

**Notes:**

- Members are responsible for rack, panels, and conduit, along with wire from panel to tails at weather head.
- Wiring, installation, and materials must conform to the requirements of the NEC, TDLR, and NESC.

FEC Meter Pole

Metal Weatherhead Required

5' Tails  
Single or Parallel runs are accepted  
Parallel Runs - 3/0 CU  
Single Run - 500 MCM CU  
Neutral May be one size smaller

Standoffs

3 Inch Riser: Threaded Conduit with Stand-Off (Rigid or IMC)

3 Inch Riser Length:  
Dependent on Pole Height  
25 ft Pole = 10 ft Conduit Riser  
30 ft Pole = 14 ft Conduit Riser

FEC Transformer Pole

FEC Supplied Loop and CT Meter on Opposite side of pole

**WEATHER-PROOF MAIN DISCONNECT**

3" Myers Hub Required

- FUSED DISCONNECT or MAIN BREAKER
- #6 SOLID BARE COPPER WIRE from disconnect is to be bonded to Cooperative's pole ground with bond screw.

All Metal Rack required  
2" Rigid or similar structural integrity

\*Wood not allowed

400 A

Distance no Greater than 45'

**\*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.**

30" Min.  
8" Min.

Legs to be encased in concrete

Conduit to Load

#6 Copper Bond Each panel to Pole Ground

DATE: 3/20/2025



## Three Phase 400 Amp Service Rack - on Meter Pole

Phone

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