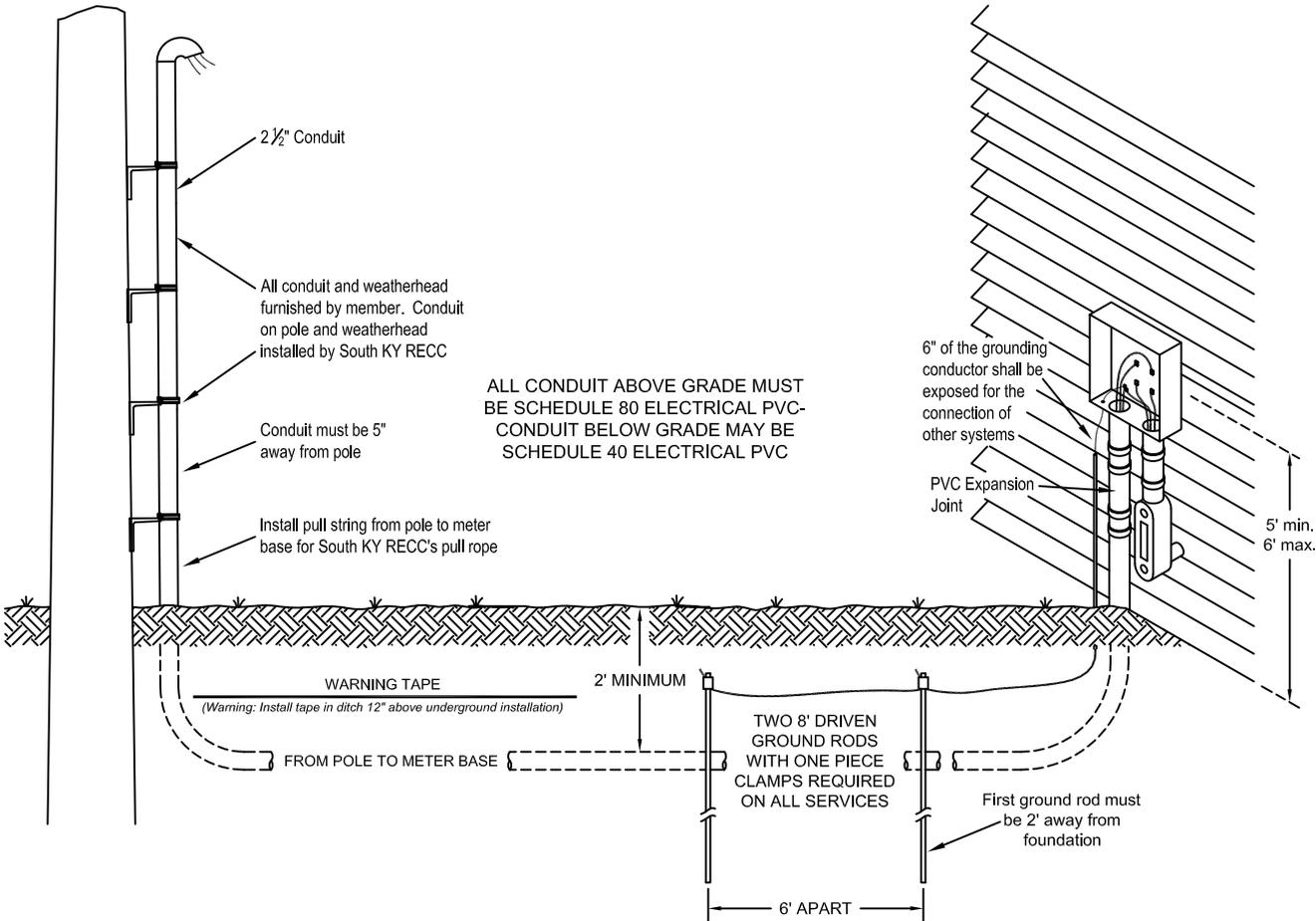


South Kentucky RECC UNDERGROUND SERVICE Policy and Specifications



UNDERGROUND POLICY

Underground electric service **will** be provided to residential members if the load's main entrance is 150 amperes or greater and the member is willing to abide by all the listed specifications for installation.

South KY RECC **will** furnish and install the proper size wire in conduit provided by the member according to specifications.

Underground electric service **will** not be provided where overhead service is existing except at the member's expense, nor **will** overhead be provided where underground is existing except at the member's expense.

If underground electric service is desired, the member shall notify South KY RECC at the time temporary power is requested, or bear the cost if change is made.

SPECIFICATIONS FOR UNDERGROUND ELECTRIC SERVICE

1. The meter base must be approved for underground service. No bolt-in type meter bases can be used.
2. The distance from the base of the transformer pole to the meter base shall not exceed 200 feet.
3. The ditch shall be a minimum of 24" below finished ground level, and warning tape in the ditch will be placed 12" above the underground installation. A Cooperative employee must inspect all ditches.
4. The member, developer, or electrical contractor shall dig, prepare, and fill the trench for the underground service.
5. The member, developer, or electrical contractor shall furnish and install all pipe, fittings, and nylon pull rope sufficient to pull our rope through the conduit for the underground service (rope to be installed after the pipe is glued so that the nylon rope is free to pull).
6. Conduit shall be installed with no more than two 90° conduit elbows and one 45° elbow or one sweeping 90° elbow. If more bends are needed, special approval must be granted by South Kentucky RECC. Do not use the center bottom knockout on the meter base. If the conduit has been installed in a manner so that the wire cannot be pulled, it will be the responsibility of the member to reinstall the conduit at their expense. Care must be taken when the ditch is backfilled to prevent rocks and other potentially damaging elements from being in contact with the conduit.
7. The conduit shall be installed in the ditch and one 90° sweep elbow turned up in such a way so that there is a distance of 5" between the back of the pipe and the face of the pole. The pipe shall then be capped so that water, dirt, etc., cannot enter the pipe. Do not install the pipe on the pole. Leave two 10' lengths of conduit and a weatherhead at the pole for South Kentucky RECC personnel to install on the pole.
8. All 150-200 amp underground services require 2 ½" PVC electrical conduit. Schedule 80 is required for all conduit above grade and schedule 40 is allowed below grade. No plumbing pipe or fittings can be used. For 150-200 amp services, a single run of the specified conduit is needed. For 400 amp services, one run of 3" PVC conduit is required (schedule 80 required for the above grade portions and schedule 40 required below grade).

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