

ORDINANCE NO. 193

AN ORDINANCE ADOPTING LATEST PUBLISHED & STATE ADOPTED CODES WITH STATE AND LOCAL AMENDMENTS, BY REFERENCE, AS HEREIN SET FORTH; AMENDING ORDINANCE NO. 106, CITY OF BETHEL HEIGHTS MUNICIPAL CODE, TITLE 11, BUILDING AND CONSTRUCTION AND DECLARING AN EMERGENCY

WHEREAS, the City Council of Bethel Heights, Arkansas has determined that it is in the best interest of the citizens of the City of Bethel Heights, Arkansas to adopt, by reference, the latest edition of the Arkansas Fire Protection Code, based on the International Fire Code, the International Building Code, and the International Residential Code; the latest edition of the "Life Safety Code" of the National Fire Protection Association; the latest edition of the National Electrical Code, and local amendments as herein set forth; said local amendments to amend the National Electrical Code as any conflict may exist; the latest edition of the Arkansas Mechanical Code, and local amendments as herein set forth, said local amendments to amend the Arkansas Mechanical Code as any conflict may exist; the latest edition of the Arkansas Plumbing Code and local amendments as herein set forth, said local amendments to amend the Arkansas Plumbing Code as any conflict may exist; and the latest edition of The International Energy Conservation Code as amended by 2004 Arkansas Energy Code for new building construction (deleting Section 105.1.3) and

WHEREAS, these referenced codes are "minimum standards" acceptable in the State of Arkansas, and the City of Bethel Heights, and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BETHEL HEIGHTS, ARKANSAS:

SECTION ONE: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.16, and does hereby adopt the latest edition of the Arkansas Fire Prevention Code, based on the International Fire Code, the International Building Code, and the International Residential Code, including the following Appendices:

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|----------|----|--|
| Volume 1 | 1) | B - Fire Flow Requirements for Buildings |
| | 2) | C - Fire Hydrant Locations and Distribution |
| | 3) | D - Fire Apparatus Access Roads |
| | 4) | E - Hazard Categories |
| | 5) | F - Hazard Ranking |
| | 6) | G - Cryogenic Fluids |
| Volume 2 | 1) | C - Group U - Agricultural Buildings |
| | 2) | D - Fire Districts |
| | 3) | E - Supplementary Accessibility Requirements |
| | 4) | F - Rodent Proofing |
| | 5) | G - Flood Resistant Construction |
| | 6) | I - Patio Covers |

Also, the following local amendment, said local amendment to amend the Arkansas Fire Protection Code, Volume III, Section R 321 to become Section R 321.3.3:

Buildings that are constructed greater than 2 feet 11-15/16 inches from a property line but less than 10 feet from a property line or assumed property line, shall have ends protected by a fire partition extending from the floor (if on slab) or from the foundation walls (if on a crawl space) to the bottom of the roof deck. Fire partitions shall be made of OSB, plywood, brick, block, sheet rock, or other materials approved by the Building Official. Approved materials may be applied to the inside or outside of framing.

That fire partition shall be defined as a vertical or horizontal assembly of materials designed to restrict the spread of fire in which openings are protected. Windows and doors not exceeding 25% of total square footage and below ceiling level of said wall shall not be required to be protected.

Building valuation data will be based on tables published and updated twice yearly by Building Safety Journal of the International Code Council as regional building valuations.

Permit fees for temporary structures, as defined by the Arkansas Fire Protection Code, will be a minimum of \$25.00 and may be increased, based on the complexity of the project, as determined by The Building Official.

SECTION TWO: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.16, and does hereby adopt the latest edition of the "Life Safety Code" of the National Fire Protection Association.

SECTION THREE: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.12, and does hereby adopt the latest edition of the National Electrical Code of the National Fire Protection Association with the following local amendments; said local amendments to amend the National Electrical Code as any conflict may exist.

- A. Service ground wire will be enclosed in PVC conduit only unless directed otherwise by the administrative authority, or the energy supplier.
- B. A minimum of one (1) carbon monoxide detector will be installed in each new residence constructed within the Bethel Heights city limits. NFPA 720, 1998 Edition, "Recommended Practice for The Installation of Household Carbon Monoxide (CO) Warning Equipment" shall be incorporated, in it's entirety, in this amendment by reference.
- C. There shall be a main disconnect within five feet of any electric meter installed within the city except in extreme or unusual circumstances it may be located a greater distance by approval of the electrical inspector.

