



NOTES

1. MEMBER PROVIDES AND INSTALLS: SERVICE ENTRANCE CONDUCTORS, CONDUITS, WEATHER-HEAD, SERVICE DISCONNECT SWITCH, GROUND ROD, WIRE, AND ALL RELATED MATERIALS. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. COOPERATIVE PROVIDES AND INSTALLS METER AND SERVICE DROP CONDUCTORS, AND MAKES CONNECTIONS AT THE WEATHER-HEAD.
3. THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE.
4. ALL CONDUITS SHALL BE ELECTRICAL GRADE PVC, EMT, IMC, OR RMC. ALL CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT. WEATHER-HEAD MATERIAL SHOULD BE OF THE SAME MATERIAL AS CONDUIT.
5. A MINIMUM OF 2'-0" OF EACH CONDUCTOR SHALL EXTEND FROM THE WEATHER-HEAD. THE NEUTRAL SHALL BE MARKED WITH WHITE TAPE ON BOTH ENDS. SEE TABLE BELOW.
6. MINIMUM OF 3 FEET OF CLEARANCE BETWEEN ELECTRIC METER AND GAS METER.
7. POINT OF ATTACHMENT SHALL BE ACCESSIBLE TO COOPERATIVE'S BUCKET TRUCK.
8. A GROUNDING CONDUCTOR EXPOSED TO PHYSICAL DAMAGE SHALL BE PROTECTED IN CONDUIT PER NEC 250.64(B)(2)
9. THE DISCONNECTING MEANS SHOULD BE INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION. IF MORE THAN ONE DISCONNECTING MEANS ARE PROVIDED THEY SHALL BE GROUPED PER NEC 230.85.
10. POWER SUPPLY AFTER THE MAIN DISCONNECT SHALL BE A 4 WIRE SYSTEM INCLUDING A GROUNDING WIRE AND NEUTRAL WIRE. THE SERVICE SHALL MEET ALL NEC REQUIREMENTS.
11. OVERHEAD LINE CAN NOT CROSS RESIDENTIAL DRIVEWAYS, PUBLIC DRIVEWAYS, ALLEYS, ROADS, OR OTHER AREAS SUBJECT TO TRUCK & CONSTRUCTION TRAFFIC.
12. ONLY THE COOPERATIVE'S CONDUCTORS AND MEMBERS SERVICE ENTRANCE CONDUCTORS ALLOWED IN METER BASE. METER BASE CANNOT BE USED AS A PASS THROUGH FOR OTHER CONDUCTORS. REFER TO SPEC-0000004 FOR METER BASE CONDUCTOR CONNECTION DETAIL.

NOTICE

THIS DRAWING ILLUSTRATES AVECC REQUIREMENTS ONLY, AND IS NOT INTENDED TO BE A COMPREHENSIVE GUIDE FOR THE INSTALLATION OF AN ELECTRICAL SERVICE. TO INSURE A SAFE, QUALITY INSTALLATION THAT COMPLIES WITH THE NATIONAL ELECTRICAL CODE, AND LOCAL CODE REQUIREMENTS; THE COOPERATIVE RECOMMENDS THAT ALL WORK BE DONE BY A QUALIFIED, LICENSED ELECTRICAL CONTRACTOR.



**ARKANSAS VALLEY ELECTRIC
COOPERATIVE COOPERATION**

**TITLE
100 AMPERE METER POLE
INSTALLATION**

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