

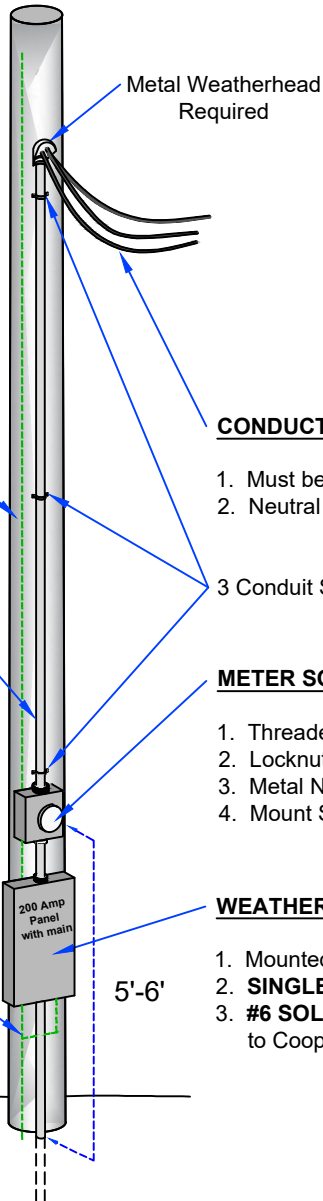
**\*ALL work Shall be installed in a neat and workman-like manner per NEC 110.12**

**FEC has the authority of interpretation of "neat and workman-like manner" based on our experiences or precedents as the basis of our judgements.**

FEC Poles - Wood, Steel, Concrete

Metal Threaded Conduit - Rigid or IMC

#6 Copper Bonded to panel



#### CONDUCTOR TAILS

1. Must be at least 3 Ft long
2. Neutral conductor shall be identified

3 Conduit Straps Required

#### METER SOCKET (Ringless Preferred)

1. Threaded Hub On Top
2. Locknut and Bushing inside Meter Socket on Metal nipple.
3. Metal Nipple with Locknut 3" to 6" under Meter Socket
4. Mount Socket 5 to 6 Ft. fom Ground Level

#### WEATHER-PROOF MAIN DISCONNECT

1. Mounted directly under Meter Socket with hub on top.
2. **SINGLE MAIN BREAKER** or **6 HANDLE MAIN** as defined in NEC.
3. **#6 SOLID BARE COPPER WIRE** from disconnect is to be bonded to Cooperative's pole ground.

#### Notes:

1. Members are responsible for supplying and installing entire assembled meter loop on FEC Pole. FEC is to be notified when loop is ready for inspection.
2. Meter loop must pass inspection before service is connected.
3. Line and Load conductors cannot be installed in the same riser. Load conductors supplying overhead feeders must be in a separate riser.

#### -sizing chart

<u>METER POLE SIZE</u>	<u>CONDUIT LENGTH</u>
25 ft	10 ft
30 ft	14 ft
35 ft	20 ft

<u>WIRE SIZE</u>	<u>BREAKER SIZE</u>	<u>CONDUIT SIZE</u>
#6 CU	60 Amp	1 inch
#4 CU	100 Amp	1 ¼ inch
#2 CU	125 Amp	1 ½ inch
#1/0 CU	150 Amp	2 inch
#2/0 CU	200 Amp	2 inch
Call office	Over 200 Amp	Call office

**Members May use One Size Down For Neutral Wire.**

DATE: 3/20/2025



## METER POLE - Meter Loop Specifications

1Ø 60-200 Amp Meter Loop on Meter Pole. Voltages: 120/240

Phone

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