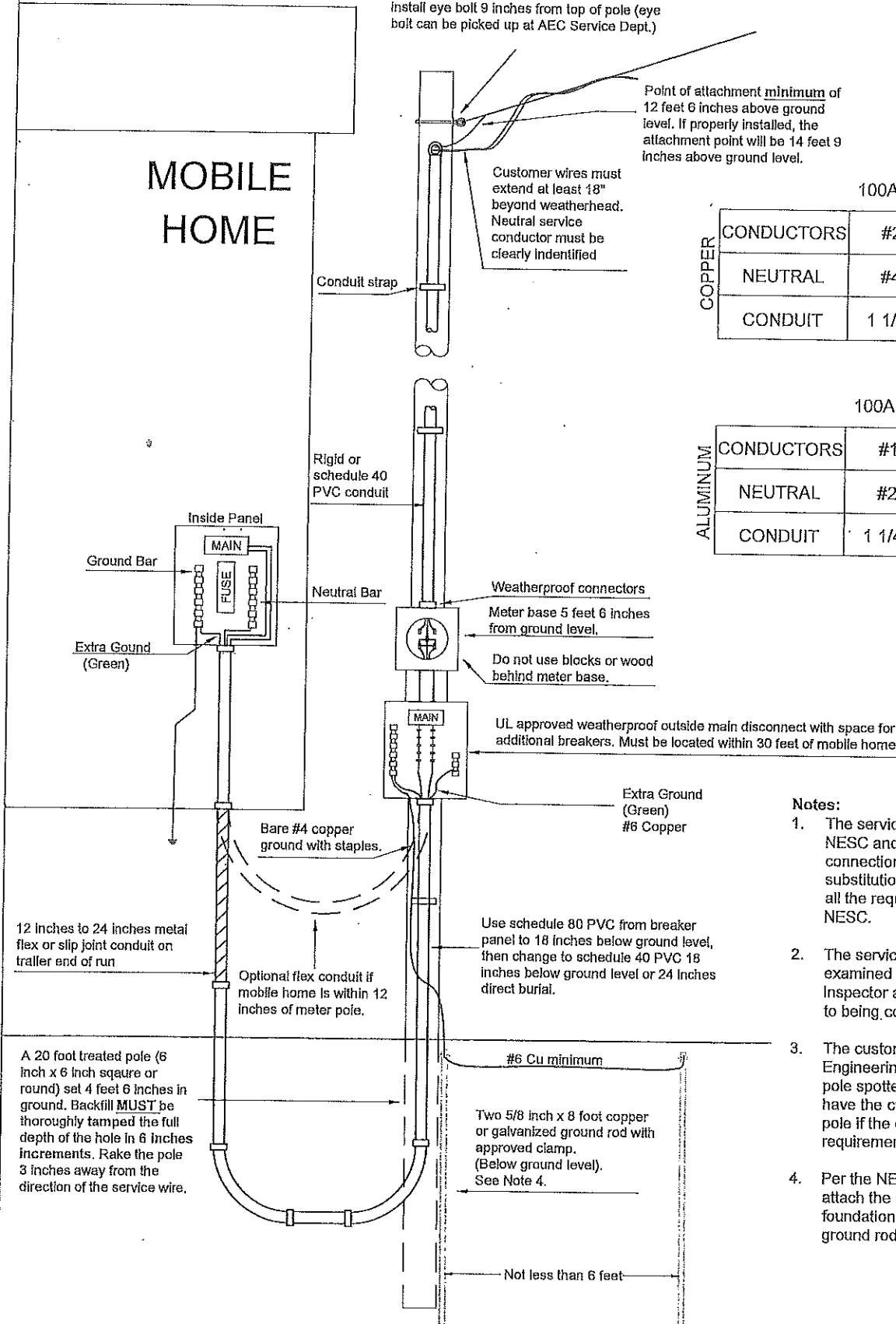


Appalachian Electric Cooperative

Electrical Service Installation Guide

Mobile Home Overhead 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	
ALUMINUM	CONDUCTORS	#1	#2/0	250KCMIL
	NEUTRAL	#2	#1/0	4/0
	CONDUIT	1 1/4"	2"	2 1/2"

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	A B C	DESCRIPTION Mobile Home Service Guideline (Overhead to meter pole)	BY MLM	CKD AWN	APR -	DATE 1/2/76	REV 7/6/13	USE CE	PAGE C1100
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