

20' Round treated pole

3' entrance service conductor extending out of weatherhead

Galv. iron or schedule 40 PVC conduit

U.L. approved meter base

Weatherproof breaker box (with appropriate size breaker)

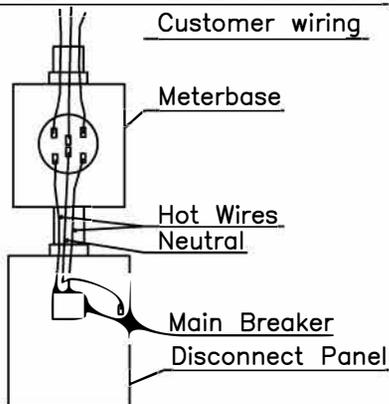
Camper plug

No. 6 copper ground wire

8' ground rod

METERBASE WITH BREAKER BOX

Customer wiring



Weatherhead, not more than 1' below top of pole.

15'

6' maximum  
4'6" minimum

5'

Suppliers for 20' pole:

Handyman Supply (864) 677-3537-Waterloo

Coleman Farm Supply (864) 475-2914- Hwy 101 Woodruff

#### TO BE FURNISHED AND INSTALLED BY CUSTOMER

1. Weatherproof breaker box. Governing county will specify service size – 100 AMP or 200 AMP.
2. Check with county before setting up pole.
3. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
4. Pipe straps to be attached with wood screws only.
5. Minimum 20' long and 6" diameter round treated pole.
6. Weatherhead is 1' from top of pole.
8. Number 6 copper ground wire attached to meter base and ground rod.
9. Minimum of 3' of service conductor exiting weatherhead.

#### \* NOTE:

1. **Pole location must be spotted by LEC personnel prior to installation.**
2. Pole height must be sufficient to provide NEC/NESC required clearance over driveways and roads.
3. Pole must be properly tamped and secure enough to support a ladder.  
**DO NOT USE CONCRETE.**
4. Check with local codes office as they may have further requirements.
5. Landscape timbers treated with less than 0.6 lbs./cu. ft. of preservative are NOT acceptable.

**General Overhead Service**

Revised:  
June 8, 2005

**Laurens Electric Cooperative**  
P.O. Box 700  
Laurens, SC 29360