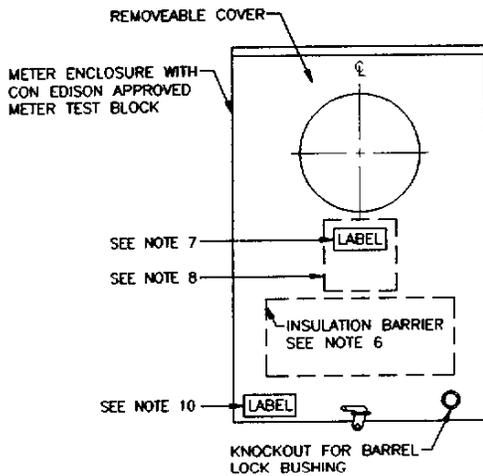


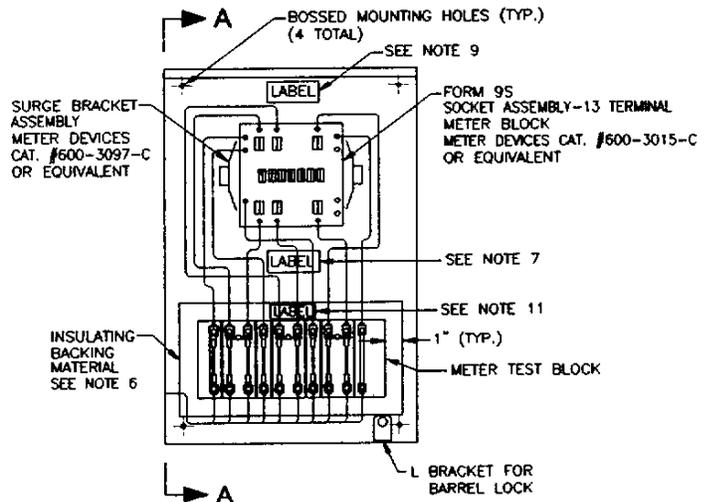
314156

V.FERGUSON 1/6/99

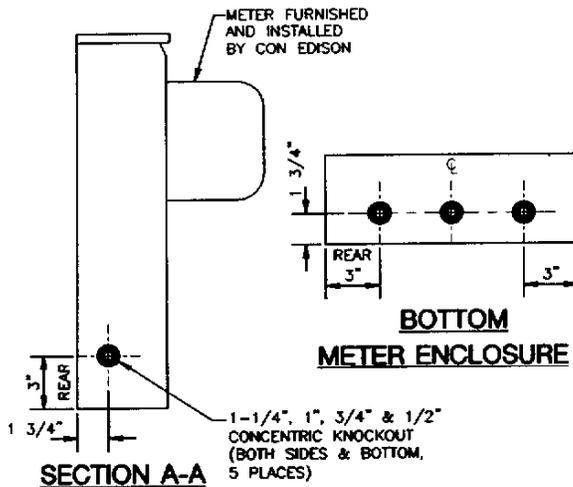
REVISIONS	
V.FERGUSON 4/20/99	1
CHANGED WIRING DIAGRAM G. 4/20/99	



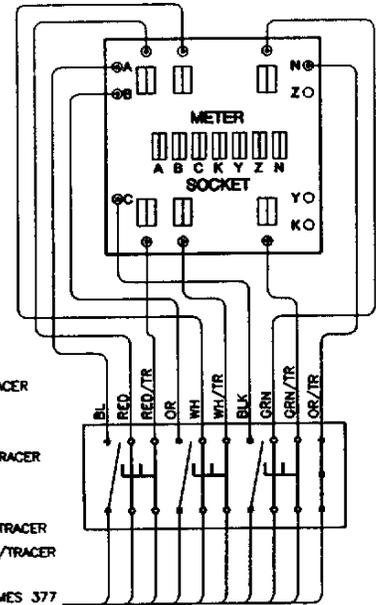
**FRONT WITH METER COVER**



**FRONT WITH METER COVER REMOVED SHOWING METER TEST BLOCK**



**BOTTOM METER ENCLOSURE**



**WIRING DIAGRAM**

**COLOR CODE**

BL	- BLUE
RED	- RED
RED/TR	- RED/TRACER
OR	- ORANGE
WH	- WHITE
WH/TR	- WHITE/TRACER
BLK	- BLACK
GRN	- GREEN
GRN/TR	- GREEN/TRACER
OR/TR	- ORANGE/TRACER

SEE MES 195 OR MES 377 FOR C.T. WIRING

**NOTES:**

- ENCLOSURE SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED 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) THIN 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.
- LABEL REQUIRED BOTH INSIDE AND OUTSIDE OF METER ENCLOSURE "CAUTION: BEFORE REMOVING METER OPEN ALL TEST SWITCHES".
- 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) THIN 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

**FORM 95 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.	1
LAST REV.	4/20/99				

FIELD MANUALS  
SERVICE INSTALLATIONS  
SECT. 6: METER INSTALLATIONS

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