

200 AMP & 320 AMP UNDERGROUND SERVICE

1. Meter base free from Southwestern Electric Cooperative.

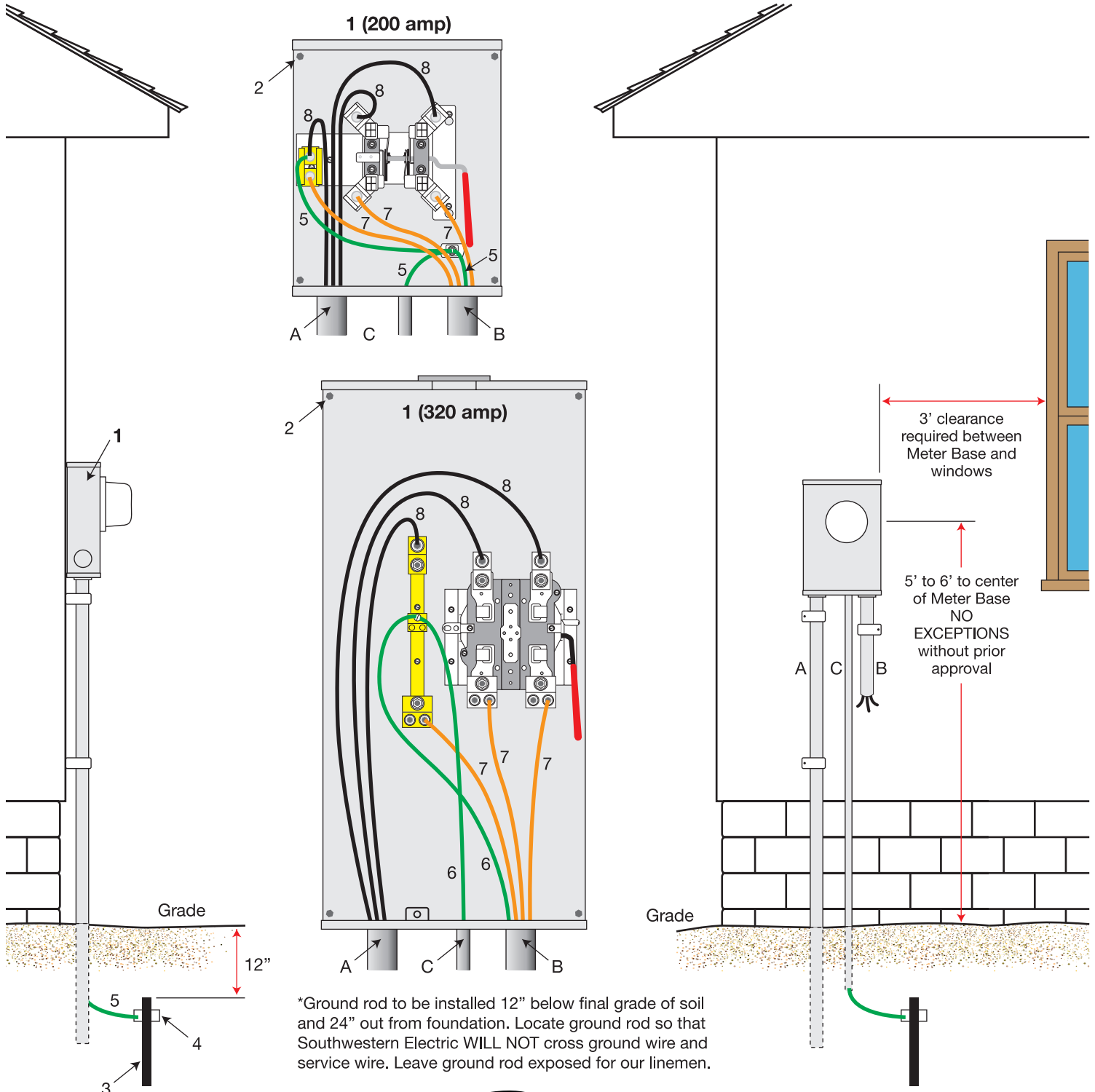
320 amp meter base: 18" x 39"
200 amp meter base: 13" x 19"

- 2. 3/4" #12 screw.
- 3. 5/8" x 8' CWC Ground Rod
- *See installation notation below.
- 4. 5/8" Ground Rod Clamp.

- 5. #4 SDC Ground Wire (200 amp).
- 6. #0 SDC Ground Wire (320 amp).
- 7. Member's underground to breaker panel.
- 8. 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).



*Ground rod to be installed 12" below final grade of soil and 24" out from foundation. Locate ground rod so that Southwestern Electric WILL NOT cross ground wire and service wire. Leave ground rod exposed for our linemen.

