



200 Electric Avenue Somerset, Ky 42501

P (606)-678-4121

### New Mobile Home Electrical Service Steps for Members

**Step 1:** Contact Lake Cumberland Health Department to obtain correct septic permit releases. Visit <https://www.lcdhd.org> for details.

**Step 2:** Contact South Kentucky Rural Electric Cooperative (SKRECC) at 1-606-678-4121 to apply for new service.

- SKRECC Engineering Department will set up a time to review the new site to determine if any line extension or pole charges apply.
- SKRECC will allow up to 1000ft for traditionally constructed homes on a permanent foundation including double-wide mobile homes at no line extension cost to the member.
- SKRECC will allow up to 300ft to single-wide mobile homes. Subject to the Notes below:
  - Overhead Line Charges beyond what SKRECC allows will be \$5.50/ft.
  - Underground line charges beyond what SKRECC allows will be \$4.75/ft.

*Note 1:* Member will be responsible for all costs associated with conduit and construction of the ditch to meet SKRECC specifications in all underground installations.

*Note 2:* All line extension fees and pole fees if applicable must be paid to SKRECC prior to commencement of activities to provide electrical service.

*Note 3:* SKRECC does not allow temporary power poles for mobile home sites.

**Step 3:** Determine with a SKRECC staking engineer if the home will be served from a meter pole or meter pedestal. SKRECC does not allow for meter bases to be mounted directly to mobile homes. Subject to the Note below:

- Meter pole or pedestal installation should follow the SKRECC specifications provided in this document.

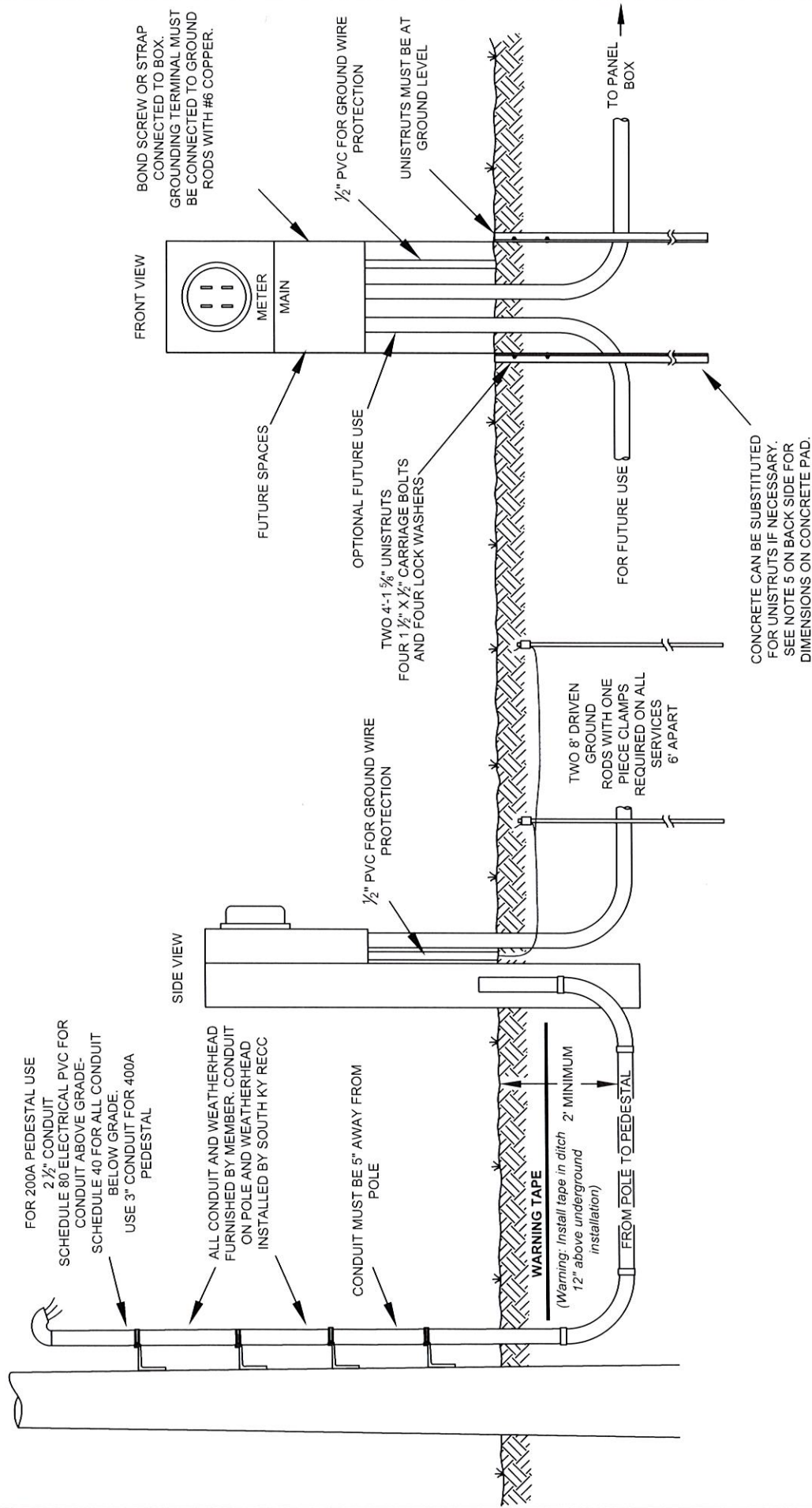
*Note 4:* All material for both types of installation and construction is the member's responsibility. SKRECC will set the utility pole for the member to attach the meter base to and make connections at the top of the pole. SKRECC will install three sticks of 2-½" schedule 80 conduit and weather head provided by the member at the utility pole for pedestal installations, pull wire not exceeding 200ft from the utility pole to the pedestal and make connections.

