

MES-195-C

REVISIONS

V. FERGUSON 10

CHANGED NOTE A. LABELED WIRE ORANGE/TRACER.

G.D. 8-29-1997

A. MILLER 11

REVIEWED DRAWING NO CHANGES MADE ISSUE FOR RECORD.

N.P. 5-19-2016

A. MILLER 12

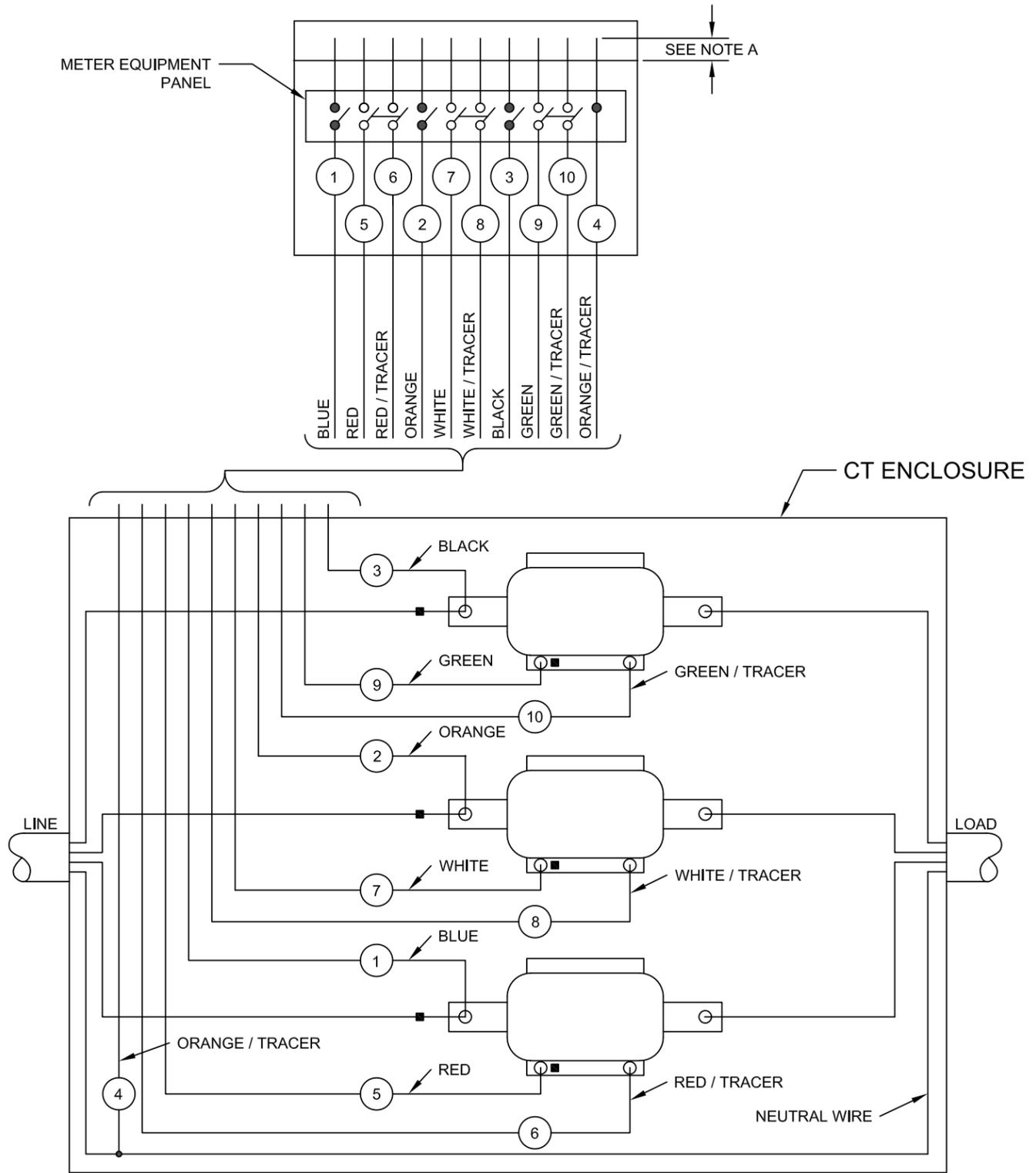
REVIEWED DRAWING CHANGED NOTES A AND E.

N.P. 7-26-2022

T. SIDHOM 13

UPDATED LAYOUT. REORDERED NOTES. CHANGED NOTE A AND F.

T.S. 10-18-2024



NOTES:

- A. MINIMUM LENGTHS OF 18" OF #10 AWG TYPE R OR T SOLID COPPER WIRE SHALL BE CONNECTED BY THE CUSTOMER TO EACH TERMINAL AT THE TOP OF THE METER EQUIPMENT PANEL.
- B. WIRE NOS. 5,6,7,8,9 AND 10 ARE TO BE CUT TO PROPER LENGTH BUT ARE NOT TO BE CONNECTED TO CURRENT TRANSFORMERS.
- C. ALL WIRES ARE TO BE COLOR CODED AS SHOWN.
- D. ■ INDICATES POLARITY MARK. THE TRANSFORMERS ARE TO BE SET WITH THE PRIMARY POLARITY ON THE LINE SIDE.
- E. ALL SECONDARY WIRES AND POTENTIAL WIRES ARE TO BE CONTINUOUS WITHOUT SPLICE AND ARE TO BE IN RIGID CONDUIT, OR ELECTRICAL METALLIC TUBING. THE CONDUIT MUST BE CONTINUOUS FROM THE CT. CABINET TO THE METER EQUIPMENT.

- F. MULTIPLE CONDUCTOR CABLE IS TO BE #10 AWG. (19/22) STRANDED COPPER INSULATION FOR STRANDED CONDUCTORS WILL BE R OR T TYPE INSULATION. INSULATED RING TONGUE LUGS ARE TO BE USED FOR CONNECTION OF STRANDED WIRES TO THE METER CONNECTION BLOCK AND TO THE NEUTRAL BUS. THE CUSTOMER SHALL CONNECT THE WIRE TO EACH TERMINAL AT THE BOTTOM OF THE METER EQUIPMENT PANEL. SPADE OR FORK TYPE LUGS ARE NOT ACCEPTABLE.

WIRING DIAGRAM FOR 200-800 AMP, BAR-TYPE CURRENT TRANSFORMERS

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

DRAWN BY: W.J.T.

SCALE: N/A
UNITS: INCHES

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED

FOR APPROVAL	DIV	SIGNATURE	DATE	DATE: 11/22/1989
				LAST REV: 10/18/2024
				APPROVED
	DWG NO. MES 195-C	REV. 13		SUPERVISOR: ADAM MILLER SECTION MANAGER

FIELD MANUAL NO. 4 SERVICE INSTL. SECTION 6: METER INSTL. FIELD MANUAL NO. 16 SERV. INSPEC. & CONTRL.: SECTION 3: ELECTRIC METERING.