



**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.

**MAKE AN ARKANSAS ONE CALL  
48 HOURS BEFORE YOU DIG  
DIAL 1-800-482-8998**

IT SHALL BE A MEMBER'S RESPONSIBILITY TO STAY CLEAR OF ALL UNDERGROUND FACILITIES

**NOTES**

1. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. MEMBER/ELECTRICIAN PROVIDES AND INSTALLS THE MOUNTING RACK, 1" CONDUIT WITH A PULL STRING, AND ALL RELATED MATERIALS. METER BASE IS PROVIDED BY AVECC AND INSTALLED BY THE MEMBER/ELECTRICIAN.
3. COOPERATIVE PROVIDES AND INSTALLS THE METER AND THE METERING CONDUCTORS FROM THE COOPERATIVE'S SOURCE TO THE METER.
4. THIS METER RACK SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE.
5. MEMBER IS RESPONSIBLE FOR OPENING AND CLOSING THE TRENCH FROM THE COOPERATIVE'S SOURCE TO THE METER RACK.
6. MOUNTING RACK VERTICAL POSTS MUST BE A MINIMUM OF 2" SCHEDULE 80 WEATHERPROOF STEEL PIPE, 4" ROUND TREATED POSTS, OR 4" X 4" TREATED POSTS. POST MUST BE SET 36" DEEP. STEEL POST MUST BE SET IN CONCRETE. POSTS MUST BE SPACED TO PROVIDE STABLE MOUNTING FOR THE EQUIPMENT. MOUNTING RACK CROSS-MEMBERS MUST BE WEATHERPROOF STEEL OR TREATED WOOD OF SUFFICIENT NUMBER, SIZE, STRENGTH, AND SPACING TO PROVIDE STABLE MOUNTING OF THE ELECTRICAL ENCLOSURES. ALTERNATE RACK MATERIAL MAY BE ACCEPTABLE WITH PRIOR APPROVAL FROM AVECC.
7. ALL ABOVE GROUND CONDUITS SHALL BE ELECTRICAL GRADE SCHEDULE 80 PVC, EMT, IMC, OR RMC. ALL CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT.
8. MEMBER SHALL PROVIDE PROTECTIVE METAL PIPE BARRIER IF METER RACK IS SUBJECT TO VEHICULAR TRAFFIC. 3'-0" CLEARANCE TO BE MAINTAINED IN FRONT OF ELECTRICAL ENCLOSURES.
9. 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.



**ARKANSAS VALLEY ELECTRIC  
COOPERATIVE COOPERATION**

**TITLE  
METER RACK FOR  
SERVICE WITH CT'S IN TRANSFORMER**

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