



200 Electric Avenue Somerset, Ky 42501

P (606)-678-4121

New Non-Traditional Built Home Electrical Service Steps for Members

Non-Traditional built homes are defined as any structure that is site delivered (other than a mobile home), by vehicle and placed on a non-permanent foundation with the intent to be occupied as a dwelling. A non-permanent foundation is defined as any foundation that was not constructed around the perimeter of the building, then the building erected off the top of the foundation, making the structure immobile. Examples of permanent foundations include poured concrete walls, cinder block walls and poured concrete slabs.

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 non-traditional built 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 services for non-traditional homes.

Step 3: Determine with an 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 non-traditional homes. Subject to the Notes 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. Increase conduit size to 3" for 400 AMP services.

Step 4: Once installation is complete, the member will be responsible for contacting a local licensed electrician or pull a homeowners permit to wire the home. Once the home is wired, contact a local licensed electrical inspector to perform a rough-in inspection on the home.

Note 5: A rough-in inspection is not when SKRECC will pull wire to the home, this is achieved after a yellow sticker "Service Inspection", performed after the interior walls are covered, panel box is wired and service meter base is installed.

Step 5: Contact your local licensed electrical inspector to set up a service inspection "Yellow Sticker." When you are ready and the criteria mentioned in note 5 has been met. The service sticker is good for 60 days and should be used to prepare for the final inspection.

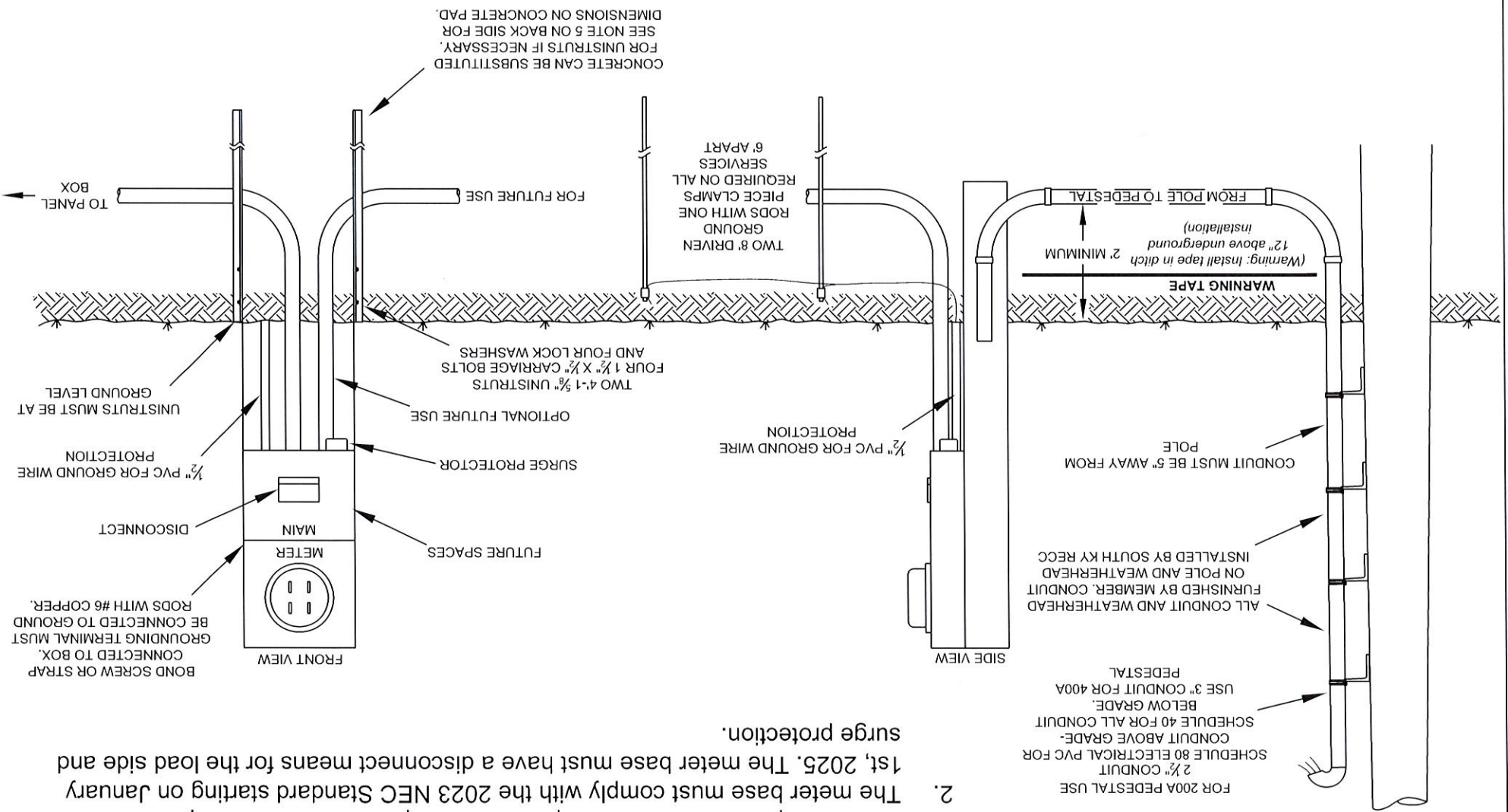
Note 6: Release for permanent power sticker from Lake Cumberland Health Department needs to be in panel prior to the service inspection "Yellow Sticker".

