



Laurens County Mobile Home Requirements

Please read all requirements and note that there have been some updates and changes. Contact the Building Codes Department with any questions that you have.

(864) 984-6659.

(Updated 1/23/13, Revised 5/15/2015,

Amended 6/15/2015, Revised 7/1/2015, Revised 7/1/2016, Revised 1/12/2017,

Revised 4/1/2017, Revised 5/1/2017, Revised 09/01/2017. Revised 11/14/2017, Revised 11/15/2022)



Please bring *all* of the following documents and information with you to the Building Codes Department to purchase a Mobile Home Permit:

1. A completed Manufactured Home Permit Application and an Electrical Permit Application must be completed in its entirety.
INCOMPLETE APPLICATIONS WILL BE RETURNED WHICH COULD DELAY PERMIT PROCESSING.
2. The Contract/Sales Agreement or title for the mobile home.
3. A copy of the DHEC septic tank permit or proof of sewer service.
Laurens/Greenwood County office of DEHC (866) 915-3024
4. The property owner's name where the home will be located.
5. Proof of "911" street address for home provided by the Laurens County 911 office (864) 984-0812.
6. If relocating from another county, we will need a copy of the moving permit and the paid tax receipt from that county.

**Please note that a Manufactured Home Permit Application will be required for all new mobile home set-ups, mobile home relocations, or an existing home to be registered by the current owner or a new owner that has not been inspected by this department.

Mobile Home Setup Fee (Includes electrical and decal)

New mobile homes from dealer	\$350.00
Mobile homes relocated within Laurens County	\$250.00
Moving permit fee	\$25.00

If a mobile home has previously been inspected by this department and does not change locations, the Mobile Home Inspection Permit fee will be **\$60.00.

NOTICE: ANY MANUFACTURED HOME THAT IS MANUFACTURED BEFORE JUNE 15, 1976, CANNOT BE MOVED WITHIN THE COUNTY, OUT OF THE COUNTY, OR INSIDE THE COUNTY.

MOBILE HOME INSTALLATION GUIDE

- A mobile home moving permit must be issued (\$25.00 fee).

PLEASE DO NOT CALL FOR ANY INSPECTIONS UNTIL THE FOLLOWING REQUIREMENTS ARE COMPLETE.

1. UNDERPINNING/SKIRTING INSTALLED AND VENTED WITH ACCESS DOOR. NO WOOD PRODUCTS MAY BE USED. METAL LESS THAN 30 GAUGE THICKNESS MAY NOT BE USED.
2. THE 911 ADDRESS MUST BE VISIBLY DISPLAYED ON HOME WITH 3-INCH NUMBERS AND IF HOME IS LOCATED MORE THAN 50 FEET FROM THE STREET, 3 INCH 911 ADDRESS NUMBERS SHOULD ALSO BE LOCATED ON THE MAILBOX OR AT THE DRIVEWAY.
3. IF A MOBILE HOME IS LOCATED IN A MOBILE HOME PARK, IN ADDITION TO THE NUMERICAL ADDRESS, THE LOT NUMBER SHALL BE POSTED.
4. SEWER AND WATER SUPPLY PLUMBING COMPLETE
5. TIEDOWNS /ANCHORS AND PIERS INSTALLED TO MANUFACTURE OR STATE STANDARDS
6. MINIMUM 6-MIL POLYETHYLENE MUST BE APPLIED ON THE GROUND FOR A VAPOR BARRIER
7. LANDINGS AND STEPS AT EVERY EXIT WITH HANDRAILS AND GUARDRAILS WHERE REQUIRED
8. ELECTRICAL PERMIT PURCHASED AND WORK COMPLETE

Note: power cannot be connected to any mobile home until all the above requirements are complete and certified by the Building Codes Department.

MINIMUM MOBILE HOME SET UP REQUIREMENTS

All mobile homes must be installed and inspected in accordance with the applicable codes and ordinances of Laurens County and of the State of South Carolina.

WATER AND SEWAGE: For public sewers, a sewer tap will be required from the sewer district and a job acknowledgement will be required from Laurens County Water & Sewer Commission if this is the first time a mobile home will be on sewer at this location.

If a septic tank is required, application for the septic tank will be made through DHEC and a copy of that permit must be submitted to our department upon application for a mobile home permit.

All water lines, sewer drainage pipes and connections shall be buried at least 12 inches below grade.

TIE DOWNS, ANCHORS AND PIERS: Manufactured homes must be tied down, anchored and piers installed in accordance with the manufacturer's specifications and requirements. If the specifications are not available, the state requirements should be used.

DISTANCE BARRIER: The distance barrier shall conform to the county's mobile home Ordinance 831, Section 6.4. A mobile or manufactured home located on an individual lot or tract of land shall not be located less than **thirty (30) feet** from any residential street, **forty (40) feet** from any collector street, or **fifty (50) feet** from any arterial street as measured from the street edge of pavement, unless these distances are less than the right-of-way. The side yard setback shall be **thirty (30) feet** adjacent to the street (corner lots only). The home shall also be not less than **ten (10) feet** from any property line, utility easement or right-of-way. All measurements shall be from the mobile or manufactured home exterior side, in a straight line, to the rear boundary of the property line or the closest side of the right-of-way.

STEPS AND LANDINGS: Steps and landings shall be designed for mobile homes or constructed in such a manner as to insure the safety of persons entering or exiting the home and meet the requirements as defined in the uniform standards code. Steps and landings are required at all outside entrances including patio doors and must be in place before an inspection request is made.

LANDINGS: *Code Section R311.3 & R311.3.1 SC International Residential Code (SC-IRC)*
The width of each landing shall be not less than the door served. The landing shall have a dimension of not less than 36 inches measured in the direction of travel. The floor or landing shall not be more than 1-1/2 inches lower than the top of the threshold. The floor or landing can be up to 7-3/4 inches below the top of the threshold if the door, other than a screen or storm door, does not swing over the landing.

STEPS: Code Section R311.7.5.1 & R311.7.5.2 SC International Residential Code (SC-IRC)

The maximum riser height shall be 7-3/4 inches. The maximum riser height for masonry stairs shall be 8 inches. Tread depth shall be a minimum of 10 inches. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch. Risers shall be vertical or sloped from the underside of the nosing of the tread above at an angle not more than 30 degrees from the vertical. Open risers are permitted provided that the opening between treads does not permit the passage of a 4-inch-diameter sphere. A nosing not less than 3/4 inches and not more than 1-1/4 inches shall be provided on all stairways with solid risers. The tread depth is measured horizontally from nosing to nosing. Nosing is not required when the tread depth is a minimum of 11 inches.

