

## GENERAL REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE

---

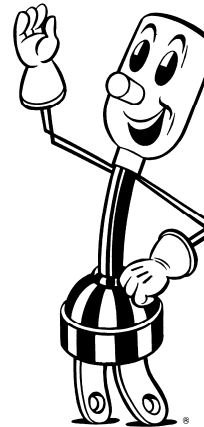
1. All new or renovated single dwellings shall have a minimum main service capacity of **100 amp**.
2. All meters shall be located so as to be exposed and accessible from the outside.
3. The main service panel shall be located at a readily accessible location nearest the point of entrance of the service entrance conductors.
4. All conduit threads and threaded or threadless fittings used must be made watertight.
5. To conform with the National Electrical Safety Code when planning a service, the following minimum clearances from ground are to be observed:  
**18 ft.** over roads, driveways, and parking areas subject to truck traffic.
6. Service conductors shall have clearance of not less than **3 feet** from windows, doors, porches, fire escapes, or similar locations.
7. In underground installations, the depth of the trench and the use of conduit are safety measures which must be adhered to. It is advisable to keep underground services to a **maximum length of 150 feet**.
8. When using aluminum conductors, electric joint compound must be applied at all connections. Copper and aluminum must not be terminated under the same connector unless the connector is of the bi-metal type.
9. Consumer wiring systems and equipment shall not be installed on poles owned by Guernsey-Muskingum Electric Cooperative.
10. All meters of Guernsey-Muskingum Electric Cooperative are sealed. These seals shall not be broken other than by qualified personnel of the Cooperative or its designated agent.

## GUERNSEY-MUSKINGUM ELECTRIC COOPERATIVE, INC.

**17 South Liberty Street  
New Concord, OH 43762**

**740-826-7661 • 800-521-9879  
Fax 740-826-7171**

### SINGLE PHASE 120/240 VOLT SERVICE SPECIFICATIONS



The following recommendations have the purpose of safeguarding members and employees, and of providing adequate service to all members.

These recommendations and the specifications on the reverse side of this sheet are minimum standards. In addition to compliance with these standards, all electrical installations must comply with the National Electric Code and any state or local laws that may be in force at the time.

Your Touchstone Energy<sup>®</sup> Cooperative 

Guernsey-Muskingum Electric Cooperative reserves the right to refuse electric service to any facility where the consumer's wiring system might result in undue hazard to the consumer, the Cooperative's employees, or the general public.

# **UNDERGROUND SERVICE—PEDESTAL POST MOUNTED**

It is the responsibility of the member to furnish and have installed the following:

**PLEASE HAVE THE LOCATION OF THE SERVICE APPROVED BY THE COOPERATIVE BEFORE WORK IS STARTED.**

**For Aluminum Conductors:**  
Use aluminum joint compound at all connections.

| Size of Service                       | 100 amp                          | 200 amp                                 |  |
|---------------------------------------|----------------------------------|---|--|
| Service Entrance Cable Conductor size | #2 Type "USE" aluminum or copper | #4/0 aluminum or #3/0 copper Type "USE" |  |

**The Member is to complete all trenching and backfilling.**

A 3 inch schedule 40 rigid PVC conduit with 3/8" nylon pull rope inside is to be provided for the entire length of the trench so that service conductors can be put inside the conduit.

