

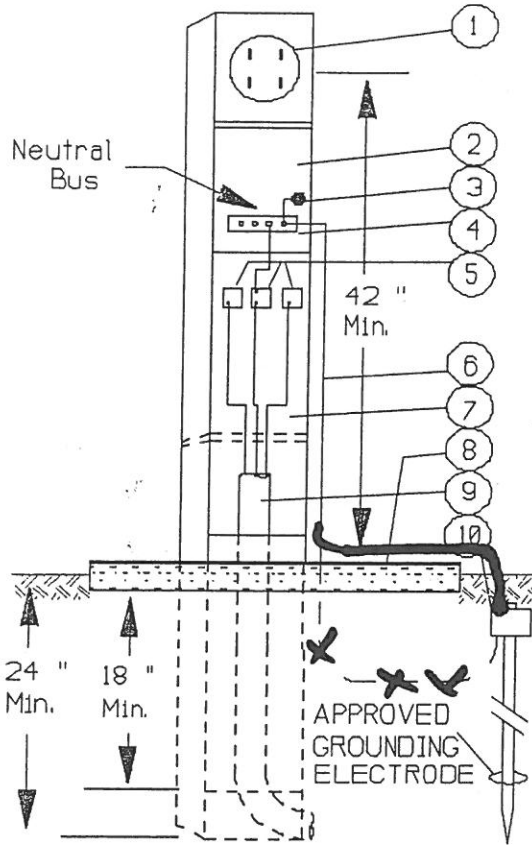


# TYPICAL MOBILE HOME and TEMPORARY METER PEDESTAL

1 Ph, 3W, 120/240 VOLT

Permits and inspections are required. Please contact the governing inspection agency in your area

This is a list of material for a normal meter pedestal installation. It is not intended to be all inclusive but gives the more common requirements. All equipment shall comply with EUSERC requirements and all specifications found in the APS Electric Service Requirements Manual, Section 500, Paragraph 506.6-1,2,3.



1) Meter socket, breaker compartment and pull section must be raintight equipment. Meter socket jaws or clips shall be free of foreign material (mud, paint, plaster, etc.). RINGLESS METER SOCKETS ARE NOT ACCEPTABLE.

2) Breaker compartment.

3) Pedestal bond lug. May be a bond screw in some models.

4) Customer's neutral landing block.

5) Service termination lugs shall be twin #2 to #350 MCM aluminum bodied pressure type for in and out connection of the service conductors.

6) The ground wire (#4 bare solid copper) shall be continuous from the neutral landing block in the breaker compartment to a grounding electrode system in compliance with NEC Article 250. The ground wire must be properly supported and attached to the outside of the pedestal at 24" intervals. When attaching the ground wire to the pedestal, the method of attachment shall not result in sharp projections, such as metal screws into the wireway below the neutral landing block. See illustration at left for preferred method of installing the ground electrode conductor.

7) Access to utility pull section shall not be blocked in any manner. Pull section shall be sealable. No customer wiring or equipment is allowed in this area.

8) Poured concrete slab shall be 24" x 24" minimum size and have a 3-1/2" minimum thickness.

9) Provide and install 2-1/2" conduit(s) with 24" sweep(s). Consult Company Representative to determine if service will be radial or cascaded. Conduit to extend a minimum of 1" and a maximum of 2" above the concrete slab. Conduit system shall be customer installed per APS specifications to a location determined by a Company Representative.

10) Approved ground electrode clamp shall be buried, flush or somehow protected from physical damage. Clamp shall be designed for underground use. Ground rod shall not be installed in or beneath the concrete slab.

## GENERAL NOTES:

1. Meter location to be specified by Company Representative
2. Pedestal shall be UL listed (as equipment suitable for use as service equipment) and EUSERC approved. That portion of pedestal buried in concrete and earth shall be coated with an approved corrosion resistant material such as zinc, cadmium, or enamel to withstand deterioration.
3. Pedestal and meter shall have a minimum rating of 100 amps.
4. Pedestal and power outlet section shall be rated 10,000 AIC minimum.

5. The socket shall be factory-wired with the conductors in a separate or barriered wireway from the service termination lugs to the meter socket. The conductors which extend to the meter socket shall be connected for the service lateral conductors.

6. Service cable pull and termination section shall be covered with a sealable, removable panel, extending from at least 2" to 6" above the concrete pad and when removed give full access to the service termination lugs.

7. The pedestal at grade line shall have a minimum cross sectional dimension of 4" x 8". The fixed panel for the final grade and concrete pours shall extend 2" to 6" above grade and a minimum of 18" below grade. The pedestal shall extend 24" below grade.

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