

620

REVISED 4/07

120/240 VOLT, SINGLE-PHASE, THREE-WIRE CURRENT TRANSFORMER WIRING DIAGRAM (OVER 400 AMPERES BUT NOT OVER 1200 AMPERES)

TRANSFORMER RATED METER SOCKET WITH A TEST SWITCH.

METERING CABLE AND WIRING WILL BE FURNISHED AND INSTALLED BY THE COMPANY.

CURRENT TRANSFORMERS (SEE ARTICLE 504)

PRIMARY POLARITY MARKS IDENTIFIED BY A WHITE MARKER OR "HI", INSTALLED ON LINE SIDE AS SHOWN.

SERVICE ENTRANCE OR SERVICE LATERAL CONDUCTORS.

GROUNDING SERVICE NEUTRAL CONDUCTORS.

A MAXIMUM OF 3 CONDUCTORS MAY BE DIRECTLY CONNECTED TO EACH LINE AND LOAD TERMINALS. WHERE MORE THAN 3 CONDUCTORS ARE REQUIRED. (CONTACT POWER DELIVERY) (SEE ARTICLES 504 AND 509)

(COVER REMOVED)

LINE SIDE | LOAD SIDE

MULTIPLE SERVICE TAPS TO OTHER SERVICE DISCONNECTS CAN ORIGINATE ON THE LOAD SIDE OF THE CURRENT TRANSFORMER.

SERVICE DISCONNECTING MEANS AND OVERCURRENT PROTECTION ENCLOSURE.

THE ENCLOSURE IS BONDED TO THE GROUNDED NEUTRAL BUS BY THE MAIN BONDING JUMPER OR BONDING SCREW.

WHEN ALUMINUM CONDUCTORS ARE INSTALLED ALL CONNECTIONS IN THE METERING CABINET MUST BE PROPERLY COATED WITH AN INHIBITOR COMPOUND. IT IS HIGHLY RECOMMENDED TO USE THE INHIBITOR COMPOUND ON THE CONDUCTOR CONNECTIONS IN THE SERVICE DISCONNECT OR SERVICE PANELBOARD.

ALL SERVICE CONDUCTOR CONNECTORS IN THE METERING CABINET AND SERVICE DISCONNECT OR SERVICE PANELBOARD MUST BE TORQUED TO THE MANUFACTURER'S SPECIFICATIONS LABEL FOUND ON THE EQUIPMENT.

APPROVED GROUNDING (SEE DRAWING 636)