****Please note that handrails and guardrails are not the same thing. A guardrail is a barrier that is intended to keep a person from falling off of a landing, stairs or elevated location. Handrails are installed to help while climbing stairs by providing a surface by which one can easily grasp and hold. ****

GUARDRAILS: Code Section R312.1.1 – R312.1.4 SC International Residential Code (SC-IRC)

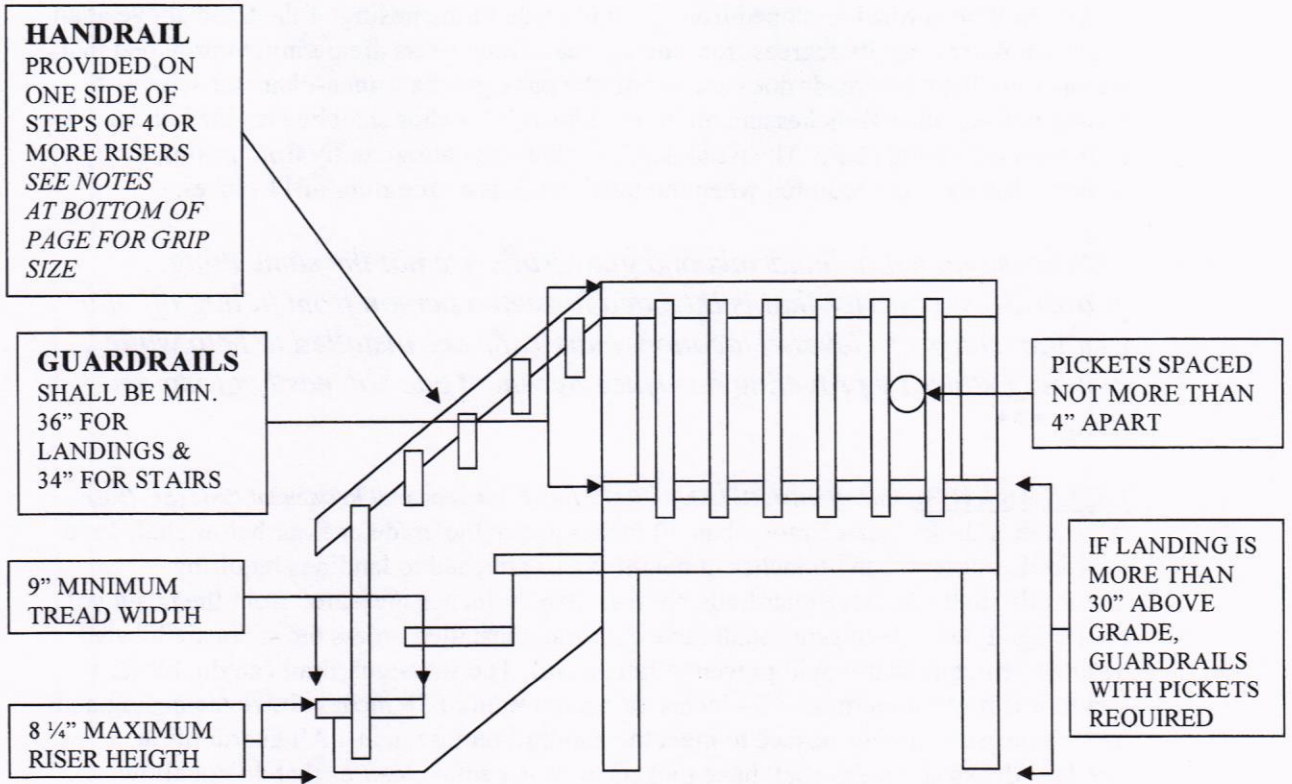
All porches/decks located more than 30 inches above the grade or floor below shall have guardrails not less than 36 inches in height. Steps attached to landings requiring guardrails shall also have guardrails not less than 34 inches measured from the nosing of the treads. Each side of stairs shall have guardrails installed unless the stairs are located beside a structure that would prevent a fall hazard. The stairs guardrail can double as a handrail if it is a minimum of 34 inches or a maximum of 38 inches above the nosing and has the proper gripping surface to meet the handrail requirements. All guardrails at porches, decks and stairs shall have pickets or ornamental closures that do not allow passage of a sphere 4 inches in diameter.

HANDRAILS: Code Section R311.7.8.1 – R311.7.8.4 SC International Residential Code (SC-IRC)

Handrails having minimum and maximum heights of 34 inches and 38 inches, respectively, measured vertically from the nosing of the treads shall be provided on at least one side of stairways of four or more risers. All handrails shall be continuous the full length of the stairs and have a grasping surface with a circular cross-sectional dimension of 1-1/4 inches minimum to 2 inches maximum.

NOTE: ALL WOOD AND WOOD COMPONENTS IN CONTACT WITH THE GROUND AND WHERE EXPOSED TO WEATHERING CONDITIONS MUST BE TREATED FOR SUCH USE.

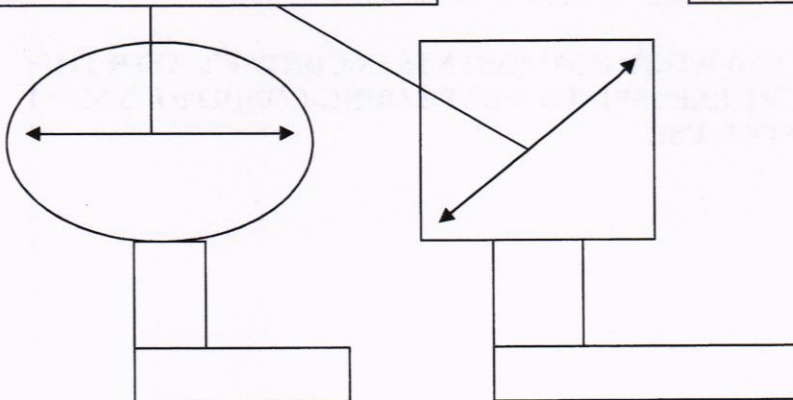
NOTE: STEPS AND LANDINGS MUST BE FREE STANDING WITH NO ATTACHMENTS TO THE MOBILE HOME.



HANDRAIL GRIP SIZE

THE CROSSSECTIONAL DIMENSION OF THE HANDRAIL SHOULD BE BETWEEN 1 1/4" MIN. & 2 5/8" MAX. YOU SHOULD BE ABLE TO GET YOUR FINGERS AROUND THE HANDRAIL.

NOTE: HANDRAIL SHOULD BE MOUNTED BETWEEN 30" AND 38" ABOVE THE STAIR NOSING AND IS ONLY REQUIRED ON ONE SIDE.



MOBILE HOME ELECTRICAL POWER SUPPLY

An electrical permit is required for all mobile homes. South Carolina Law prohibits any person or entity from installing, modifying, altering, or repairing the structural, mechanical, or electrical systems of a Manufactured Home without first obtaining a license issued or recognized by the South Carolina Manufactured Housing Board. **SC 40-29-30**

WIRING SPECIFICATIONS

All service wires should be protected from physical and weather damage by conduit and the proper conduit connectors. The conduit shall be continuous from the outside service equipment to the inside panel. Conduit outside mobile home foundation/footprint shall be buried 18 inches below grade. Once under the mobile home, the conduit can be supported by the ground or strapped to the frame with approved hangers or straps.

Make sure to maintain 36 inches of clear space in front of your service equipment. This is measured from the front of the equipment straight out.

The main service equipment enclosure shall be bonded to the neutral bus bar. **Grounding of the main service equipment shall be made by means of a minimum size #6 continuous copper wire to TWO approved 8 ft ground rods spaced a minimum of six ft apart, driven in the ground near the service equipment (Code Section E3608.4 SC International Residential Code (SC-IRC)).** The grounding electrode conductor shall be installed in one continuous length without splices or joints.

The power feeder from the main service equipment to the inside panel shall consist of #4 insulated, color-coded conductors shall be connected to the load side of the main disconnect breaker located in the service panel and to the line side of the main breaker in the panel box inside the mobile home.

