

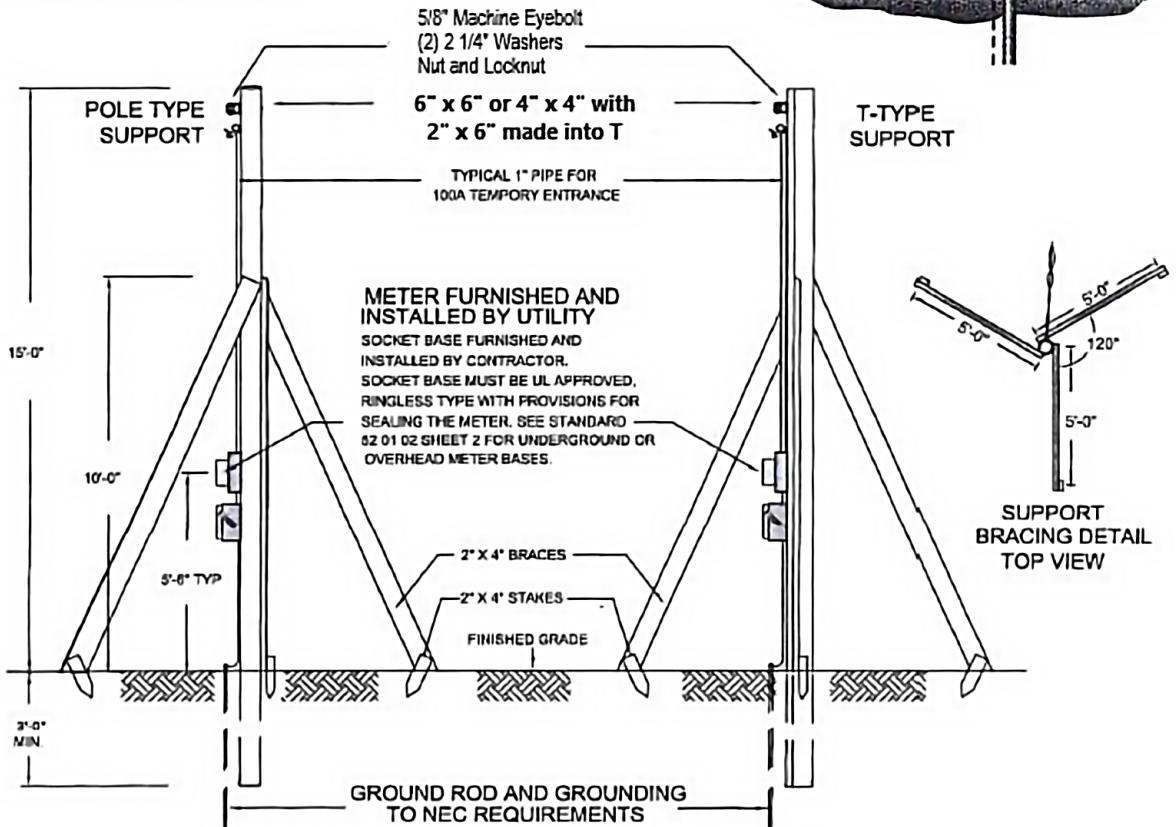
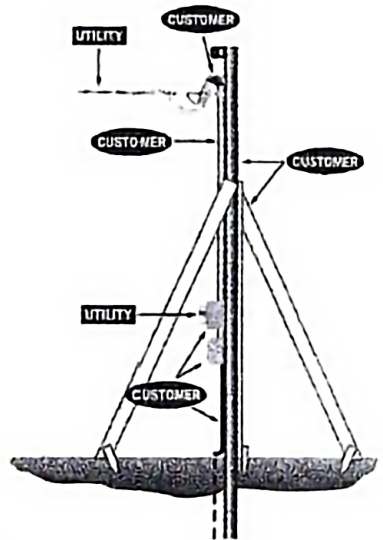
REQUIREMENTS FOR 100A OVERHEAD 120/240V TEMPORARY SERVICE

NOTE:

ALL MATERIALS EXCEPT THE METER ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. WORK MUST CONFORM TO NATIONAL ELECTRIC CODE AND BE APPROVED BY THE AUTHORIZED INSPECTION AUTHORITY

MAXIMUM DISTANCE FROM UTILITY SUPPLY POLE - 20'. MINIMUM DISTANCE FROM UTILITY SUPPLY POLE - 15'.

THIS STANDARD DOES NOT APPLY WHEN THE UTILITY SERVICE CROSSES A STREET /HIGHWAY TO SERVE A TEMPORARY SERVICE POLE. ADDITIONAL HEIGHT WILL BE REQUIRED FOR TEMPORARY SERVICE POLE. IN SUCH CASES CONTACT YOUR SERVICE LOCATOR FOR ADDITIONAL REQUIREMENTS.



