



FORT LOUDOUN ELECTRIC COOPERATIVE

Specification For Member Owned URD Meter Pole for Mobile Home Installations

NOTE: - METER BASE & DISCONNECT CAN BE MOUNTED DIRECTLY TO THE WALL

- A SIDEWIRE/OFFSET METER BASE OR A COMBINATION METERBASE/DISCONNECT MUST BE USED FOR URD SERVICE TO A MOBILE HOME

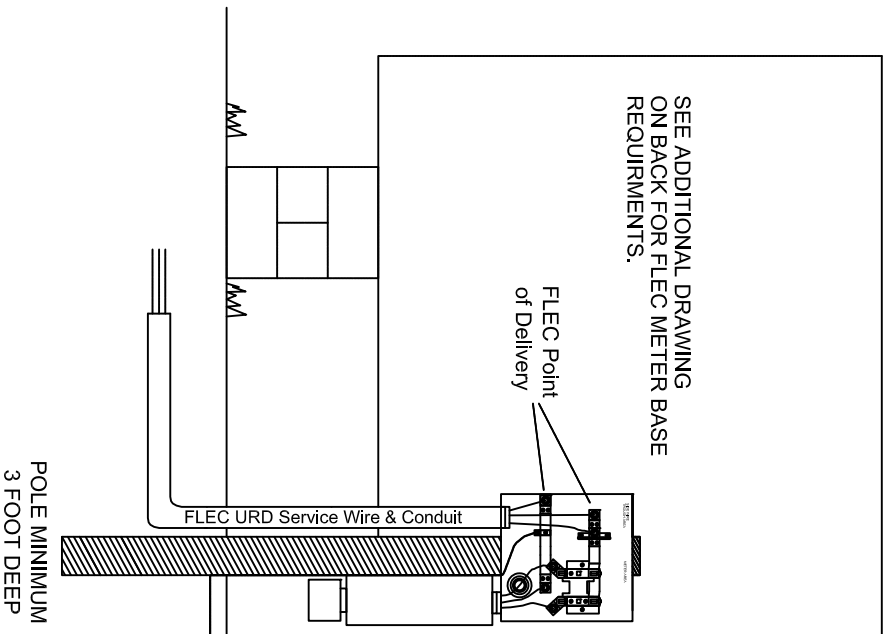
POLE REQUIREMENTS

1. POLE MUST BE A MINIMUM 6 X 6 PRESSURE TREATED WOOD POST AT LEAST 9 FOOT LONG.
2. POLE MUST BE SET AT A MINIMUM OF 3 FEET DEEP.
3. POLE MUST BE SET WITHIN 12 INCHES FROM THE MOBILE HOME
4. BOTTOM OF PANEL MUST BE NO CLOSER THAN 2 FOOT FROM FINAL GRADE.
5. METERBASE MUST NOT BE MORE THAN 6 FOOT FROM GROUND LEVEL TO CENTER OF METER SOCKET, AND NO CLOSER THAN 5 1/2 FOOT FROM FINAL GRADE.
6. #4 BARE COPPER UNBROKEN FROM METERBASE TO 8 FOOT DRIVEN GROUND ROD.

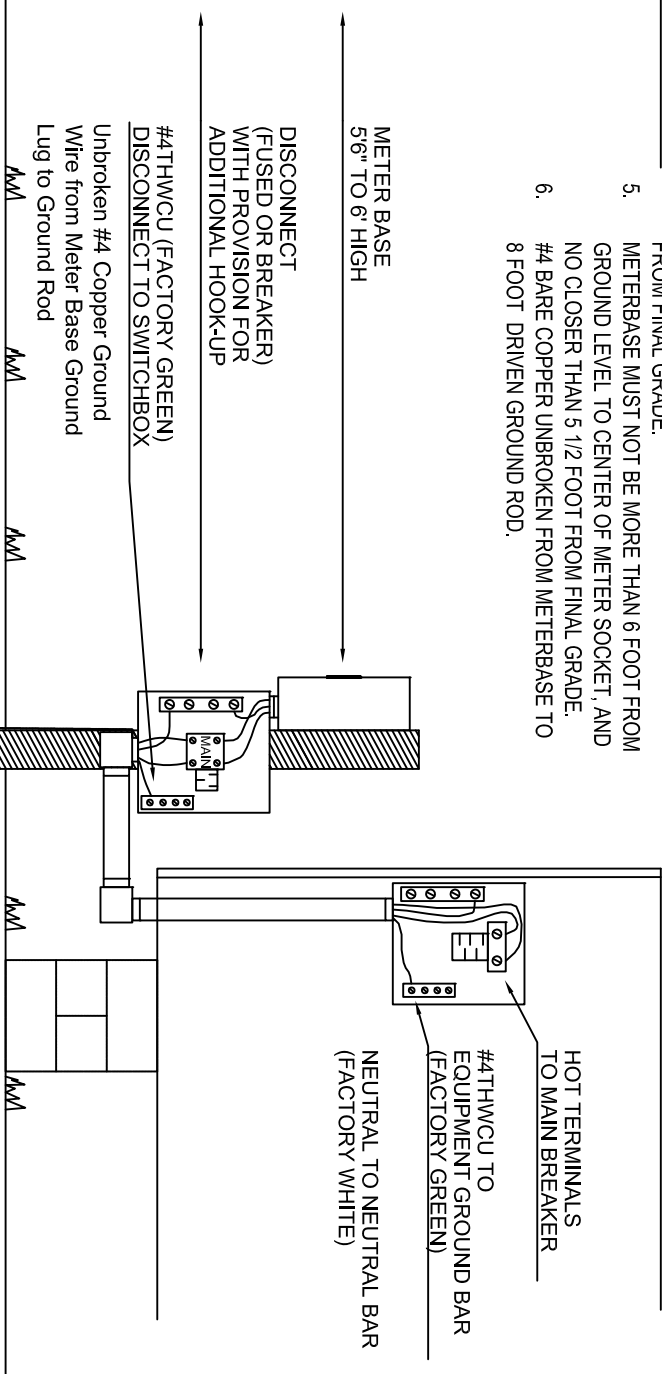
200A *	100A *
2-2/0CU (HOT)	2-#4CU (HOT)
1-1/0CU (NEUT) FACTORY WHITE	1-#4CU (NEUT) FACTORY WHITE
1-4THWCU (GR) FACTORY GREEN	1-#4THWCU (GR) FACTORY GREEN

