

Local Amendments to 2011 National Electric Code

1. The installing electrician shall provide a meter loop.
2. **All** structures shall have a means of disconnect on the exterior that is readily accessible. Ordinance No. 2009-25.
3. All type NM-B Cable shall be properly supported and shall enter the outlet or lighting box no more than 2 cables per opening of such box and shall be secured by plastic or nylon staples, located 12 inches from the box and every 4 ½ feet thereafter. No metal staples allowed.
4. EMT shall be properly supported by approved straps at no more than 18 inches from the box and every 5 feet thereafter.
5. EMT or metal boxes shall not be substituted for a grounded conductor. A ground wire shall be required for each circuit.
6. All permanent outside receptacles shall be GFCI protected.
7. In kitchens, refrigerators shall be on a circuit by itself. This circuit shall have no other openings.
8. All persons desiring new temporary electric service shall contact the Bentonville Electric Department or the Building Inspection Department to determine the location of the electrical service **before** the installation.
9. No electrical work is to be covered without first being inspected and approved by the Building Inspection Department.
10. All underground secondary electric lines shall be a **minimum of 24 inches deep from the top of the conduit to the top of the ditch**. Final grade will not be considered. No direct burial cable is allowed.
11. All underground electric lines shall be in conduit and in a ditch by itself. **No other utility is permitted in the same ditch with the underground electric.**
12. #12 20 AMP circuits for wiring only.
13. Any single-phase account taken or served from a 120-208 3-phase bank will require a (5) five-socket meter base.

14. Electrical secondary conduit sizing: 200 amp, 3 inch. Anything over 200 amp, 4 inch. 2 inch conduit shall not be used.
15. Where possible, all risers shall extend through the roof. The Building Inspector or the City Electric Department shall determine this.
16. All interior metal piping shall be bonded.
17. All residential structures shall have at least one (1) carbon monoxide detector per level, hard-wired with battery backup. Also, every sleeping room containing a gas appliance shall have a carbon monoxide detector.
18. Electric services shall be grounded by two (2) ground rods driven a minimum of six (6) feet apart.
19. Electric service ground wire shall be protected by PVC conduit. PVC grounding conduit shall be run into meter base.
20. Sheetrock is to be installed before permanent electric service is connected.
21. Permanent power requires at least two (2) dedicated circuits in main panel (refrigerator, washing machine, and/or furnace).
22. Pool grounding requires #8 solid bare copper ground wire.
23. No back-feeding house panels from temporary services.
24. Dedicated circuits in residential garages serving appliances shall have a single pole receptacle for each appliance. Duplex receptacles shall not be used in this application.