

MINIMUM REQUIREMENTS : METER POLE INSTALLATION

SINGLE PHASE, 120/240 VOLTS, 3 WIRE, 100 AMP. MINIMUM

GENERAL

The Cooperative will supply, install and own the service drop to the pole and the service wire attachments on the pole. All service entrance equipment shall be supplied and installed on the pole by the member.

The member shall purchase a meter base from the Cooperative or purchase an approved meter base and install it on the pole at their expense.

A weatherhead shall be used of proper type for the number and size of the wires used. All installations for an overhead or an underground service shall be protected with a properly sized weatherproof disconnect switch, fused or breaker type, located adjacent to the meter base.

POLE SET BY MEMBER

When the meter pole is set by the member, service entrance cable may be used in place of wire and conduit. When service entrance cable is used, a watertight connector must be used at the top of the meter base and disconnect switch, and a non-watertight connector may be used at the bottom of both.

The pole **shall be fully treated** and the pole backfill must be thoroughly tamped the full depth (see table below). When a pole taller than 30 feet is used, wire in conduit is recommended.

ANCHORING

Meter poles over 75 feet from the Cooperative pole must have an anchor assembly. The anchor assembly is to be a minimum of 20 feet from the base of the meter pole consisting of a 6 foot rod and a 6000# anchor. A guy wire is to be installed one foot down from the top of the pole to the anchor assembly.

GROUNDING

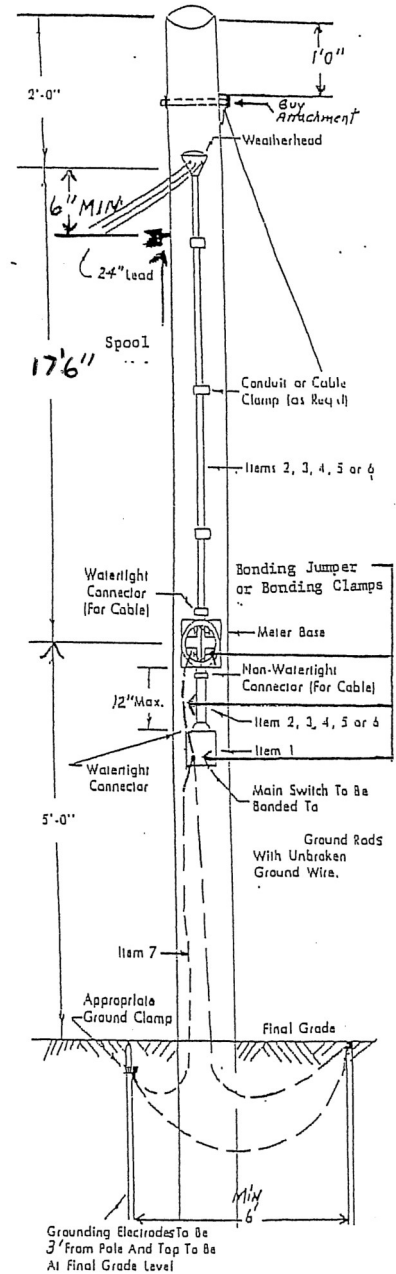
Ground wire shall be one continuous length, without a splice or a joint, from the main switch to the grounding electrode.

Ground clamp must connect the ground wire securely on two driven grounding electrodes – a minimum of 6' apart in undisturbed earth.

Driven grounding electrode must be rod: 5/8"x 8' copper clad rod or 5/8"x 8' solid rod, galvanized.

NOTES

1. All installations to be made according to this sketch.
2. All material to be approved by the Underwriters Laboratories.
3. All wiring to be in accordance with the National Electric Code and certified by an appropriate inspection agency.
4. Always have a qualified electrician take care of your wiring needs.
5. Members not following these minimum specifications **may be refused service connection.**
6. Service connections and/or meter removal shall be done only by authorized personnel.
7. Reduced neutral may be allowed.



SEE OTHER SIDE FOR
SPECS. BETWEEN MOBILE
 HOME AND POLE DISCONNECT

ITEM	MATERIAL	100 AMPERE SERVICE		150 AMPERE SERVICE		200 AMPERE SERVICE	
1	Weatherproof Disconnect Switch (Must have Main Fuses or Breaker)	100		150		200	
2	Service Entrance Cable, Type SEU Copper Wire	#4		#1		#2/0	
3	Service Entrance Cable, Type SEU Aluminum Wire		#2		#2/0		#4/0
4	Copper Wire, Type THW In Conduit	#4		#1		#2/0	
5	Aluminum Wire, Type THW In Conduit		#2		#2/0		#4/0
6	Minimum Conduit Size	1 1/2"		2"		2"	
7	Copper Ground Wire to Driven Grounding Electrode	#6		#6		#4	

POLE HEIGHT	SETTING DEPTH	MINIMUM DIM. "A"
25 Ft.	5.0 Ft.	13.0 Ft.
30 Ft.	5.5 Ft.	17.5 Ft.
35 Ft.	6.0 Ft.	22.0 Ft.



RECOMMENDED SERVICE SPECIFICATIONS
FROM THE MOBILE HOME DISCONNECT TO THE PANEL

In all cases a 4 wire cable must be installed from the disconnect to the mobile home panel. The 4th wire or grounding wire **must** bond the disconnect on the pole with the service panel in the mobile home.