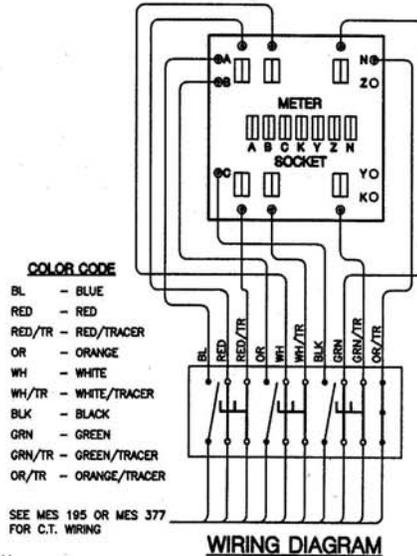
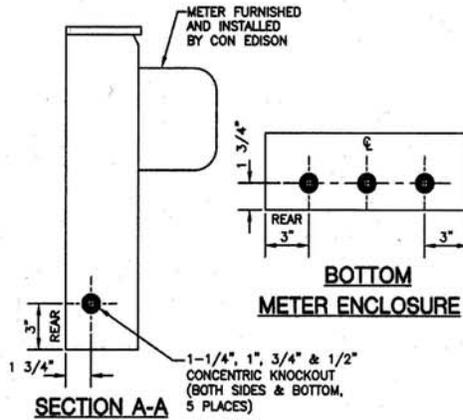
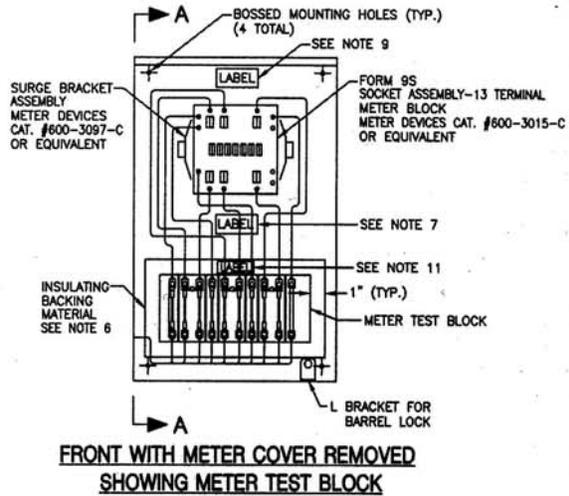
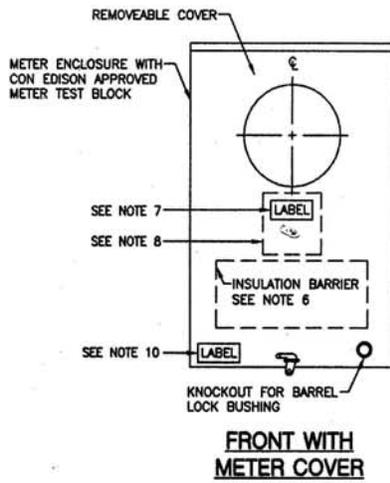


314156

V.FERGUSON	1/6/99
<b>REVISIONS</b>	
V.FERGUSON	4/20/99
1	CHANGED WIRING DIAGRAM. G.D.
V.FERGUSON	12/28/99
2	CHANGED NOTE 7. G.D.



**NOTES:**

- ENCLOSURE SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALD STEEL.
- ENCLOSURE SHALL BE UL AND N.Y.C. ADVISORY BOARD APPROVED.
- PROVISIONS FOR INSTALLATION OF CON EDISON APPROVED LOCKING DEVICES AND LOCKING DEVICE HARDWARE MUST BE PROVIDED. TO BE INSTALLED BY CONTRACTORS.
- METER ENCLOSURES WILL BE PROVIDED WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM TEST SWITCH TO THE SOCKET ASSEMBLY. EITHER HOOK OR RING TYPE TINNED COPPER LUGS MAY BE PROVIDED AS TERMINATION'S FOR THE STRANDED WIRES TO THE TOP OF THE TEST SWITCH.
- THIS STANDARD SHALL NOT BE USED AS A DESIGN CRITERIA. DIMENSIONS SHOWN ARE RECOMMENDED MINIMUMS ONLY.
- MINIMUM 1/8" THICK INSULATING MATERIAL OPPOSITE THE TEST SWITCH ON ALL METER COVERS. INSULATING BACKING MATERIAL, MOUNTED UNDER THE METER TEST BLOCK, TO EXTEND 1" BEYOND TEST SWITCH, 265/460 VOLTS VERSION ONLY.
- LABELS REQUIRED BOTH INSIDE AND OUTSIDE OF METER ENCLOSURE "CAUTION: BEFORE REMOVING METER OPEN ALL TEST SWITCHES", "DO NOT USE DISCONNECT SLEEVES ON THIS METER".
- COPY OF WIRING DIAGRAM REQUIRED ON INSIDE OF METER ENCLOSURE COVER.
- A LABEL ON INSIDE METER ENCLOSURE "USE EXISTING KNOCKOUTS ONLY". LABELS FOR 265/460 VOLT METER ENCLOSURE
- A RED LABEL WITH BLACK LETTERING ON THE OUTSIDE OF METER ENCLOSURE "DANGER 277/480 VOLTS".
- A YELLOW LABEL WITH BLACK LETTERING INSIDE METER ENCLOSURE "CAUTION 277/480 VOLTS".

**INSTALLATION DETAILS:**

- FINAL CONNECTIONS PER MES 195 OR MES 377 FOR 4 WIRE INSTALLATIONS.
- METER AND LOCK INSTALLED BY COMPANY FORCES.

**WIRING NOTES:**

- CONDUCTORS FROM TOP OF TEST SWITCH TO METER SOCKET SHALL BE #12 AWG STR. (19/25) THHN COPPER, COLOR CODED AS SHOWN. USE RING OR HOOK TYPE TINNED COPPER LUGS FOR WIRES TO TOP OF TEST SWITCH. SPADE LUGS ARE NOT ACCEPTABLE.

**REFERENCES:**

- MES 195 - WIRING DIAGRAM FOR 200-800 AMP, BAR TYPE CURRENT TRANSFORMERS
- MES 200 - TEN POLE CONNECTION BLOCK
- MES 377 - MOUNTING DETAILS AND WIRING FOR 1000-4000 AMP, WINDOW TYPE CURRENT TRANSFORMERS

**FIELD MANUALS**

NO.4: SERVICE INSTALLATIONS SECT.6: METER INSTALLATIONS

NO.16: SERVICE INSP. & CONTROL SECT.3: ELECT. METERING

**FORM 9S METER SOCKET ENCLOSURE SPEC. NO. MES 751**

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

DATE 1/6/99 DWG. NO. 314156 REV.2  
LAST REV. 12/28/99