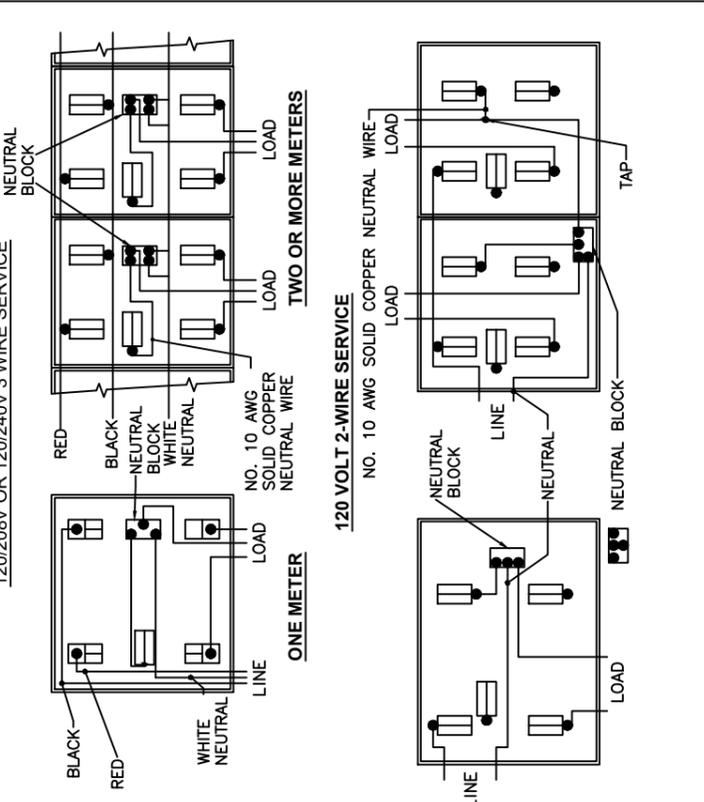
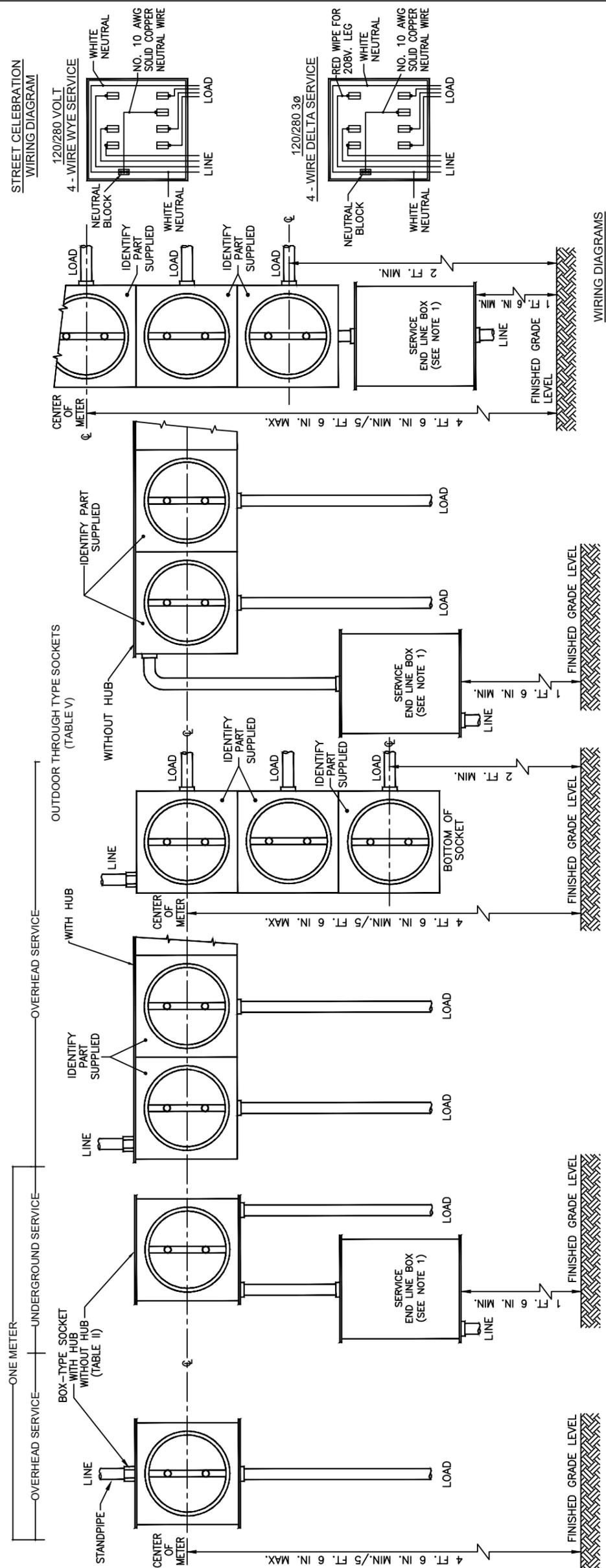