Both the white and the green wires are connected to the grounded neutral buss bar in the main service equipment. In the panel box inside the mobile home, the white wire is connected to the neutral buss bar and the green wire is connected to the separate equipment grounding buss that is bonded to the panel box enclosure.

**Make sure to use a #4-wire insulated conductor approved for the ampacity of the panel's main breaker and rated for installation in a wet location or ground contact. **

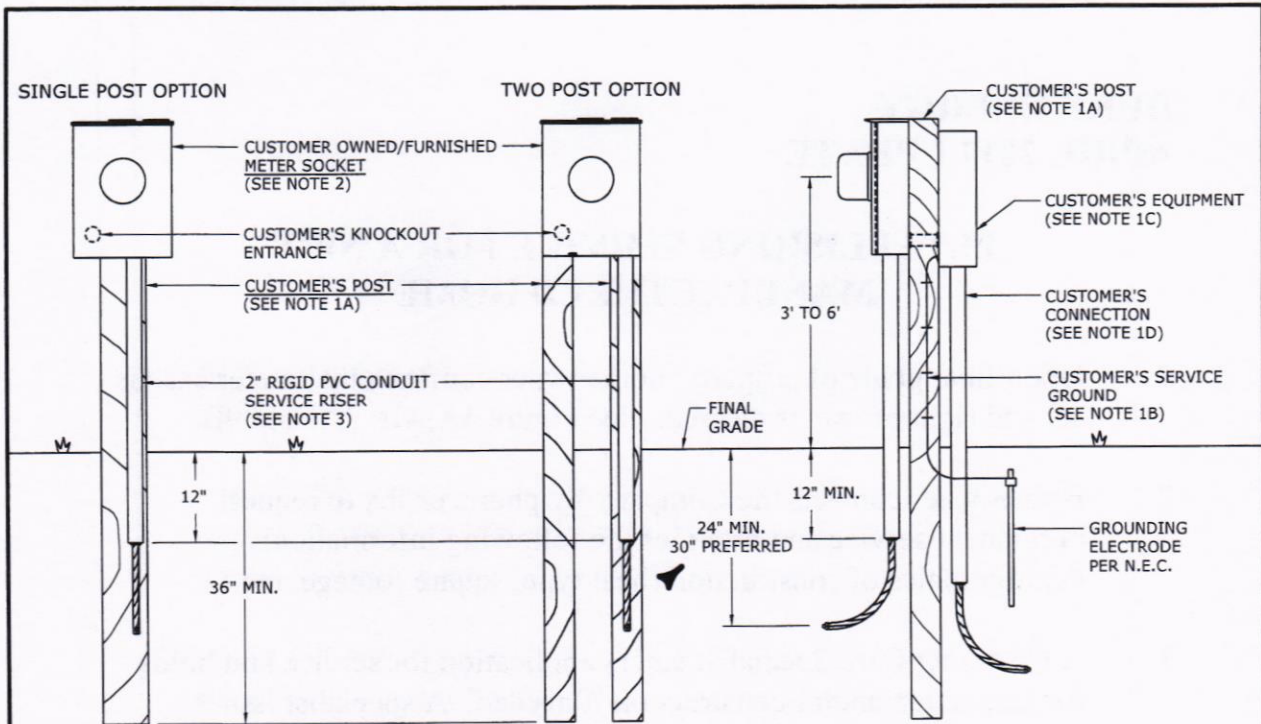
CONDUCTOR TYPES AND SIZES

<u>AMPS</u>	<u>COPPER</u>			<u>ALUMINUM</u>		
	<u>2-HOT</u>	<u>NEUT.</u>	<u>GND.</u>	<u>2-HOT</u>	<u>NEUT.</u>	<u>GND.</u>
200	2/0	#1	#6	4/0	2/0	#4
175	1/0	#2	#6	3/0	1/0	#4
150	#1	#3	#6	2/0	#1	#4
125	#2	#4	#8	1/0	#2	#6
100	#4	#8	#8	#2	#4	#6

**DUKE ENERGY
APRIL 2017 UPDATE**

**ESTABLISHING SERVICE FOR A NEW
MANUFACTURED HOME**

1. Upon final grade of property, homeowner confirms that meter base is set and right of way is cleared. See Figure 4A, 4B, 9A, and 9B.
2. Homeowner contacts the Company by phone or fax to request permanent service and provides the following information: demographics of construction (heat type, square footage, etc.)
3. A Customer Care Specialist enters application for service and holds for inspection and/or construction if needed. A specialist issues premise number for use during all transactions at this location. If line construction is necessary, the Company begins line construction process.
4. Homeowner arranges for inspection of permanent electrical installation and meter base and advises Authority Having Jurisdiction of premise number.
5. Authority Having Jurisdiction performs inspection and notifies Company of results prior to meter being installed. (Process may vary from county to county).
6. The company sets meter on permanent meter base once inspection is received and construction is complete, if needed.



CUSTOMER INSTALLATION

1. CUSTOMER WILL FURNISH AND INSTALL:

- (A) ONE 4" X 6", 6" X 6" OR TWO 4" X 4" TREATED POSTS SUITABLE TO COMPANY.*
- (B) SERVICE GROUND IN ACCORDANCE WITH N.E.C.
- (C) ALL EQUIPMENT, MOUNTING HEIGHTS, AND CLEARANCES BEYOND THE METER SOCKET IN ACCORDANCE WITH N.E.C.
- (D) ALL CONNECTIONS IN ACCORDANCE WITH N.E.C.
- (E) MOBILE HOME SERVICES - POSTS SHALL BE INSTALLED 18" MIN. FROM THE MOBILE HOME FOR MOUNTING THE SERVICE RISER, METER SOCKET, AND SERVICE EQUIPMENT. METERING EQUIPMENT SHALL FACE AWAY FROM MOBILE HOME SUCH THAT METER IS EASILY READABLE AND ACCESSIBLE. OTHER CONSTRUCTION IS PERMISSIBLE WITH LOCAL ENGINEER'S APPROVAL.

2. CUSTOMER WILL FURNISH, INSTALL, AND OWN METER SOCKET. TOP OF SOCKET MUST BE LEVEL FRONT TO FRONT TO BACK AND SIDE TO SIDE.

COMPANY INSTALLATION

- 3. COMPANY WILL PROVIDE AND INSTALL THE UNDERGROUND SERVICE LATERAL ACCORDING TO COMPANY'S STANDARD PRACTICES.
- 4. BOTTOM OF TRENCH MUST BE FIRMLY TAMPED NEAR POST. CABLE MUST BE POSITIONED FIRMLY AGAINST TAMPED EARTH DURING BACKFILLING. BEFORE CABLE IS CUT AFTER BACK-FILLING, PUSH CABLE DOWN IN CONDUIT TO PROVIDE AS MUCH SLACK AS POSSIBLE. THIS IS NECESSARY TO PREVENT SETTLING OF EARTH FROM PULLING ON CABLE AND DAMAGING METER BASE TERMINALS.
- 5. POINT OF DELIVERY IS WHERE COMPANY'S CONDUCTORS ATTACH TO METER SOCKET.

