



## Notes:

1. All clearance dimensions are minimum distance. All equipment dimensions are maximum size allowed unless otherwise noted.
2. Unit may not be mounted on any pole on which there are transformers, risers, vertical supply conductors to aerial services, switch handles, traffic signals, capacitor banks or similar fixtures. Additionally, it may not be mounted on a distribution system corner pole.
3. Cabinet Placement – Wherever possible, poles should be kept free of equipment and cabinets. Pole mounted cabinets, as shown in the drawing, may be authorized during the permitting process if the following conditions are met:
  - The maximum space the cabinets may use is as shown in the drawing.
  - A minimum of two quadrants of the pole must be maintained free of equipment, cabinets, risers or other obstructions.
  - The cabinet is mounted with standoff brackets to offset the cabinet(s) from the pole by 4 inches or as specified in the permit.
4. All installations must conform to all applicable electrical codes and Company requirements for clearances, climbing space and working space.
5. Only qualified personnel shall make this type of installation. They shall be trained in and knowledgeable of the clearance requirements and working rules of OSHA and the NESC. The qualified personnel shall be trained and competent in:
  - a. Distinguishing exposed live parts from other parts of electrical equipment.
  - b. The techniques necessary to determine the nominal voltage of exposed live parts.
  - c. Minimum approach distances corresponding to the voltages to which qualified personnel will be exposed.
6. All materials, except meter, shall be furnished and installed by the facility owner.
7. The meter socket will be an approved meter socket that is listed in the We Energies Electric Service & Metering Manual and shall be a minimum of 100 amp, ringless style, with bypass horns. The service will be three wire 120/240 volt. Two wire 120 volt service is not acceptable. .. Costs for service will be in accordance with current We Energies tariff.
8. The service entrance conductors shall be run in non-metallic conduit, Schedule 80 and extend 40" above and 72" below any supply conductors. The service entrance conductors shall extend 30" beyond the weatherhead and shall be rated with 600 volt insulation.
9. The antenna cables shall be run in non-metallic conduit, Schedule 80 and extend 40" above and 72" below any supply conductors.
10. The disconnect, power supply box, communications box, meter socket and antenna cable shall be mounted on the same quadrant of the pole. There shall be a maximum of 6" between the service entrance conduit and antenna cable.
11. Grounding shall be in accordance with all applicable electrical codes.
12. Pole top extensions are not acceptable.
13. Installations will be allowed on bucket accessible poles only.
14. Maximum weight for Battery / Control Boxes will be determined during permitting process.
15. Minimum Box height determined by NESC codes.
16. Arm Weight and length to be determined during permitting process.