

200 AMP & 320 AMP LOAD CENTER UNDERGROUND SERVICE

1. 200 amp meter base: 14" x 30"

320 amp meter base: 21" x 44"

Purchase from Southwestern Electric

Cooperative or use any Ameren approved meter base.

2. 3/4" #12 screw.

3. 5/8" x 8' Ground Rod

*See installation notation below.

4. 5/8" Ground Rod Clamp.

5. #6 SDC Ground Wire

6. Member's underground to breaker panel.

7. Southwestern's underground service wire.

A. 2 1/2" or 3" Conduit installed by Southwestern Electric when underground service is installed

B. Member's entrance & conductors per applicable zoning requirements. 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.

C. Ground wire must be enclosed in 1/2" rigid conduit (PVC).

