

CITY OF CONWAY, ARKANSAS

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LOCAL AMENDMENTS TO CITY OF CONWAY CONSTRUCTION CODES

6/28/10

Electrical Code

The City of Conway has adopted the 2008 edition of the National Electrical Code. The following are Local Electrical Code Requirements and Amendments adopted in addition to the 2008 NEC:

11.04.17 Bond required.

Every person, firm or corporation doing business in the City of Conway as a licensed electrical contractor shall file with the electrical inspector a bond in the penal sum of Five Hundred Dollars (\$500.00) with a recognized corporate surety, authorized to do business in the State of Arkansas; provided, however, that in lieu thereof any person, firm or corporation may deposit with the Board the sum of Five Hundred Dollars (\$500.00) in U.S. currency, together with his personal bond therefore conditioned as hereinafter set forth.

The bond and surety shall be approved by the City Attorney of Conway, said bond being conditioned, however, that the principal will hold harmless the City of Conway, Arkansas, or any resident of said City against loss or damage by reason of faulty or improper electrical work done or suffered by said principal, and conditioned further that the principal shall strictly comply with the ordinances of the City of Conway governing such work; that the principal will do or suffer no work to be done without a permit, and will report work done for inspection by the electrical inspection department in conformity with the laws and ordinances of the City of Conway. (Ord. No. A-334, Sec. 8)

11.04.24 Wiring methods.

A. Any and all electric work for light, heat, power or any other purpose placed in or on any building or structure in the city limits of the City of Conway shall be installed in conformity with the rules and regulations as laid down in the National Electric Code as approved by the American Engineering Standards Committee and in conformity with the additional rules and regulations as set forth in this ordinance. Where local rules and regulations are set forth in this ordinance they shall take preference over any rules conflicting therewith.

B. Any and all materials, devices, equipment or other items necessary for the installation of electrical systems shall be approved and/or bear the label of the Underwriter's Laboratories, Inc.,

which Laboratories shall be accepted as the authority for any and all approved items. Provided the class of material used is listed by the said Underwriter's Laboratories, Inc.

C. No electrical apparatus, fittings or material shall be used or offered for sale when declared by the electrical inspector to constitute a fire hazard or to be hazardous to life and property.

D. All electrical conductors operating at a difference of potential of thirty (30) volts or more and installed in or about any building or structure in the City of Conway shall be installed in one of the following approved methods i.e., RIGID METAL CONDUIT, FLEXIBLE STEEL CONDUIT, METAL MOLDING, STEEL TUBE, APPROVED METAL DUCT, FIBRE CONDUIT, FLEXIBLE STEEL ARMORED CABLE, NON-METALLIC SHEATHED CABLE, OR KNOB AND TUBE WORK. (Ord. No. A-334, Sec. 15)

11.04.25 Local rules and regulations.

A. All electrical work of any kind and all systems shall satisfactorily fulfill the purpose for which it is installed and all work shall be executed in a good and workmanlike manner. Slipshod work or work not in keeping with good electrical practice shall be classified as defective and shall be immediately corrected by persons causing the same.

B. All light wiring in sales and display rooms in commercial buildings shall be done with wire not smaller than No. 12 gauge wire, allowing four (4) outlets to the circuit. Window lights not over six (6) outlets per circuit No. 12 gauge wire, provided this number of outlets does not overload the circuit.

C. Residences and apartments shall be done with wire not smaller than No. 14 gauge wire, allowing ten (10) outlets per 15 amp circuit and twelve (12) outlets per 20 amp circuits. Provided, however, laundry rooms shall have not more than two (2) outlets per circuit, and kitchen above counters shall have not more than (4) four duplex receptacles per circuit installed with wire not smaller than No. 12 gauge. (O-07-161)

D. Store rooms, stock rooms, toilets and hallways in commercial building may have eight (8) outlets per circuit on No. 12 gauge wire, provided this number of outlets does not overload the circuit.

