

635

REVISED 4/07

A METHOD OF MOUNTING CURRENT TRANSFORMERS AND METERING ON A SERVICE MAST

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

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

A BACK GUY MAY BE REQUIRED (CONTACT ENERGY DELIVERY)

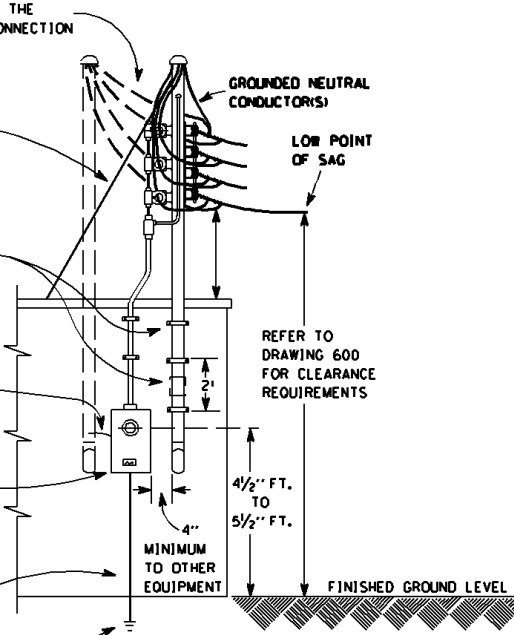
MAST SUPPORTS ARE ATTACHED TO THE BUILDING WITH TWO MACHINE BOLTS THROUGH THE WALL. IF ADDITIONAL HEIGHT IS REQUIRED FOR ROOF OR GROUND CLEARANCES, A COUPLING CAN BE INSTALLED BELOW THE SECOND MAST SUPPORT OR A MAST, OTHER THAN A SERVICE RACEWAY, CAN BE INSTALLED. (CONTACT POWER DELIVERY)

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

TRANSFORMER RATED METER SOCKET WITH TEST SWITCHES AND MOUNTING BRACKETS ARE FURNISHED BY THE COMPANY, AND INSTALLED BY THE CUSTOMER. THE METER SOCKET MUST BE MOUNTED PLUMB.

NO. 4 SOLID BARE COPPER CONDUCTOR ATTACHED EVERY 12 INCHES

APPROVED GROUNDING (SEE DRAWING 636)



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

REFER TO DRAWING 600 FOR CLEARANCE REQUIREMENTS

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

MINIMUM TO OTHER EQUIPMENT

FINISHED GROUND LEVEL