

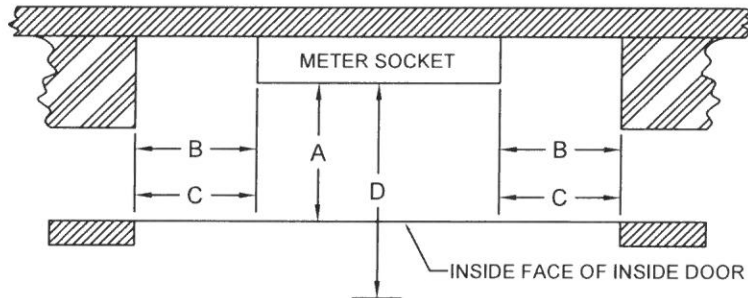
EO-16680-C

SPECIFICATIONS

REVISIONS

JS 9/19/88 HCM	2
REDRAWN TO CADAM, CHGD. FILING INFO. JP W. J. T 9/14/88	
V. FERGUSON 7/24/03	3
REVISED TO INCLUDE NEW METER HEIGHTS. CHANGED NOTES #5 AND #6. G.D. 7/24/03	
C. MAGOULAS 9/29/09	4
CH'D DISTRIBUTION ENGINEERING DEPT. TO ELECTRIC METER SHOP IN TITLE BOX. HJM. 09/29/09	
ENG: A. MILLER	5
REVIEWED DRAWING. NO CHANGES MADE. ISSUE FOR RECORD. DES: N. POLYDOROU 4/21/16	
ENG: A. MILLER	6
REVISED DRAWING TO ADD CLEARANCE FOR SOCKET AP METER 5/2/19	
ENG: M. PAROBEK	7
ADDED SPECIFICATION #1 FOR COASTAL FLOOD AREAS. ALL SPECIFICATION NUMBERS ARE NOW OFFSET BY PLUS 1. 9/27/21	

- PREMISES LOCATED IN COASTAL FLOOD AREAS: EFFECTIVE OCTOBER 1ST 2021, ALL NEW PREMISES BEING CONSTRUCTED IN COASTAL FLOOD AREAS, CUSTOMERS ARE EXPECTED TO COMPLY WITH FEMA DESIGNATED FLOOD ZONES/LINES REQUIREMENTS AND CONSULT WITH THE AUTHORITIES HAVING JURISDICTION IN THEIR RESPECTIVE AREA TO DETERMINE SUITABLE LOCATIONS FOR METER MOUNTING EQUIPMENT. PLEASE CONSULT WITH YOUR ESD REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. ALL METER MOUNTING EQUIPMENT MUST COMPLY WITH CON EDISON INSTALLATION STANDARDS AND SPECIFICATIONS AS WELL AS APPROVED INSPECTIONS BY ENERGY SERVICES.
- THIS SPECIFICATION IS FOR SPACE REQUIREMENTS ONLY AND IN NO RELIEVES THE CUSTOMER FROM COMPLYING WITH THE PROVISIONS OF THE COMPANY'S 'ELECTRIC SERVICE RULES' OR FROM SUBMITTING DRAWINGS OF THE PROPOSED INSTALLATION TO ASCERTAIN THAT IT COMPLIES WITH THE COMPANY'S REQUIREMENTS.
- THE COMPANY WILL NOT SUPPLY SERVICE UNTIL THE CUSTOMER'S INSTALLATION SHALL HAVE FULFILLED THE COMPANY'S REQUIREMENTS.
- WATTHOUR METERS SHALL BE SO LOCATED THAT THE METERS WILL BE ACCESSIBLE FOR READING AND TESTING, WILL BE FREE FROM VIBRATION, AND WILL NOT BE EXPOSED TO MECHANICAL INJURY.
- WATTHOUR METER SOCKETS SHALL NOT BE INSTALLED IN ANY RECESS OR ENCLOSURE UNLESS THE DESIGN OF THE INSTALLATION AND IT'S LOCATION HAVE THE APPROVAL OF THE COMPANY.
- SINGLE ROW OF METER SOCKETS, WHERE PRACTICAL, SHALL BE A HEIGHT OF 4 FEET 6 INCHES MINIMUM TO 5 FEET 6 INCHES MAXIMUM ABOVE FLOOR FLOOR LEVEL TO CENTER LINE OF METER SOCKETS.
- METER SOCKETS IN MULTIPLE ROWS SHALL BE POSTPONED AS FOLLOWS:  
2, 3 AND 4 HIGH VERTICAL STACK - 5 FEET 6 INCHES MINIMUM FROM HIGHEST METER CENTER LINE OPENING TO FLOOR LEVEL.  
5 AND 6 HIGH VERTICAL STACK - 6 FEET 6 INCHES MAXIMUM FROM HIGHEST METER CENTER LINE OPENING TO FLOOR LEVEL.  
FOR ALL INSTALLATIONS THE LOWEST METER CENTER LINE OPENING SHALL BE NOT LESS THAN 2 FEET ABOVE FLOOR LEVEL.
- SOCKETS SHALL BE INSTALLED TO PROVIDE A MINIMUM DISTANCE OF 10 INCHES BETWEEN SOCKET CENTERS BOTH VERTICALLY AND HORIZONTALLY.
- A CLEAR SPACE OF AT LEAST 6 INCHES SHALL BE PROVIDED AT EACH SIDE OF A BANK OF VERTICAL TYPE METER SOCKETS. AND AT TOP AND BOTTOM OF HORIZONTAL TYPE METER SOCKETS AND THERE SHALL BE A CLEAR SPACE OF AT LEAST 3 FEET IN FRONT OF THE METER SOCKET COVERS.
- IN ADDITION TO THE FOREGOING GENERAL REQUIREMENTS THE INSTALLATION SHALL COMPLY WITH THE SPACE REQUIREMENTS SHOWN BELOW.



