



NOTES

1. MEMBER PROVIDES AND INSTALLS THE MOUNTING RACK, RISER CONDUIT, METER SOCKET, 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.
2. COOPERATIVE PROVIDES AND INSTALLS THE METER AND THE SERVICE LATERAL CONDUCTORS FROM THE COOPERATIVE'S SOURCE TO THE METER.
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. MEMBER PROVIDES TRENCH (NO DITCH WITCH ALLOWED) AND ANY REQUIRED CONDUIT FROM THE SERVICE TO THE COOPERATIVE'S SOURCE.
5. ALL ABOVE GROUND CONDUITS SHALL BE ELECTRICAL GRADE SCHEDULE 80 PVC, EMT, IMC, OR RMC. ALL CONDUITS SHALL BE RAIN-TIGHT.
6. ALL MATERIAL AND WORKMANSHIP SHALL COMPLY WITH LATEST EDITION OF THE NATIONAL ELECTRIC CODE. POWER SUPPLY AFTER THE MAIN DISCONNECT SHALL BE A 4 WIRE SYSTEM INCLUDING A GROUNDING WIRE AND NEUTRAL WIRE.
7. MEMBER PROVIDES A 24" DEEP BY 12" WIDE TRENCH (DITCH WITCH NOT ALLOWED) AND SCHEDULE 80 PVC 36" SWEEP ELBOW WITH END-BELL AND SCHEDULE 80 PVC RISER CONDUIT TO THE METER.
8. MOUNTING RACK VERTICAL POSTS MUST BE A MINIMUM OF 3" SCHEDULE 40 WEATHERPROOF STEEL PIPE, 6" ROUND TREATED POSTS, OR 4"x4" TREATED POSTS. POSTS MUST BE SET 36" DEEP. STEEL POSTS SHOULD 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.
9. TWO DISCONNECTS MAY BE SERVED FROM ONE METER SO LONG AS COMBINED DISCONNECT AMPERE RATING DOES NOT EXCEED THE RATING OF THE METER. IF MORE THAN ONE DISCONNECTING MEANS ARE NEEDED THEY SHALL BE GROUPED PER NEC 230.85. SERVICE DISCONNECT BOXES MUST NOT BE USED AS A FEED THROUGH BOX. EACH DISCONNECT MUST HAVE A SEPARATE CONDUIT TO METER.
10. THE DISCONNECT SHALL BE GROUNDED PER THE NATIONAL ELECTRIC CODE BEFORE THE COOPERATIVE WILL INSTALL THE SERVICE AND METER. IF EXPOSED TO PHYSICAL DAMAGE THE GROUND WIRE SHALL BE PROTECTED IN CONDUIT PER NEC 250.64(B)(2).
11. MAINTAIN 3'-0" WORKING CLEARANCE AROUND METER RACK.
12. MEMBER SHALL PROVIDE PROTECTIVE METAL PIPE BARRIER IF METER RACK IS SUBJECT TO VEHICULAR TRAFFIC.
13. 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.



ARKANSAS VALLEY ELECTRIC COOPERATIVE COOPERATION

TITLE
UNDERGROUND METER AND
EQUIPMENT RACK
UP TO 320 AMPS

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