



NOTICE

This drawing illustrates FECC requirements only, and is not intended to be a comprehensive guide for the installation of an electrical service. To insure a safe, quality installation that complies with the National Electrical Code and local code requirements, the Cooperative recommends that all electrical work be done by a qualified, licensed electrical contractor.

Notes:

1. All work shall comply with Cooperative standards, the National Electrical Code, and authorities having jurisdiction. Refer to the *FECC Member Installation Standards for Electric Service* for more information.
2. This service shall be installed at a location mutually agreed upon by the member and the Cooperative. The location shall be readily accessible at all times to the Cooperative.
3. All materials except service drop conductors, instrument transformers, meter, and meter socket are to be provided, installed, and maintained by the member.
4. Instrument transformers and meter socket are furnished by the Cooperative and installed by the member.
5. CT cabinet shall be manufactured for use as a CT cabinet; shall have a side-hinged sealable door; shall meet NEMA 3R raintight standards, and shall have a separate steel back plate or brackets suitable for bolted mounting of the CT's. See table above for required dimensions.
6. The CT cabinet, meter socket, and all associated conduits and equipment shall be securely mounted to the building wall using lag bolts, masonry anchors, or similar hardware – plastic anchors are not acceptable.
7. The Cooperative recommends that the disconnect switch be mounted outside within 24" of the CT cabinet. Contact the local authorities having jurisdiction to determine requirements.
8. All conduits shall be electrical grade Schedule 40 PVC, EMT, IMC, or RMC. Mast(s) above roof line shall be RMC; additional bracing may be required to support the weight of the service drop conductors.
9. Building attachment point must be minimum 1/2" galvanized steel eyebolt securely fastened to building by member. A mast may be required to provide required attachment height.

CALL 48 HOURS BEFORE YOU DIG – Dial 811
It shall be the member's responsibility
to stay clear of all underground facilities.

Building-Mounted CT Cabinet for
Overhead Service Rated
Above 320A

DRAWING 11.8-3

June 2014

NOT TO SCALE



First Electric
Cooperative Corporation