COUNCIL BILL NO. 2015-362 ORDINANCE NO.

AN ORDINANCE amending Chapter 26 Buildings and Building Regulations by repealing and enacting a new Article III, Building Code, and setting a date when this ordinance shall become effective.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF JOPLIN, MISSOURI, as follows:

Section 1. That Chapter 26, Buildings and Building Regulations, Article III Building Code, be repealed, and a new Chapter 26, Buildings and Building Regulations, Article III, Building Code, be enacted to read as follows:

"ARTICLE III BUILDING CODE*

Sec. 26-61. - Building code adopted.

The **2012** ~~**2006**~~ Edition of the International Building Code **including Appendix Chapters C, F, G, I, J**, as supplemented or amended, is hereby adopted and made a part hereof by reference as the basic building code of the city. Not less than three copies of said code as supplemented or amended, duly certified, have been and now are filed in the office of the city clerk.

Sec. 26-62. - Amendments to the International Building Code.

The building code adopted by **section 26-61** of this article is hereby amended, changed, and altered, as follows:

Section 101.1 is amended by inserting ***[City of Joplin, Missouri]***

Section 105.2 - "Building Item 2" ***replace 120 square feet with 200 square feet.***

Chapter 13 Energy Efficiency is deleted in its entirety.

Section 1405.10 is amended by adding the following paragraph:
Material commonly known as "corrugated sheet iron"; "corrugated sheet steel", "strong barn", etc., will not be permitted to be used as an exterior ~~***(or interior)***~~ finish on any commercial or residential building. It shall also not be permitted or allowed as roofing material on any type building or structure.

Section ***1608*** ~~***Section 1608.3***~~ of the building code is hereby amended to provide that 30 pounds per square foot, non-reduced snow load be utilized in determining the design snow loads for roofs, in no case, shall the design ***roof*** snow load be less than 30 pounds per square foot.

Section 1612.3 is amended by inserting: **[City of Joplin].**

Section 1612.3 is amended by inserting: [***November 2, 2012***].

Section ***1809.5*** ~~***1805.2.1***~~ is amended by adding the following paragraphs to the existing section.
The depth of footings for frost protection shall be 30 inches from finish grade to bottom of footing.

Accessory - residential or commercial storage type buildings with approved treated skids or the "portable" type for moving from one location to another, are exempt from the footing requirements if under 200 square feet, but shall be required to be anchored or tied down in an approved manner to prevent possible overturning from ***a minimum 90 mph*** wind.

Section 3109.4 is amended by adding the following paragraph:
Locations. Private swimming pools shall not encroach on any front or side yard required by the basic code, abridged code or the governing zoning law, except by specific rules of the community in which it may be located. No wall of a swimming pool shall be located less than three feet from any rear or side property line, ***12 feet from any primary or accessory structure,*** or ten feet from any street property line, except by specific rules of the community in which it may be located.

Section 3410.2 is amended by inserting: **[January 17, 1955].**
Chapter 35 – Referenced Standards NFPA reference number ~~***72-10***~~ *is amended to* ***72-13****.*

Sec. 26-63. - Penalties.

Notwithstanding any other provision of this article, a person violating any provisions of this article or obstructing its enforcement shall be deemed guilty of a misdemeanor, and upon conviction thereof in municipal court, shall be subject to punishment as provided in section 1-5 of the Joplin City Code.

Sec. 26-66. - Residential code adopted.

The ***~~2006~~* 2012** Edition of the International Residential Code for One and Two Family Dwellings including Appendix Chapters A, B, C, D, G, H, I, J, M, N, ***O, P,*** Q, as supplemented or amended, is hereby adopted and made a part hereof by reference as the basic residential building code of the city. Not less than three copies of said code as supplemented or amended, duly certified, have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this article.

Sec. 26-67. - Amendments to the International Residential Code.

The [residential] building code adopted by section 26-66 of this article is hereby amended, changed, and altered, as follows:

Section R101.1 is amended by inserting: [**City of Joplin, *Missouri.***].

Section R104.11 is amended by adding the following paragraph to the existing section:
The alternative method commonly known as "pole barn" or "laminated pole" type structures shall be limited to commercial buildings and accessory buildings only and not for residential dwelling units.

Section R105.2 is amended by deleting item 2 in its entirety.

Section R105.2 is amended by deleting item 5 in its entirety.

