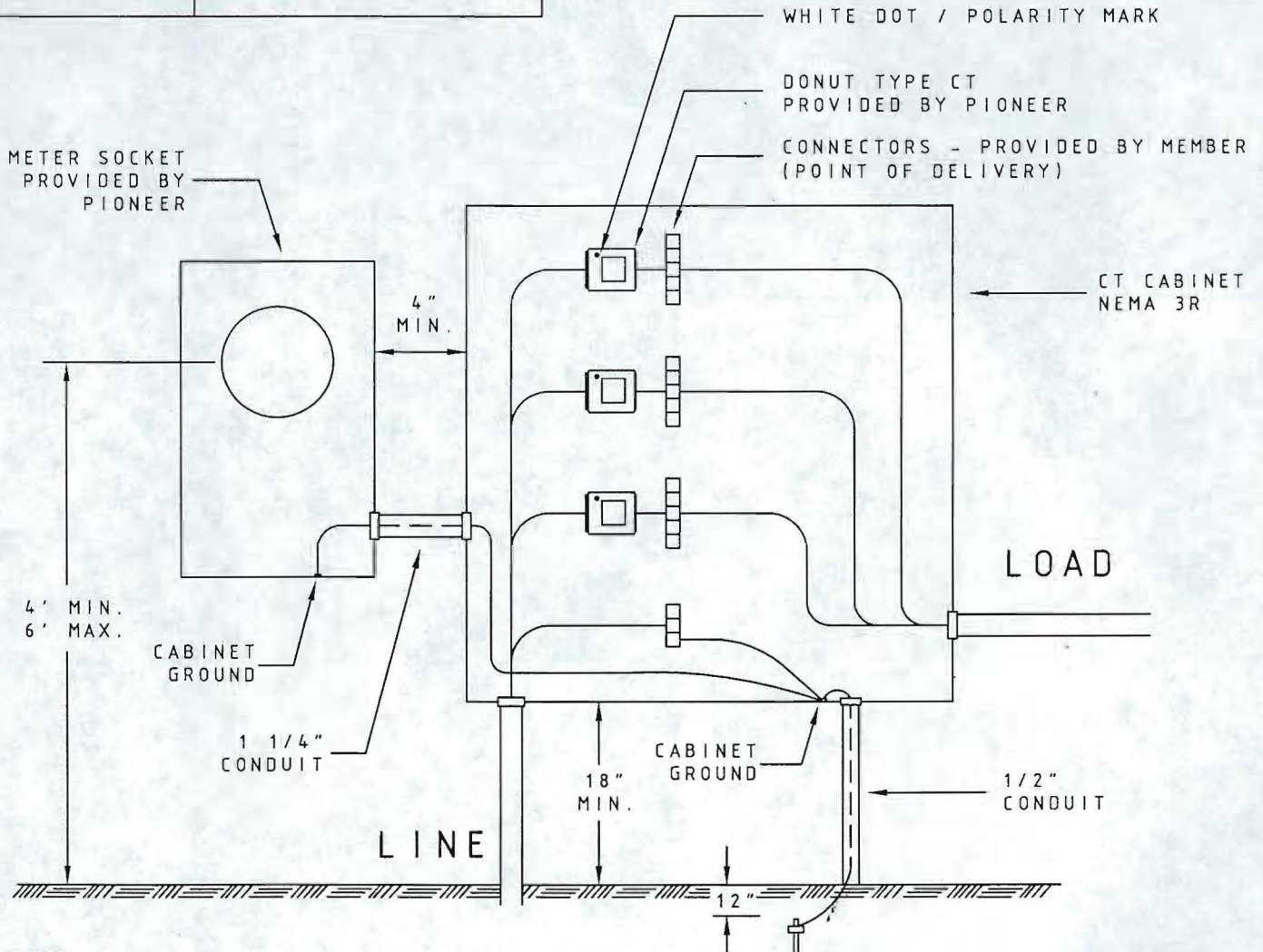


MINIMUM CABINET SIZE	
24" x 24" x 12"	SECONDARY TERMINATION BOX
30" x 30" x 12"	SERVICES UP TO 400 AMPS
36" x 36" x 12"	SERVICES 401 TO 800 AMPS
48" x 48" x 12"	SERVICES 801 TO 1600 AMPS
60" x 60" x 13"	SERVICES 1601 TO 2400 AMPS



NOTES:

1. CT CABINET FURNISHED AND INSTALLED BY MEMBER SHALL BE OF SUBSTANTIAL STRENGTH WITH CORROSION PROTECTION, SUCH AS PAINTED GALVANIZED STEEL NEMA 3R. ALUMINUM OR FIBER REINFORCED POLYESTER ENCLOSURES MUST BE USED IN CORROSIVE AREAS. IT SHALL HAVE PROVISIONS FOR INSTALLING A PIONEER PADLOCK AND SEAL. THE INSIDE BACK OF THE CABINET SHALL BE ENTIRELY COVERED BY 3/4" TREATED PLYWOOD FOR MOUNTING THE CURRENT TRANSFORMERS. A GROUNDING LUG SHALL BE PROVIDED TO GROUND THE CABINET.
2. THE WHITE DOT POLARITY MARK ON THE CT SHALL BE TOWARD THE ENERGY SOURCE OR THE LINE SIDE.
3. MEMBER SHOULD MOUNT THE METER SOCKET OR CABINET NEXT TO THE CT CABINET AND INSTALL 1 1/4" CONDUIT BETWEEN THE TWO. IF THE METER SOCKET CANNOT BE INSTALLED NEXT TO THE CT CABINET, IT MAY BE LOCATED UP TO 10 FEET AWAY WITH PIONEER APPROVAL.
4. THE CT CABINET AND METER SOCKET SHALL BE GROUNDED. BONDING TO THE SYSTEM NEUTRAL IS REQUIRED IF THE SYSTEM NEUTRAL IS GROUNDED. GROUND WIRE SHALL REMAIN CONTINUOUS AND UNBROKEN BETWEEN GROUND ROD AND METER SOCKET.
5. PIONEER WILL INSTALL THE SECONDARY WIRING BETWEEN THE CT AND THE METER SOCKET.
6. THE CONDUCTOR CONNECTIONS SHALL BE MADE WITH BOLTED CONNECTIONS FURNISHED AND INSTALLED BY MEMBER WHERE REQUIRED.

8 FOOT MINIMUM DRIVEN
GROUND ROD AND
GROUND CLAMP
GROUND WIRE BARE #6 MINIMUM

PIONEER RURAL ELECTRIC CO-OP., INC. PIQUA, OHIO 45356	
CURRENT TRANSFORMER CABINETS UNDERGROUND SERVICE DONUT TYPE CTS	
Apr., 2003	UM8-7