* IF ALUMINUM CONDUCTOR IS USED, CONDUCTOR MUST BE 1 SIZE LARGER

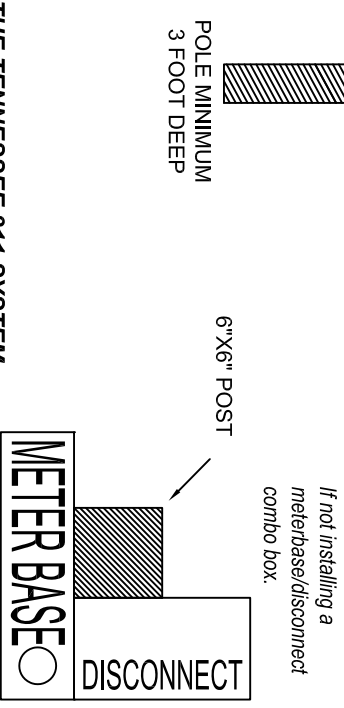
FRONT VIEW



SIDE VIEW



TOP VIEW



FORT LOUDOUN ELECTRIC COOPERATIVE MEMBER OWNED URD METER POLE FOR MOBILE HOME INSTALLATIONS

STATE ELECTRICAL INSPECTOR :

LARRY MILLER

Phone # 423-836-2938

Monday - Thursday 7:00 am to 8:00 am

Inspection days are: - Monroe Co. - Monday and Wednesday
 - Blount Co. and Loudon Co. - Tuesday and Thursday
 (North of the River Bridge in Vonore)

No inspections are performed on Fridays.

As of January 27, 2020, FLEC no longer sells electrical permits. Permits can be purchased and scheduled online at <http://www.core.tn.gov>. Keep all paperwork, as you will need it for scheduling inspections.

To speak with Larry Miller about questions on wiring, please call 423-836-2938 between 7:00 am and 8:00 am on Monday thru Thursday.

This list is not all of the requirements, but it is some of the ones that give the most problems.

- Must have yellow copy of septic system permit from county health department. (Monroe Co. only)
- Dryer and Range must be 4 conductor cable, receptacle, and pigtail.
- Must have smoke detectors for bedroom areas.
- No exposed romex or other type wiring allowed under mobile home.
- All outlets, switches, and light fixtures must be in good repair.
- All wiring in ditch from disconnect to breaker box must be left visible for inspector.
- Ground rod clamp must be visible for inspection.
- Only 1 conductor to be attached to ground rod.
- No under pinning until after inspection.
- Conduit must be strapped under mobile home with galvanized strapping
- State Setup Permit (Purple Sticker)
- HVAC State Permit (When Applicable)
- Final State Electrical Inspection

- ***Property address must be marked on road and also on the structure being inspected (temp pole, RV pole, house, etc...)***
- ***AS OF OCTOBER 1, 2018, ALL NEW HOMES AND USED MOBILE HOMES MUST HAVE POWER BEFORE FINAL INSPECTION.***
- ***LOCATION OF TEMP POLE MUST BE APPROVED BY FLEC'S ENGINEERING SERVICES DEPARTMENT PRIOR TO SETTING.***
- ***TEMP POLES INSTALLED BEFORE PRIOR APPROVAL BY FLEC'S ENGINEERING SERVICES DEPARTMENT COULD BE REQUIRED TO BE RELOCATED.***

- FLEC IS A MEMBER OF THE TENNESSEE 811 SYSTEM. REMEMBER TO CALL 811 BEFORE YOU DIG SO THAT UNDERGROUND UTILITIES CAN BE MARKED.