Table R301.2 (1) is amended by inserting:

GROUND SNOW LOAD	***30 psf***
WIND SPEED	***90 mph***
TOPOGROPHIC EFFECTS	***NO***
SEISMIC DESIGN CATEGORY	***A***
WEATHERING	***Severe***
FROST LINE DEPTH	***30 inches***
TERMITE	***Moderate to heavy***
WINTER DESIGN TEMP	***9 degrees***
ICE BARRIER UNDERLAYMENT REQUIRED	***No***
FLOOD HAZARDS	***December 8, 1976***
	November 2, 2012 ***FIRM panels, 29097CINDOC0C, 29097C0142E, 29097C0144E, 29097C0161E, 29097C0163E, 29097C0255E, 29097C0256E, 29097C0257E, 29097C0258E, 29097C0259E, 29097C0266E, , 29097C0267E, 29097C0268E, 29097C0269E, 29097C0276E, 29097C0277E, 29097C0278E, 29097C0279E, 29097C0283E, 29097C0284E, 29097C0285E, 29097C0286E, 29097C0287E, 29097C0288E, 29097C0295E***
AIR FREEZING INDEX	***500***
MEAN ANNUAL TEMP	***55 degrees F***

Section R403.1.1 is amended by adding wording: "All footings for residential construction are to be at least 16 inches in width and eight inches in thickness."

R403.1.6 Foundation anchorage. Replace "…anchor bolts spaced a maximum of 6 feet on center" with ***"anchor bolts spaced a maximum of four (4) feet on center".***

Section ***R 404.1.1.1 ~~R404.1.1~~*** Masonry foundation walls is amended to read as follows:
"*R 404.1.1.1 ~~R404.1.1~~* Masonry foundation walls. Concrete masonry and clay masonry foundation walls shall be constructed as set forth in Table R404.1.1(1), R404.1.1(2), R404.1.1(3) or R404.1.1(4) and shall also comply with the provisions of Section R404 and the applicable provisions of Sections R606, R607 and R608. In Seismic Design Categories D0, D1 and D2,

concrete masonry and clay masonry foundation walls shall also comply with Section R404.1.4. Rubble stone masonry foundation walls shall be constructed in accordance with Sections R404.1.8 and R607.2.2. Rubble stone masonry walls shall not be used in Seismic Design Categories D0, D1 and D2.

Regardless of the height of unbalanced backfill referenced in the tables, every masonry foundation shall have a minimum of one #4 reinforcing bar a maximum of every 4′ on center that is securely anchored in the supporting footing under the wall. The block cells that contain the reinforcing steel and the anchor bolts shall be filled with concrete. If the tables require more than this minimum, then the requirements of the tables shall apply."

Section R802.11 Roof tie-down. is amended to read by adding the following paragraph:
"All trusses and rafters shall be fastened to the supporting wall assembly by mechanical connections capable of providing the resistance required in Table R802.11. In no case shall the connections be made by solely toe-nailing."

Chapter 11 Energy Efficiency is deleted in its entirety and replaced with the Chapter 11 provisions of the 2006 International Residential Code.
Exception: The insulation requirement for floors shall not be required.

Section R3008 Backwater Valves is amended to read as follows:
"All plumbing fixtures shall be protected by a backwater valve installed in the building drain."

Section ***E3406.11.1*** ~~***E3306.10.1***~~*, Exception* is amended to read:
"Splices shall be permitted within surface-mounted raceways that have removable covers, subject to fill requirements."

Section ***E3608*** ~~***E3508***~~ shall be amended by adding the following paragraph at the beginning:
"The primary grounding electrode for all new construction shall be a concrete-encased electrode as defined by section ***E 3608.1.2*** ~~**E3508.1.2**~~."

Sec. 26-68. - Mechanical code adopted.

The ***2012*** ~~**2006**~~ Edition of the International Mechanical Code including Appendix Chapters A, as supplemented or amended, is hereby adopted and made a part hereof by reference for the purpose of regulating and controlling the installation of mechanical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings, and/or appurtenances thereto, including ventilating, heating, cooling, air conditioning and refrigeration systems, incinerators and other energy related systems. Not less than three copies of said code as supplemented or amended have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this division.

Sec. 26-69. - Amendments to the International Mechanical Code.

The mechanical code adopted by section 26-68 of this article is hereby amended, altered, and changed as follows:

Section 101.1 is amended by inserting the name of this jurisdiction, "City of Joplin, Missouri."

Section 106.5.2 is amended to read as follows:
106.5.2 Fee Schedule: The permit fees for all mechanical work shall be as indicated in section Article IV of Chapter 26 of the Joplin City Code.

Section 106.5.3, Fee Refunds, is deleted.

Section 108.4 is amended to read as follows:
108.4 Violation Penalties: Any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof, or who shall install mechanical work in violation of an approved plan or directive of the Building Official or his designee or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable as provided in section 1-5 of the Joplin City Code.

Section 108.5 is amended to read as follows:

108.5 Stop Work Orders: Any person who shall continue any mechanical work in or about the structure after having been served with a stop work order, except such work as he/she is directed to perform to remove a violation or unsafe conditions, shall be subject to punishment as provided in section 1-5 of the Joplin City Code.

Sec. 26-70. – Fuel and Gas Code adopted.

The ***2012*** ~~**2006**~~ Edition of the International Fuel Gas Code including Appendix Chapters A, B, C, as supplemented or amended, is hereby adopted and made a part hereof by reference for the purpose of regulating and governing fuel gas systems and gas fired appliances in the city. Not less than three copies of said code as supplemented or amended, duly certified, have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this chapter.