Note 7: If the home is being served from a meter pedestal, SKRECC engineering team must inspect the ditch from the pole to the pedestal before backfilling it.

Step 6: Bring passed yellow sticker paperwork to your local SKRECC office and apply for permanent service.

- SKRECC will send a staking engineer to draw appropriate specifications for the job.
- SKRECC will send a construction team to build the job.

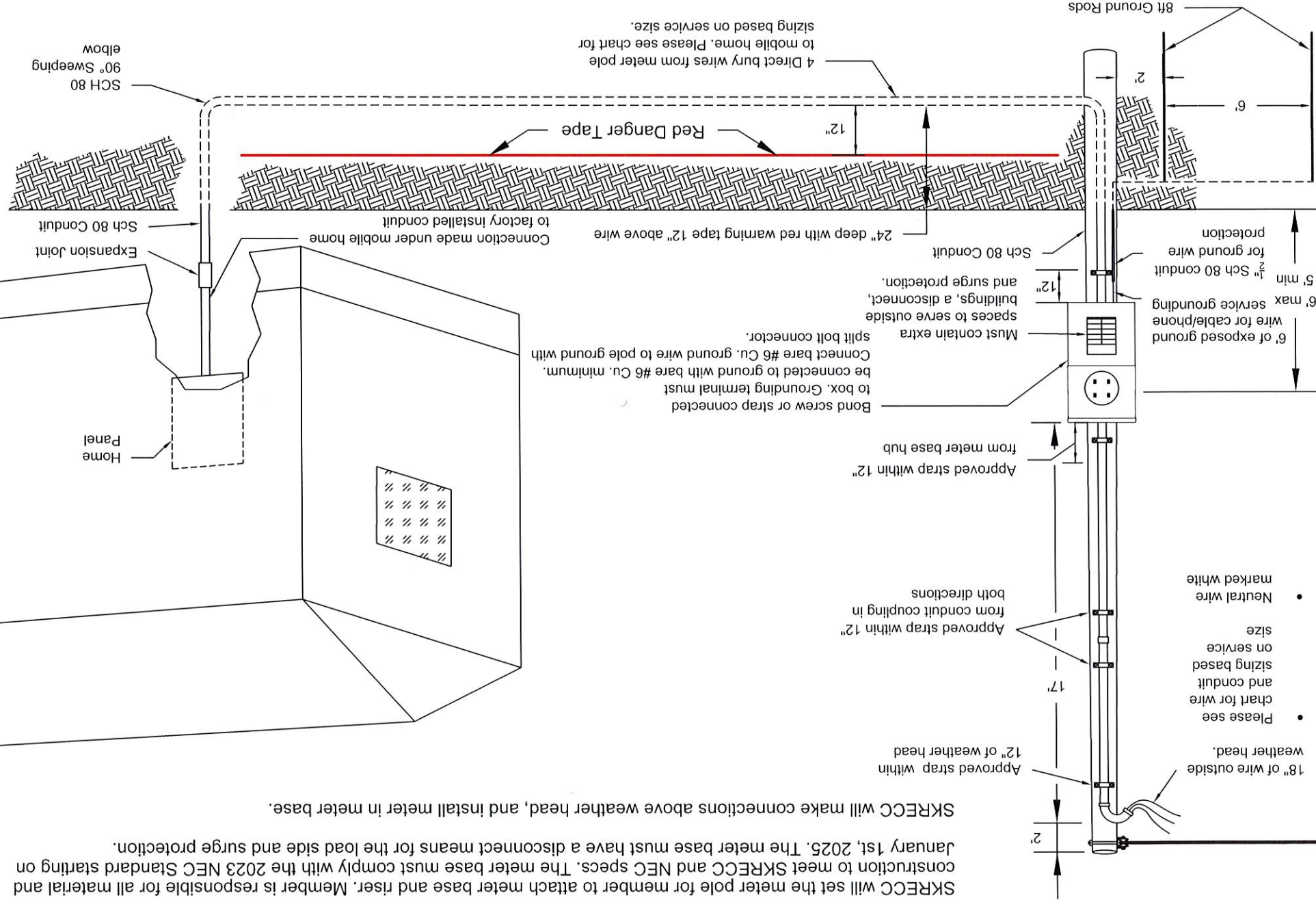
Step 7: Contact your local licensed electrical inspector to perform a final inspection, “Green Sticker or release for occupancy”.