PLAN VIEW OF METER CLOSET

CLEARANCES

- A - NINE INCHES MINIMUM FOR A METER WITHOUT A DEMAND REGISTER.
- A - TWELVE INCHES MINIMUM FOR A METER WITH A DEMAND REGISTER.
- A - FIFTEEN INCHES MINIMUM FOR SOCKET AP METER (NEW CONSTRUCTION ONLY).
- B - SIX INCHES MINIMUM TO BUILDING STRUCTURE OR INSTALLED MATERIAL.
- C - SIX INCHES MINIMUM WITH DOOR OPEN.
- D - THREE FEET MINIMUM WITH DOOR OPEN.

NOTES

- DOORS MUST CLEAR SIDES OF EACH METER SOCKET BY 6 INCHES WHEN DOORS ARE OPEN.
- WHERE REMOVABLE WIRE SCREENS ARE TO BE USED TO PROTECT METERS, DETAILED DRAWINGS SHALL BE SUBMITTED TO THE COMPANY OF THE PROPOSED INSTALLATION TO ASCERTAIN THAT IT IS IN COMPLIANCE WITH THE COMPANY'S REQUIREMENTS.
- METER CLOSETS MAY BE INSTALLED OUTDOORS AS PERMITTED BY THE AUTHORITIES HAVING JURISDICTION AND SHALL BE OF WEATHERPROOF CONSTRUCTION

FIELD MANUALS  
NO.4-SERV. INSTL.  
SECT. NO. 6:  
NO.16 SERV. INSP. & CNTRL  
SECT. NO. 3

SPACE REQUIREMENTS FOR METERING CLOSET

CONSOLIDATED EDISON COMPANY OF N.Y. INC.  
ELECTRIC METER SHOP

DATE: 8/15/62  
LAST REV: 9/27/21

MES 528 REV. 7

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED

FOR APPROVAL	DIV	SIGNATURE	DATE	DRAWN BY DATE C. WILLIAMS	CHECKED BY DATE
				TRACED BY DATE	SCALE NONE
				APPROVED <i>[Signature]</i>	
	DWG NO. EO-16680-C	REV. 7		CHIEF DESIGN ENGINEER BENNY SCHALL	DATE 3/11/85
				ELECTRICAL DIST. ENGINEER	DATE