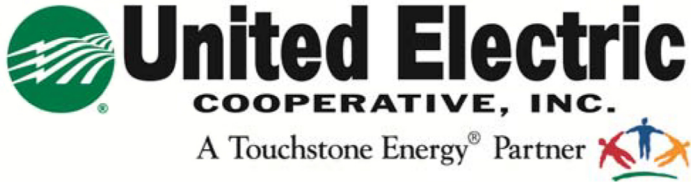
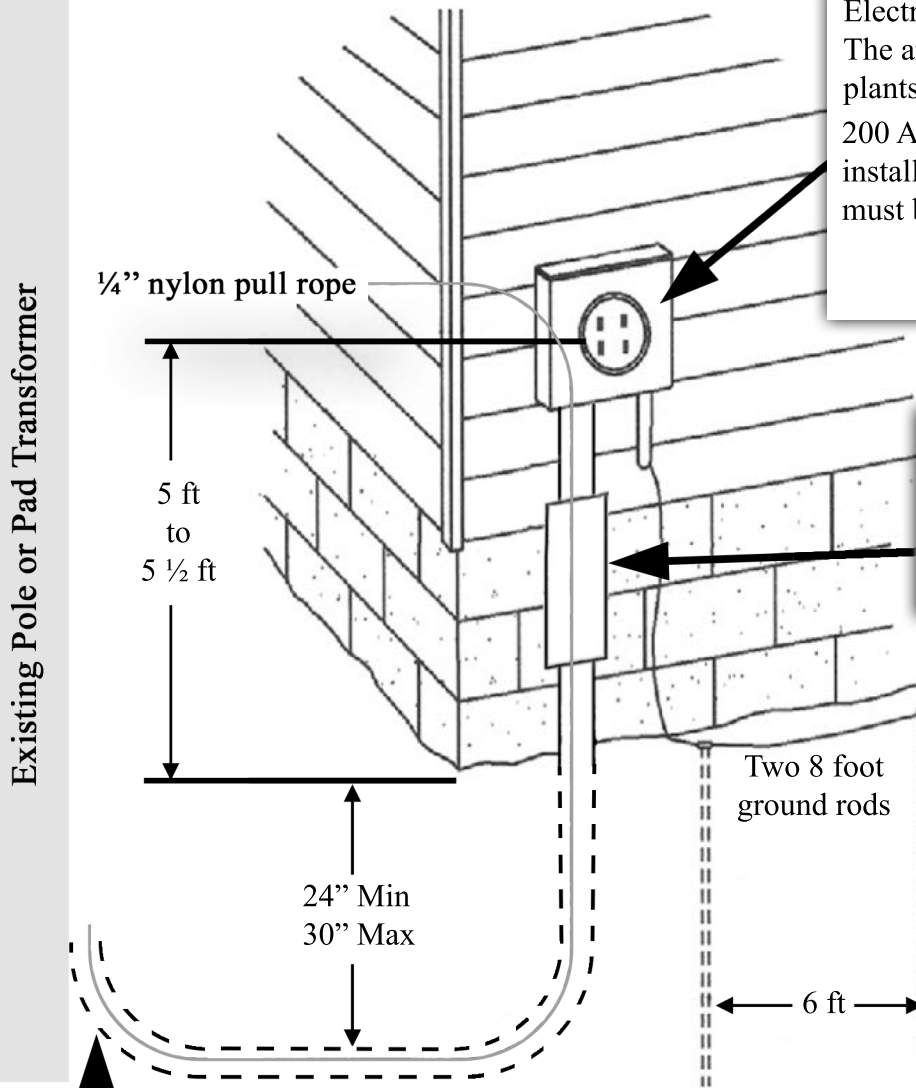


# Underground Service on a Permanent Building



Phone: 1-888-581-8969  
Address: P.O. Box 688  
Dubois, PA 15801



Electric Meters must be located in an accessible area. The area must be free of obstructions, i.e., trees, plants, fences.

200 Amp underground-type meter base furnished and installed by owner. Exact location of meterbase must be approved by the Cooperative.

**DO NOT USE CENTER BOTTOM KNOCKOUT**

Member must supply and install a 3-inch connector in meterbase and conduit (min. schedule 40) from meterbase to transformer location or pole. An expansion joint must be installed under meterbase to allow for settling.

**Grounding** - Install a continuous #4 copper grounding wire from 200 AMP disconnect panel to two approved ground clamp and rods 8 feet deep and 6 feet apart. You must also ground to any well casing or underground metallic water piping system (if available) to the same ground rods. Use a continuous #6 copper grounding wire for a 100 AMP service.

Ground rod should be driven flush with grade.

3" Schedule-40 conduit is to be provided and installed by the member from meter base to transformer location or pole on a route designated by the Cooperative with a minimum of turns.

- **Underground service wire is furnished by the Cooperative.**
- **Member must provide and install 3" conduit (with minimum 1/4" nylon pull rope). All 90 degree turns will have a minimum 36" radius.**

Second sweep installed tight against existing pole and extend a minimum of 12" above final ground level. If the pole has not been set, do not install second sweep and last section of conduit. UEC will install after pole has been set.

# Meter Base Specifications

**United Electric Cooperative, Inc. – 1-888-581-8969**

Meter base must be furnished and installed by the owner or electrical contractor. This equipment is the property of the member and the member is responsible for this equipment.

Meter base for aerial or underground services can be purchased from local electric distributors or dealers. They will not be provided by the Cooperative.

Meter base must meet the following specifications:

1. Pressure plates for connections
2. 4 jaws
3. Ringless
4. Standard Knockouts
5. Steel case
6. Horn Type bypass
7. Unused hub opening and open knockouts shall have tamperproof closing plates installed.
8. Multiple position bases shall have individual sealable cover for each position. Extra position wiring space (if provided) shall be located on or near center and shall have an individual sealable cover.

\* The electrical service must pass inspection by an approved electrical inspection agency before it will be energized. \*