



- NOTES**
1. MEMBER PROVIDES AND INSTALLS: CONDUIT, PEDESTAL, 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 AND SERVICE LATERAL CONDUCTORS FROM AVECC TRANSFORMER OR SECONDARY PEDESTAL TO THE METER SOCKET.
  3. THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE.
  4. MEMBER SHALL INSTALL SCHEDULE 80 PVC RISER AND SWEEPING ELBOW, OPEN, AND CLOSE DITCH. DITCH MINIMUM IS 24" DEEP BY 12" WIDE.
  5. ABOVE GROUND CONDUITS SHALL BE ELECTRICAL GRADE EMT, IMC, RMC, OR SCHEDULE 80 PVC. METER RISER SHALL BE SCHEDULE 80 PVC.
  6. UNDERGROUND CONDUIT SHALL BE ELECTRICAL GRADE SCHEDULE 40 OR SCHEDULE 80 PVC. ALL ELBOWS SHALL BE SCHEDULE 80 PVC. SEE TABLE BELOW FOR CONDUIT SIZE.
  7. CONSULT THE COOPERATIVE FOR SERVICE RATED OVER 320AMPS. 240 VOLT MAX SYSTEM VOLTAGE WITH THIS SERVICE TYPE.

**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.

SERVICE RATING	MEMBER INSTALLATION MINIMUM WIRE AND CONDUIT SIZE		ALUMINUM PER NEC	COPPER PER NEC	NEUTRAL	GROUND WIRE SIZE
	CONDUIT SIZE 1 PHASE	CONDUIT SIZE 3 PHASE				
100A	3"	3"	#2	#4	SAME AS PHASE	#6 CU
200A	3"	3"	4/0	2/0	SAME AS PHASE	#4 CU
320A	SEE NEC	SEE NEC	SEE NEC	SEE NEC	SEE NEC	#2 CU



ARKANSAS VALLEY ELECTRIC  
COOPERATIVE COOPERATION

TITLE  
METER PEDESTAL  
SINGLE OR THREE PHASE SERVICE UP TO 320A

DWG#: SPEC-0000010	DATE: 06.06.17	SCALE: NTS
DRAWN BY: JDC	REV: 0	REV. DATE: N/A