**Step 4:** Once installation is complete, the member will be responsible for contacting a local licensed electrical inspector for inspection. Subject to the Notes below, before SKRECC can turn on the service, the certificate of compliance paperwork from the licensed electrical inspector must be brought to your local SKRECC office.

*Note 5:* For meter pedestal services, SKRECC staking department must be contacted to inspect the ditch from the meter pedestal to the service pole before back filling, in addition to having the electrical inspector inspect the service. Please follow the specifications included in this procedure for whichever service type applies to your application.

*Note 6:* Before calling for an electrical inspection, ensure the release for permanent power sticker provided by Lake Cumberland Health Department is in the panel.

# Must have permanent health dept sticker and passed electrical inspection



|   |  |  |      |            |        |       |     |   |
|---|--|--|------|------------|--------|-------|-----|---|
|  SOUTH KENTUCKY RECC<br>SOMERSET, KENTUCKY | <b>UNDERGROUND PEDESTAL SERVICE<br/>         POLICY &amp; SPECIFICATIONS</b> |  | DATE | 03/12/2024 | DWG NO | MUS-1 | REV | 4 |
|   |  |  |      |            |        |       |     |   |

## SPECIFICATIONS FOR ELECTRIC SERVICE TO A PEDESTAL

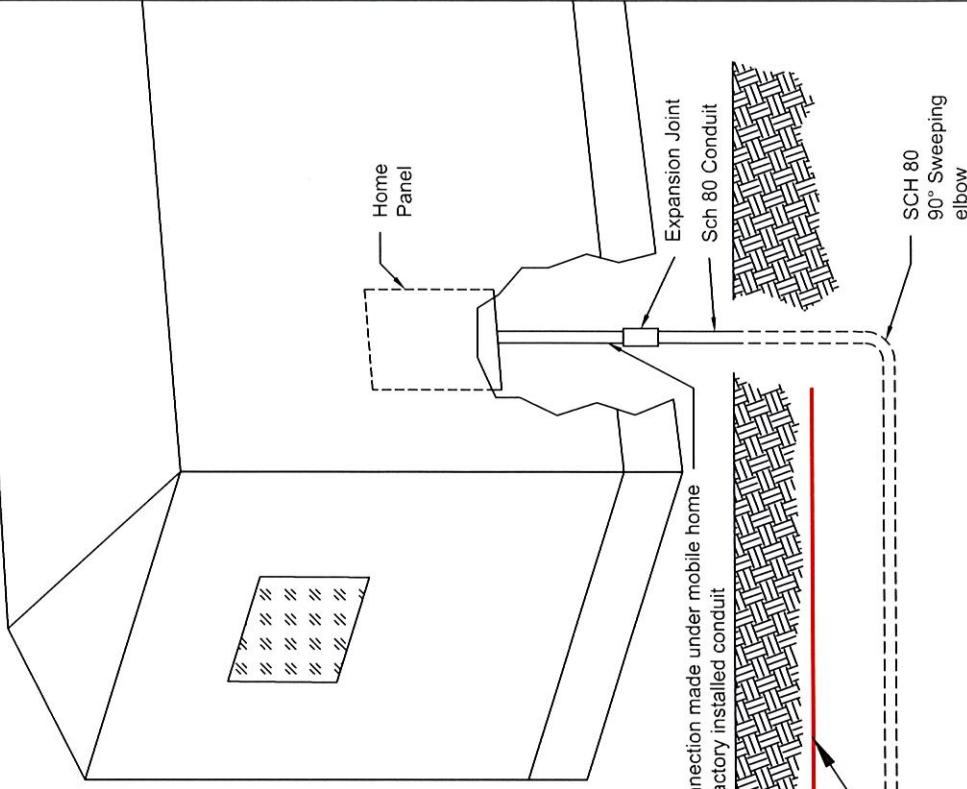
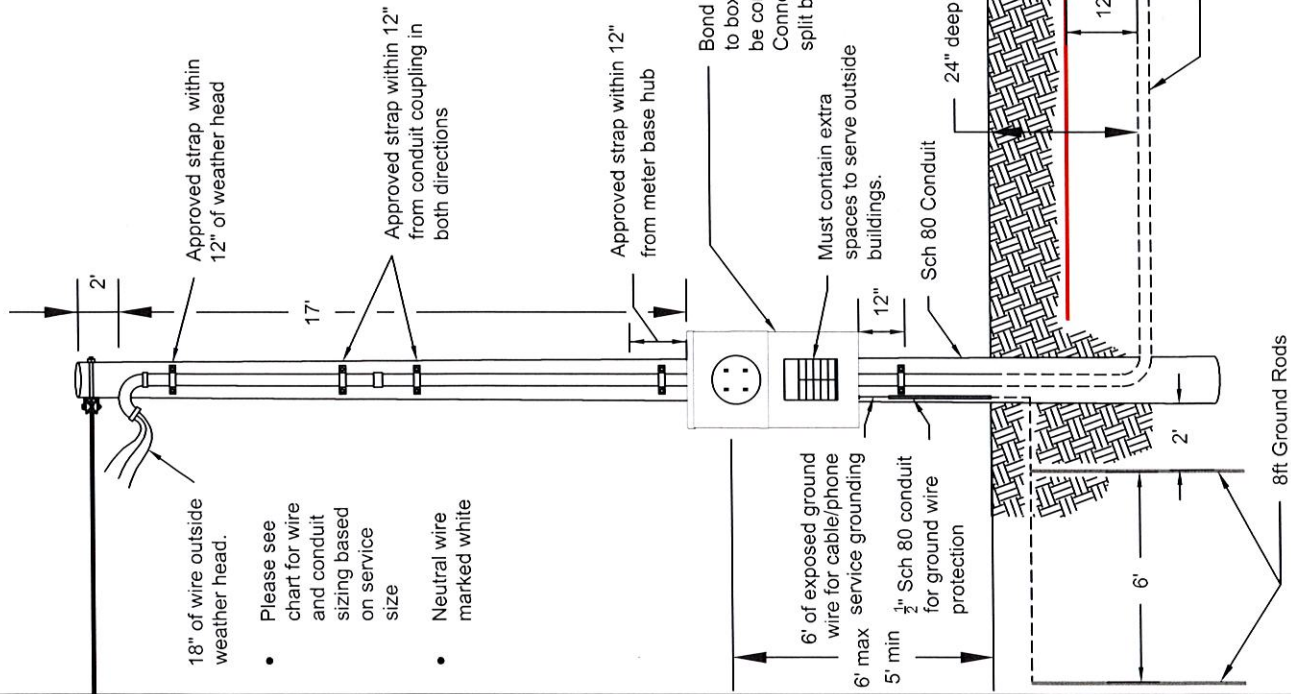
1. Any pedestal used must have minimum rating of 200 amperes. It must also have spare breaker spaces for accessory use.
2. The pedestal service equipment must be:
  - a) Readily accessible.
  - b) Within sight of structure.
  - c) Located within 30-feet of the exterior of the structure, but not closer than 6-feet.
3. All pedestals must be post type (metal cabinet) rigidly supported using uni-struts or concrete.
4. Pedestals supported by uni-struts require two 4-foot x 1 5/8-inch uni-struts at finish grade level.
