



METER SOCKET DESIGNED FOR UNDERGROUND SERVICE.

* CONDUCTORS ENCLOSED IN RIGID METAL, INTERMEDIATE METAL, OR SCHEDULE 80 PVC CONDUIT. IF SCHEDULE 80 CONDUIT IS USED, FITTINGS AND ADAPTERS MAY BE SCHEDULE 40.

GROUNDING ELECTRODE CONDUCTOR

PROTECTIVE BUSHING REQUIRED ON END OF CONDUIT UNLESS COMPLETE CONDUIT SYSTEM IS USED.

MINIMUM 4"x4" SQUARE TREATED POLE OR EQUIVALENT

SEE NOTE 2

WEATHERPROOF UL APPROVED MAIN DISCONNECT PANEL (60 AMP MIN)

SEE NOTE 1

4'-0" MIN / 5'-0" MAX

3'-0" MIN POLE DEPTH

5/8" x 8'-0" COPPER CLAD GROUND ROD & CLAMP (SEE NOTE 3).

Notes:

1. 125 Volt single phase, 15, 20, and 30 Amp receptacle outlets installed on the pole shall have ground-fault circuit-interrupter (GFCI) protection.
2. If non-metallic conduit is used between the meter socket and main disconnect, a bonding conductor shall be installed.
3. A single ground electrode shall be supplemented by an additional electrode except when the single electrode has a resistance to earth of 25 ohms or less.
4. Over current protection for the service equipment shall be properly sized per National Electric Code (NEC).
5. Outdoor electrical equipment shall be installed in suitable enclosures and shall be protected from accidental contact by unauthorized personnel.
6. Drawing and recommendations are intended to serve as guidance for compliance with code and utility requirements. The NEC and/or Local Code Authorities may have additional requirements to those shown. The more stringent requirement will take precedence for differences between authorities.

* Conductor Sizes for 120/240 Volt, Temporary Construction Service Equipment

Service Rating (Amperes)	Ungrounded Conductor Size (Minimum)		Typical Grounded (Neutral) Conductor Size		Grounding Electrode and Bonding Conductor Size
	Copper	Aluminum	Copper	Aluminum	
60	6 AWG	4 AWG	8 AWG	6 AWG	6 AWG
100	2 AWG	1/0 AWG	4 AWG	2 AWG	6 AWG
200	3/0 AWG	250 kcmil	1/0 AWG	3/0 AWG	4 AWG

This table is only a guide for some minimum conductor requirements and is not intended to be a comprehensive list of acceptable conductor sizes. The NEC should be reviewed to ensure compliance with all applicable requirements, including but not limited to conductor size, material, and insulation type.



UNDERGROUND TEMPORARY CONSTRUCTION METER POLE FOR 120/240 VOLT, 3-WIRE

DATE	REVISION	DRAWN	CHECK	DATE	FILE NAME
08/18/16	CHANGED COMPANY LOGO	CLJ	JLJ	JAN. 2016	UG TO TEMP METER POLE
		SCALE	SHEET	ASSEMBLY	
		NOT TO SCALE	1 OF 1		N/A