Sec. 26-71. - Amendments to the International Fuel and GasCode.

The Fuel Gas Code adopted by section 26-70 of this article is hereby amended, changed, and altered, as follows:

Section-101.1. Insert: [City of Joplin].

Section ***106.6.2*** ~~***106.5.2***~~. Insert: [Fee schedule from Article IV of Chapter 26 of the Joplin City Code].

Section ***106.6.3*** ~~***106.5.3.***~~ Delete provision number 2 and number 3.

Section 108.4 is hereby amended to read as follows:

108.4 Violations and Penalties: Any person who shall violate a provision of this code, fail to comply with any of the requirements thereof or erect, install, alter or repair work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable as provided in Section 1-5 of the Joplin City Code.

Section 108.5 is hereby amended to read as follows:

108.5 Stop work orders: Any person who shall continue any fuel gas work in or about the structure after having been served with a stop work order, except such work as he/she is directed to perform to remove a violation or unsafe conditions, shall be subject to punishment as provided in section 1-5 of the Joplin City Code.

Sec. 26-72. - Plumbing code adopted.

The ***2012*** ~~**2006**~~ Edition of the International Plumbing Code including Appendix Chapters B, ***C,*** D, E, F, ~~***G,***~~ as supplemented or amended, is hereby adopted and made a part hereof by reference for the purpose of prescribing regulations governing plumbing. Not less than three copies of said code as supplemented or amended have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this division.

Sec. 26-73. - Amendments to the International Plumbing Code.

The plumbing code adopted by section 26-72 of this article is hereby amended, altered, and changed in the following respects:

Section 101.1 is amended by inserting: [City of Joplin, ***Missouri***].

Section 106.6.2 is amended to read as follows:

106.6.2 Fee Schedule. The permit fees for all plumbing work shall be as indicated in Article IV of Chapter 26 and 118-235 of the Joplin City Code.

Section 106.6.3, Fee Refunds, ***is deleted***. ~~Paragraphs numbered 2 and 3 are deleted.~~

Section 108.4 is amended to read as follows:

108.4 Violation Penalties: Any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof or who shall install plumbing work in violation of an approved plan or directive of the plumbing official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor punishable as provided in Section 1-5 of the Joplin City Code.

Section 108.5 is amended to read as follows:

108.5 Stop Work Orders: Any person who shall continue any plumbing work in or about the structure after having been served with a stop work order, except such work as he is directed to perform to remove a violation or unsafe conditions, shall be subject to punishment as provided in Section 1-5 of the Joplin City Code.

Section 701.2 is added to read as follows:

701.2.1 ~~701.2~~ **Sewer** Required: See **Section *118-83* ~~118-81~~,** et seq., of the Joplin City Code pertaining to availability of sanitary sewer.

Section 715 is amended to read as follows:

715.1 Sewage backflow: All plumbing fixtures shall be protected by a backwater valve installed in the building drain.

*Section **903.1 ~~904.1~~*** is amended by inserting: [12 inches].

Sec. 26-74. - Electrical code adopted.

The **2011 ~~2008~~** Edition of the National Electrical Code for electrical wiring and apparatus as recommended by the National Fire Protection Association, as supplemented or amended, is hereby adopted and made a part hereof by reference. Not less than three copies of said code as supplemented or amended have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this division.

Sec 26-79- Existing Building Code Adopted

The 2012 Edition of the International Existing Building Code including appendix B as supplemented or amended, is hereby adopted and made a part hereof by reference for the purpose of prescribing regulations governing energy conservation requirements. Not less than three copies of said code as supplemented or amended have been and now are filed in the office of the city clerk and the same is incorporated as if fully set out at length in this division.

Sec. 28-80. – Amendments to the Existing Building Code

The Existing building code adopted by section 26-79 of this article is hereby amended, changed, and altered, as follows:

Section 101.1 is amended by inserting [City of Joplin, Missouri]

Section 113.4 is hereby amended to read as follows:

113.4 Violations and Penalties: Any person who shall violate a provision of this code, fail to comply with any of the requirements thereof or erect, install, alter or repair work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable as provided in Section 1-5 of the Joplin City Code.

Section 106.4 is hereby amended to read as follows:

106.4 Violations and Penalties: Any person who shall violate a provision of this code, fail to comply with any of the requirements thereof or erect, install, alter or repair work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable as provided in Section 1-5 of the Joplin City Code."

Section 2. This ordinance shall become effective on November 10, 2015.

PASSED BY THE COUNCIL OF THE CITY OF JOPLIN, MISSOURI, this _____ day of _____, 2015.

_____
Michael L. Seibert – Mayor

ATTEST:

_____
Barbara Hogelin – City Clerk

APPROVED AS TO FORM

_____
Peter C. Edwards, City Attorney