

General Information:

All wiring shall be done according to Wisconsin Electrical Code specification, in addition to company specifications.

1. **THE SERVICE ENTRANCE EQUIPMENT (SERVICE)** is the wires, meter socket, switchbox, conduit, ground rods, etc., required to supply electricity to your premises. The service is owned, maintained and furnished by the customer.
2. **THE LOCATION OF THE SERVICE** on a pole, the side of a building, or on a wooden post (called a pedestal) shall be agreed upon by the company before the service is installed. If the service is located on a pole, the customer must own the pole. Services shall not be located on company owned poles.
3. **THE SERVICE MUST BE READILY ACCESSIBLE** for reading, testing and repairs. You are not permitted to enclose any part of your service by any means (i.e., siding over the mast pipe or riser pipe).
4. Only one service is allowed per building, unless otherwise permitted by code.
5. The type of service you actually install (either overhead or underground) must correspond to the type of service that is engineered for installation by the company.
6. All material for the service is supplied and installed by the customer or by the customers electrician.
7. The customer shall furnish an adequately sized meter socket that meets the requirements of the electrical code and meets company specifications. **For underground services:** Due to the size of company conductors that are used to supply electricity to the service, minimum size dimensions for meter sockets are required. Meter sockets shall meet the minimum size dimensions indicated by the company, unless otherwise approved by the company prior to construction of the service.
8. **THE SERVICE SHALL BE WIRED IN CONDUIT.** Any conduit that will contain company conductors that is located on a building shall be rigid metal conduit or PVC. Electrical Metallic Tubing (E.M.T.) shall not be used if the conduit is located directly on a building and will contain company conductors.
9. **FOR AN UNDERGROUND SERVICE,** the company conductors shall enter the meter socket via the bottom left or right knockout. NOTE: The company will not connect the service if the riser pipe enters the meter socket via the center knockout.
10. The service entrance switchbox SHALL BE “DEAD FRONT” with a single disconnect per customer.
11. No electric fitting shall be installed in any wall or floor cavity that is not readily accessible. All fittings and pipes must be electrical type – water, oil or gas fittings are not permitted to be used.
12. **ALL ALUMINUM WIRE CONNECTIONS** shall be brushed with a steel brush and aluminum inhibitor used on the wire. All metal conduit shall have plastic bushings where the wire enters or leaves the conduit.
13. **FOR UNDERGROUND SERVICES:** The neutral conductor shall terminate after passing through the neutral lug or lugs and have a “pigtail” remaining of 12”. When the company installs its wires into the meter socket, we will connect the company’s neutral conductor to the customer’s neutral conductor with a squeeze-on (compression) type connector.

14. **FOR OVERHEAD SERVICES:** The neutral conductor shall remain continuous from the mast to the service panel. When passing through the meter socket it should enter the socket, pass under the neutral lugs and exit the socket without being cut.
15. The service shall be grounded with an approved electrode such as ½ x 8' copper coated rod or a 5/8 x 8' galvanized iron rod or ¾ X 8' galvanized pipe. Two ground rods shall be used. An underground metal water line must be supplemented with a driven ground.
16. **SERVICE EQUIPMENT FOR A MOBILE HOME** shall also contain a means for connecting an accessory building or structure or additional electrical equipment located outside a mobile home by a fixed wiring method.
17. Final inspection of the service equipment wiring shall be done by the company and approved before the company connects company wires to the service.

PEDESTAL SERVICES:

The underground service pedestal may be either two (2) 4' x 4' x 8' pressure