E. All outlets for ceiling or bracket lights wherever installed shall be fitted with fixture studs and ears drilled and tapped and in residence wiring all switch and outlet boxes shall be of the type known to the trade as Galvanized or Sheradized and shall be at least one and one-half (1 ½) inches deep. When necessary outlet boxes shall be fitted with plaster rings, number of conductors in boxes shall be governed by Article 370, Section 3709 as set forth in the National Electrical Code.

F. Electric signs on new or old wiring two hundred (200) watts or over, must be on separate circuit. Signs not exceeding two hundred (200) watts may be connected to a light circuit, provided that circuit is not overloaded.

- G. All attics on old jobs must be left open and adequate provision made for inspections.
- H. Overhead wires running between main buildings and any outbuilding shall not be smaller than No. 12 gauge wire, and shall be supported by approved supports in an approved manner.
- I. All exposed wires under houses and in basements shall be installed in rigid steel conduit, steel tube or greenfield unless the joists are bored. This does not apply to ground wires.
- J. Under all conditions where conduit is required, conduit and fittings used shall be of the type known to the trade as Galvanized or Sheradized.
- K. Ground wires, in buildings where the wiring is required to be installed in metal, shall be installed in rigid conduit or steel tube from the main line switch to the point of ground.
- L. In the absence of approved water or other piping grounds, the ground must be made with an approved grounding device.
- M. All wiring installed in or under concrete or other type of floor laid on earth, shall be done with galvanized conduit not smaller than three-quarter (3/4) inch and wire approved for this purpose used.
- N. The use of approved non-metallic direct burial cable and wire will be permitted when outside of buildings and concrete aprons, provided when in rocky soil it will be bedded in sand and when necessary protected by a treated board. All direct burial cable and wire shall have approved overload protection.
- O. In all new and remodel wiring jobs plug fuses and fuse holders shall be Type S, unless an approved circuit breaker is used.
- P. All distribution panels and cabinets shall be of the dead front type.

Q. Table governing size of service entrance switch and service wire according to number of circuits used.

| No. | Circuits | Size Service 2 or 3 wire | Size Service Switch | Wires |
|-----|-------------------------------|-----------------------------|------------------------|---------|
| | 1-2 | 2 | 30 Ampere | 2 No. 8 |
| | 3-4 | 3 | 60 Ampere | 3 No. 8 |
| | 5-6-7-8 | 3 | 60 Ampere | 3 No. 6 |
| | 9-10-11-12 | 3 | 100 Ampere | 3 No. 2 |
| | 13 and over according to load | | | |

R. Apartment houses or other multiple meter installations shall have the main switch plainly marked with the number of the apartment or sufficient load designation; marking shall be permanent.

S. Service entrance switches shall be located in ready accessible places. Service entrance switches where accessible to other than authorized persons, shall not be lower than five (5) feet to the bottom of the switch.

T. Service entrance must be located by the electrical inspector with the approval of the Conway Corporation management.

U. One service entrance switch and one service entrance shall be provided for each meter and no meter shall be attached to more than one service entrance.

V. No job shall be considered as being completely roughed-in until all joints have been soldered, rubber and friction taped, or approved connectors used and pigtails provided for the hanging of fixtures. (Ord. No. A-334, Sec. 16)

W. Non Metallic sheathed cable will only be allowed in R-1, R-2 and Multi-Family Residence by special permission from City of Conway Electrical Inspector. (O-08-61)

X. Aluminum wire is prohibited other than feeders and service with no smaller than No. 4 gauge. (O-07-161)

Plumbing Code

The City of Conway has adopted the 2006 edition of the Arkansas Plumbing Code. The following are Local Plumbing Code Requirements and Amendments adopted in addition to the 2006 APC:

11.08.03 Amendments to said code.

Water Service Pipe (Materials).

Cold water service piping shall be cast iron pipe, ductile iron pipe, type K or L copper tubing or schedule 40 PVC except when such service is under concrete, then such pipe shall be cast iron pipe, ductile iron pipe or type K copper tubing.

Schedule 40 PVC pipe shall be limited to sizes 2 inches and smaller and may be installed from a point 5 feet from the water meter to the house or building being served.