5. Pedestals supported by concrete must have 6-8 inches around the pedestal and at least 1-foot thick. Conduit must be stubbed out beyond the concrete (suggest spare conduit for future use).
6. There must be two 8-foot ground rods driven at the pedestal. Rods must be a minimum of 6 feet apart connected together with a continuous run of bare #6 copper wire back to the grounding lug located in the pedestal. If a 400A pedestal is installed, use bare #4 copper wire.
7. All maintenance and repair for the pedestal is the responsibility of the member.
8. The ditch shall be a minimum of 24-inches below finished ground level, and warning tape in the ditch must be placed 12-inches above the underground installation. An SKRECC staking engineer must inspect all ditches.
9. The member, developer, or electrical contractor shall dig, prepare, and fill the trench for the underground service.
10. The member, developer, or electrical contractor shall furnish and install all pipe, fittings (including weather-head), and a 1/4-inch 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).
11. Conduit shall be installed with no more than two 90-degree conduit elbows. These elbows shall be 18-inch schedule 80 PVC. If more bends are needed, special approval must be granted by South Kentucky RECC. 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.
12. The conduit shall be installed in the ditch and one 90-degree sweep elbow turned up in such a way so that there is a distance of 5-inches 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 three 10-foot lengths of Sch. 80 conduit and a weather-head at the pole for South Kentucky RECC personnel to install on the pole.
13. All 200 amp underground services require one run of 2 1/2-inch PVC electrical conduit. All 400A services require one run of 3-inch 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.
14. See specification drawing *MUS-1* for additional installation details.



