

Navarro County Electric Cooperative, Inc.

P.O. Box 616 - 3800 W. Hwy 22 - Corsicana, TX 75110 -Tele: 903-874-7411 Fax: 903-874-8422

**SERVICE POLE FOR PERMANENT UNDERGROUND INSTALLATIONS
FOR MOBILE HOMES, BOAT DOCKS, BARNs, SHOPS AND OTHER MISCELLANEOUS SERVICES
FURTHER THAN 3 FEET AWAY FROM TRANSFORMER**

200 Amp Service - 2 inch conduit and fittings

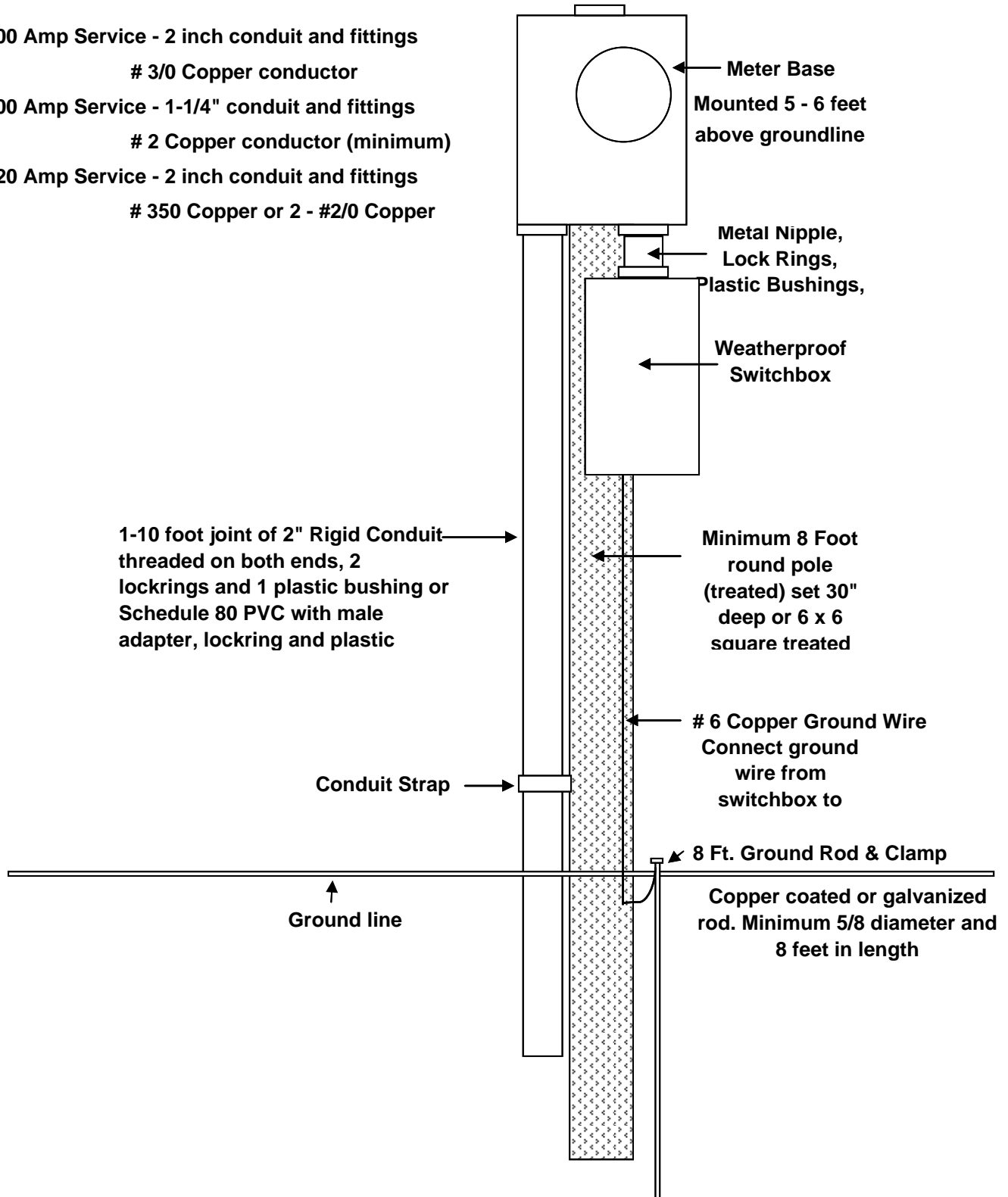
3/0 Copper conductor

100 Amp Service - 1-1/4" conduit and fittings

2 Copper conductor (minimum)

320 Amp Service - 2 inch conduit and fittings

350 Copper or 2 - #2/0 Copper



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MINIMUM SPECIFICATIONS FOR POLE MOUNTED PERMANENT UNDERGROUND INSTALLATIONS

1. A round treated (CC-8, Penta, Creosote) pole at least 8 feet in length and 6 inches in diameter or a 6 x 6 square treated pole.
2. Pole to be set 30' inches deep in ground.
3. All disconnects, boxes, plugs, etc. must be weatherproof type.
4. Breakers and fuses will be the correct size according to the size of the conductor used, per the National Electric Code.
5. Customer will install conduit, wire and fittings on meter loop.
6. Meter base must be 5 to 6 feet above ground level.
7. Ground rod must be copper coated or galvanized, at least 8 feet in length 5/8 inch in diameter and connected with an approved clamp to a minimum of #6 bare copper ground wire, which is connected to the consumer switchbox.
8. Permanent service meter bases will be furnished by the Co-op and may be picked up by the customer during regular office hours, Mon.-Fri. 8:00 AM to 5:00 PM.
9. All wiring on the meter pole is the responsibility of the customer, both from the standpoint of installation and maintenance.
10. Co-op personnel are not allowed to work on the customer's meter pole or wiring. Any unsafe wiring that is found will not be connected until it has been corrected by the customer.
11. See other side of this document for an example of a typical meter pole for permanent underground installations on a pole.