EO-7921-A

REVISIONS

|   |            |   |
|---|------------|---|
| J A S.3/13/86                                   | 13         | REDRAWN ON CADAM. ADDED LABEL FOR STREET CELEB. CHGD. NOTE 3. |
| D.C   | 2-26-86    |   |
| T. L. MATCHETT<br>P. PHILIPPO 9/8/93            | 14         | ADDED NEUTRAL TERMINAL BLOCKS                                 |
| V D   | 9/1/93     | JP  |
| V.FERGUSON                                      | 1/21/99    | 15  |
| ADDED MIN. & MAX. HEIGHTS FOR METER & SOCKET.   |            |   |
| CHANGED NOTE 3.                                 |            |   |
| G.D.  | 1/21/99    |   |
| V.FERGUSON                                      | 7/24/03    | 16  |
| CHANGED MIN. & MAX. HEIGHTS FOR METER & SOCKET. |            |   |
| CHANGED NOTE 3.                                 |            |   |
| G.D.  | 7/24/03    |   |
| A. MILLER                                       | 4/22/16    | 17  |
| REVIEWED DRAWING. NO CHANGES MADE.              |            |   |
| N.P.  | 4/22/16    |   |
| A. ZHANG  | 7/24/19    | 18  |
| REVIEWED DRAWING. NO CHANGES.                   |            |   |
| UPDATED ON CAD                                  |            |   |
| A.Z.  | 7/24/19    |   |
| A. MILLER                                       | 02/29/2024 | 19  |
| REVIEWED DRAWING. CHANGED WORDING.              |            |   |
| A.M.  | 02/29/2024 |   |
| C. FELDMAN                                      | 05/23/2024 | 20  |
| REVIEWED DRAWING. CHANGED NOTE 1.               |            |   |
| R.L.  | 02/29/2024 |   |
| A. MILLER                                       | 05/1/2025  | 21  |
| CHANGED NOTE 4 TO MATCH MES-395                 |            |   |
| R.L.  | 05/01/2025 |   |