NOTE: Must have permanent power release from health department and passed electrical inspection before turning on.

SKRECC will set the meter pole for member to attach meter base and riser. Member is responsible for all material and construction to meet SKRECC and NEC specs.

SKRECC will make connections above weather head, and install meter in meter base.



## 100- & 200-AMP Meter Pole Services

### Service Size Table

| Ampacity | Service Conductor Size Copper | Conduit Size | Service Conductor Size Aluminum | Conduit Size | Ground Wire Size |
|----------|-------------------------------|--------------|---------------------------------|--------------|------------------|
| 100 amp  | No 4 USE, US, URD             | 1 ¼"         | No. 2 USE, UF, URD              | 1 ¼"         | No. 6            |
| 200 amp  | No. 2/0 USE, UF, URD          | 1 ½"         | No. 4/0 USE, UF, URD            | 2"           | No. 6            |

1. The member is responsible for all costs associated with the construction and material for the meter base and service mask.
2. SKRECC will make connections to members wire outside the weather head and install a SKRECC meter in the meter base.
3. Types USE, UF, and URD cables are approved for direct burial in the earth.
4. Cables must be continuous from the meter pole to the mobile home, barn, garage etc. (No Splices).
5. Conduit riser, meter base, and disconnect panel must be securely fastened to the meter pole by approved straps and screws.
6. The meter base must be located at a maximum of 6 feet above finished grade and a minimum of 5 feet above finished grade.
7. Use rigid metal conduit or schedule 80 conduit for all above ground raceways.
8. Water pipe (PVC) cannot be used as a raceway.
9. Four insulated direct burial cables, sized in accordance with the chart above, must extend continuous (without splice) from the disconnect panel on the meter pole to the mobile, barn, garage etc.
10. Two 8-foot ground rods placed 2 feet from the pole and 6 feet apart must be installed. If a new pole has been installed, you will only need to drive one additional ground rod 6 feet from the pole. The ground rod must be connected by a continuous run of bare #6 copper wire from the ground rod to the meter base grounding lug and bonded with a split bolt connector to the pole ground. The ground wire must be protected above grade with ½ inch schedule 80 conduit with 6 inches of wire exposed before going into the disconnect box equipped with a utility grounding block to allow for other utility grounding.
11. The ditch from the pole to the structure must be 24 inches deep with red danger tape placed 12 inches above the wire in the ditch.
12. The meter service must be readily accessible, within site of the structure, no more than 30 feet away and no closer than 6 feet to the structure being served.
13. The meter pole service must have space for additional breakers for accessory buildings.
14. Service wires for overhead shall be marked sunlight resistant and the neutral wire marked white.
15. See specification drawing MPS-1 for additional installation details.

Note: Must have permanent health department release sticker and passed electrical inspection from a licensed electrical inspector prior to turn on.



