

634

METHOD OF MOUNTING CURRENT TRANSFORMERS AND METERING ON THE SIDE OF A BUILDING

REVISED 4/03

WEATHER-HEAD MUST BE INSTALLED ABOVE THE SERVICE-DROP ATTACHMENT DEVICE

CURRENT TRANSFORMER AND SECONDARY CONDUIT BOX

THIS DRAWING SHOWS A METHOD OF MOUNTING 3 CURRENT TRANSFORMERS FOR A 3-PHASE 4-WIRE SERVICE. SINGLE-PHASE 3-WIRE CURRENT TRANSFORMERS MAY BE MOUNTED IN A SIMILAR MANNER.

TRANSFORMER RATED METER SOCKET WITH TEST SWITCHES IS FURNISHED BY THE COMPANY & INSTALLED BY THE CUSTOMER. IT MUST BE MOUNTED PLUMB.

*10 CU GREEN INSULATED BONDING CONDUCTOR MUST BOND TRANSFORMER RATED METER SOCKET & SERVICE CONDUIT RISER

THE GROUNDED SERVICE NEUTRAL CONDUCTORS

THE CUSTOMER SHALL FURNISH SERVICE ENTRANCE CONDUCTORS OF ADEQUATE SIZE TO CARRY THE LOAD & OF SUFFICIENT LENGTHS FOR CONNECTION TO THE SERVICE DROP.

METER POTENTIAL LEADS

SERVICE DROP

THE METER POTENTIAL LEADS, METER CABLES, SERVICE DROP & FINAL CONNECTIONS ARE FURNISHED & INSTALLED BY THE COMPANY. THE TRANSFORMER RATED METER SOCKET, CURRENT TRANSFORMERS, SECONDARY CONDUIT BOXES & 1" PIPE PLUG ARE FURNISHED BY THE COMPANY & INSTALLED BY THE CUSTOMER. SERVICE DROP ATTACHMENT DEVICE TO BE FURNISHED & INSTALLED BY THE CUSTOMER.

REFER TO DRAWING 600 FOR CLEARANCE REQUIREMENTS

SEE "DETAIL OF CONNECTIONS TO CURRENT TRANSFORMERS" ON DRAWING 633

NO. 4 SOLID BARE COPPER CONDUCTOR ATTACHED EVERY 12 INCHES

FINISHED GROUND LINE

APPROVED GROUNDING (SEE DRAWING 636)

3 FT.

MINIMUM TO OTHER EQUIPMENT

4 1/2 FT. TO 5 1/2 FT.

4"