

NORTHWESTERN REC UNDERGROUND SPECIFICATIONS

The following are the requirements for underground service installations for Northwestern Rural Electric Cooperative, Inc. It is imperative that these instructions be followed as failure to meet the requirements and specifications may result in added cost or delay of service installation.

1. The electrical service must be inspected by a certified, licensed electrical inspector prior to service connection. Northwestern REC reserves the right to not connect a service it deems unsafe.
2. Northwestern REC's underground cable is **direct bury cable**. **Secondary cable ditch is to be exactly 24" deep**. **Primary cable ditch is to be exactly 36" deep**. It is critical that these ditch requirements are met for safety and serviceability of your electric service. Failure to meet these specifications may result in added cost or delay service installation.
3. If the member chooses to install a conduit system, then **3" conduit or larger** with a pull-line is required.
 - a. Any conduit system requires the use of **long-sweep 90's**.
 - b. Weatherhead is the member's responsibility and its to be provided for installation by the Co-op.
 - c. Conduit system must be installed at minimum 5' short of the new pole location to allow the Co-op to properly set the pole. The contractor or member must be present to finish the installation of conduit on the same day the Co-op is on site to set the pole.
4. The Cooperative provides and installs the meter (not the socket) and the service lateral conductors.
5. The ditch(es) must be open and ready when the cooperative arrives to install service. It is the responsibility of the member or contractor to back fill the ditch after the service conductors have been installed. Failure to back fill the ditch will result in a delay of service installation. **The service CAN NOT be energized with an open ditch.**
6. If a primary underground system is to be installed, it is the responsibility of the member or contractor to dig the vault location for the transformer, as determined by the cooperative. **The vault location is to be 5' wide by 5' long and 12" deep.**

Received by: _____

Date: _____

NWREC: _____

Date: _____