



**OVERHEAD SERVICE
INSTALLATION**
MAST TYPE
200 AMP, 120/240 VOLT SERVICE
Firelands Electric Cooperative, Inc.



**OVERHEAD SERVICE INSTALLATION (MAST TYPE)
200 AMP, 3 WIRE, 120/240 VOLT SERVICE**

NOTES:

- Boots are available in different materials including rubber, sheet metal, and lead pipe flashing.
- Minimum 3-foot tails are essential for making effective drip loops, which prevent water from entering the conduit through the weather head.

REQUIREMENTS:

- Meter to be located 5-feet to 6-feet above final ground grade.
- Triplex service conductor is to be minimum of 12-feet above ground level.
- If length of conduit exceeds 10-feet above meter base, coupling will be permitted, but must be below roofline.
- The main disconnect switch inside the structure must be no more than 10-feet from the point of entry of the service cable.
- Ground rod must be located 2-feet away from the structure and 1-foot below ground level.
- Aluminum electrical joint compound shall be applied to all aluminum conductors before installing in terminals of meter base and service panel.

OWNERSHIP OF INSTALLED FACILITIES:

- The cooperative owns and maintains up to the consumer owned service knob attached to mast.
- Member owns and maintains all materials from barrel sleeves on the tails to service knob on mast and beyond.
- The cooperative maintains all ownership of electrical meters.

MATERIALS:

	<u>Amount Required</u>
#2/0 Cu. or #4/0 Al. Conductors _____	
Galvanized (Rigid) Weather Head _____	(1)
Galvanized (Rigid) 2-inch Conduit _____	
Pipe Straps _____	
2-inch Hub _____	(1)
2-inch Male Adapter with Bushing & Lock Nut _____	
LB Connector _____	
Roof Boot _____	(1)
Ground Rod 5/8-inch by 8-feet _____	(1)
#4 Cu. Ground Wire and Staples _____	
Ground Rod Clamp _____	(1)
Meter Base _____	(1)

Available from Cooperative –

- ✓ Triplex Service Conductor
- ✓ Meter