*SOME COUNTIES WITHIN COMPANY'S SERVICE AREA REQUIRE THE USE OF (ONE) SINGLE 4" X 6" OR 6" X 6" POST.

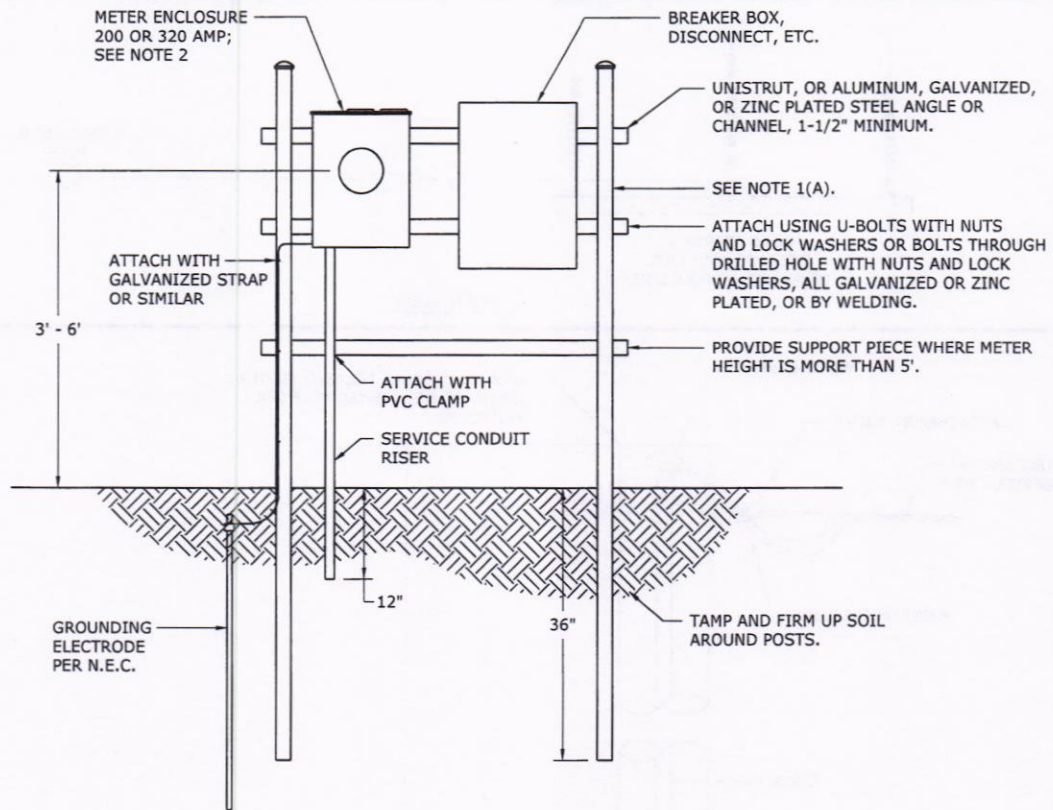


3				
2	2/21/17	EANES	EANES	ADCOCK
1	6/29/16	EANES	FLETCHER	ADCOCK
0	2/1/16	SIMPSON	MEDLIN	CHANDLER
REVISED	BY	CK'D	APPR.	

**UNDERGROUND PERMANENT SERVICE
POST MOUNTED**

DEC	DEM	DEP	DEF
X		X	

FIG 4A



CUSTOMER INSTALLATION

1. CUSTOMER WILL FURNISH AND INSTALL:

- ▶ (A) H FRAME POSTS SHALL BE 2-3/8" PIPE OR LARGER WITH END CAPS, 2" (OD) OR LARGER TUBING WITH END CAPS, OR 2" OR LARGER CHANNEL, OR EQUIVALENT, ALL GALVANIZED, ZINC PLATED, OR ALUMINUM.
- (B) SERVICE GROUND IN ACCORDANCE WITH N.E.C.
- (C) ALL EQUIPMENT, MOUNTING HEIGHTS, AND CLEARANCES BEYOND THE METER SOCKET IN ACCORDANCE WITH N.E.C.
- (D) ALL CONNECTIONS IN ACCORDANCE WITH N.E.C.
- ▶ (E) MOBILE HOME SERVICES - H FRAME SHALL BE INSTALLED 18" MIN. FROM THE MOBILE HOME FOR MOUNTING THE SERVICE RISER, METER SOCKET, AND SERVICE EQUIPMENT. METERING EQUIPMENT SHALL FACE AWAY FROM MOBILE HOME SUCH THAT METER IS EASILY READABLE AND ACCESSIBLE. OTHER CONSTRUCTION IS PERMISSIBLE WITH LOCAL ENGINEER'S APPROVAL.

2. CUSTOMER WILL FURNISH, INSTALL, AND OWN METER SOCKET. TOP OF SOCKET MUST BE LEVEL FRONT TO FRONT TO BACK AND SIDE TO SIDE.

COMPANY INSTALLATION

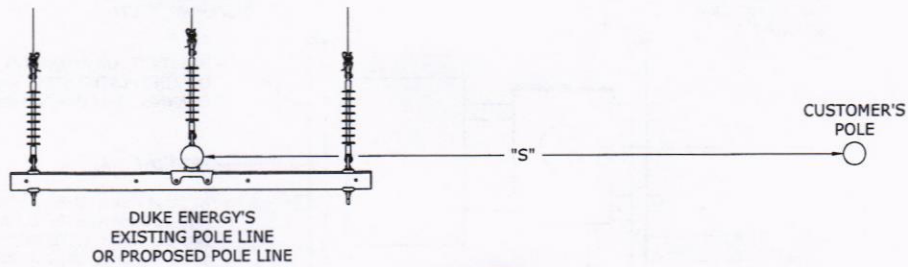
- 3. COMPANY WILL PROVIDE AND INSTALL THE UNDERGROUND SERVICE LATERAL ACCORDING TO COMPANY'S STANDARD PRACTICES.**
- 4. BOTTOM OF TRENCH MUST BE FIRMLY TAMPED NEAR H-FRAME. CABLE MUST BE POSITIONED FIRMLY AGAINST TAMPED EARTH DURING BACKFILLING. BEFORE CABLE IS CUT AFTER BACK-FILLING, PUSH CABLE DOWN IN CONDUIT TO PROVIDE AS MUCH SLACK AS POSSIBLE. THIS IS NECESSARY TO PREVENT SETTLING OF EARTH FROM PULLING ON CABLE AND DAMAGING METER BASE TERMINALS.**
- 5. POINT OF DELIVERY IS WHERE COMPANY'S CONDUCTORS ATTACH TO METER SOCKET.**