TOP VIEW

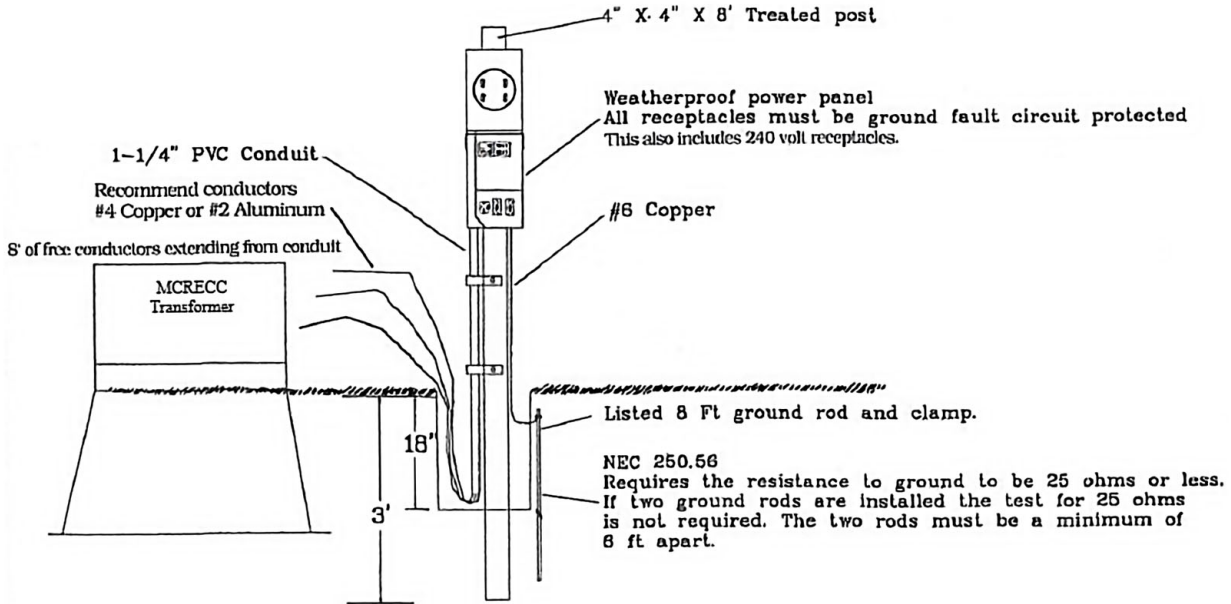


IMPORTANT

**INSTALLATION AND SUPPORT DETAIL FOR OVERHEAD
1Ø 3-WIRE 120/240V 100 AMP TEMPORARY SERVICE. CONTACT
YOUR SERVICE LOCATOR FOR LARGER SIZE TEMPORARIES**

Underground Temporary Service Guide

Caution High Voltage lines are in area of transformer. MCRECC's Engineering Department will spot location to set temporary pole.



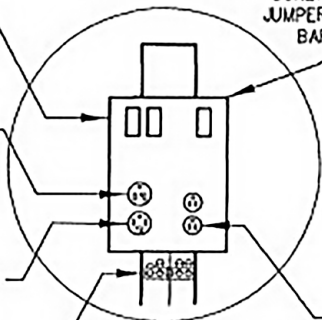
240 VOLT WEATHERPROOF
PANELBOARD, FUSED OR
BREAKER

120 VOLT,
30 AMP RECEPTACLE
MUST BE GROUND-FAULT
CIRCUIT PROTECTED

120/240 VOLT
30A RECEPTACLE
MUST BE GROUND-FAULT
CIRCUIT PROTECTED
SEE NEC 527-6(8.2)

INTERSYSTEM BONDING
TERMINAL (4 POSITION
MINIMUM)

VIEW "A"



INSTALL BONDING
SCREW(S) OR BONDING
JUMPER FROM NEUTRAL
BAR TO GROUNDING
BAR

ALL 120 VOLT,
15 AND 20 AMP RECEPTACLES
SHALL BE GROUND-FAULT
CIRCUIT INTERRUPTER TYPE OR
APPROPRIATE AMPERAGE
GROUND FAULT BREAKERS

SEE
VIEW
"A"

4"x4" WOOD POST
(8'-0" LENGTH)

60 AMP
METER BASE
(MINIMUM)

12"
(MAX.)

CONDUIT STRAP

#6 BARE COPPER
GROUNDING SYSTEM
SHOULD BE TERMINATED
ON THE PANELBOARD
GROUNDING TERMINAL.

12"

1'-6"

3'-0"

GROUND WIRE WRAP

NOTES:

- (1) WIRING MUST BE CERTIFIED AS MEETING NEC, ARTICLE 527 WITH AN INSPECTION STICKER.
- (2) BRACING AS REQUIRED BY LOCAL ELECTRICAL INSPECTOR.
- (3) A MINIMUM OF 32 FEET OF #6 BARE COPPER CONDUCTOR WRAPPED AROUND THE POST AT 12 INCHES OR MORE BELOW GRADE LEVEL IS PREFERRED. GROUND ROD OR GROUND PLATE ARE ACCEPTABLE ALTERNATIVES.
- (4) SEE NEC OR LOCAL ELECTRICAL INSPECTOR FOR ADDITIONAL INFORMATION.
- (5) Stub up 2.5" conduit at bottom of pole, or supply enough conduit to reach to the transformer. Rule of thumb would be 40' of wire. If supplying conduit please supply weatherhead.