

# **WCMES UNDERGROUND SERVICE** **REQUIREMENTS**

**ALL METER BASE LOCATIONS MUST BE APPROVED BY WCMES.**

Customers' load side conductors leaving the meterbase must not interfere with WCMES line conductors coming into meterbase. The location for the WCMES entrance conduit should be labeled. If not, contact WCMES before installing load side conductors.

The entrance conduit is to be at least **2 1/2" I.D., Schedule 80 PVC or rigid metallic (2 1/2" for 200 Amp service or 3" for 400 Amp service)**. It must extend at least 10" below the ground line. If metallic conduit is used, a bushing must be installed on each end. This conduit is to be in place and strapped when the final inspection is requested. The footing must be clear of the entrance cable way. If an offset in the foundation was not provided, the edge must be chipped away to make a clear path for the entrance cable.

The pathway for the underground service must be clear of all obstacles when WCMES is requested to run the service. WCMES will not be responsible for damages to customer's facilities such as water and sewer lines. It is the responsibility of the customer to locate and mark conflicting facilities belonging to the premises.

WCMES will open and close the trench for the underground service. WCMES will not be responsible for additional backfill should the trench cave in after installation.

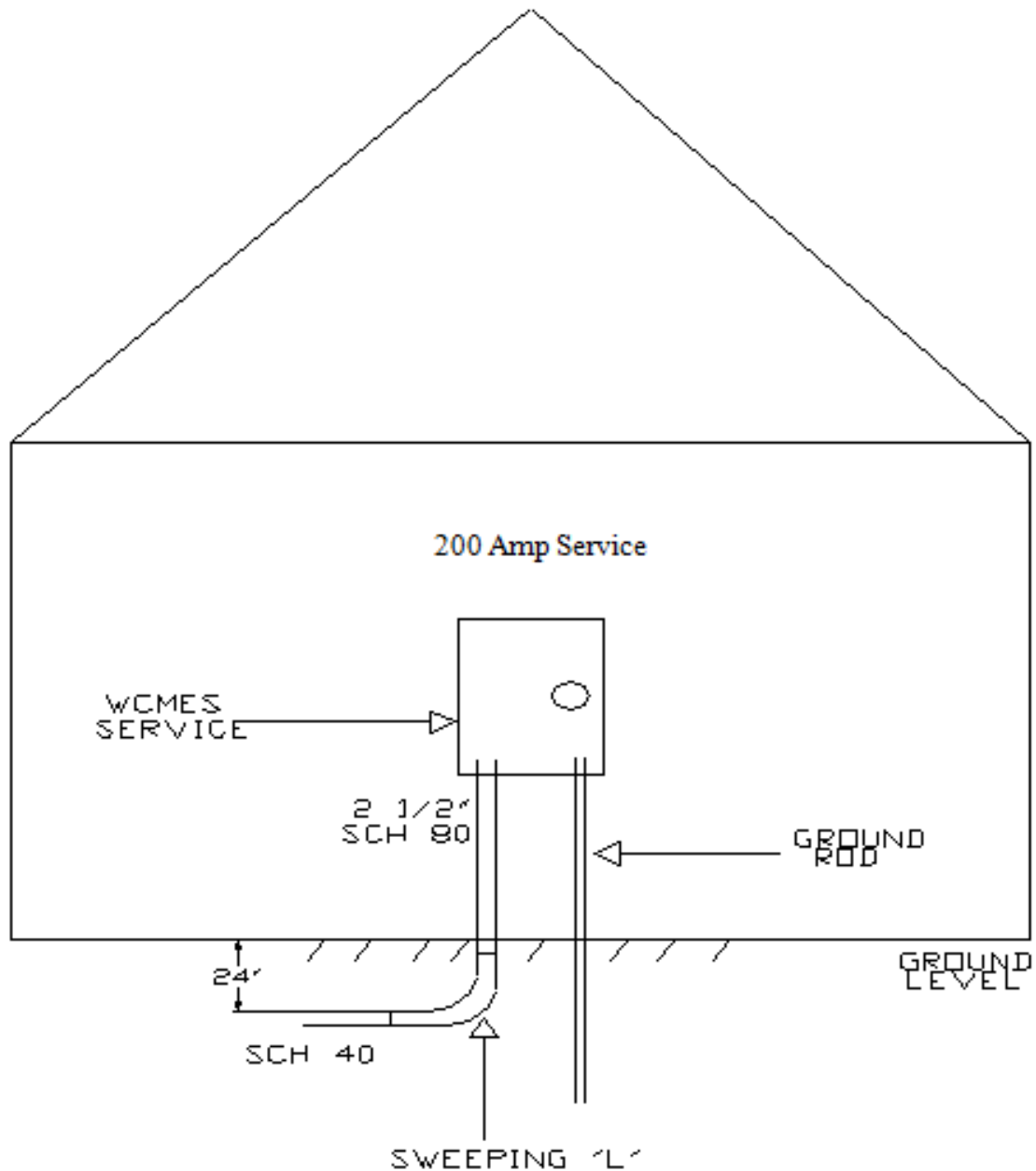
The underground service wire is to be accessible to WCMES at all times. If concrete pavement, or any permanent structure is placed over the cable or in conflict with the underground service, a 3" conduit (Schedule 40 plastic) must be provided at a depth of 18-24". If a patio, deck, driveway, sidewalk, or any obstruction is planned within 36" of the entrance conduit, then the entrance conduit must be **2 1/2" or 3" I.D.** and continue unbroken from the meterbase until clear of the obstruction. A factory sweeping "L" must be installed at the ground line.

Any applicable fees must be paid prior to WCMES installing the underground service.

Failure to abide by any of the above requirements can result in rejection by the State Wiring Inspector and a lengthy delay in receiving service.

Contact the WCMES Engineering Department if you have any questions at **(731) 587-9521** or **1-800-553-7409**

# Underground Service Diagram



## Notes:

1. The ground rod must be clear of the service.
2. The path around the Meterbase must be clear of debris.
3. All conduits must be on site before the work is started.
4. See Engineering for conduit placement on a 400 Amp Service.
  5. 400 Amp Services require 3" SCH 80 Conduit.
6. Modular, Double Wide, Multi-Section homes require a disconnect.