



FORT LOUDOUN ELECTRIC COOPERATIVE

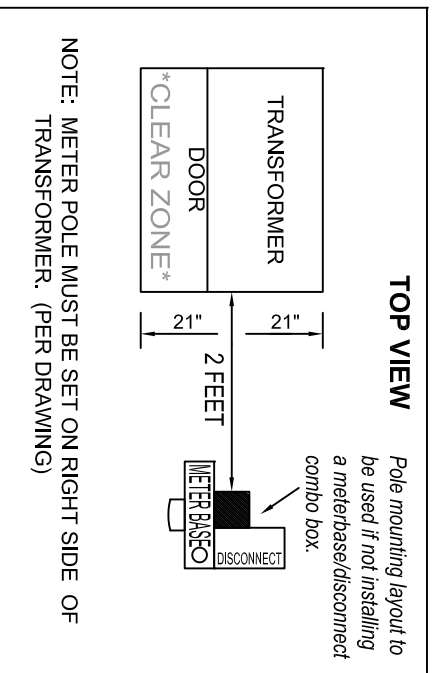
Specification For
Member Owned Temporary Pole
Served From Padmount Transformer

*To Be Used For Construction and Remodeling Only.
Not for permanent Meter Poles or R.V. Poles*

WIRE REQUIREMENTS

1. Wire sizes are for conductor from meterbase to transformer.
2. Wires must be in FLEX SEAL TIGHT CONDUIT.
3. **Customer must provide at least 15 feet of wire and conduit for Fort Loudoun Electric Cooperative employees to install wire into transformer.**
4. Wiring from disconnect to plugs CAN NOT be romex.

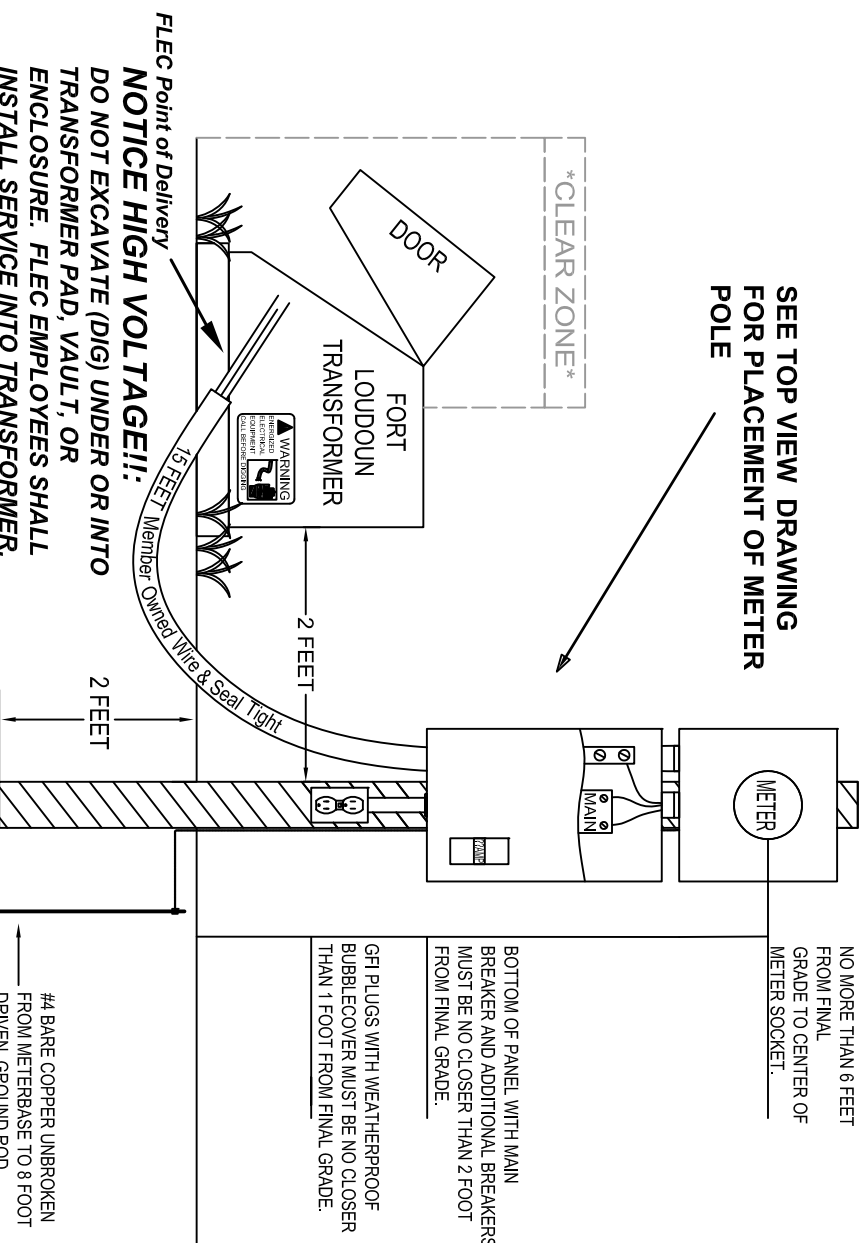
ALUMINUM CONDUCTOR CHART	
200A	100A
(2) - 4/0 (HOT)	(2) - #2 (HOT)
(1) - 2/0 (NEUT.) WHITE	(1) - #4 (NEUT.) WHITE
COPPER CONDUCTOR CHART	
200A	100A
(2) - 3/0 (HOT)	(2) - #2 (HOT)
(1) - 1/0 (NEUT.) WHITE	(1) - #4 (NEUT.) WHITE



POLE REQUIREMENTS

1. POLE MUST BE A MINIMUM 4 X 4 PRESSURE TREAT WOOD POST.
2. POLE MUST BE SET AT A MINIMUM OF 2 FEET DEEP. **POLE MUST BE SET TO THE RIGHT SIDE OF PADMOUNT TRANSFORMER, FREE OF CLEAR ZONE.**
3. POLE SHALL BE EXACTLY TWO (2) FEET FROM TRANSFORMER VAULT (BASE THAT TRANSFORMER SITS ON), TO NEAREST SIDE OF POLE.
4. BOTTOM OF PANEL MUST BE NO CLOSER THAN 2 FOOT FROM FINAL GRADE.
5. BOTTOM OF GFI RECEPTACAL WITH WEATHERPROOF BUBBLE COVER MUST BE NO CLOSER THAN 1 FOOT FROM FINAL GRADE.
6. 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.
7. #4 BARE COPPER UNBROKEN FROM METERBASE TO 8 FOOT DRIVEN GROUND ROD.

SEE TOP VIEW DRAWING FOR PLACEMENT OF METER POLE



FORT LOUDOUN ELECTRIC COOPERATIVE
MEMBER OWNED TEMPORARY POLE
SERVED FROM PADMOUNT TRANSFORMER

STATE ELECTRICAL INSPECTOR :	LARRY MILLER Phone # 423-836-2938 Monday - Thursday 7:00 am to 8:00 am
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Inspection days are: - Monroe Co. - Monday and Wednesday
 - Blount Co. and Loudon Co. - Tuesday and Thursday
 (North of the River Bridge in Vonore)

Inspector is not in office of Fridays and 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 concerning questions about wiring, please call 423-836-2938 between 7:00 am and 8:00 am on Monday thru Thursday.

- ***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 THE 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.