

TOP OF WEATHERHEAD MAST  
MUST BE FLUSH WITH  
TOP OF POLE

WEATHERHEAD, REFER TO  
TABLE FOR SIZE

CONDUIT & STRAPS, REFER  
TO TABLE FOR SIZE

METER BASE INSTALLED BY  
MEMBER/ELECTRIAN  
SEE NOTE 12

DISCONNECT: BREAKER  
TYPE WITH RAINTIGHT BOX.  
BREAKER SIZE DEPENDANT  
UPON MEMBER, REFER TO  
TABLE FOR OPTIONS

IT SHALL BE A MEMBER'S  
RESPONSIBILITY TO STAY CLEAR  
OF ALL UNDERGROUND FACILITIES

5'-0" MINIMUM  
6'-0" MAXIMUM

**MAKE AN ARKANSAS ONE CALL  
48 HOURS BEFORE YOU DIG  
DIAL 1-800-482-8998**

4'-0" MINIMUM

**PRESSURE TREATED - PENTA POLE:**

1. ROUND ( 5" MINIMUM DIAMETER  
AT TOP) OR SQUARE (5"X5"  
MINIMUM)
2. 16'-0" LENGTH MINIMUM, SET  
4'-0" IN GROUND

**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.

ADDITIONAL SUPPORT MAY BE REQUIRED, IT IS THE  
MEMBER'S RESPONSIBILITY TO SECURE POLE  
AS WELL AS THE ELECTRICAL ENCLOSURES

4" LENGTH CONDUIT NIPPLE, REFER TO TABLE THIS  
SHEET FOR CONDUIT DIAMETER

BARE GROUND WIRE, REFER TO TABLE FOR SIZE  
SEE NOTE 8

5/8" X 8'-0" COPPER CLAD  
GROUND ROD & GROUND CLAMP  
SHALL BE INSTALLED FLUSH OR  
JUST BELOW GRADE.

**NOTES**

1. MEMBER PROVIDES AND INSTALLS: SERVICE ENTRANCE CONDUCTORS, CONDUITS, WEATHER-HEAD, SERVICE DISCONNECT SWITCH, GROUND ROD, WIRE, AND ALL RELATED MATERIALS. ALL WORK SHALL COMPLY WITH COOPERATIVE STANDARDS, THE NATIONAL ELECTRIC CODE, AND AUTHORITIES HAVING JURISDICTION.
2. COOPERATIVE PROVIDES AND INSTALLS METER AND SERVICE DROP CONDUCTORS, AND MAKES CONNECTIONS AT THE WEATHER-HEAD.
3. THIS SERVICE SHALL BE INSTALLED AT A LOCATION MUTUALLY AGREED UPON BY THE MEMBER AND THE COOPERATIVE.
4. ALL CONDUITS SHALL BE ELECTRICAL GRADE PVC, EMT, IMC, OR RMC. ALL CONDUIT CONNECTIONS SHALL BE RAIN-TIGHT. WEATHER-HEAD MATERIAL SHOULD BE OF THE SAME MATERIAL AS CONDUIT.
5. A MINIMUM OF 2'-0" OF EACH CONDUCTOR SHALL EXTEND FROM THE WEATHER-HEAD. THE NEUTRAL SHALL BE MARKED WITH WHITE TAPE ON BOTH ENDS.
6. MINIMUM OF 3 FEET OF CLEARANCE BETWEEN ELECTRIC METER AND GAS METER.
7. POINT OF ATTACHMENT SHALL BE ACCESSIBLE TO COOPERATIVE'S BUCKET TRUCK.
8. THE SERVICE ENTRANCE PANEL/DISCONNECT SHALL BE GROUNDED PER THE NATIONAL ELECTRIC CODE BEFORE COOPERATIVE WILL INSTALL SERVICE AND METER. IF EXPOSED TO PHYSICAL DAMAGE THE GROUND WIRE SHALL BE PROTECTED IN CONDUIT PER NEC 250.64(B)(2).
9. IF MORE THAN ONE DISCONNECTING MEANS ARE PROVIDED THEY SHALL BE GROUPED PER NEC 230.85. SERVICE ENTRANCE DISCONNECTS SHALL BE EITHER FUSED OR BREAKER TYPE, RATED FOR SERVICE ENTRANCE.
10. POWER SUPPLY AFTER THE MAIN DISCONNECT SHALL BE A 4 WIRE SYSTEM INCLUDING A GROUNDING WIRE AND NEUTRAL WIRE. THE SERVICE SHALL MEET ALL NEC REQUIREMENTS.
11. OVERHEAD LINE CAN NOT CROSS RESIDENTIAL DRIVEWAYS, PUBLIC DRIVEWAYS, ALLEYS, ROADS, OR OTHER AREAS SUBJECT TO TRUCK & CONSTRUCTION TRAFFIC.



**ARKANSAS VALLEY ELECTRIC  
COOPERATIVE COOPERATION**

TITLE

**SMALL LOAD OR TEMPORARY  
METER POLE INSTALLATION**

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