



**NOTES**

1. MEMBER PROVIDES AND INSTALLS: CONDUIT, SUPPORT BEAM, DISCONNECT SWITCH, GROUND ROD AND WIRE, AND ALL RELATED MATERIALS. METER BASE IS SUPPLIED BY AVECC AND INSTALLED BY THE MEMBER/ELECTRICIAN. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE CURRENT VERSION OF THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. COOPERATIVE PROVIDES AND INSTALLS METER, TRANSFORMER, PRIMARY CONDUCTORS TO THE TRANSFORMER, AND TERMINATES BOTH PRIMARY AND SECONDARY CONDUCTORS WITHIN THE TRANSFORMER.
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, EMC, IMC, OR RMC. ALL CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT.
5. MINIMUM OF 3 FEET OF CLEARANCE BETWEEN ELECTRIC METER AND GAS METER. 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.
6. THE SERVICE ENTRANCE PANEL/DISCONNECT SHALL BE GROUNDED PER THE NATIONAL ELECTRIC CODE BEFORE COOPERATIVE WILL INSTALL SERVICE AND METER. IF EXPOSED TO PHYSICAL DAMAGE THE GROUND WIRE SHALL BE PROTECTED IN CONDUIT PER NEC 250.64(B)(2).
7. SERVICE ENTRANCE DISCONNECTS SHALL BE EITHER FUSED OR BREAKER TYPE, RATED FOR SERVICE ENTRANCE. IF MORE THAN ONE DISCONNECTING MEANS ARE PROVIDED THEY SHALL BE GROUPED PER NEC 230.85.
8. 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.

**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 AMP UNDERGROUND  
TEMPORARY POLE INSTALLATION**

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