OZARK 1-800-468-2176 : WALDRON 1-800-468-2152 : POCOLA 1-800-468-2419 : VAN BUREN 1-800-486-9910 METER BASE PROVIDED BY PEDESTAL MINIMUM 6" X 6" TREATED AVECC, INSTALLED WOOD POST OR EQUIVALENT REQUIRED. BY MEMBER/ELECTRICIAN MOUNT TOP OF METER BASE WITHIN 6" TO TOP MAKE AN ARKANSAS ONE CALL OF POLE **48 HOURS BEFORE YOU DIG** NOTE: ALL MATERIALS, EQUIPMENT, DIAL 1-800-482-8998 4'-0" MIN. AND CONDUIT CONNECTIONS SHALL BE 6'-0" MAX. RAINTIGHT, ANY RECEPTACLES MUST BE WEATHERPROOF AND GFCI DISCONNECT SWITCH REQUIRED. SEE PROTECTED. NEC 550.32 FOR MOBILE HOMES SERVICE. IT SHALL BE A MEMBER'S RESPONSIBILITY TO STAY CLEAR OF ALL UNDERGROUND FACILITIES NOTE: MEMBER'S CONDUCTORS SHALL BE IN CONDUIT FROM THE 18" MIN. **DISCONNECT BOX TO 24" BELOW SEE NEC 300.50** 24" MIN. TO TOP OF CONDUIT GRADE. 12" MIN. DITCH WIDTH 36" MIN. TO MEMBER'S LOAD TO COOPERATIVE'S MEMBER INSTALLED GROUND WIRE SOURCE STAPLED TO POST. 5/8" X8'-0" COPPER-CLAD GROUND ROD INSTALLED FLUSH

## **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.

SWEEPING ELBOW,

**SCHEDULE 80 PVC** 

- 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.

	MEMBER INSTALLATION MINIMUM WIRE AND CONDUIT SIZE						
SERVICE			ALUMINUM		NEUTRAL	GROUND	
RATING	0 0 1 1 1 1		PER NEC			WIRE SIZE	
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	

## **NOTICE**

OR SLIGHTLY BELOW GRADE, AND CLAMP

REQUIRED. SEE TABLE BELOW

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 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