The water pipe from the water meter to a point at least 5 feet from the meter shall be cast iron pipe, ductile iron pipe or type K or L copper tubing.

Separate trenches. The building sewer, when installed in a separate trench from the water service pipe, shall be cast iron pipe, ductile iron pipe, clay sewer pipe or schedule 40 PVC sewer pipe (4 inch in diameter only). Joints shall be watertight and root proof (Ord. No. A-517, Sec. 3, as amended by Ord. No. O-96-68, Sec. 3.)

11.08.06 Bond Required.

Every master plumber doing business in the city of Conway shall execute and deliver to the city a bond with a surety bonding company in the sum of One Thousand (\$1,000.00) Dollars to indemnify the city or any citizen for the damage caused by the failure of such master plumber to comply strictly with the provisions of this ordinance. No plumbing permit shall be issued to any master plumber unless this bond has been delivered to the city and is in full force and effect. (Ord. No. A-517, Sec. 6)

Building Code

The City of Conway has adopted the 2007 edition of the Arkansas Fire Prevention Code, Volumes II and III as the Building Code.

The following are Local Building Code Requirements and Amendments adopted in addition to the 2007 AFPC:

11.16.05 Limits of the Fire District established.

The limits of the fire district of the City of Conway, Arkansas, are hereby established as follows: Beginning at the Northeast corner of Lot One Hundred Forty-Seven (147) of Fidler's 362 Survey of the City of Conway, and running thence in a Southeastwardly direction along the West line of Parkway Avenue to Southeast corner of Lot One Hundred Thirty-Nine (139) of said Fidler's Survey of said city; thence running West to the Northwest corner of Lot One Hundred Thirty-Six (136) of Fidler's Survey of said city; running Southeastwardly along the East line of Lot Two Hundred Forty-Three (243) of said Fidler's Survey to the Southwest corner of Lot One Hundred Thirty-Two (132) of said Fidler's Survey of the City of Conway, Arkansas; thence running due East to a point on the North line of Price Street, which is due North of the West line of Locust Avenue; thence South to the Northeast corner of Lot Thirty-Seven (37), Block Twenty-Five (25), Robinson's Plan of Conway; thence in a South and Southeasterly direction along the West line of Locust Avenue to the Southeast corner of Lot Four (4) of Block Forty-Eight (48) of Robinson's Plan to the City of Conway; thence running Northeast to the Southwest corner of Lot Sixteen (16), Block Twenty-one (21), Robinson's Plan; thence Northeastwardly along the North line of Prairie Street to the East line of the Missouri Pacific Railroad Company right-of-way; thence Southeastwardly along the East line of the said Missouri Pacific Railroad Company right-of-way to the Southwest corner of Lot Six (6), Block Fifteen (15), Robinson's Plan; thence Northeastwardly along the North line of Elm Street to the Southeast corner of Lot One (1), Block Eight (8) of said Robinson's Plan to the City of Conway; thence running North along the West right of-way of Harkrider (State Highway 65B) to its intersection with the centerline of Garland Street; thence West along the centerline of Garland Street to its intersection with the centerline of Markham Street; thence North along the centerline of Markham Street a distance of twenty-four (24) feet; thence West along the centerline of a certain alleyway which lies between Lots Five (5) and Six (6) of Bruce Addition for a distance of one hundred forty-seven and a half (147.5) feet; thence South for a distance of one hundred (100) feet; thence West to centerline of Spencer Street; thence South along the centerline of Spencer Street to a point where the centerline of Smith Street, extended Westward would intersect the centerline of

Spencer Street; thence Westward along and with the centerline of Smith Street and to the centerline of Front Street; thence Northward along and with the centerline of Front Street; and to its intersection with the South line of Mill Street; thence West along and with the South line of Mill Street to the Northeast corner of Lot One Hundred Forty-Seven (147), according to Fidler's Survey of the city of Conway and to the point of beginning." (Ord. No. O-87-37, Sec. 1)

1116.06 Amendments to the code hereby adopted

A4. Applications for Permit

Homebuilders applying to the Department of Building Permits and Inspections for the issuance of a Building Permit for the construction of a residence, or for the construction of an addition or a remodeling project, with a value of \$20,000 or greater, shall include a copy of their current Residential Building Contractor's License issued by the Arkansas Contractor's Licensing board pursuant to the provisions of the Arkansas State Residential Licensing Law Act 950 of 1999 (A.C.A. 17-25-501 et. seq.), as the same may be amended from time to time, together with the statement of the applicant that the said license, is currently in full force and effect.

