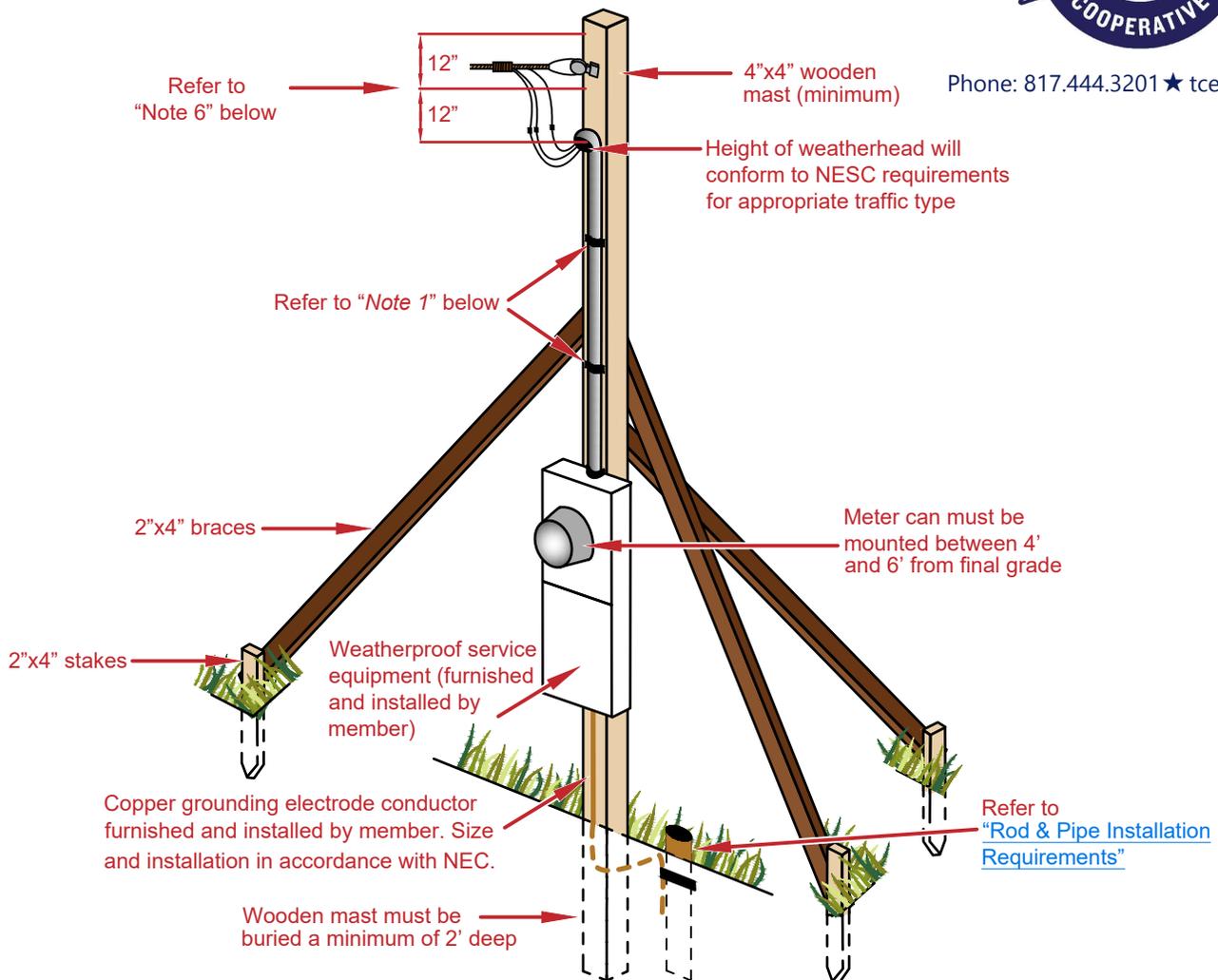


# TEMPORARY METER INSTALLATION

## Overhead Service



Phone: 817.444.3201 ★ [tcectexas.com](http://tcectexas.com)



