

MEMBER METER POLE

Be sure all items shown below are on the meter pole **before** contacting the office for connection of electric service.

- Correct meter base
- Conduit extended to height of 6'5" above top of meter base
 - On 100-AMP service: 1 1/4" EMT conduit
 - On 200-AMP service: 2" EMT conduit
 - On 320-AMP service: 3" EMT conduit
- Weatherhead
- Correct copper wire size must be used between the weatherhead and the line side of the meter base and from the load side of the meter base to the main disconnect:
 - 100-AMP service: #2 copper or 2/0 aluminum on both line and neutral
 - 200-AMP service: 2/0 copper or 4/0 aluminum on both line and neutral
 - 300-AMP service: 350 MCM copper or 500 MCM aluminum, on both line and neutral
- Main disconnect no larger than rating on meter base
- Ground wire clamped to ground rod
- Neutral wire marked
- Meter loop must be faced in a direction that will allow easy access

NOTES:

1. Service drop provided and installed by Tri-County Electric Co-op
2. Service attachment provided and installed by Tri-County Electric Co-op
3. Meter sockets must conform to specifications furnished by Tri-County Electric Co-op
4. Service entrance conductor's and service raceway provided and installed by member. Conductors extend 36" minimum outside of weatherhead. Neutral wire must be properly identified
5. Members provide and install conduit straps and meter socket. Creosote pole or equal to be a minimum diameter of 6" at top of pole and a minimum height of 17'. Drop loop minimum clearance is 10' from finished grade.
6. Pole to be set a minimum depth of 4' with tamped earth or concrete as backfill
7. Member installation must comply with National Electric Code and applicable city ordinance
8. Plastic (PVC) conduit and clamps **will not** be accepted for use between the main disconnect, meter base, and weatherhead.
9. If a request is made to connect service and the member meter pole fails to meet required specifications, Tri-County Electric Co-op will not connect service and the member will be billed additional trip charge to connect service once corrections have been made.
10. A #6 copper bond wire must be installed between the breaker box and meter base. An external breaker below or beside the meter base is required if the distance between meter base and panel exceeds 3 feet. Refer to [Meter Can Bonding spec](#)

