

FAYETTE ELECTRIC COOPERATIVE

(979) 968-3181

1-866-968-3181

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	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 ¼ inch
# 1/0 CU	150 Amp	2 inch
# 2/0 CU	200 Amp	2 inch
Call office	Over 200 Amp	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.