### NOTES:

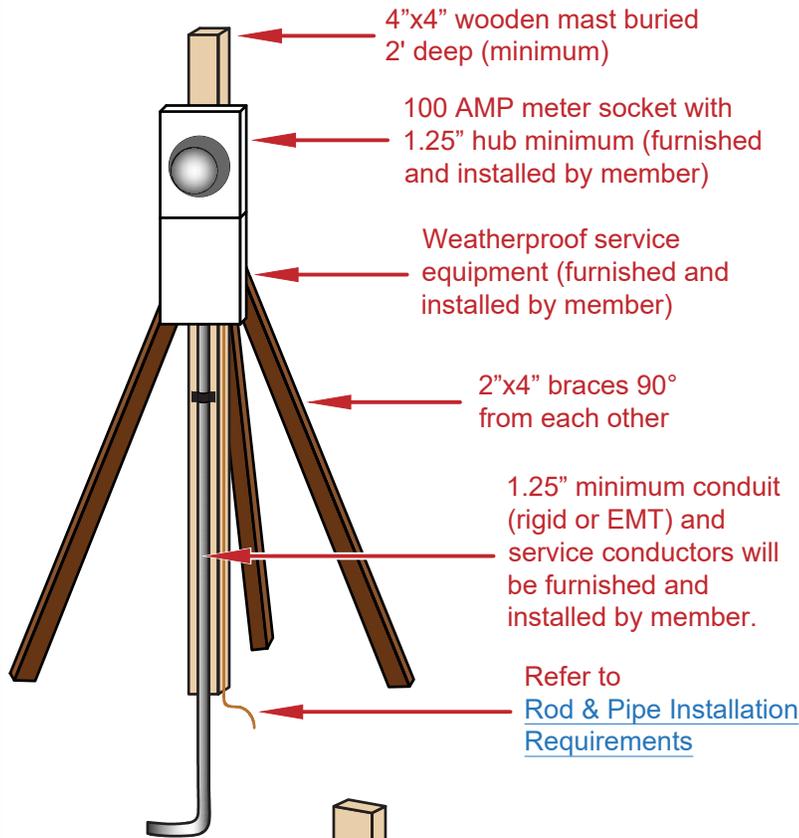
1. Weatherhead shall be supported with 2 hole straps attached with screws and installed within 6"-12" of weatherhead and meter enclosure. Weatherhead will also be no less than 6' and no more than 10' from the top of the meter base.
2. 120 AMP meter socket with 1.25 inch hub, minimum, furnished, installed and wired by member.
3. Weatherhead shall be furnished and installed by member. Weatherhead shall be EMT or rigid and a minimum size of 1.25 inches.
4. Member shall construct the temporary service installation as shown above and maintain it in a safe condition throughout its period of use. Tri-County Electric Co-op reserves the right to disconnect damaged or unsafe temporary service.
5. The temporary service installation must be identified with a proper service address before Tri-County Electric Co-op will install a meter.
6. Service-drop conductors, anchor and connectors may be provided by Tri-County Electric Co-op at cost to member. Must be 12" between top of mast and anchor, and 12" between anchor and weatherhead.
7. Temporary service is intended to provide service for 12 months or fewer. Any temporary service not converted to permanent within 12 months is subject to disconnection if Tri-County Electric Co-op determines the temporary service is being used in a permanent fashion.
8. Proper secondary conductors must be used in meter loop from the weatherhead to main disconnect. Minimum secondary conductor size is #4 aluminum. Service disconnect breaker rating cannot exceed ampacity of service conductor.
9. Member may supply the secondary conductor, which shall be no less than 35' and no more than 40' in length, the size of which must be approved in advance. Temporary pole to be no more than 30' from transformer pole.
10. Member may reuse secondary subject to Tri-County review and inspection.

