



# FORT LOUDOUN ELECTRIC COOPERATIVE

## Specification For Member Owned URD Meter Pole

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

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

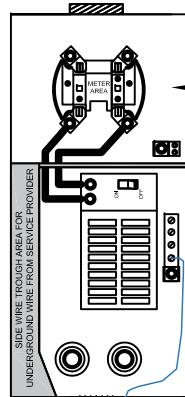
\* IF ALUMINUM CONDUCTOR IS USED, CONDUCTOR MUST BE ONE SIZE LARGER

\*\* IF INSTALLING 100 AMP, ENTIRE SERVICE MUST BE DUG AND ALL CONDUIT AND WIRE INSTALLED BY MEMBER!

**NOTE:**

- EITHER A COMBO METERBASE WITH DISCONNECT (AS SHOWN) OR A SIDEWIRE/OFFSET METER BASE WITH SEPARATE DISCONNECT CAN BE USED

- SEE CLOSE UP ON RIGHT FOR ADDITIONAL INFO



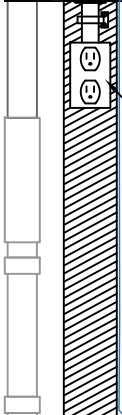
CENTER OF METER SOCKET TO BE 5' TO 6' HIGH FROM FINAL GRADE

### POLE REQUIREMENTS

1. POLE MUST BE A MINIMUM 6 X 6 PRESSURE TREATED WOOD POST AT LEAST 8 FOOT LONG.
2. POLE MUST BE SET AT A MINIMUM OF 3 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.

SCHEDULE 80 CONDUIT MEMBER INSTALLED

EXPANSION COUPLING MEMBER INSTALLED

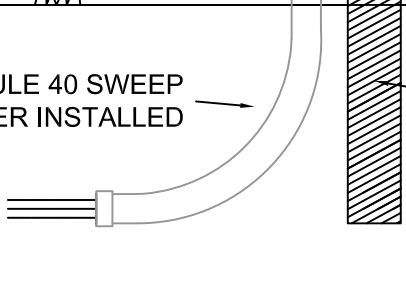


CONDUIT TO PLUGS MUST BE SUFFICIENTLY STRAPPED. PLUG MUST BE AN APPROVED GFCI RECEPTACLE AND WEATHERPROOF BOX WITH A WEATHERPROOF WHILE IN USE COVER

UNBROKEN #4 COPPER GROUND WIRE FROM METER BASE GROUND LUG TO GROUND ROD

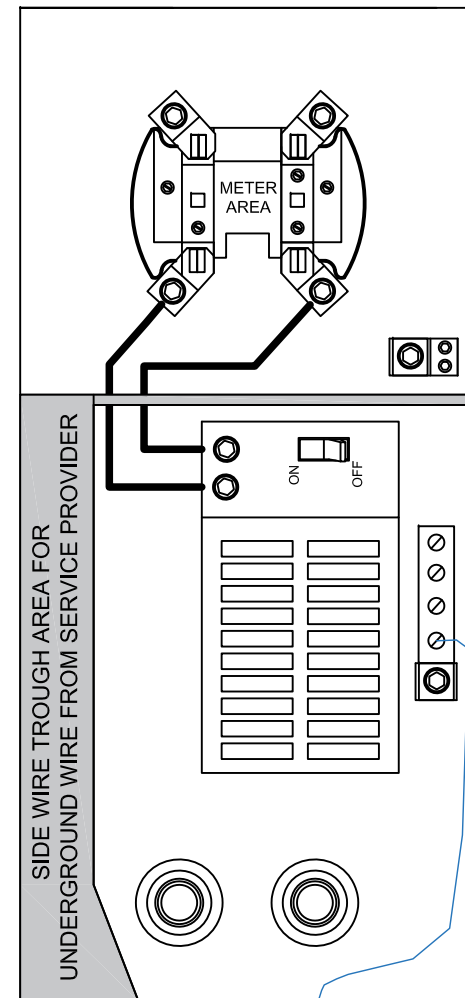
FINAL GRADE

36" SCHEDULE 40 SWEEP MEMBER INSTALLED



6" X 6" POLE MINIMUM 3' DEEP

8' DRIVEN GROUND ROD MEMBER INSTALLED



**FLEC IS A MEMBER OF THE TENNESSEE 811 SYSTEM  
Call before digging to set meter pole and ground rod!**

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## Member Owned URD Meter 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 paid before jobs can be released to construction.*
- *Rough-in inspection on member installed sweep and conduit before service line can be installed.*
- *Final State Electrical Inspection is to be performed after the service line has installed but 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 METER POLE MUST BE APPROVED BY FLEC'S ENGINEERING SERVICES DEPARTMENT PRIOR TO BEING INSTALLED.**
- **METER 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.**