

MEMBER INSTALLATION MINIMUM WIRE AND CONDUIT SIZE						
SERVICE RATING	CONDUIT SIZE		ALUMINUM PER NEC	COPPER PER NEC	NEUTRAL	GROUND WIRE SIZE
	Overhead	Underground				
60A	1"	3"	#8	#6	SEE NEC	#6 CU
100A	1-1/2"	3"	#2	#4	SEE NEC	#6 CU
200A	2"	3"	4/0	2/0	SEE NEC	#4 CU
320A	3"	3"	500 kcmil	350 kcmil	SEE NEC	#2 CU
LARGER	SEE NEC	SEE NEC	SEE NEC	SEE NEC	SEE NEC	SEE NEC

APPROVED 200 AMP RESIDENTIAL METER BASES	
METER BASE	METER BASE DISCONNECT COMBO
U7043-XL-TG	U5844-PXL-200
U7043-XL-TG-ARV	RC816-R200-CH
T-SR213-8C	
U-4532-XL	
U1252-X-K1	
U1252-X-K3	

**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

**NOTICE**

THESE DRAWING ILLUSTRATE AVECC REQUIREMENTS ONLY, AND ARE 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. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE CURRENT VERSION OF THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. THE SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE.
3. THE METER BASE IS FOR SERVICE ENTRY WIRE ONLY. THE METER BASE CANNOT BE USED AS A PASS THROUGH OR JUNCTION BOX.
4. FOR ANY SERVICE GREATER 320 AMPS CONSULT THE COOPERATIVE.
5. THE SERVICE ENTRANCE PANEL/DISCONNECT SHALL BE GROUNDED PER THE NATIONAL ELECTRIC CODE BEFORE COOPERATIVE WILL INSTALL THE SERVICE AND METER.
6. THE DISCONNECTING MEANS SHALL BE INSTALLED AT A READILY ACCESSIBLE LOCATION OUTSIDE OF A BUILDING AND WITHIN 3' OF THE METER BASE. IF MORE THAN ONE DISCONNECTING MEANS ARE PROVIDED THEY SHALL BE GROUPED PER NEC 230.85. THE DISCONNECTS SHALL BE EITHER FUSED OR BREAKER TYPE, AND SERVICE ENTRANCE RATED.



**ARKANSAS VALLEY ELECTRIC  
COOPERATIVE COOPERATION**

TITLE  
GENERAL REQUIRMENTS

DWG#: SPEC-0000014	DATE: 06.08.17	SCALE: NTS
DRAWN BY: AD	REV: 1	REV. DATE: 5.09.23