# TEMPORARY METER INSTALLATION

## Underground Service

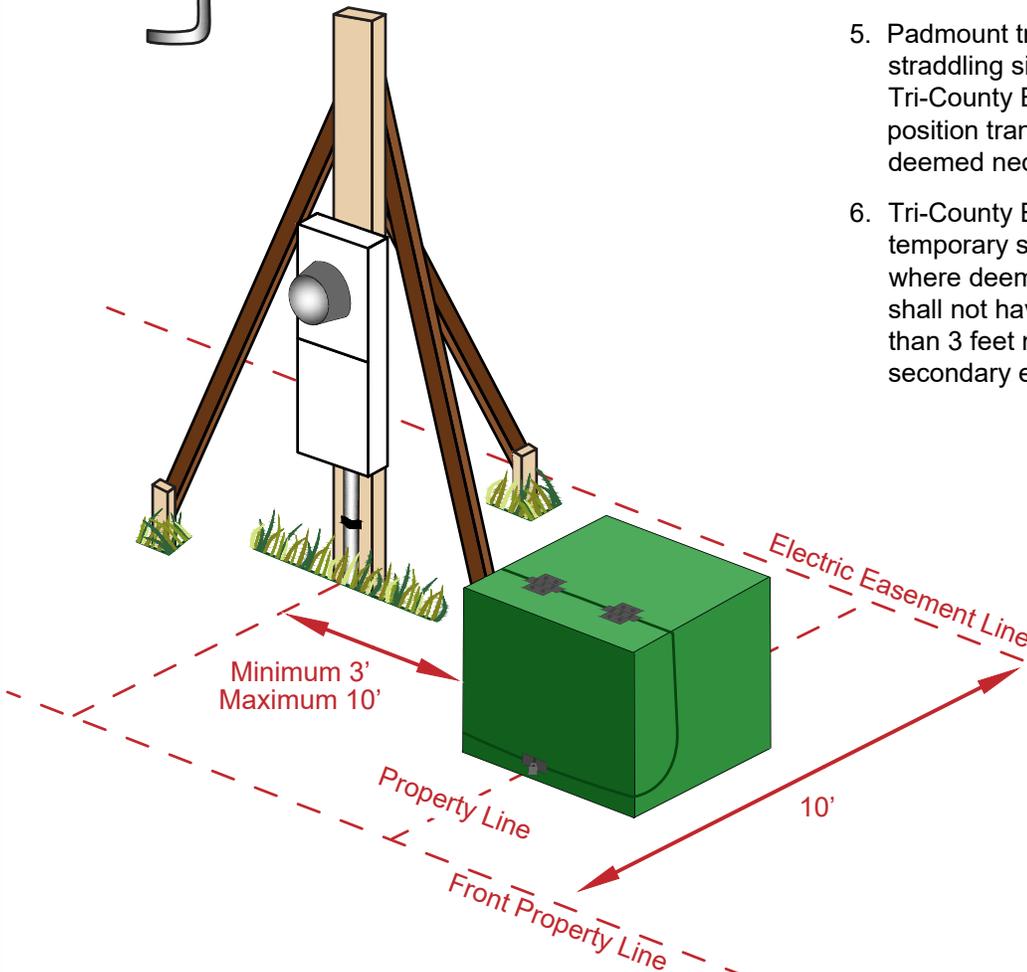


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### NOTES:

