



ELEVATION VIEW

U.G. ELECTRIC A.C. SERVICE TO PEDESTAL

INSTALLATION PROCEDURE:

1. INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE COMPANY'S SPECIFICATIONS AND THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, NFPA 70. THE INSTALLATION SHALL ALSO BE INSPECTED BY THE AUTHORITY HAVING JURISDICTION.
2. THE POST(S) SHALL BE PRESSURE TREATED.
3. USE MINIMUM 2 - 6" X 6" X 10'-0" PRESSURE TREATED WOOD POSTS FOR PERMANENT SERVICE. THE POST(S) SHALL BE EMBEDDED IN CONCRETE IN TWO FEET DIAMETER HOLE AND FOUR FEET DEEP. THE WOOD POSTS ARE INSTALLED SIDE BY SIDE.
4. THE CUSTOMER CAN MOUNT THE SERVICE EQUIPMENT IN WEATHER TIGHT ENCLOSURE THAT CAN BE CLOSED AND LOCKED.
5. THE CUSTOMER TO PROVIDE GROUND CONNECTION IN ACCORDANCE WITH NATIONAL ELECTRIC CODE AS APPLICABLE.
6. PROVIDE 5/8" THICK PRESSURE TREATED WOOD BACKBOARD FOR MOUNTING METER SOCKET THROUGH IN A TRUE VERTICAL POSITION, USE 5/8" LAG BOLTS TO STRENGTHEN THE ASSEMBLY.
7. CUSTOMER TO SUPPLY APPROVED METER SOCKET, TO BE OF THE LOCKING JAW TYPE WITH A GROUNDED 5TH TERMINAL AT THE 9 O'CLOCK POSITION FOR SINGLE PHASE ONLY.
8. REGARDING SERVICE CONDUIT SEALING REFER TO EO-6217-C.
9. FOR MINIMUM COMPACTED COVER REQUIREMENTS, REFER TO THE LATEST ISSUE OF THE NATIONAL ELECTRICAL CODE, NFPA 70 ART. 300. PAY PARTICULAR ATTENTION TO ART. 300.5(J) GROUND MOVEMENT.
10. THE FINAL CONNECTION FOR MAKING THE SERVICE ALIVE SHALL BE MADE BY THE COMPANY.
11. IF A SERVICE IS LARGER THAN 300 AMPS, INSTALL A C.T. CABINET IN ACCORDANCE WITH DWG. 321388 OR DWG. 321389.
12. THIS SPECIFICATION IS NOT TO BE USED FOR 460 VOLT SERVICES.

No.	REVISIONS	PROJ ENGR	DATE
2	ELEV. VIEW - REMOVED ITEM NUMBERS. - ADDED DESCRIPTION "MIN. 2" DIA. 90 DEGREE GALV. STEEL BEND (SWEEP) BY CUSTOMER." - REVISED SERVICE COVER FROM 24" MIN. TO 18" MIN./30" MAX. REVISED INSTALL. PROCEDURES 4, 5, 8, 10, 11, & 12 H.J.M. 10/28/15	SUSHIL PARASHER	10/28/15

UNDERGROUND ELECTRIC A.C. SERVICE TO PEDESTAL	CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT		
	DATE 02/12/2015 LAST REV. 10/28/2015	DWG. NO. 507256	REV. 2 SH. 1 OF 2

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED
	2	FOR CHANGES TO THIS SHEET SEE ABOVE REVISION BOX.	SUSHIL PARASHER	10/28/15	H.J.M.	02/12/2015			KEVIN OEHLMANN MGR. OVRHD STANDARDS & PLANNING SUSHIL PARASHER PROJECT ENGINEER

NOTES:

1. CUSTOMER SHALL SUBMIT DRAWINGS FOR APPROVAL WHEN CHANGES TO SPECIFICATIONS ARE BEING MADE.
2. THE CUSTOMER SHALL CONSULT WITH COMPANY PRIOR TO INSTALLING THE PEDESTAL.
3. THE CUSTOMER'S EQUIPMENT CAN BE SUITABLY MOUNTED ON THE PEDESTAL OR AT A DIFFERENT SUITABLE LOCATION DEPENDING UPON FIELD CONDITIONS.
4. DEPENDING UPON FIELD CONDITIONS, IF THE PEDESTAL IS VULNERABLE TO TRAFFIC, THE CUSTOMER CAN INSTALL GALVANIZED STEEL BALLARDS, IN ACCORDANCE WITH DWG. 507436.
5. APPROPRIATE SPECIFICATIONS SHALL BE USED WHEN INSTALLING ALL TYPES OF SERVICE CONDUITS AFTER THE SWEEP GOING TOWARDS THE SERVICE. SEE PAGE 1 OF 2.
6. SERVICE LINE END BOX OR PROPERTY LINE BOX TO BE INSTALLED AS APPLICABLE AS PER FIELD CONDITIONS.

REFER SPECS & DWGS:

- ELECTRIC SERVICE CONDUITS FOR AC SECONDARY SERVICES -----EO-1032
- SEALING OF SERVICE DUCTS, ENTRANCES, AND BUS OPENINGS IN ELECT. DIST. -----EO-1100
- AC SERVICES-----EO-2055
- INSTALLATION OF DIRECT BURIED HDPE CONDUIT -----EO-3036
- PROPERTY LINE SPLICE BOX REQUIREMENTS FOR BUILDING BACK OF PROPERTY LINE -----EO-6210-B
- CUSTOMERS ELECTRIC SERVICE INSTALLATION BUILDING WITH OR WITHOUT BASEMENT, BACK OF PROPERTY LINE, WITHOUT PROPERTY BOX OUTDOOR METERING -----EO-6215-B
- METHOD OF SEALING GROUPED CABLES AND CONDUITS FOR SERVICES, MH AND VAULTS -----EO-6217-C
- TRENCHING REQUIREMENTS FOR INSTALLING URD CABLES IN CONDUITS OR DIRECT BURIED AND JOINT TRENCHING -----EO-6224
- PRIMARY AND SECONDARY CABLE RISER-----EO-8302-B
- GROUNDING FOR PADMOUNTED TRANSFORMERS AND SWITCHES-----EO-12181-B
- INSTALLATION OF OUTDOOR WATTHOUR METER SOCKET -----MES 394
- TRANS 'S' CABINET FOR LOW VOLTAGE 200A OR 400A THREE-PHASE FOUR WIRE SERVICE SPEC. NO. MES 755 -----321388
- TRANS 'S' CABINET FOR LOW VOLTAGE 400A - 800A THREE-PHASE FOUR WIRE SERVICE SPEC. NO. MES 757 -----321389
- U/G AND O.H. ELECTRIC SUPPLY TO TELEPHONE BOOTH(S)-----367892
- UNDERGROUND ELECTRIC A.C. SERVICE TO PEDESTAL -----507436

Issued

No.	REVISIONS	PROJ ENGR	DATE
2	REMOVED BILL OF MATERIAL. REVISED NOTE 1, DELETED NOTE 3, REALIGNED NOTE NUMBERS AND ADDED NEW NOTES 5 & 6. ADDED DWGS. 507436 & EO-6210-B TO REFER. SPECS. & DWGS. H.J.M. 10/28/15	SUSHIL PARASHER	10/28/15

FILING INFORMATION			
FIELD MANUAL No. 24: URD, SECT. 9; MISCELLANEOUS			
FIELD MANUAL No. 22: URD, SECT. 9; MISCELLANEOUS			
CONSTRUCTION STDS. MANUAL No. 3 SECT. 7; OVERHEAD: SECT. 16; URD			

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