- NOTES:
1. Must have permanent health dept sticker and passed electrical inspection.
 2. The meter base must comply with the 2023 NEC Standard starting on January 1st, 2025. The meter base must have a disconnect means for the load and surge protection.

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. The meter base must comply with the 2023 NEC Standard starting on January 1st, 2025. The meter base must have a disconnect means for the load side and surge protection.
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.



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.



200 Electric Avenue Somerset, Ky 42501

P (606)-678-4121

Electrical Inspectors Listing

Adair County:

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

Casey County:

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

Clinton County:

1. Jackie Spears (606-688-0152)

Cumberland County:

1. Ricky Sheffield (270-427-8373)

Laurel County:

1. Todd Cobb (606-682-1857)
2. Brett Williams (606-493-6515)

Lincoln County:

1. Mike Leger (859-893-4367)
2. Gerald Leger (859-314-1502)

McCreary County:

1. Larry Strunk (606-310-1300)

Pulaski County:

1. Larry Strunk (606-310-1300)
2. Ron Ebling (606-872-2621)
3. Mike Leger (859-893-4367)
4. Jackie Spears (606-688-0152)

Rockcastle County:

1. Dale Fortney (859-623-0516)
2. Brett Williams (606-493-6515)
3. Donald Hacker (606-599-2138)
4. Mike Leger (859-893-4367)

Russell County:

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:

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.

Kentucky State Electrical Inspector Darryl Morgan (502-573-1797)

Tennessee has assigned inspectors for each county they are:

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

Scott County Tennessee -- Kylene Forbey (865-230-3011)

To obtain electrical permits in the State of Tennessee go to core.tn.gov

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 _____

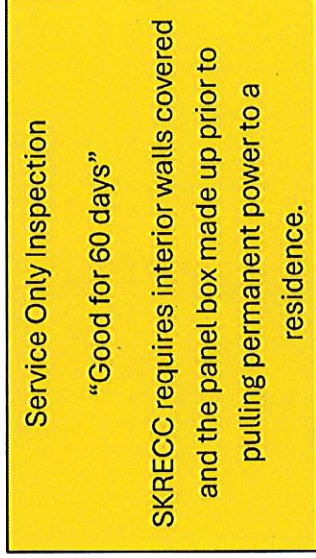
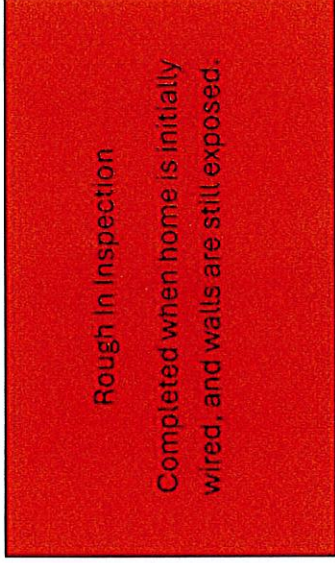
Applicant Phone # _____

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



SKRECC STAKING ENGINEERS TERRITORY