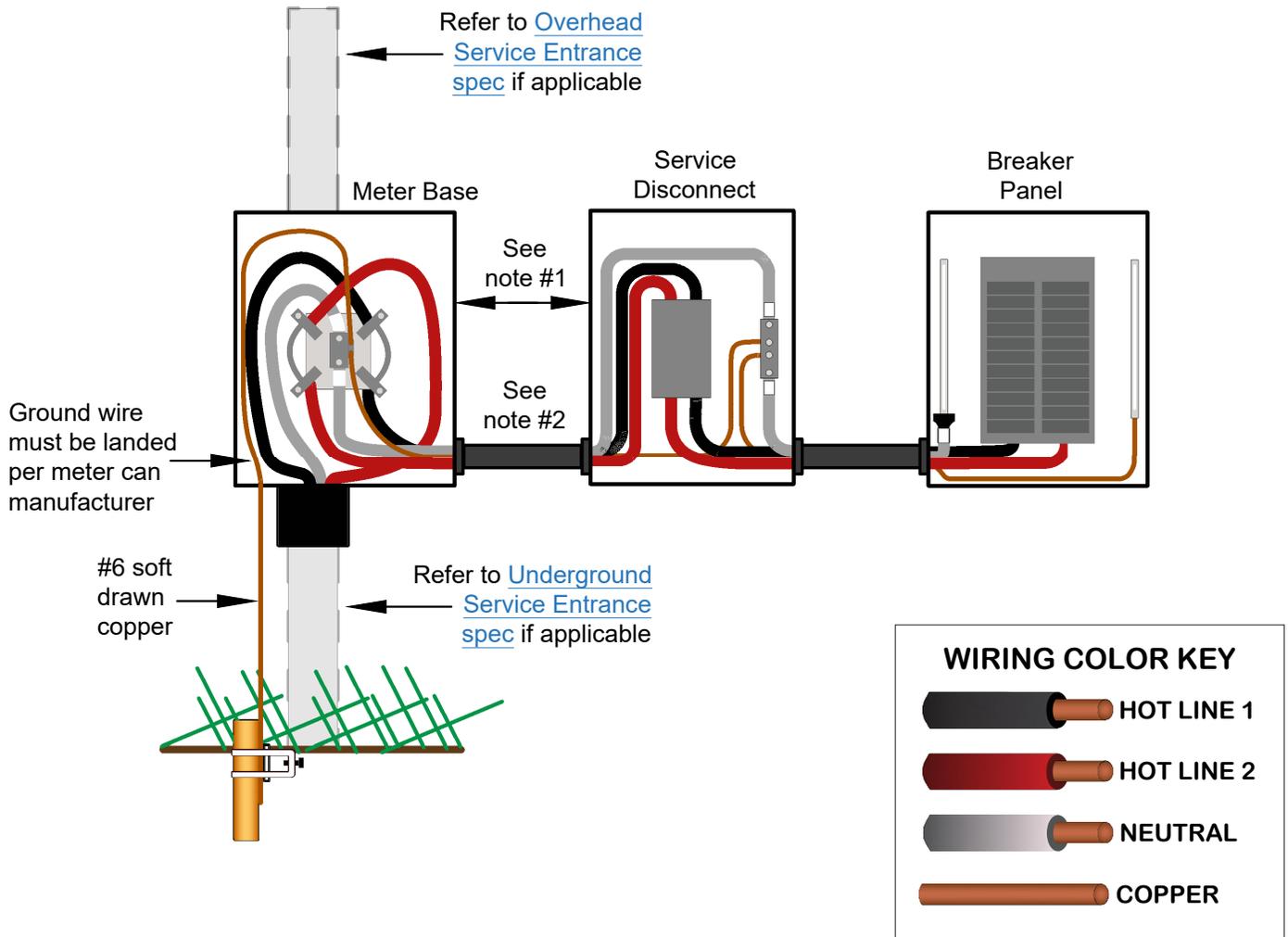
1. Member shall construct the temporary service installation as shown to the left and maintain it in a safe condition throughout its period of use. Tri-County Electric Co-op reserves the right to disconnect damaged or unsafe temporary services.
2. The temporary service installation must be identified with a proper service address before Tri-County Electric Co-op will install a meter.
3. All temporary metering installations will require the member obtaining utility locates from Texas-One-Call to prevent damage to primary or secondary cables and/or gas lines and to help avoid possible personal injury.
4. Copper grounding electrode conductor (furnished and installed by member, size and installation in accordance with NEC). Refer to Rod & Pipe Installation Requirements.
5. Padmount transformers will normally be located straddling side property lines. However, Tri-County Electric Co-op reserves the right to position transformer in other locations, as deemed necessary.
6. Tri-County Electric Co-op may supply temporary service from a secondary enclosure where deemed necessary and such installation shall not have temporary service placed closer than 3 feet not more than 10 feet from the secondary enclosure.
7. Temporary service is intended to provide service for 12 months or fewer. Any temporary service not converted to permanent within 12 months is subject to disconnection if Tri-County Electric Co-op determines the temporary service is being used in a permanent fashion.
8. Service whip must be long enough to reach secondary terminals of the transformer.
9. Minimum secondary conductor size is #4 aluminum. Service disconnect breaker rating cannot exceed ampacity of service conductor.





# METER CAN BONDING

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## NOTES:

1. Service disconnect must be outside and within 3' of meter.
2. Conduit between the meter and service disconnect must be rigid metal conduit or EMT.
3. Refer to the [Installation Requirements: Rod + Pipe Electrodes spec](#) for ground rod installation guidelines.
4. Pull out fuses are not acceptable as a service disconnect.

# Rod and Pipe Electrodes

## Installation Requirements



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The electrode (rod) shall be installed such that at least 8 feet of length is in contact with the soil. It shall be driven to a depth of not less than 8 feet except, where rock bottom is encountered, the electrode shall be driven at an angle not to exceed 45 degrees. The electrode shall be permitted to be buried in a trench that is at least 24 inches deep (only if it cannot be installed vertically or at a 45° angle). The upper end of the electrode shall be flush with ground level and visible to TCEC.

