

**MINIMUM REQUIREMENTS : METER LOCATION ON HOUSE—OVERHEAD**

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

**GENERAL**

The Cooperative will supply and install service to the house and service drop attachments on the house. All material supplied by the Cooperative remains the property of the Cooperative. All service entrance equipment is to be supplied and installed on the house by the member.

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

Conduit, if used, shall be rigid galvanized steel, rigid aluminum, Schedule 40 PVC or electric metallic tubing. It shall be of proper size, as indicated below, and securely fastened to the side of the house.

A weatherhead shall be used, of proper type for number and size of wires used. Height of weatherhead shall be not less than twelve (12) feet above ground level.

When entrance cable is used, a watertight connector shall be used at the top of the meter base and a non – watertight connector may be used at the bottom of the meter base.

Main switch and fuse box shall be located at a readily accessible location nearest the point of entrance of the service entrance conductors as stated in the National Electric Safety Code.

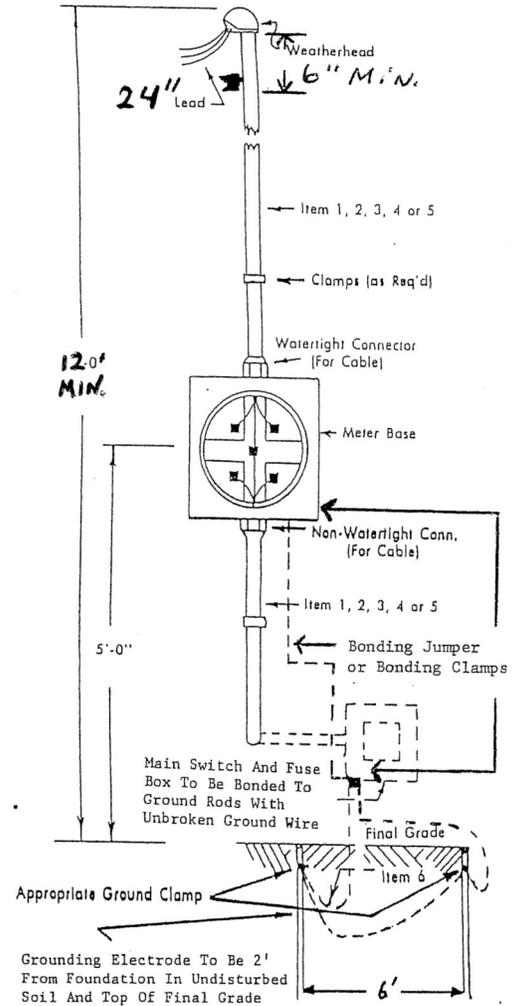
**GROUNDING**

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

See **ROOF RISER INSTALLATION** specifications sheet if height of house is too low for proper service drop attachment. Weatherhead must be twelve (12) feet minimum above ground.

**NOTES**

1. All installations to be made according to this sketch.
2. All materials to be approved by the Underwriters Laboratories.
3. All wiring to be in accordance with the National Electric Code and certified by a Cooperative approved 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 company personnel.
7. Reduced neutral may be allowed.
8. All service entrances will be located by Cooperative personnel and above clearances may be greater. Any change to the service entrance location without authorization of Cooperative personnel may incur an additional expense to the member.



ITEM	MATERIAL	100 AMPERE SERVICE		150 AMPERE SERVICE		200 AMPERE SERVICE		300 AMPERE SERVICE		400 AMPERE SERVICE	
1	Service Entrance Cable, Type SEU Copper Wire	#4		#1		#2/0					
2	Service Entrance Cable, Type SEU Aluminum Wire		#2		#2/0		#4/0				
3	Copper Wire, Type THW in Conduit	#4		#1		#2/0		350 MCM		500 MCM	
4	Aluminum Wire, Type THW in Conduit		#2		#2/0		#4/0		500 MCM		750 MCM
5	Minimum Conduit Size	1½"		2"		2"		3"		3"	
6	Bare Copper Ground Wire to Driven Grounding Electrode	#6		#6		#4		#1/0		#1/0	