

# Appalachian Electric Cooperative

## Electrical Service Installation Guide

### Campers and Park Model RVs To Meter Pole

100-200 Amp, 120/240 Volt Single Phase

Install eye bolt 9 inches from top of pole (eye bolt can be picked up at AEC Service Dept.)

Point of attachment **minimum** of 12 feet 6 inches above ground level. If properly installed, the attachment point will be 14 feet 9 inches above ground level.

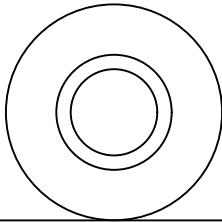
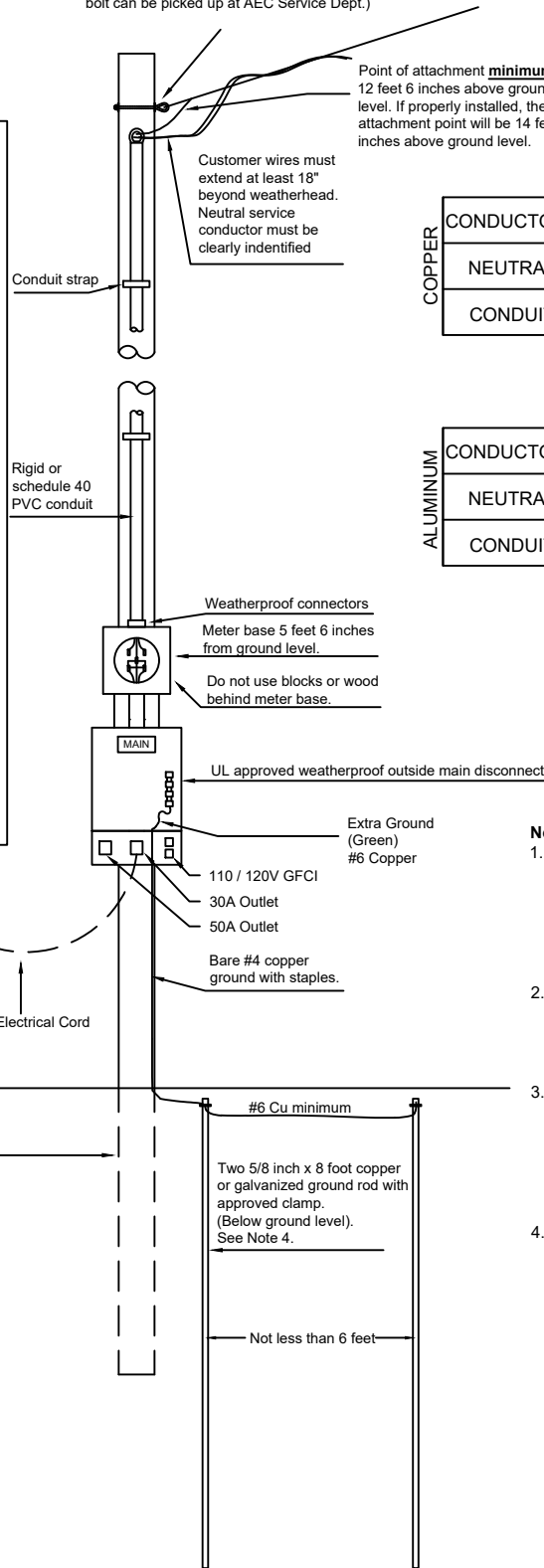
Customer wires must extend at least 18" beyond weatherhead. Neutral service conductor must be clearly identified

	100AMP	200AMP	225AMP	
COPPER	CONDUCTORS	#2	#2/0	3/0
	NEUTRAL	#4	#1/0	2/0
	CONDUIT	1 1/4"	2"	2"

	100AMP	200AMP	225AMP	
ALUMINIUM	CONDUCTORS	#1	#4/0	250KCMIL
	NEUTRAL	#2	#2/0	4/0
	CONDUIT	1 1/4"	2"	2"

### CAMPER AND PARK TRAILER (PARK MODEL RV)

- All Park Model RVs must be constructed in compliance with A119.5 and are under the jurisdiction of the Motor Vehicle Commission.
- If the wheels are removed, the Park Model RV must then meet the "Tiny Home" standard.



A 20 foot treated pole (6 inch x 6 inch square or round) set 4 feet 6 inches in ground. Backfill **MUST** be thoroughly **tamped** the full depth of the hole in **6 inches increments**. Rake the pole 3 inches away from the direction of the service wire.

Two 5/8 inch x 8 foot copper or galvanized ground rod with approved clamp. (Below ground level). See Note 4.

Not less than 6 feet

**Notes:**

1. The service installation must meet NEC, NESC and AEC requirements for connections. This guideline is not a substitution or is not intended to convey all the requirements of the NEC or NESC.
2. The service pole installation is to be examined by the State Deputy Wiring Inspector and sealed as "PASSED" prior to being connected by AEC.
3. The customer is to contact the AEC Engineering Dept. to have the meter pole spotted. AEC reserves the right to have the customer relocate the meter pole if the customer has disregarded this requirement.
4. Per the NEC, the customer may elect to attach the service pole ground to the foundation footer rebar in lieu of a 2nd ground rod.

APPALACHIAN ELECTRIC COOPERATIVE				ORIGINAL				REVISION			
DESCRIPTION	BY	CKD	APR	ORG. DATE:	BY	CKD	APR	REV. DATE:			
Camper and Park Model RV Pole Service Guideline (Overhead)	BLC	AWN	AWN	6/17/20	AWN	AWN	AWN	5/1/22			