- D. The use of aluminum wire from the bottom or load side of the electric meter shall be prohibited in the city except by special approval of the electrical inspector.
- E. Residential
1. There shall be no more than four (4) convenience duplex outlets on one circuit in the kitchen, utility and workshop.
 2. There shall be no more than eight (8) fixtures on light circuit.
 3. All major appliances shall be on separate circuits.
- F. Commercial
- Load calculations (individual branch circuits and total) will be furnished to Building Inspection Division upon application for electrical permit.
- G. If electrical wiring or any part thereof which is installed, altered or repaired is covered before being inspected by the inspector, it shall be uncovered for inspection after notice to uncover the work has been issued to the responsible person by the inspector.
- H. Any new installation exceeding ten circuit distributions at lighting panels must have two spare circuits and provisions made to use them in case of later alterations or additions.
- I. All fixtures used to supply current to general appliances shall be of screw-type terminals. Convenience outlets and general lighting circuits shall be of copper content, and the wire size thereof shall be of not less than #12 A.W.G. wire.
- J. No convenience outlet or appliance outlet shall be installed or operated on a general lighting branch circuit, at any time, in any occupancy.
- K. On any proposed remodeling, where more than fifty (50) percent of the electrical wiring in any structure is to be altered, electrical wiring throughout the structure shall be made to comply with the requirements of 2002 N.E.C. The chief electrical inspector may, at his discretion, waive these requirements.
- L. It shall be unlawful for any person other than an authorized employee of the electric service company, the city electrical inspector or authorized member of the fire department, to break any seal of any electric meter, transformer or cabinet. In case of emergency an authorized employee of a licensed electrical contractor or an employee under the supervision of a licensed electrician may break a seal when necessary to replace fuses. In such cases, the electric service company must be notified by the party breaking the seal within twenty-four (24) hours, in order that the equipment may be resealed.

No electric service meter will be installed before final inspection without approval from the Building Inspection Division.

- M. All underground lines to be protected in conduit.

SECTION FOUR: The City of Bethel Heights hereby recommends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.04.03, Fees, remain the same as described below:

In order to procure an electrical permit for the installation of electrical wiring work, any person before beginning any electrical wiring, shall make application to the Building Inspection Division and shall pay the permit fee required by the following schedule:

- A. Meter service inspection/per meter \$ 20.00

- B. New construction, single-family (heated footage):
 - 1. 0 - 1,500 square feet \$ 45.00
 - 2. 1,500 – 2,000 square feet \$ 60.00
 - 3. 2,000 – 3,000 square feet \$ 75.00
 - 4. 3,000 square feet and larger \$112.50

- C. New construction, multifamily:
 - 1. \$45.00 per unit for 1 unit (plus)
 - 2. \$22.50 per unit for 2 to 4 units (plus)
 - 3. \$15.00 per unit for 5 or more units

- D. New construction, commercial and industrial:
 - 1. One percent of contract, up to \$10,000.00; plus
 - 2. One-half of one percent, from \$10,000.00 to \$20,000.00; plus
 - 3. One-fourth of one percent of all jobs over \$20,000.00.

Base Fee of \$30.00.

- E. The permit fee for all overhauling or rewiring of existing buildings shall be the same as charged for new work.

SECTION FIVE: It is further provided that an additional fee of \$10.00 shall be paid in advance by the contractor or property owner for each inspection and every extra inspection trip that the inspector makes which is caused by the failure of the contractor or property owner who is installing the work to:

- A. Complete corrections.

- B. Be ready for an inspection which he has requested to be made.

- C. Provide means for the inspector to enter the locked premises to make an inspection requested by the contractor.

SECTION SIX: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.24.04 - 6, and does hereby adopt the latest edition of the Arkansas Mechanical Code, based on the International Mechanical Code with the following local amendments; said local amendments to amend the Arkansas Mechanical Code as any conflict may exist, deleting Appendix B:

A. Dryer Vents

1. Dryer vent terminations shall have a minimum clearance of 12 inches above finished grade to the bottom of the vent termination.
2. Dryer vents shall have at least a 1/8 inch per foot fall to the termination.
3. Dryer vents shall not be trapped.
4. Dryer vents shall not be located within 10 feet of HVAC condensing unit.

