



# FORT LOUDOUN ELECTRIC COOPERATIVE

Specification For  
Member Owned Overhead RV Pole  
*For RV only not requiring GFCI Receptacle.*

200A *	400A *	100A *
2 - 2/0CU (HOT)	Check with State Electrical Inspector	2 - #4CU (HOT)
1 - 1/0CU (NEUT) FACTORY WHITE		1 - #4CU (NEUT) FACTORY WHITE
1 - 4THWCU (GR) FACTORY GREEN		1 - #4THWCU (GR) FACTORY GREEN

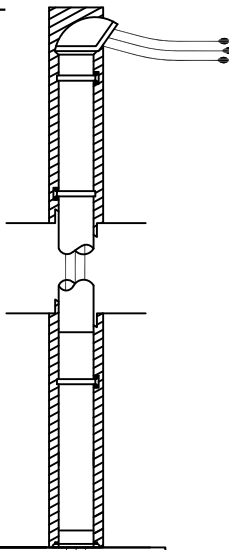
**METER POLE LOCATION MUST BE APPROVED BY FLEC ENGINEERING SERVICE DEPARTMENT PRIOR TO BEING INSTALLED!**

\* IF ALUMINUM CONDUCTOR IS USED, CONDUCTOR MUST BE ONE SIZE LARGER.

TOP OF WEATHER HEAD MUST BE A MINIMUM OF 14 FOOT FROM GROUND LEVEL

FLEC POINT OF DELIVERY  
EXPOSE 2 FOOT OF CONDUCTOR

STRAPS TO BE PLACED AS SHOWN

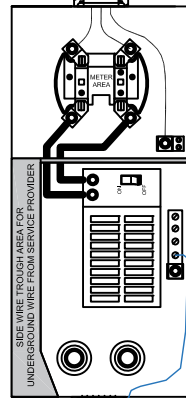


NOTE:  
- EITHER A COMBO METERBASE WITH DISCONNECT (AS SHOWN) OR A STANDARD OVERHEAD METER BASE WITH SEPARATE DISCONNECT CAN BE USED FOR OVERHEAD SERVICE TO AN RV POLE.

- CAN USE EITHER A RINGED OR A RINGLESS METER BASE.

- SEE CLOSE UP ON RIGHT FOR ADDITIONAL INFO

CENTER OF METER SOCKET TO BE 5' TO 6' HIGH FROM FINAL GRADE



- Conduit to plug must be sufficiently strapped.
- Plug must be an approved RV receptacle with weatherproof box.
- Must have a Weatherproof While In Use cover.
- Wiring from disconnect to plug **CAN NOT** be Romex.

## POLE REQUIREMENTS

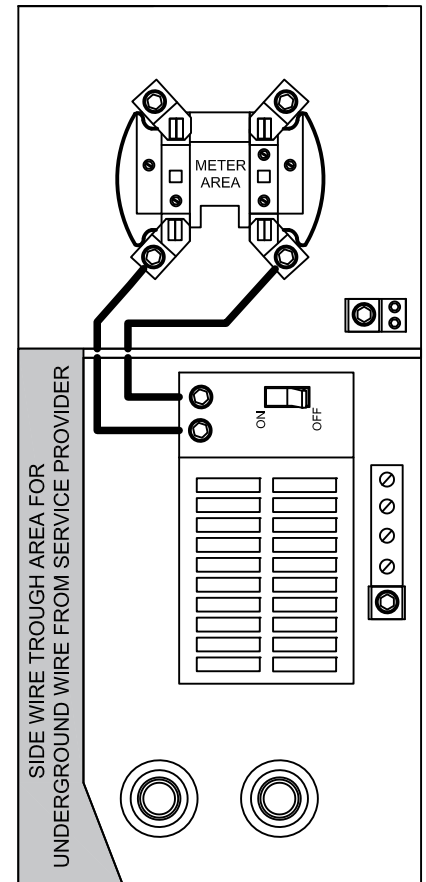
1. POLE MUST BE A MINIMUM 6 X 6 PRESSURE TREATED WOOD POST AT LEAST 20 FOOT LONG. IF ROUND POLE IS USED, SMALL END MUST BE AT LEAST 4 3/4" AT SMALL END AND CAN ONLY BE CREOSOTED OR PRESSURE TREATED
2. POLE MUST BE SET AT A MINIMUM OF 5 FEET DEEP.
3. METERBASE MUST NOT BE MORE THAN 6 FOOT FROM GROUND LEVEL TO CENTER OF METER SOCKET, AND NO CLOSER THAN 5 FOOT FROM FINAL GRADE.
4. #4 BARE COPPER UNBROKEN FROM METER BASE TO A SINGLE 8 FOOT DRIVEN GROUND ROD.

FINAL GRADE

ONE 8' DRIVEN GROUND ROD MEMBER INSTALLED.

LEAVE TOP OF GROUND ROD WITH ACORN TYPE GROUND ROD CLAMP EXPOSED UNTIL AFTER INSPECTION.

Pole set Minimum 5 foot in ground.



**FORT LOUDOUN ELECTRIC COOPERATIVE  
MEMBER OWNED OVERHEAD RV POLE**

Electrical permits can be purchased and scheduled online at <http://www.core.tn.gov>. Be sure to keep all paperwork as you will need it again when its time for scheduling the inspections. You can also visit [www.flec.org](http://www.flec.org) for a list of issuing agents that sell permits over the phone.

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

- ***Any aid of construction fees must be paid before jobs can be released to construction.***
- ***Final state electrical inspection is to be performed before service can be connected.***
- ***Property address must be marked on road and also on the structure being inspected (temp pole, RV pole, house, etc...)***
- ***LOCATION OF RV POLE MUST BE APPROVED BY FLEC'S ENGINEERING SERVICES DEPARTMENT PRIOR TO BEING INSTALLED.***
- ***RV POLES INSTALLED BEFORE PRIOR APPROVAL BY FLEC'S ENGINEERING SERVICES DEPARTMENT COULD BE REQUIRED TO BE RELOCATED.***

***PLEASE CONTACT THE ELECTRICAL INSPECTOR CONCERNING ANY QUESTIONS ON WIRING.***

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