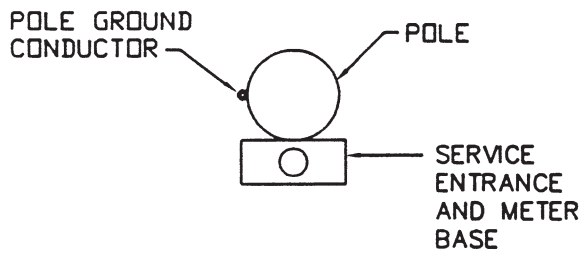


TEMPORARY METER POLE



SECTION A-A

PERMANENT METER POLE
SEE ATTACHED NOTES

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|-----------------------------|----------|---------------|----------|
| SEE NOTES | | SCALE: N.T.S. | |
| SLEMCO ELECTRICAL STANDARDS | | | |
| | ORIGINAL | REVISION | REVISION |
| DATE: | 10/01/99 | | |
| DRAWN BY: | L.A.M. | | |
| APPR. BY: | | | |

OVERHEAD METER POLE SPECIFICATION
Southwest Louisiana Electric Membership Corporation
Lafayette, Louisiana



SLEMCO
METER POLE SPECIFICATIONS
PERMANENT AND TEMPORARY
MAXIMUM – 200 AMP SERVICE

It shall be the customer's responsibility for compliance with the National Electrical Code and any Governing Authority for all equipment beyond the Point of Connection. The customer is advised to use the services of a qualified electrician to assure compliance with all codes and regulations.

A. DESCRIPTION:

PERMANENT – Mobile homes, camps, water wells, and any other connection not considered temporary.

TEMPORARY – Construction, special events, etc.

B. Meter poles are furnished and installed by customer. Specifications shown on the drawing and described here shall be considered minimum requirements.

C. PERMANENT meter poles must be 20' (feet) in length and be set 5' (feet) deep. A PERMANENT meter pole must be a treated round pole with a minimum top diameter of 5" (inches) OR a treated 6" x 6" (inch) pole.

It will be the responsibility of the customer to secure the pole in a vertical position. If the ground is not adequate to support the pole, a guy will have to be installed by the customer.

D. TEMPORARY meter poles must be 16' (feet) in length and be set 4' (feet) deep. A TEMPORARY meter pole must be a treated pole with a minimum size of 4" x 6" (inches). A temporary meter pole with a service length of 75' (feet) or greater must be braced as shown on the Temporary Meter Pole Drawing.

E. Service entrance conduit furnished and installed by customer. Service entrance conduit shall be Schedule 40 PVC or rigid conduit, no EMT, and shall be sized in accordance with the National Electrical Code or Governing Authority. A minimum of 3 conduit straps are required, with one (1) strap being no more than 12" (inches) from the weatherhead.

F. Service entrance conductors from the Point of Connection to meter base, to the main disconnect, furnished and installed by customer.

Service entrance conductors shall be copper only and sized according to load, as required by the National Electric Code or Governing Authority.

The **neutral** of the service entrance conductors can be two (2) **sizes smaller** than the other conductors and shall be identified with gray and white tape at the weatherhead and in the meter base. An extension of 18" (inches) of service conductor is required at the weatherhead.

- G Main disconnect, either a single main or a main in a distribution panel, furnished and installed by customer. Main disconnect shall be sized according to load, as required by the National Electrical Code or Governing Authority.

Main disconnects and any other electrical equipment that are exposed to the elements must be of a weatherproof and watertight design.

- H **Meter Base and K-10 service holder to be furnished and installed by customer. They must conform to SLEMCO standards and be compatible with SLEMCO metering.** The meter base shall be mounted between 5' and 6' (feet) above finished grade. The K-10C shall be mounted 6" (inches) from the top of the meter pole in the direction of SLEMCO's service cable. Predrilling a pilot hole for the K-10C is recommended.

- I A meter base ground shall extend from the neutral or grounding lug in the meter base to ground rod. The meter base ground shall be a minimum #6, soft drawn copper wire. The meter base ground wire must be connected in the ground wire lug, where provided, and not in the service neutral lug. The meter base ground wire must be stapled every six (6) inches.

- J The pole grounding conductor shall be a minimum #6, bare, soft drawn copper wire and extend from 6" (inches) above the top of the meter pole to the ground rod. It is installed 90 degrees around the pole to the ground rod. It is installed 90 degrees around the pole from the service entrance conduit (See Section A-A). The pole grounding conductor must be stapled, starting from the top of the pole at 2' (foot) intervals until a point 6' (feet) above the ground is reached, then stapled every 6" (inches).

- K Ground rods shall be 5/8" x 8" copperweld or 1/2" x 8' copper. PERMANENT meter pole ground rods shall be set 1" (inch) below finished grade.

TEMPORARY meter pole ground rods can be set 4" (inches) above finished grade.

- L ALL UNUSED OR OPEN HOLES IN THE METER BASE, MAIN DISCONNECT DISTRIBUTION PANEL SHALL BE PLUGGED WITH WATERTIGHT PLUGS.

- M INSPECTION: If a Governing Authority requires inspection, inspection tag must be in place and marked approved before SLEMCO will connect service.