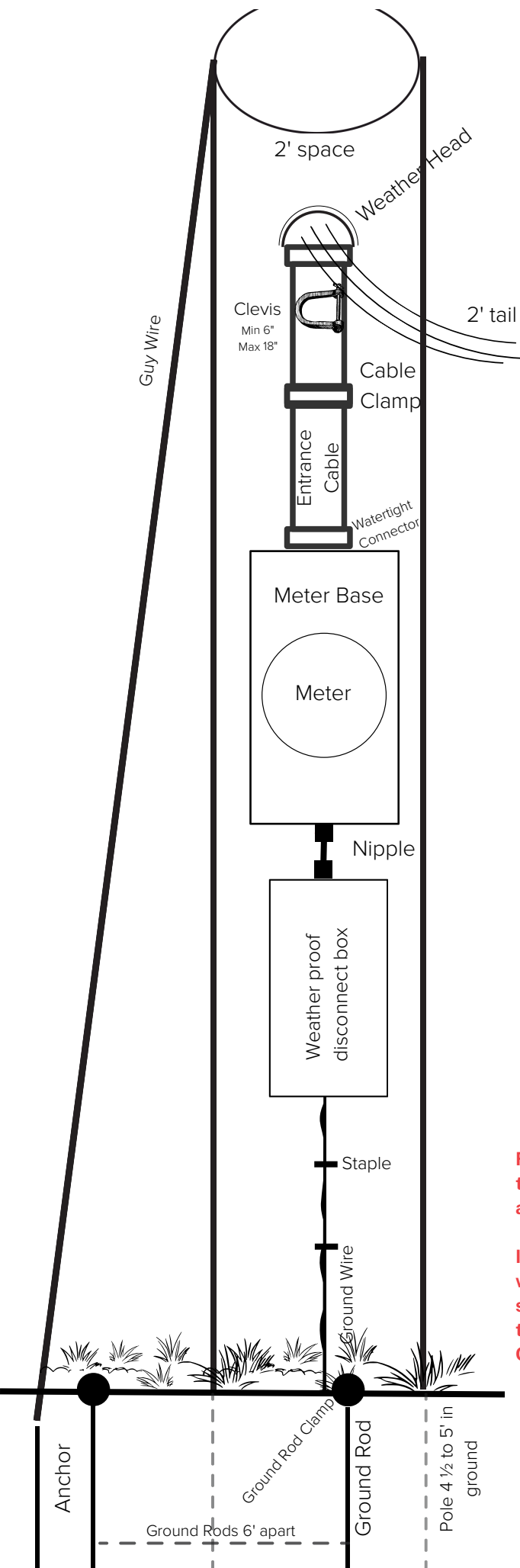


Meter Pole Installation



1. The pole must be new and at least 25 ft. round or 6x6x24ft. square treated timber. It must be set at a minimum of 4 ½ or a maximum of 5 ft. in the ground. Backfill & tamp securely.
2. All vertical line clearances must be 16.5' for residential driveways; 20' for roads, streets, parking lots, and other areas subject to truck traffic; and 12.5' over spaces subject to pedestrian traffic.
3. Weatherhead must be mounted 2 ft. from the top of the pole & securely fastened. The entrance cable must stick through the weather head 2ft.
4. Entrance cable must be #4, 3-wire copper or #2, 3-wire aluminum for a 100-amp service, and #2/0 copper or #4/0 aluminum for a 200-amp service, and must be securely fastened to the pole with cable clamps 2 ft apart. Neutral must be marked.
5. If rigid conduit is used, it must be 2". Wire must be the same as above, but shall be single-run wire, not entrance cable.
6. Use a watertight connector according to the cable size at the top of the meter base.
7. Meter bases are available for purchase at the cooperative office. The meter will be installed by Adams Rural Electric when service is connected.
8. An appropriately sized pipe nipple with 2 locknuts will be placed through the bottom of the meter base to the top of the disconnect.
9. The meter base and disconnect must be mounted on a 2" x 12"x 36" treated board, and securely fastened to the pole at 5' from the center of the meter to the finished ground line.
10. A 100-amp weatherproof disconnect (for a 100-amp service) or a 200-amp weatherproof disconnect (for a 200-amp service) will be mounted to the meter base. All meter bases must have a readily accessible disconnect switch per the NEC (National Electric Code) 230.70(A)(1).
11. Service wire from the disconnect box to the ground should be in 2" conduit.
12. Ground wire is #6 bare copper (100 amp) and #4 bare copper (200 amp) and will be connected to the disconnect and run down the pole to the finished ground line, fastened to the pole with staples 2' apart.
13. A ground rod clamp will attach the ground wire to the ground rod.
14. Ground rod will be 8'x5/8" copper or 8' x3/4" galvanized and must be driven the full length into the ground. All new services must have two ground rods 6' apart.
15. Guy wire & anchor will be installed by the member.
16. Installation must be completed by the member before inspection.

Employees must often climb poles after dark or in adverse weather conditions; we require NEW POLES to be installed with all new services.

For all new electrical service installations, a certified electrician must inspect the installation and sign off, verifying that the service has been installed in accordance with applicable codes and specifications.

If the member chooses not to obtain an electrician's inspection, the member may waive the inspection requirement by signing a Waiver of Inspection Form. By signing the waiver, the member acknowledges and accepts full responsibility for the installation, condition, and safety of the electrical service and releases the Cooperative from any liability related to the installation.



**ADAMS RURAL ELECTRIC
COOPERATIVE, INC.**

Your Touchstone Energy® Cooperative 

PO BOX 247, WEST UNION, OHIO 45693
937-544-2305 www.adamsrec.com