

METERED PEDESTAL

A. Meter base (200 amp or 320 amp).

Purchase from Southwestern Electric Cooperative or use any Ameren approved meter base.

- B. Weatherproof disconnect sized by member. Must be mounted on panel and wired to bottom lugs in meter base by member.
- C. 4" x 4" post or 6" x 6" post for heavily loaded panel.
- D. Treated 2" x 12" lumber.

E. Conduit supplied and installed by Southwestern Electric when underground service is installed.

- F. Member's conduit sized and installed by member. Must include ground bushings to be bonded to ground, if rigid.
- G. Insulating Ground Bushing sized by member, if rigid.
- H. Member to install 1/2" conduit to protect ground wire.
- I. #6 Soft Drawn Copper ground wire.

- J. Member to install 5/8" x 8' ground rod.

- K. Member to install 5/8" ground rod clamp.

- L. Wires from bottom lugs of meter socket to disconnect (B) sized and installed by member. Indicated as orange. ■

The member's service entrance cable shall be sized according to all applicable local and National Electric Code minimum requirements. At the minimum, the member's cables connected between the bottom of the meter socket to the main service breaker shall be 3/0 AWG Copper 90°C/194°F rated insulation for 200-Amp breakers and 300 MCM Copper 90°C/194°F rated insulation for 320-Amp breakers.

M. Southwestern's underground service conductors.