FIELD MANUALS  
NO. 4: SERV. INSTL.  
NO. 6: METER INSTL.  
NO. 16: SERV. INSP. & CONTROL  
NO. 3: ELECT. METER



- NOTES:**
- 1- INSTALLATION AND EQUIPMENT SHALL BE IN ACCORDANCE WITH CON EDISON BLUE BOOK "REQUIREMENTS FOR SERVICE INSTALLATION" (LATEST REVISION) TABLE 1. AN END LINE BOX (ELB) MAY BE INSTALLED AS REQUIRED IN COMPLIANCE TO EO-6215-B.
  - 2- METERS SHALL BE INSTALLED ON THE SIDE OF HOUSE PROVIDING WALKWAY OR DRIVEWAY ACCESS WHEN PRACTICABLE.
  - 3- METER SOCKETS SHALL BE INSTALLED SO THE METER CENTER LINE OPENING IS 4 FT. 6 IN. MINIMUM TO 5 FT. 6 IN. MAXIMUM ABOVE FINISHED GRADE LEVEL. THE LOWEST METER SOCKET ON VERTICAL MULTIPLE POSITION (3 METERS OR LESS) METER PANS SHALL BE NO LOWER THAN 2 FT. MINIMUM FROM GRADE LEVEL.
  - 4- A NEW INSTALLATION OF ONE- AND TWO-METER SOCKETS FOR NON-RESIDENTIAL CUSTOMERS AND FOR ONE-, TWO- AND THREE-FAMILY HOUSES MUST BE INSTALLED ON THE LINE SIDE OF THE SERVICE DISCONNECT THREE TO SIX METER SOCKETS FOR NON-RESIDENTIAL CUSTOMERS AND METER SOCKETS SERVING MORE THAN THREE-FAMILY SHOULD ALSO BE INSTALLED ON THE LINE SIDE OF THE SERVICE DISCONNECT. WHERE THE EXISTING SERVICE DISCONNECT IS ALREADY ON THE LINE SIDE OF THE METER SOCKETS AND ADDING ANOTHER METER SOCKET REQUIRES REPLACING THE CURRENT SERVICE DISCONNECT. THE NEW METER SOCKETS MUST BE INSTALLED ON THE LINE SIDE OF THE SERVICE DISCONNECT. METER SOCKETS SHALL BE SET PLUMB AND LEVEL. THIS MAY REQUIRE THE USE OF SHIMS FOR INSTALLATION ON SHINGLES OR SIDING.
  - 5- THE SERVICE END BOX, WHEN USED SHALL BE INSTALLED AT A HEIGHT OF 1 FT. 6 IN. ABOVE GRADE TO THE BOTTOM OF THE BOX.
  - 6- THE CONTRACTOR SHALL CONNECT THE COLOR-CODE SERVICE CONDUCTORS TO ALL SOCKET JAWS EXACTLY AS SHOWN. COLORS ARE THE SAME AS REQUIRED BY PAR. B30-62.0 (d2) OF THE "ELECTRICAL CODE OF THE CITY OF NEW YORK." PHASE IDENTIFICATION BY COLOR SHALL BE MAINTAINED FROM THE POINT OF SERVICE ENTRANCE TO THE METER SOCKETS.
  - 7- A BLANK COVER PLATE (TABLE III) SHALL BE INSTALLED ON EACH METER SOCKET.
  - 8- FOR 120/208 VOLT SERVICE, THE COMPANY WILL CONNECT THE CONTRACTOR'S COLOR-CODED CONDUCTORS TO SERVICE CONDUCTORS WITH PHASE SEQUENCE SO THAT FOR 3-WIRE SERVICE BLACK LEADS RED.
  - 9- WHEN SERVICE IS ALIVE, CORRECTNESS OF CONNECTIONS CAN BE DETERMINED AT THE METER SOCKETS WITH A PHASE SEQUENCE INDICATOR.
  - 10- FOR STREET CELEBRATIONS, INSTALL A FIVE-JAW WATTHOUR METER SOCKET FOR 3-WIRE SUPPLY OR 2-WIRE SUPPLY TO ANY LOAD, WITH OR WITHOUT DEMAND. A SEVEN-JAW WATTHOUR METER SOCKET SHALL BE INSTALLED FOR 4-WIRE SERVICE.
  - 11-

**INSTALLATION OF  
OUTDOOR WATTHOUR METER SOCKET**

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

DATE 3-28-52  
LAST REV. 05/1/2025

MES 394-A REV.21

| FOR APPROVAL | DIV | SIGNATURE   | DATE   | DRAWN BY              | DATE    | CHECKED BY | DATE |
|--------------|-----|-------------|--------|-----------------------|---------|------------|------|
|              |     | Adam Miller | 5/4/25 |                       | 3-28-52 |            |      |
|              |     |             |        | TRACED BY             | DATE    | SCALE      |      |
|              |     |             |        | D C                   | 2-26-86 | NONE       |      |
|              |     |             |        | APPROVED              |         |            |      |
|              |     |             |        | CHIEF DESIGN ENGINEER | DATE    |            |      |
|              |     |             |        | R. SHALL              | 3/13/88 |            |      |
|              |     |             |        | INST. INSTRU. ENGR.   | DATE    |            |      |