



**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

EQUIPMENT MOUNTING RACK, SEE NOTE 8.

CONTROL EQUIPMENT - IF THIS EQUIPMENT INCLUDES A SERVICE DISCONNECT, A SEPARATE SERVICE DISCONNECT IS NOT REQUIRED.

NOTE: ALL MATERIALS, EQUIPMENT, AND CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT. ANY RECEPTACLES MUST BE WEATHERPROOF AND GFCI PROTECTED.

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.

NOTES

1. MEMBER PROVIDES AND INSTALLS THE POLE, MOUNTING RACK, SERVICE ENTRANCE CONDUCTORS, CONDUITS, WEATHERHEAD, SERVICE DISCONNECT SWITCH, GROUND ROD AND WIRE, AND ALL RELATED MATERIALS. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND ANY AUTHORITIES HAVING JURISDICTION. MEMBER/ELECTRICIAN INSTALLS CT CABINET AND METER BASE PROVIDED BY AVECC.
2. COOPERATIVE PROVIDES AND INSTALLS THE METER, THE SERVICE DROP CONDUCTORS, AND TERMINATES AT THE WEATHERHEAD.
3. THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE. THE LOCATION SHOULD BE IMMEDIATELY ADJACENT TO A ROADWAY OR DRIVE WHICH IS EASILY ACCESSIBLE AT ALL TIMES BY COOPERATIVE VEHICLES WITHOUT HAVING TO CROSS YARDS, FIELDS, DITCHES, OR AREAS SUBJECT TO FLOOD OR IRRIGATION.
4. ALL CONDUITS SHALL BE ELECTRICAL GRADE SCHEDULE 40 MINIMUM PVC, EMT, IMC, OR RIGID. ALL CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT.
5. RISER CONDUIT SHALL BE AT LEAST 8' IN LENGTH WITH 2 CONDUIT STRAPS REQUIRED. STRAPS MUST BE PLACED WITHIN 12" OF THE TOP AND AT THE MIDPOINT OF THE CONDUIT.
6. A MINIMUM OF 24" OF CONDUCTOR SHALL EXTEND FROM WEATHERHEAD. NEUTRAL CONDUCTOR SHALL BE MARKED WITH WHITE TAPE AT BOTH ENDS.
7. MEMBER INSTALLED 1/2" GALVANIZED STEEL EYE BOLT WITH 2" X 2" SQUARE WASHER REQUIRED.
8. POLE FOR SERVICE DROP ATTACHMENT MUST BE MINIMUM 6" TREATED WOOD OR 6" SCHEDULE 40 WEATHERPROOF STEEL SET IN CONCRETE. POLE LENGTH SHALL BE MINIMUM 18' OR 22' DEPENDING ON WEATHERHEAD HEIGHT. VERTICAL POST MUST BE MINIMUM 4" ROUND OR 4" X 4" TREATED POSTS, OR 2" SCHEDULE 40 WEATHERPROOF STEEL SET IN CONCRETE. POSTS MUST BE SPACED TO PROVIDE STABLE MOUNTING FOR EQUIPMENT. 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.
9. MEMBER INSTALLS METER BASE ON DOOR OF CT CABINET WITH 1" NIPPLE THROUGH THE DOOR. REFER TO DRAWING SPEC-000014 FOR DETAIL. LEAVE 3 FOOT TAIL ON SERVICE WIRES. WIRES SHALL BE COLOR CODED PER NEC STANDARDS.



**ARKANSAS VALLEY ELECTRIC
COOPERATIVE COOPERATION**

TITLE		
OVERHEAD CT METER AND EQUIPMENT RACK (IRRIGATION SERVICE) 3 PHASE SERVICE & 480V SINGLE PHASE		
DWG#: SPEC-000012	DATE: 06.08.17	SCALE: NTS
DRAWN BY: JDC	REV: 0	REV. DATE: N/A