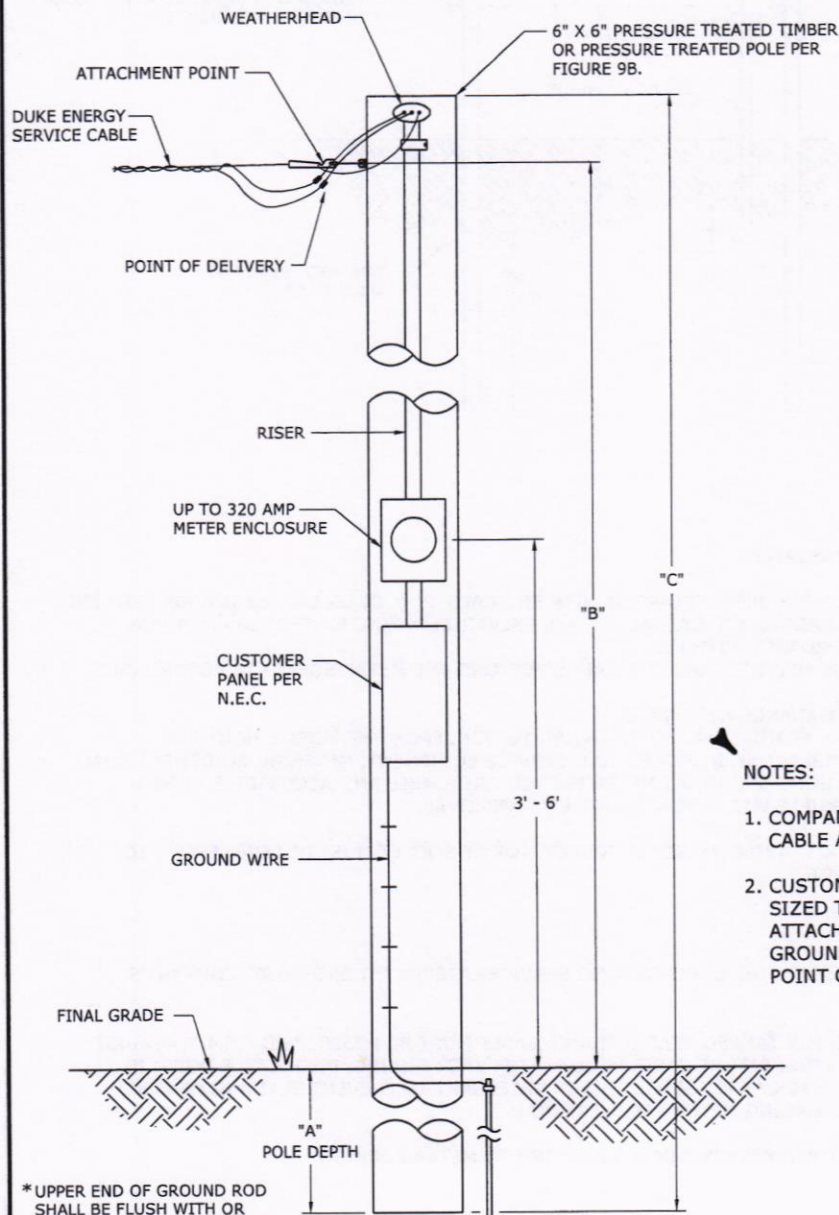
3				
2				
1	2/21/17	EANES	EANES	ADCOCK
0	10/6/15	SIMPSON	MEDLIN	CHANDLER
REVISED	BY	CK'D	APPR.	

**UNDERGROUND PERMANENT SERVICE
H FRAME STRUCTURE MOUNTED**

DEC	DEM	DEP	DEF
X		X	
FIG 4B			



PLAN VIEW



NOTES:

1. COMPANY FURNISHES AND INSTALLS SERVICE CABLE AND APPROPRIATE METER.
2. CUSTOMER FURNISHES AND INSTALLS PROPERLY SIZED TIMBER/POLE, RISER, WEATHERHEAD, ATTACHMENT POINT, METER ENCLOSURE, GROUNDING AND ALL OTHER ITEMS BEYOND POINT OF DELIVERY.

* UPPER END OF GROUND ROD SHALL BE FLUSH WITH OR BELOW FINAL GRADE UNLESS THE ROD END AND GROUND CONDUCTOR ATTACHMENT ARE PROTECTED AGAINST PHYSICAL DAMAGE.

* TYPICAL GROUNDING ELECTRODE PER N.E.C. (SEE FIG 14A)



3				
2				
1	2/21/17	EANES	EANES	ADCOCK
0	2/1/16	SIMPSON	EANES	ADCOCK
REVISED	BY	CK'D	APPR.	

PERMANENT OVERHEAD SERVICE POLE

DEC	DEM	DEP	DEF
X		X	

FIG 9A

TABLE 1 - CLEARANCES

"S" AREA FROM THE CUSTOMER'S POLE TO THE DUKE ENERGY LINE	NESC CLEARANCES	"A" MINIMUM BURIAL DEPTH IN AVERAGE OR GOOD SOIL	"A" MINIMUM BURIAL DEPTH IN AVERAGE POOR SOIL	"B" MINIMUM ATTACHMENT HEIGHT ABOVE GROUND TO DUKE ENERGY'S SERVICE CABLE	"C" MINIMUM POLE HEIGHT
SPACES OR WAYS SUBJECT TO PEDESTRIANS ONLY	12'	4'-0"	5'-0"	14'	20' C10
DRIVEWAYS, PARKING LOTS AND ALLEYS FOR THE STATES OF NORTH CAROLINA AND SOUTH CAROLINA	16'	4'-6"	5'-6"	20'	25' C9
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC FOR STATE OF SOUTH CAROLINA	16'	4'-6"	5'-6"	20'	25' C9
ROADS, STREETS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC FOR STATE OF NORTH CAROLINA PER DOT REQUIREMENTS	18'	4'-6"	5'-6"	23'	30' C9

NOTES:

1. THE MINIMUM BURIAL DEPTH IS BASED ON WELL-TAMPED AND COMPACTED BACKFILL. AVERAGE OR GOOD SOIL IS FIRM SAND, CLAY OR GRAVEL-TYPE SOIL. POOR SOIL IS SOFT OR WET CLAY, LOOSE SANDS OR SOFT CLAYISH SILT-TYPE SOIL.
2. THE 12', 16' AND 18' CLEARANCES AND POLE HEIGHTS, SIZES AND DEPTH ARE BASED ON THE NATIONAL ELECTRICAL SAFETY CODE (NESC) AND DEPARTMENT OF TRANSPORTATION (DOT). (SEE FIGURE 11.)
3. MAXIMUM SERVICE LENGTH TO BE DETERMINED BY COMPANY REPRESENTATIVE.



