

ORDINANCE NO. 280

AN ORDINANCE ADDING LOCAL ELECTRICAL REQUIREMENTS TO CURRENTLY ADOPTED STANDARD BUILDING CODE IN THE CITY OF BARLING, ARKANSAS.

WHEREAS, adjacent municipalities, including the City of Fort Smith, have adopted electrical code requirements more restrictive than those found in various uniform codes; and

WHEREAS, the City of Barling desires to adopt "local electrical requirements" in order to protect the health, safety and welfare of local residents and insure uniformity in electrical codes in this geographical area;

Section 1. In addition to the National Electrical Code, as contained in the Southern Building Code, adopted by Ordinance No. 244, the following Local Electrical Requirements shall apply for all construction for which a building permit is required by Ordinance No. 258.

Section 2:

Definitions

1. Temporary service poles: an electrical service connected for the use of electrical power during the construction or re-construction of a structure. Temporary service shall not exceed 8 months without approval from the building official. All temporary service poles set and used in the City of Barling must be inspected before connected by power company.
2. Circuit: for the purpose of counting circuits for fees the following shall constitute a circuit: Every current carrying conductor connected to a fuse or circuit breaker in an electrical panel.

Section 3:

General Requirements

1. Meter base height shall be as required by the electricity provider.
 - a. OG&E requirements; min. 48 inches, max. 66 inches; 60 inches preferred.
 - b. Ark. Valley Electric; 5 feet min. to 6 feet max.
2. All wiring shall be **copper** conductors not less than **12 gauge** although 14 gauge copper shall be permitted for switch legs.
3. Equipment disconnects shall not be installed on the equipment to be disconnected.
4. Electrical panels shall **not** be installed within 48 inches of combustible material, in rooms with flammable liquids or vapors, in bathrooms, or within 36 inches of plumbing fixtures and appliances.
5. Bathroom exhaust fans shall be sized to a minimum of 0.75 cfm per sq. foot of floor space of the bathroom. All bathroom exhaust fans must be vented to the outside air.

6. Circuits shall be continuous and not depend on an additional device.
Exception: GFI receptacles may be used to protect other receptacles downstream in kitchens and bathrooms only.
7. All electrical work shall be performed by an Arkansas licensed electrician. Only master licensed electricians may obtain an electrical permit.
Exception: A homeowner living in their home may get a permit and do the wiring themselves.

Section 4:

Commercial Industrial Wiring

All wiring in structures built or remodeled in a Zoning classification of Commercial, Industrial or Public, and all structures used for any use other than single family, two family or multi-family dwellings shall comply with the following:

- a. All conductors shall be in Electrical Metallic Tubing as a minimum.
- b. Flexible metallic tubing may be used as the final connection not to exceed six (6) feet.
- c. There shall be a maximum of eight (8) openings (lights and receptacles) on each 20 ampere circuit.

Section 5:

Residential wiring

1. 110 volt smoke alarms shall be wired and installed by an electrician.
2. Ceiling boxes shall be installed in ceilings where light fixtures or ceiling fans will be installed. As a minimum the ceiling boxes must be rated to carry at least 40 lbs. of weight. All ceiling boxes must be wired for both lights and fans.
3. 20 ampere circuits shall have a maximum of 10 openings (lights and receptacles.)
4. Kitchen counter top receptacles shall have a maximum of two (2) duplex receptacles on one circuit and shall be protected by ground fault interrupting (GFI) devices.
5. Whirlpool tubs shall be GFI protected.
6. All outside receptacles shall be GFI protected.
7. All special appliances shall be on a separated circuit to include but not limited to: refrigerators, washing machines, microwave ovens. Garbage disposal and dishwasher may be on the same circuit.
8. Each bathroom with at least one receptacle shall be on an individual circuit and the receptacle shall be GFI protected. No other outlets shall be on that circuit. All bath heaters shall be on a separate circuit and not connected to the bathroom circuit.

Section 6:

Conflicts

Where a conflict occurs, the most restrictive shall apply.

Section 7:

Amending Clause

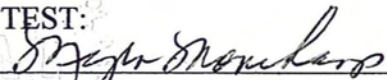
All Ordinances, or parts of Ordinances, in conflict with this Ordinance, shall be deemed to be hereby amended.

PASSED AND APPROVED THIS 28 day of November, 2000.



Paul Rivaldo, Mayor

ATTEST:


Myra Monchamp, City Clerk