



General Use Pole Electric Service Requirements

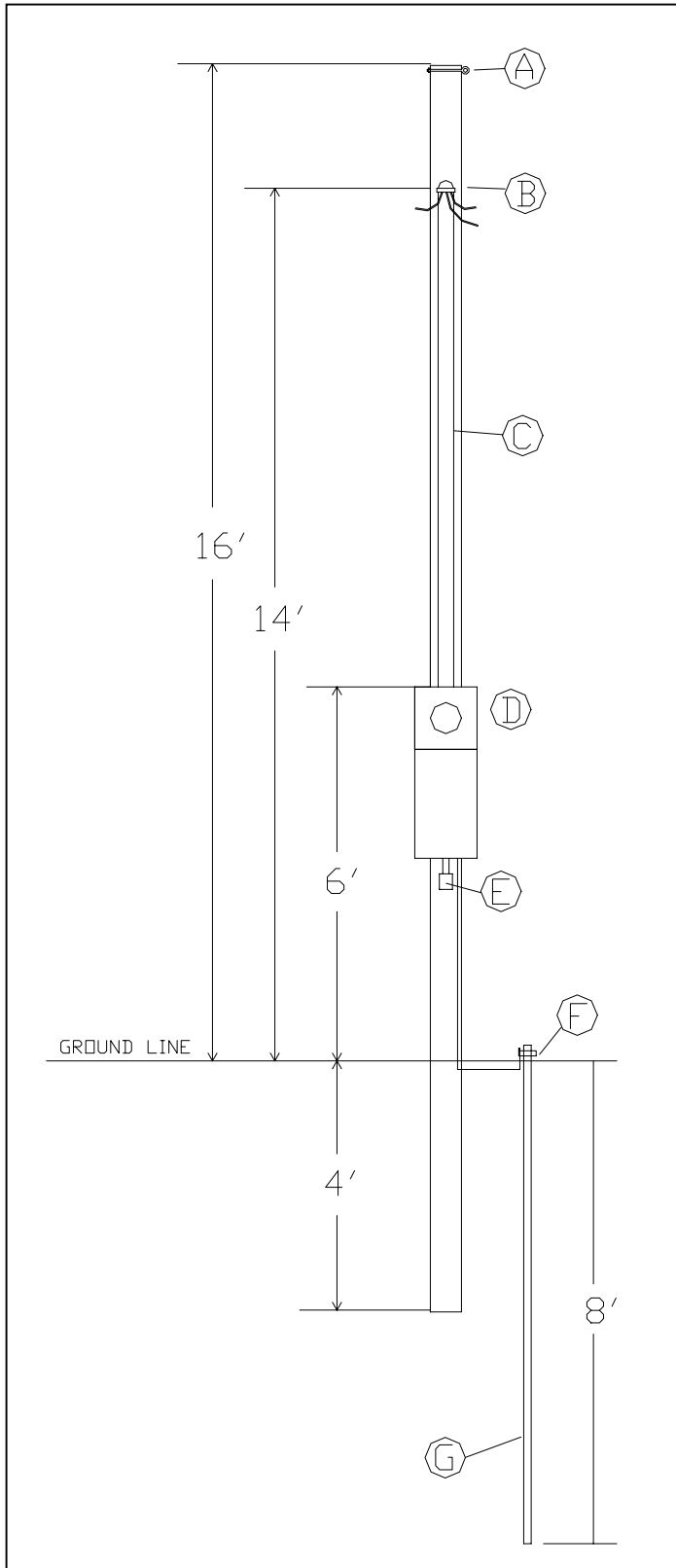
100 – 200 AMP Capacities, 120/240-Volt Single-Phase

Greenville Light and Power
System

423-636-6200

www.glps.net

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- 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 (16 feet above ground).
- B. **WEATHERHEAD:** The weatherhead 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.
- C. **CONDUIT:** PVC conduit is acceptable for the weather head. Size is based on amperage of the service panel.
- D. **METER BASE:** 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. A combination meter base and breaker panel is suggested for ease of installation and for cost savings.
- E. **RECEPTACLE:** The pole must have at least one outlet below the breaker panel. This outlet 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. The entire 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.

The pole itself **MUST** be a **MINIMUM** of 20 feet overall length, with 4 feet in the ground. Pole **MUST** be 6" x 6" square treated pole, or 6" round pole.

This type of pole should be used for any permanent, **non-construction** sites. Electric fences, well pumps, farm power, greenhouses, campsites or any number of other uses are covered with this type pole.

Contact GLPS Engineering at 423-636-6200 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.