A property owner who acts as a residential building contractor for the purpose of constructing his own personal residence need not submit proof of a Residential Building Contractor's License, provided that this person does not construct more than one (1) residence per calendar year.

A5. Applications for Permit – Certificate of Insurance

All applications to the Department of Building Permits and Inspections for the issuance of a Building Permit for the construction of a residence, or for the construction of an addition or a remodeling project, with a value of \$20,000 or greater, shall include a certificate issued by an insurance company licensed to do business in the state of Arkansas that the applicant has procured and has in effect public liability and property damage insurance covering the applicant's homebuilding operations in the sum of not less than \$20,000 for injury or damage to property and \$50,000 for injury and damage, including death to any one person, and \$100,000 for injury or damage, including death to more than one person.

A6. Concurrent Homebuilder Registration

The Residential Building Contractor's License Law Act 950 of 1999 (A.C.A. 17-25-501 et. seq.), will become effective after July 1, 2001, and will supersede the Homebuilders Registration Law Act 859 of 1987 (A.C.A. 17-47-101 et. seq.). Current homebuilder's registrations were due to expire on November 30, 2000, and the homebuilder licensure law is scheduled to be effective after July 1, 2001. However, the Residential building contractor's committee of the State Contractors Licensing Board is currently issuing residential building contractor's licenses to those homebuilders complying with the requirements for licensure as a residential building contractor.

In order to provide a smooth and workable transition between the requirements of Act 950 of 1999 and Act 859 of 1987, the city of Conway will accept either a current homebuilder registration issued by the Secretary of State's office as per Act 859 of 1987, or a residential building contractor's license issued by the State Contractors Licensing board as per Act 950 of 1999, as meeting the requirements above from the date of the passage of this ordinance until July 1, 2001. Beginning on July 1, 2001, a homebuilder must comply with the requirements herein. (Ord. No. O-01-54, Sec. 1.)

11.16.07 Site drainage systems.

That the site drainage systems for all building projects in the City of Conway, with the exception of those listed below, shall be reviewed and approved by the City Engineer prior to issuance of any building permits.

- A. All accessory buildings under one hundred sixty (160) square feet in area.
- B. Individual single family homes on separate lots and their related accessory buildings.
- C. Individual duplexes on separate lots and their related accessory buildings.
- D. Individual triplexes on separate lots and their related accessory buildings.
- E. Individual quadruplexes on separate lots and their related accessory buildings. (Ord. No. O-94-29, Sec. 1)

Mechanical Code

The City of Conway has adopted the 2003 edition of the Arkansas Mechanical Code. The following are Local Mechanical Code Requirements and Amendments adopted in addition to the 2003 AMC:

11.56.01 Adopted by reference That there is hereby adopted by the city of Conway, Arkansas, pursuant to A.C.A. 14-55-207(a), for the purpose of establishing rules and regulations for safe mechanical installations, including alteration, repair, replacements, equipment, appliances, fixtures, fittings and appurtenances thereto so as to safeguard life, health and public welfare and the protection of property, that certain Mechanical Code, which has been adopted by the state of Arkansas as the 2003 or most current Edition of the Arkansas State Mechanical Code, the Standard Mechanical Code, save and except such portions as are hereafter amended as follows:

- A. Flex duct shall be allowed only on branch lines;
- B. Flex duct shall be no longer than fourteen feet (14') in length;
- C. Mechanically approved fittings are required for all turns;
- D. Mechanically approved fittings are required for takeoff,
- E. Fiber duct shall not be allowed.
(Ord. No. O-04-73, Sec. 1.)