SUBJECT: Electrical Inspectors Listing

Adair County: This is an open county any electrical inspector can perform inspections in this county. The most prominent inspectors for this county are:

1. Chris Bennett (270-378-1036)
2. Pat Williams (270-699-6838)

Casey County: This is an open county any electrical inspector can perform inspections in this county. The most prominent inspectors for this county are:

1. Mike Adams (270-343-4505)
2. Ron Ebling (606-872-2621)
3. Chris Bennett (270-378-1036)
4. Pat Williams (270-699-6838)

Clinton County This county is closed to:

1. Jackie Spears (606-688-0152)

Cumberland County This county is closed to Tri-County Electric Cooperative (270-864-3871); however, county officials have stated that Ricky Sheffield (270-427-8373) can inspect within the SKRECC service territory in Cumberland County.

Laurel County This is an open county any electrical inspector can perform inspections in this county. The most prominent inspectors for this county are:

1. Todd Cobb (606-682-1857)

Lincoln County This county is closed to:

1. Mike Leger (859-893-4367)

McCreary County This county is closed to:

1. Ron Ebling (606-872-2621)
2. Larry Strunk (606-310-1300)

Pulaski County      This county is closed to:

1. Ron Ebling (606-872-2621)
2. Brett Williams (606-493-6515)
3. Larry Strunk (606-310-1300)

Rockcastle County      This is an open county any electrical inspector can perform inspections in this county. The most prominent inspector for this county is:

1. Dale Fortney (859-623-0516)
2. Wendell Fortney (606-493-9157)
3. Todd Cobb (606-682-1857)
4. Brett Williams (606-493-6515)
5. Donald Hacker (606-599-2138)

Russell County      This is an open county any electrical inspector can perform inspections in this county. The most prominent inspectors for this county are:

1. Mike Adams (270-858-9102)
2. Ron Ebling (606-872-2621)
3. Chris Bennett (270-378-1036)
4. Pat Williams (270-699-6838)
5. Jackie Spears (606-688-0152)
6. Coy Neat (270-849-5910)

Wayne County      This county is closed to:

1. Jackie Spears (606-688-0152)

If a member has concerns about an electrical inspection that has been performed for them we can refer the member to the State Electrical Inspector.

State Inspector      1. Mike Shannon (270-321-2787)

Tennessee has assigned inspectors for each county they are:

Pickett County Tennessee -- Doug Manis (931-397-7441)

Scott County Tennessee -- David Manis (865-256-4809)



The State of Tennessee has authorized the issuing of permits by local businesses in each county. South Kentucky RECC members needing an electrical inspection in Pickett County Tennessee can obtain their electrical inspection permit at:

Pickett Builders Supply  
1113 Olympus Drive  
Byrdstown, Tennessee 38549  
Phone # 931-864-3156

South Kentucky members in Scott County Tenn. can obtain their electrical inspection permit at:

Plateau Electric Cooperative  
1600 Scott Highway  
Oneida, Tennessee 37841  
Phone # 423-569-8591

Health Department Release Sticker Examples

PHPS-002 (5-98)

NOTICE OF  
RELEASE FOR PERMANENT  
ELECTRICAL SERVICE

Release / Application No. \_\_\_\_\_

Applicant Name \_\_\_\_\_

Applicant Phone # \_\_\_\_\_

Location \_\_\_\_\_

Health Department Signature \_\_\_\_\_

This release is *NOT* approval of the septic system. Place this on the electric meter base or electrical service panel. If you have questions about this release call your local health department at \_\_\_\_\_.

PHPS-001 (5-98)

NOTICE OF  
RELEASE FOR TEMPORARY  
ELECTRICAL SERVICE

Release / Application No. \_\_\_\_\_

Applicant Name \_\_\_\_\_

Applicant Phone # \_\_\_\_\_

Location \_\_\_\_\_

Health Department Signature \_\_\_\_\_

This release is *NOT* approval of the septic system or proposed site. Place this on the electric meter base or electrical service panel. If you have questions about this release call your local health department at \_\_\_\_\_.

## Electrical Inspection Sticker Color Guideline

### Rough In Inspection

Completed when home is initially wired, and walls are still exposed.

### Service Only Inspection

“Good for 60 days”

SKRECC requires interior walls covered and the panel box made up prior to pulling permanent power to a residence.

### Final Inspection

“Released for Occupancy”

# SKRECC STAKING ENGINEERS TERRITORY

