

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

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

3" Myers
Hub Required

All Metal
Rack required
2" Rigid or
similar structural
integrity

*Wood not
allowed

30" Min.

8" Min.

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.**

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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