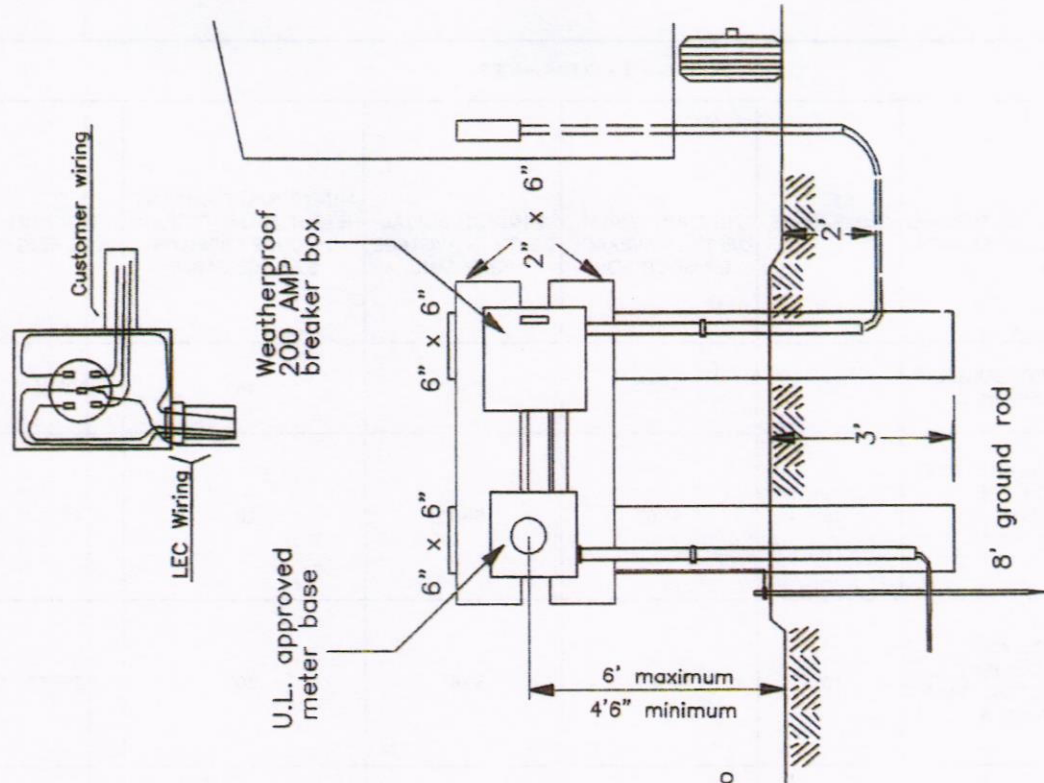
3				
2				
1				
0	10/29/15	SIMPSON	EALES	ADCOCK
REVISED	BY	CK'D	APPR.	

PERMANENT OVERHEAD SERVICE POLE

DEC	DEM	DEP	DEF
X		X	

FIG 9B

METERBASE WITH BREAKER BOX



* Pole must be properly tamped and secure.
DO NOT POUR CONCRETE

TO BE FURNISHED AND INSTALLED BY CUSTOMER

1. U.L. approved underground meterbase of appropriate size.
2. Closure plate for meterbase.
3. Weatherproof enclosure for circuit breaker with cover.
4. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
5. Number 6 copper ground wire attached to meter base and ground rod.
6. Load side connectors for meter base.
7. (2) 6" x 6" treated timber poles with 2" x 6" back boards.
8. Customer's wire system (4 wire).
9. Address or lot number to be permanently marked on the inside and outside of the meter socket cover.

NOTES:

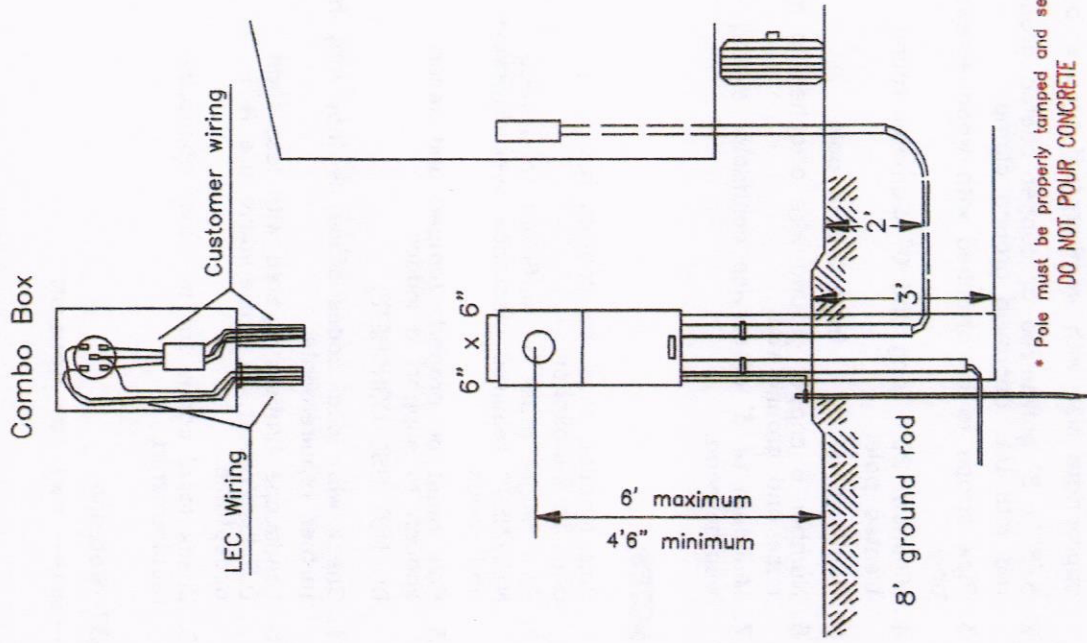
1. Meter location must be spotted by LEC personnel prior to installation.
2. Underground service to a mobile home will be determined on the basis of the spotted meter location and proximity to existing LEC facilities.
3. Service entrance minimum wire size as follows:
100 AMP - 1/0 Aluminum or #2 Copper
200 AMP - 4/0 Aluminum or 2/0 Copper
4. 6" x 6" timbers treated with less than 0.6 lbs./cu. ft. of preservative are not recommended for long term contact with the ground. The owner is responsible for the maintenance of these timbers.
5. Check local codes for all other applicable requirements

TO BE FURNISHED AND INSTALLED BY CUSTOMER

1. U.L. approved underground meterbase of appropriate size.
2. Closure plate for meterbase.
3. Weatherproof enclosure for circuit breaker with cover.
4. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
5. Number 6 copper ground wire attached to meter base and ground rod.
6. Line side connectors for meter base.
7. 6" x 6" treated timber pole.
8. Customer's wire system (4 wire).
9. Address or lot number to be permanently marked on the inside and outside of the meter socket cover.

NOTES:

1. Meter location must be spotted by LEC personnel prior to installation.
2. Underground service to a mobile home will be determined on the basis of the spotted meter location and proximity to existing LEC facilities.
3. Service entrance minimum wire size as follows:
 100 AMP - 1/0 Aluminum or #2 Copper
 200 AMP - 4/0 Aluminum or 2/0 Copper
4. 6" x 6" timbers treated with less than 0.6 lbs./cu. ft. of preservative are not recommended for long term contact with the ground. The owner is responsible for the maintenance of these timbers.
5. Check local codes for all other applicable requirements



