



Temporary Construction Pole Electric Service Requirements

60 – 200 AMP Capacities, 120/240-Volt Single-Phase

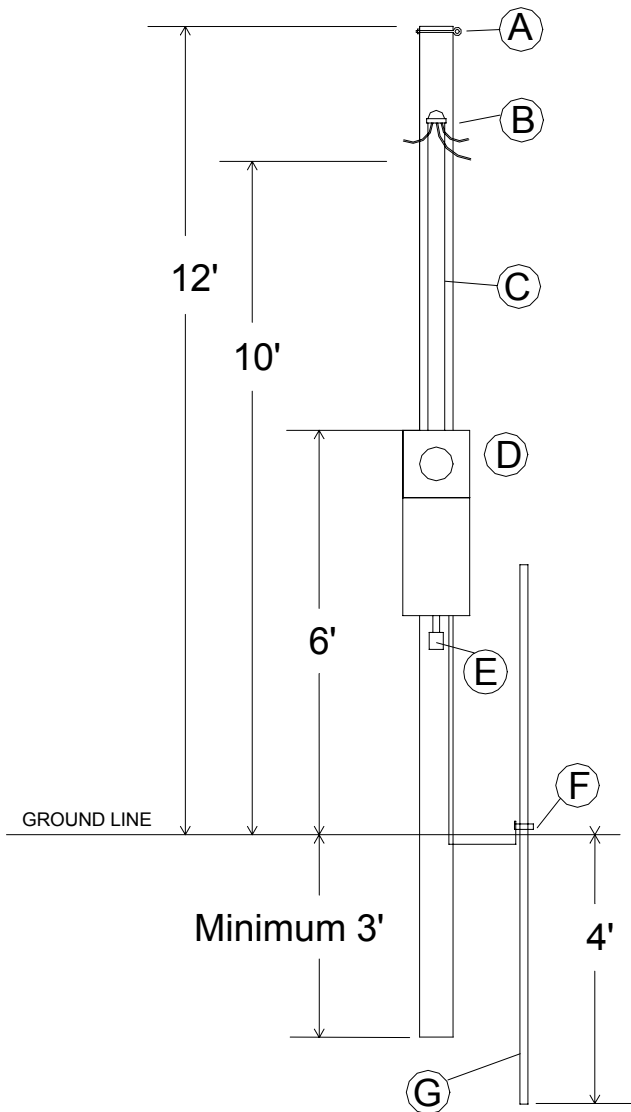
**Greenville Light and Power
System**

423-636-6200

www.glps.net

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NOTE: Temporary construction pole is shown here without braces for clarity, **pole must be braced**. Refer to overhead view below for bracing instructions.



- A. **ATTACHMENT:** The customer must provide point of attachment at the top of the pole. Either an eyebolt or a J-hook is acceptable and must be within the top 6 inches of the pole (12 feet above ground).
- B. **WEATHERHEAD:** The weather head must be within the top 2 feet of the pole and have at least 18 inches of wire extending through the weatherhead for GLPS to connect to. At no time shall the drip loop formed by the entrance wires be less than 10' from the ground.
- C. **CONDUIT:** PVC conduit is acceptable for the weather head. Size is based on amperage of the service panel.
- D. **METERBASE:** The top of the meter base should be mounted at 6 feet from the ground line. This height will allow any other equipment below the base to be at the correct height.
- E. **RECEPTACLE:** The pole must have at least one outlet below the breaker panel. All outlets **must be** of the GFCI type, **OR** should be protected with a GFCI breaker. The outlet must also have a weatherproof type cover.
- F. **GROUND CLAMP:** The ground clamp used should be a teardrop, single bolt style and **NOT** the 2-bolt water pipe style clamp.
- G. **GROUND ROD:** The ground rod should be 8 feet in length and at least 5/8 inch round. At least 4' of the rod should be driven into the ground with the ground wire attached at the top. Ground wire must be no less than #6 bare copper.

BRACES: Two (2) Braces 2"x4"x12' must be attached to the pole at least 9' above ground, one on each side of pole

CLEARANCE: The pole must be able to provide the following clearances:

- Roads 18' Use 6"x6" pole
- Driveways 16' Use 6"x6" pole
- Open Ground 12' Use 4"x4" pole

POLE:

- **MINIMUM** of 15 feet overall length
- **MINIMUM** 3 feet in the ground
- **MINIMUM** 4" x 4" square treated pole, or 4" round pole.

The temporary construction pole is required to be inspected each time it is moved.

This type of pole should be used for **construction** sites only. Electric fences, well pumps, farm power, greenhouses, campsites or any number of other uses are covered with the *General Use Pole ESR*.

Contact GLPS Engineering at 423-636-6202 PRIOR to installing this type of metered service.

NOTE: This is to be used as a guide only - some installations may vary. All installations must meet current NEC, NESC and GLPS requirements.

