

**628 208Y/120 VOLT ,240/120 VOLT* AND 480Y/277 VOLT THREE-PHASE, FOUR-WIRE INDOOR
(GREATER THAN 200 AMPERES, BUT NOT EXCEEDING 1200 AMPERES)**

REVISED 4/07

(*NOTE 240/120 VOLT THREE-PHASE, FOUR-WIRE INSTALLATION ARE LIMITED TO 300 AMPS.)

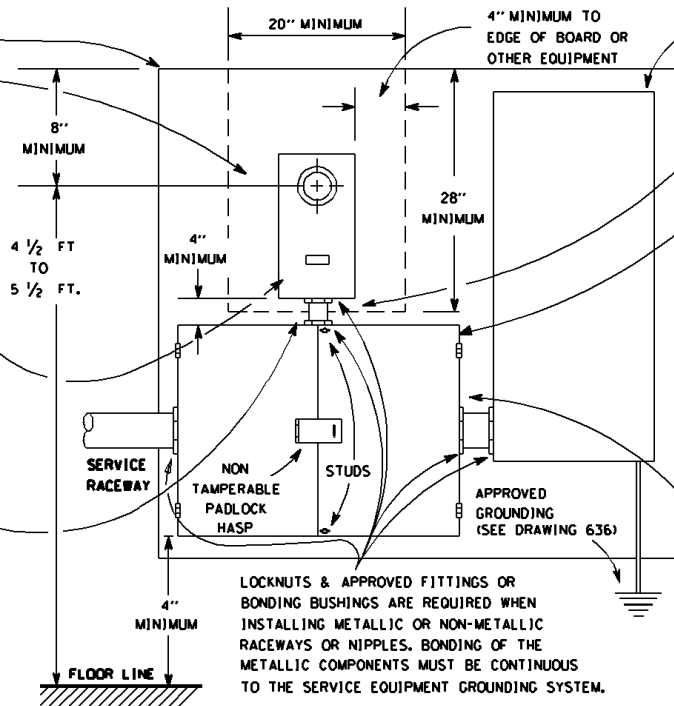
FOR SERVICE AMPACITIES GREATER THAN 1200 AMPERES, OR FOR BUS-BAR INSTALLATIONS, CONSULT POWER DELIVERY.

WHERE REQUIRED A SERVICE EQUIPMENT BOARD MUST BE MOUNTED PLUMB.

A CLEAR SPACE AT LEAST 20" WIDE BY 28" HIGH MUST BE AVAILABLE FOR THE METER SOCKET, WHEN THE CURRENT TRANSFORMER CABINET AND THE MAIN SERVICE DISCONNECTING MEANS ARE MOUNTED AT ANOTHER LOCATION. (SEE ARTICLES 505 AND 508)

THE TRANSFORMER RATED METER SOCKET WITH TEST SWITCHES IS FURNISHED BY THE COMPANY & INSTALLED BY THE CUSTOMER. IT MUST BE MOUNTED PLUMB. ALL OTHER EQUIPMENT & CONDUCTORS SHOWN ARE FURNISHED & INSTALLED BY THE CUSTOMER. (REFER TO DRG. 629 FOR ADDITIONAL INFORMATION & WIRING DIAGRAM)

WHEN A NON-METALLIC NIPPLE OR RACEWAY IS INSTALLED BETWEEN THE CURRENT TRANSFORMER CABINET & THE TRANSFORMER RATED METER SOCKET, A NO. 10AWG INSULATED OR BARE COPPER CONDUCTOR MUST BE INSTALLED IN THE NIPPLE OR RACEWAY. IT MUST BE CONNECTED AT BOTH ENDS TO BOND THE METER SOCKET TO THE C.T. CABINET. (SEE ARTICLE 317A)



THE SERVICE DISCONNECTING MEANS AND OVERCURRENT PROTECTION ENCLOSURE.

2" MINIMUM SIZE CONDUIT. (SEE ARTICLE 509G)

THE CURRENT TRANSFORMER CABINET IS FURNISHED & INSTALLED BY THE CUSTOMER. A 44" X 30" X 10" IS THE MINIMUM CABINET SIZE REQUIRED. (A 32" X 24" X 10" CABINET MAY BE PERMITTED FOR 480Y/277 VOLT SERVICES LESS THAN 200 AMPERES AND 240/120 VOLT SERVICES UP TO 300 AMPERES). A LARGER THAN THE BASIC SIZE CABINET MAY BE REQUIRED WHEN INSTALLING PARALLEL LINE SIDE CONDUCTORS, LINE SIDE TAP CONDUCTORS TO ANOTHER METER POSITION, OR PARALLEL OR MULTIPLE LOAD SIDE CONDUCTORS. REFER TO ARTICLE 510 & CONSULT ENERGY DELIVERY FOR ADDITIONAL INFORMATION.

LOCKNUTS & APPROVED FITTINGS OR BONDING BUSHINGS ARE REQUIRED WHEN INSTALLING METALLIC OR NON-METALLIC RACEWAYS OR NIPPLES. BONDING OF THE METALLIC COMPONENTS MUST BE CONTINUOUS TO THE SERVICE EQUIPMENT GROUNDING SYSTEM.

THE CABINET MAY BE INSTALLED AT DIFFERENT LOCATIONS THAN SHOWN, BUT THE CURRENT TRANSFORMERS MUST BE READILY ACCESSIBLE. (SEE ARTICLE 510)