Mobile Home Underground With Combo Box

Revised:
2-28-05

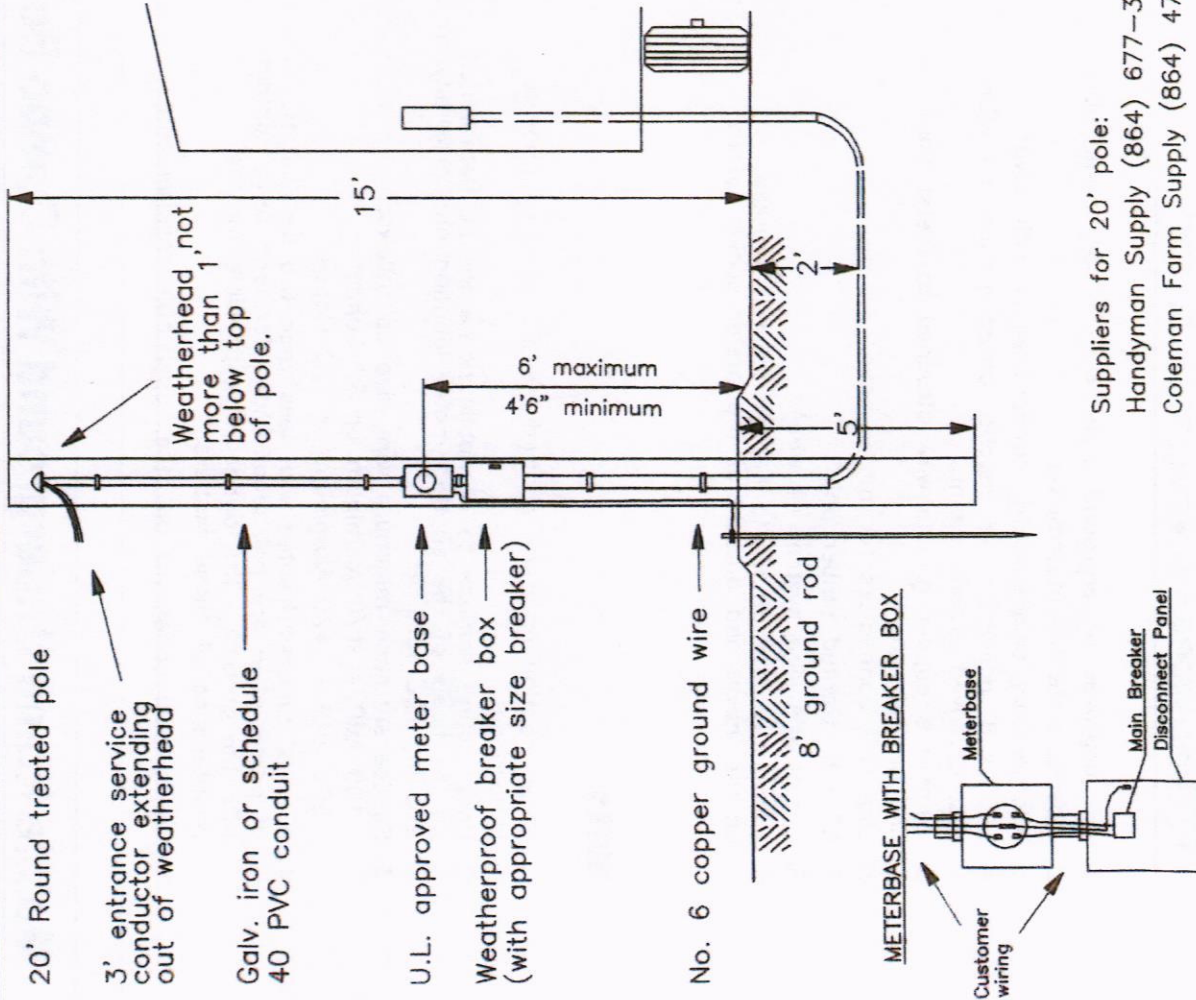
LEC Laursens Electric
Cooperative, Inc.

TO BE INSTALLED AND FURNISHED BY CUSTOMER

1. U.L. approved overhead meter base of appropriate size with weatherproof breaker box.
2. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
3. Pipe straps to be attached with wood screws only.
4. Minimum 20' long and 6" diameter round treated pole.
5. Weatherhead is 1' from top of pole.
6. Number 6 copper ground wire attached to meter base and ground rod.
7. Minimum of 3' of service conductor exiting weatherhead.

NOTES:

1. Pole location must be spotted by LEC personnel prior to installation.
2. Pole height must be sufficient to provide NEC/NESC required clearance over driveways and roads.
3. Pole must be properly tamped and secure enough to support a ladder.
DO NOT USE CONCRETE.
4. Check with local codes office as they may have further requirements.
5. Landscape timbers treated with less than 0.6 lbs./cu. ft. of preservative are NOT acceptable.
6. Check local codes for all other applicable requirements.

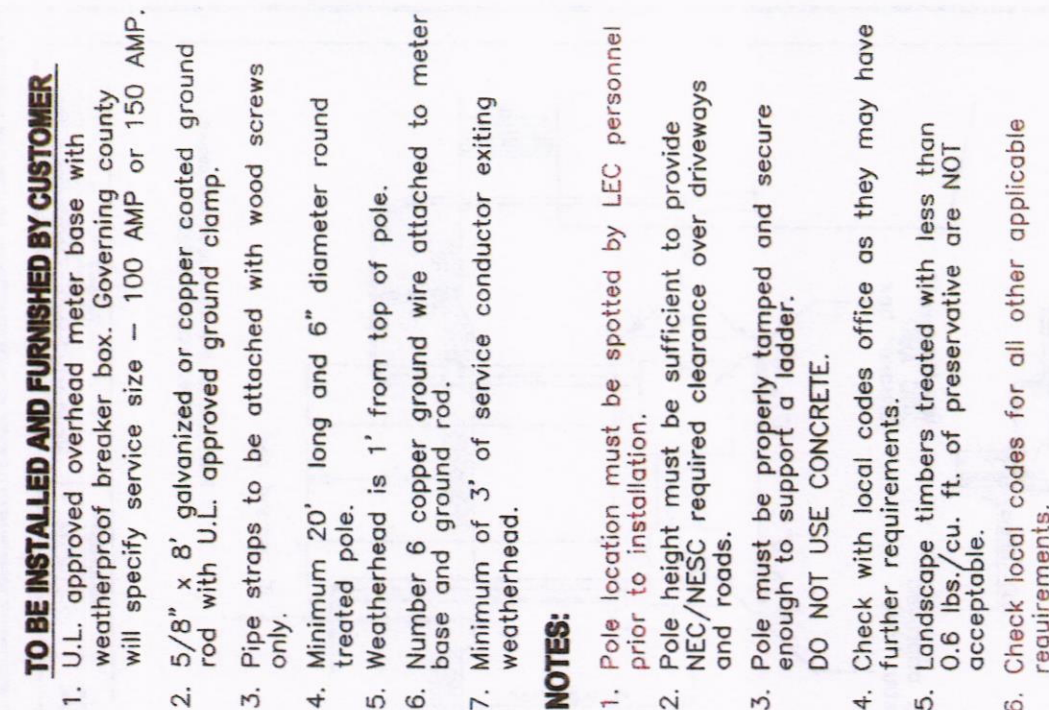


Suppliers for 20' pole:
 Handyman Supply (864) 677-3537-Waterloo
 Coleman Farm Supply (864) 476-2914- Hwy 101 Woodruff

Mobile Home Overhead Service

Revised:
 4-24-03

LEC
 Laurens Electric
 Cooperative, Inc.



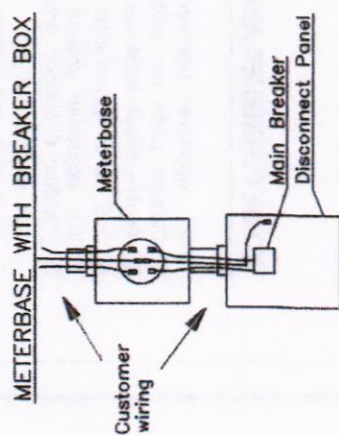
TO BE INSTALLED AND FURNISHED BY CUSTOMER

1. U.L. approved overhead meter base with weatherproof breaker box. Governing county will specify service size - 100 AMP or 150 AMP.
2. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
3. Pipe straps to be attached with wood screws only.
4. Minimum 20' long and 6" diameter round treated pole.
5. Weatherhead is 1' from top of pole.
6. Number 6 copper ground wire attached to meter base and ground rod.
7. Minimum of 3' of service conductor exiting weatherhead.

