

# FAYETTE ELECTRIC COOPERATIVE

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## TRANSFORMER POLE - METER LOOP SPECIFICATIONS

### NOTE:

1. Members are responsible for supplying and installing entire assembled meter loop on FEC pole. Fayette Electric is to be notified when loop is ready for inspection.
2. Meter loop **must pass inspection** before service is connected.
3. Only meter loop with underground feeders will be allowed on transformer pole. **“NO”** overhead feeders, lights, antennas, satellite dishes, etc. are allowed on transformer pole.

### POLES USED BY FEC

WOOD  
STEEL  
CONCRETE

<u>TRANS. POLE SIZE</u>	<u>CONDUIT LENGTH</u>
35 FT	14 FT
40 FT	17 FT
45 FT	24 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 ¼ inch
# 1/0 CU	150 Amp	2 inch
# 2/0 CU	200 Amp	2 inch
Call office	<b>Over 200 Amp</b>	Call office

### WEATHERHEAD

### METAL THREADED CONDUIT

1. MUST BE RIGID OR IMC.

### CONDUCTOR TAILS

1. MUST BE AT LEAST 8 FT LONG.
2. NEUTRAL CONDUCTOR SHOULD BE IDENTIFIED.

### CONDUIT STRAPS

1. THREE STRAPS ARE REQUIRED.

### METER SOCKET (RINGLESS PREFERRED)

1. THREADED HUB ON TOP.
2. LOCKNUT AND FIBER-BUSHING INSIDE METER SOCKET ON METAL NIPPLE.
3. METAL NIPPLE WITH LOCKNUT UNDER METER SOCKET.
4. MOUNT SOCKET 5 TO 6 FT. FROM 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 ATTACHED TO COOPERATIVE'S POLE GROUND WITH CLAMP.

