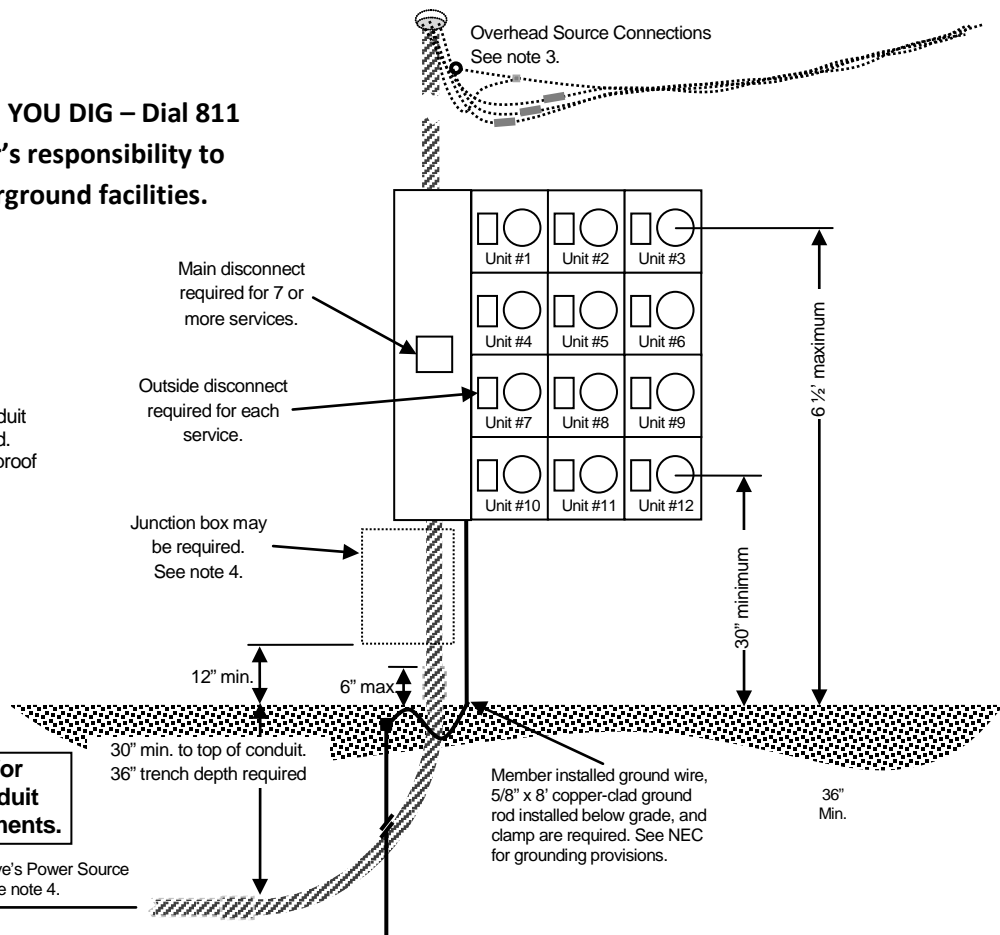


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It shall be the member's responsibility to stay clear of all underground facilities.

All materials, equipment, and conduit connections shall be outdoor rated. Any receptacles shall be weatherproof and GFCI.



Also see Drawing 8.6-1 for underground service conduit system installation requirements.

Notes

1. Member provides and installs: service entrance conductors; conduits; meter sockets; service disconnect switches; ground rod and wire; and all associated materials. 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.
3. Overhead Source Connections:
 - a. Cooperative provides and installs service drop conductors and connectors. Cooperative will provide connectors for its standard wire sizes, and attach service drop to Cooperative's source pole. Consult Cooperative.
 - b. Building attachment point shall be minimum 1/2" galvanized steel eyebolt securely fixed to building by member. Service drop attachment height shall be 13 1/2' minimum, or 17 1/2' in areas subject to truck traffic; maximum height 21'. A service mast may be required for proper attachment height.
 - c. Weatherhead shall be minimum 14' above grade or 18' in areas subject to truck traffic; maximum height shall be 21'.
4. Underground Source Connections:
 - a. Member shall install conduit system from the Cooperative's source location to the meter center. Member shall install an 80lb non-metallic pull line, and end of conduit shall be sealed and location marked. See Drawing 8.6-1 for underground conduit system requirements.
 - b. Cooperative provides and installs service lateral conductors up to 320A. Member provides and installs service lateral conductors over 320A.
 - c. A junction box is required if the Cooperative owns the service conductors from the transformer to the member's premises. A junction box is not required when the member owns the service conductors to the transformer.
5. All above ground conduits shall be electrical grade Schedule 80 PVC, EMT, IMC, or RMC. All conduit connections shall be raintight. All underground conduits shall be Schedule 40 or Schedule 80 PVC. All PVC elbows shall be Schedule 80. Service mast shall be RMC only.
6. Meter center shall be securely mounted to wall or support structure. Each meter socket and disconnect shall be permanently and plainly marked to indicate the unit or lot it serves.

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.

Factory Assembled Multiple Meter Installation
 Served from Overhead or Underground Source

Single or Three Phase Service

DRAWING 11.6-3

December 2011

NOT TO SCALE



First Electric Cooperative Corporation