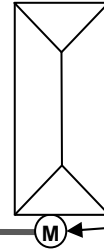


Underground Service Conduit System

For services rated up to A.
 5RPPBWBREBs than 200' from meter to source with no more than 3 elbows, including risers.

Cooperative Power Source
 Pad-mounted transformer, secondary pedestal, or pole.
 See drawings below.

Pull box may be required.

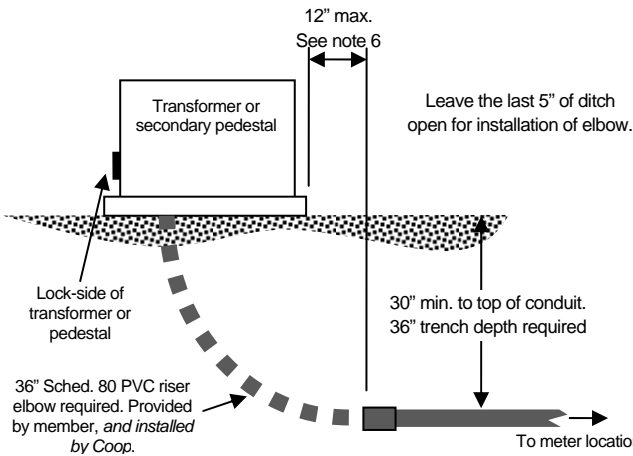


Meter Location.
 See note 5.

Important: The member's service conduit system shall be located completely within the member's property boundary, and cannot cross any public roadway.

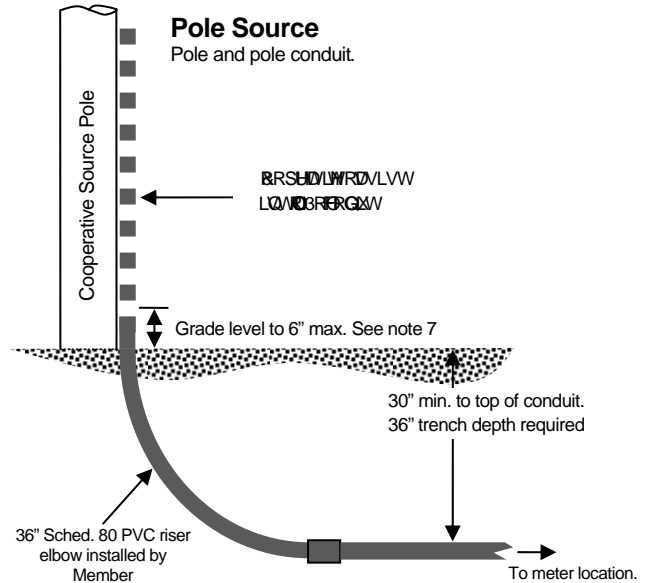
Transformer or Secondary Pedestal Source

Transformer or secondary pedestal installed by Cooperative.



Pole Source

Pole and pole conduit.



Notes:

This drawing illustrates requirements only, and is not intended to be a comprehensive guide for the installation of an electrical service. To insure a safe, quality installation that complies with the National Electrical Code and local code requirements, the Cooperative recommends that all electrical work be done by a qualified, licensed electrical contractor. The member shall provide and install all secondary conduit; See table below for conduit diameter. Consult Cooperative for service above A. Service conductor is WRE provided and installed by WKPHEU for services rated up to A. Underground conduit shall be electrical grade Schedule 40 or Schedule 80 PVC. All elbows must be min. 36" Schedule 80 PVC. All joints and connections shall be cleaned and securely joined using an approved solvent. WHPFVLRQ/WREBWBPLGEWREHQPXBLEGEORGHKUPVROQWDLROFHELVUMSRQLEBRUD VHRQDFEBRPWWUWRUPHFRGWLRLQWRZGEGHQBQBLQWDLRQ Meter riser conduit shall be Schedule 80 PVC. Riser conduit shall flush with wall, and not contain any elbows around footings. If necessary, the PVC shall be heated and bent to produce an offset with each bend having a radius of at least 36". Transformer or pedestal source - member shall install conduit system to within 12" of the transformer pad or secondary pedestal. End of conduit shall be sealed and location marked. Cooperative will install conduit riser elbow into the transformer or pedestal enclosure. Pole source - member shall install conduit system so that riser elbow is against the base of the source pole and at grade level or not more than 6" above grade. End of conduit shall be sealed to prevent entry of dirt or other material. Services rated above A may require more than one riser conduit and will require stand-off type brackets; in this case the riser elbows must be installed " from the base of the pole. Underground service conduit shall be separated from telephone or cable TV by not less than 12" of well tamped earth.

CALL 48 HOURS BEFORE YOU DIG – Dial 811
 It shall be the member's responsibility to stay clear of all underground facilities.

Service Rating	Minimum Conduit Size	
	Single Phase	Three Phase
100A	2"	3"
200A	2"	3"
\$	3"	4"
Above A – Consult NEC		

Underground Service Conduit System Specifications

Services Rated up to **A**

DRAWING 8.6-1

June 2017

NOT TO SCALE



Cooperative