500kcmil 1-4-350kcmil OR 2-4-350kcmil 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:

- THE RECOMMENDED TYPES OF CONNECTORS AND METHOD OF CONNECTION ARE GIVEN IN SPEC. EO-5403.
- THE CUSTOMER SHALL PROVIDE AND CONNECT HIS SERVICE CABLE TO A SUITABLE TERMINATING DEVICE UNDER ANY OF THE FOLLOWING CONDITIONS:
 - WHEN CABLES OTHER THAN THOSE LISTED ARE USED.
 - WHERE THERE SHALL BE 3 OR MORE SETS OF CUSTOMER'S CABLES OUT OF A SERVICE END BOX.
- SERVICE END BOX (IF REQUIRED) MUST BE APPROVED TYPE AND BE WATERPROOFED. SEE TABLE I OF APPROVED ELECTRIC SERVICE EQUIPMENT BOOKLET OR DESIGNED DRAWING FOR BOX DIMENSIONS.
- THIS SPECIFICATION IS NOT TO BE USED FOR 460 VOLT SERVICES.
- SERVICE END BOX SHALL NOT BE INSTALLED FOR ONE, TWO AND THREE FAMILY HOMES, UNLESS REQUIRED TO COMPLY BY LOCAL CODES OR FOUND NECESSARY TO PULL THE SERVICE.
- FOR SERVICES TO ALL ONE, TWO AND THREE FAMILY HOMES, A MINIMUM 3#2 COPPER SERVICE CABLES SHALL BE INSTALLED IN A NON-PVC CONDUIT. THE MAINTENANCE SHALL BE THE COMPANY'S RESPONSIBILITY.

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

REF. SPECS.:

- ELECTRIC SERVICE CONDUIT FOR A.C. SECONDARY SERVICES... EO-1032
- TRENCHING REQUIREMENTS FOR INSTALLING URD CABLES IN CONDUITS AND JOINT TRENCHING... EO-1066
- SAFE PULLING LENGTHS FOR U.G. CABLES... EO-1090
- SEALING OF SERVICE DUCTS, ENTRANCES & BUS OPENINGS ELECTRICAL DISTRIBUTION STRUCTURES... EO-1100
- A.C. SERVICES... EO-2055
- UNDERGROUND COPPER AND ALUMINUM SERVICE CONNECTION... EO-5403
- METHOD OF SEALING PHASE GROUPED CABLES & CONDUITS FOR SERVICES, MANHOLES & VAULTS... EO-6217-C

CUSTOMERS ELECTRIC SERVICE INSTALLATION BUILDING WITH OR WITHOUT BASEMENT, BACK OF PROPERTY LINE, WITHOUT PROPERTY LINE BOX OUTDOOR METERING

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

DATE 3/24/53 DWG. NO. EO-6215-B REV. 14
LAST REV. 6/24/97

DRAWN BY DIRLO	DATE 9-21-95	CHECKED BY	DATE
DISCIPLINE CODE	SCALE	NONE	
APPROVED			
MGR. PROJECT ENGINEER			DATE
MGR. RADIAL SYSTEMS MANAGER			DATE