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3. Pole must be properly tamped and secure enough to support a ladder.
DO NOT USE CONCRETE.
4. Check with local codes office as they may have further requirements.
5. Landscape timbers treated with less than 0.6 lbs./cu. ft. of preservative are NOT acceptable.
6. Check local codes for all other applicable requirements.

Suppliers for 20' pole:
 Handyman Supply (864) 677-3537-Waterloo
 Coleman Farm Supply (864) 476-2914-Hwy 101 Woodruff



Camper Overhead Service

Revised:
6-8-05



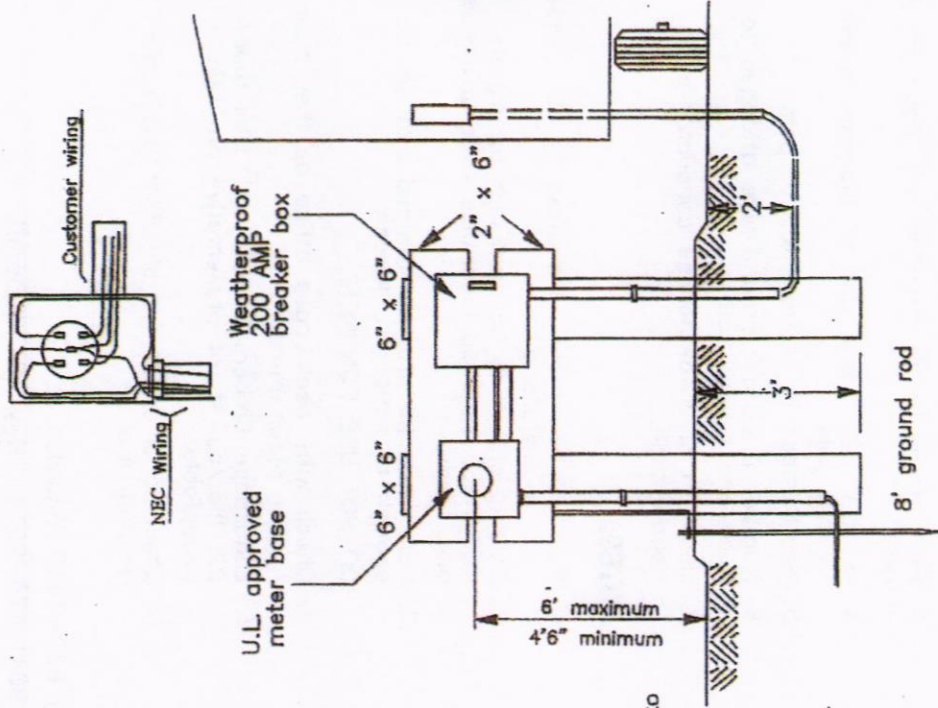
TO BE FURNISHED AND INSTALLED BY CUSTOMER

1. U.L. approved underground meterbase of appropriate size.
2. Closure plate for meterbase.
3. Weatherproof enclosure for circuit breaker with cover.
4. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
5. Number 6 copper ground wire attached to meter base and ground rod.
6. Load side connectors for meter base.
7. (2) 6" x 6" treated timber poles with 2" x 6" back boards.
8. Customer's wire system (4 wire).
9. Address or lot number to be permanently marked on the inside and outside of the meter socket cover.

NOTES:

1. Meter location must be spotted by NEC personnel prior to installation.
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 100 AMP - 1/0 Aluminum or #2 Copper
 200 AMP - 4/0 Aluminum or 2/0 Copper
4. 6" x 6" timbers treated with less than 0.6 lbs./cu. ft. of preservative are not recommended for long term contact with the ground. The owner is responsible for the maintenance of these timbers.
5. Check local codes for all other applicable requirements

METERBASE WITH BREAKER BOX



Mobile Home Underground With Breaker Box

Revised:
2-11-2014

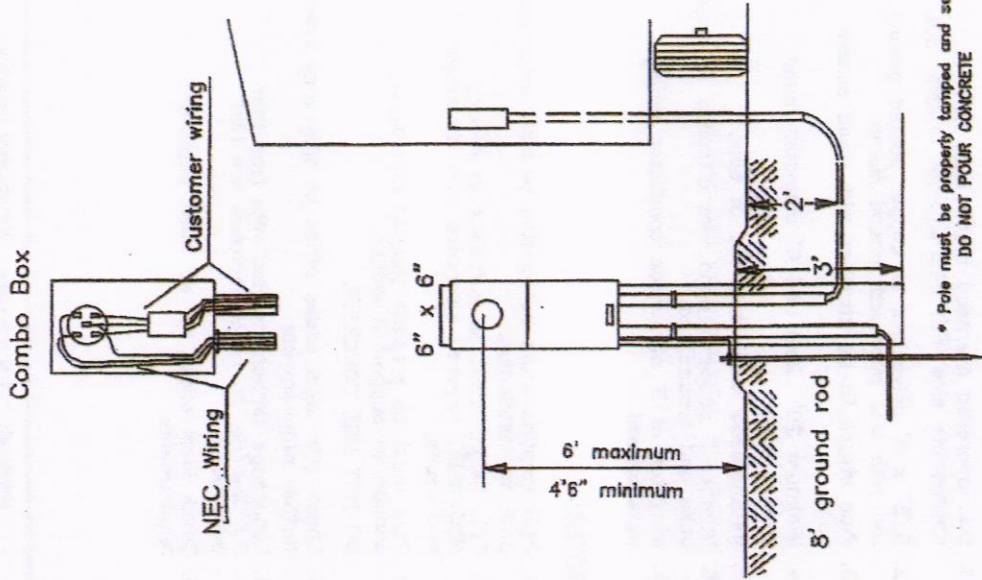
NEC
Newberry Electric Cooperative, Inc.

TO BE FURNISHED AND INSTALLED BY CUSTOMER

1. U.L. approved underground meterbase of appropriate size.
2. Closure plate for meterbase.
3. Weatherproof enclosure for circuit breaker with cover.
4. 5/8" x 8' galvanized or copper coated ground rod with U.L. approved ground clamp.
5. Number 6 copper ground wire attached to meter base and ground rod.
6. Line side connectors for meter base.
7. 6" x 6" treated timber pole.
8. Customer's wire system (4 wire).
9. Address or lot number to be permanently marked on the inside and outside of the meter socket cover.

NOTES:

1. Meter location must be spotted by NEC personnel prior to installation.
2. Underground service to a mobile home will be determined on the basis of the spotted meter location and proximity to existing NEC facilities.
3. Service entrance minimum wire size as follows:
100 AMP - 1/0 Aluminum or #2 Copper
200 AMP - 4/0 Aluminum or 2/0 Copper
4. 6" x 6" timbers treated with less than 0.6 lbs./cu. ft. of preservative are not recommended for long term contact with the ground. The owner is responsible for the maintenance of these timbers.
5. Check local codes for all other applicable requirements



Mobile Home Underground With Combo Box

Revised:
2-11-2014

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Newberry Electric Cooperative, Inc.