B. HVAC Ducts and Plenums

1. All ducts, both supply and return, shall be of galvanized sheet metal, refer to table 603.4 of the Arkansas Mechanical Code.
2. Installation of flexible non-metallic duct and flexible metallic duct material is prohibited, with the following exception:

When a suspended ceiling is to be installed, the final connections not to exceed 6 feet, may be flexible duct material or as approved by the Building Inspector.

3. All types of wiring, including thermostat, non-metallic cable, and alarm systems wiring, shall not be installed anywhere in the duct system, unless plenum rated.
4. All joints and connections must be mechanically fastened (sheet metal screws or other approved fasteners), and sealed with welds, gaskets, or mastic, and UL approved tape as approved by the Building Inspector.
5. Ducts shall be suspended to allow at least 12 inches for insulation as per Arkansas Energy Code.

6. Return air platform, plenum, duct or space shall be lined and sealed so as to be made airtight.

C. HVAC Electrical Connections

1. All electrical connections shall use an approved disconnect, within 6 feet of each piece of heating and air conditioning equipment, and readily accessible. (Cord and plug connections are allowed on inside gas heating units, if accessible and installed in accordance with N.E.C.)
2. A receptacle for service equipment shall be installed within 6 feet of the equipment, and may be installed up stream from the equipment disconnect where provided.

D. Fuel Line Connections

1. As a minimum, rigid steel piping, of at least schedule 40, must extend through the sheet metal cabinet where the final connections may be made using an approved flexible connector.
2. Fuel line piping shall not be installed within any part of the air system of the HVAC system including ducts and plenums.

E. Fireplace Enclosures

Fireplace enclosures, including unvented decorative log sets and/or zero clearance fireboxes, shall be fire stopped at each ceiling level or attic space in order to stop the unrestricted path of fire to the attic or other concealed spaces.

SECTION SEVEN: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.08, and does hereby adopt the latest edition of the ARKANSAS STATE PLUMBING CODE as adopted by The Arkansas State Board of Health, with the following local amendments, and deleting Appendix A:

- A. All PVC or plastic gas and water service lines require a continuous tracer wire with one end brought out to an accessible location.
- B. All PVC or plastic gas service lines to be buried a minimum of 18 inches below finish grade.
- C. Thermal expansion protection will be installed on all closed loop water heater systems.
- D. Gas service lines out of use more than 30 days will require an air test before being tagged for new service.

- E. Water heaters installed in any location other than garages where leakage could cause damage to building structure, ceiling, floor or wall coverings, will be installed in an approved drain pan with proper discharge.
- F. All mobile home services require permits by licensed contractors.
- G. Private sewer systems with on-site discharge will require installation by a licensed septic installer. Private sewer systems with off-site discharge will require a sewer system permit and installation by a licensed plumber.

SECTION EIGHT: The City of Bethel Heights hereby amends Ordinance No. 106, City of Bethel Heights Municipal Code, Section 11.24.04 and does hereby adopt:

1. Latest edition of the Arkansas Fire Prevention Code
2. National Electric Code latest edition.
3. National Electric Code latest edition.
4. Arkansas Gas Code latest edition.
5. Arkansas State Plumbing Code latest edition as adopted by the Arkansas State Board of Health deleting Appendix A.
6. Arkansas State Mechanical Code latest edition deleting Appendix B.
7. Life Safety Code latest addition of the National Fire Protection Association.

and, to that extent any existing Ordinances to the contrary are hereby repealed in that respect only.

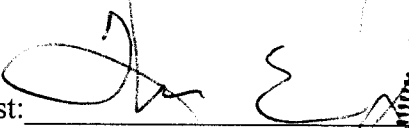
SECTION NINE: BE IT FURTHER ORDAINED BY THE CITY OF BETHEL HEIGHTS that any matters in said codes which are contrary to existing Ordinances of Bethel Heights, Benton County, Arkansas shall prevail and that Ordinance No. 106, and all other ordinances pertaining thereto are hereby amended.

SECTION TEN: For the purpose of this Ordinance, the Building Official, and his or her assistants, shall be the "Administrative Authority" authorized to enforce the provisions of these Codes.

SECTION ELEVEN : That the need for this Ordinance is immediate and in order to protect the public peace, health, safety and welfare, an emergency is hereby declared to exist, and this Ordinance shall become effective upon it's passage and approval.

PASSED AND APPROVED this 15th day of March, 2005.

Approved: 
Mayor

Attest: 
Recorder/Treasurer

