

ORDINANCE NO. _____

AN ORDINANCE AMENDING SECTIONS 500.010, 500.012, 500.014, 500.016, 500.018, 500.020, 500.022, 500.024, AND 500.026 AND DELETING SECTION 500.028, AND REPEALING AND REPLACING SECTIONS 500.028 THROUGH 500.120, AND REPEALING SECTIONS 205.010, 205.020, 205.030, OF THE CODE OF THE CITY OF MISSION, KANSAS. ALL ARTICLES OF THE AFFECTED CHAPTERS WILL BE RENUMBERED AS NECESSARY TO RUN IN THE PROPER NUMERICAL SEQUENCE PRECEDING AND FOLLOWING THE ABOVE CHANGES.

Section 1. That Section 500.010 is hereby amended to read as follows:

ARTICLE I. GENERAL PROVISIONS

SECTION 500.010: ADOPTION

This Code shall be known and may be cited as the City of Mission Code of Regulations for Buildings and Construction, 2012 Edition.

Section 2. That Section 500.012 is hereby amended to read as follows:

SECTION 500.012: AUTHORITY

This Code of Regulations is adopted pursuant to the Authority of the Council of the City of Mission, Kansas, pursuant to 12-3009 through 12-3012 as currently enacted and from time to time amended.

Section 3. That Section 500.014 is hereby amended to read as follows:

SECTION 500.014: JURISDICTION

This Code of Regulations shall be applicable to all areas of the City of Mission.

Section 4. That Section 500.016 is hereby amended to read as follows:

SECTION 500.016: PURPOSE AND INTENT

The purpose and intent of this Code of Regulations is to establish a comprehensive set of codes and standards, designed to be compatible with one another, which will provide better building construction and greater safety to the public.

Section 5. That Section 500.018 is hereby amended to read as follows:

SECTION 500.018: VIOLATION PENALTIES

Any person violating any provision of this Code of Regulations shall be punished as provided in Section 100.100 of the Mission City Code.

Section 6. That Section 500.020 is hereby amended to read as follows:

SECTION 500.020: SEVERABILITY

It is hereby declared to be the intention of the City Council that the articles, sections, paragraphs, sentences, clauses, and phrases contained in this Code of Regulations are to be severable, and should any article, section or other provision of these regulations be declared unconstitutional or otherwise ruled to be invalid by any court of competent jurisdiction in a valid judgment or decree, then such decision or ruling shall not affect the validity of the regulations as a whole or any part of them other than the specific declared to be unconstitutional or ruled to be invalid.

Section 7. That Section 500.022 is hereby amended to read as follows:

SECTION 500.022: AMENDMENTS AND ADDITIONS

This Code of Regulations may be supplemented or its provisions may be amended by resolution duly adopted by the City Council and any such amendments or additions shall be incorporated within and codified as a part of this Code of Regulations.

Section 8. That Section 500.024 is hereby amended to read as follows:

SECTION 500.024: REPEAL OF CONFLICTING REGULATIONS AND POLICIES

All previously adopted ordinances or polices of the City Council which enacted or imposed regulations, standards, or prohibitions which, in whole or in part, are in conflict with any provision of the Code of Regulations are hereby repealed to the extent necessary to give these regulations full force and effect, and, in the case provisions of this Code of Regulations shall be deemed applicable, shall take precedence over any other, and shall control and govern.

Section 9. That Section 500.026 is hereby amended to read as follows:

SECTION 500.026: EFFECTIVE DATE

This Code of Regulations for Building and Construction shall be and become effective from and after the date of adoption by the City of Mission and publication of the adopting ordinance as required by law.

Section 10. That Section 500.028 is hereby deleted

Section 11. That Section 500.030 is hereby repealed and replaced to read as follows:

ARTICLE II. INTERNATIONAL BUILDING CODE

SECTION 500.030: ADOPTION

The International Building Code, 2012 Edition, published by the International Code Council, including Appendix Chapters C, E, F, G, I, and J, as well as the following deletions, additions, and amendments is hereby adopted.

Section 12. That Section 500.031 is hereby repealed and replaced to read as follows:

SECTION 500.031: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 13. That Section 500.032 is hereby repealed and replaced to read as follows:

SECTION 500.032: DEFINITIONS

- a) The term "approved certified sprinkler system" shall mean one that has been designed by an engineer who is licensed in the State of Kansas, and installed by a contractor licensed to do so by the Johnson County Contractor Licensing Program, and approved by the Building Code Official.

Section 14. That Section 500.033 is hereby repealed and replaced to read as follows:

SECTION 500.033: DELETIONS

The following provisions of the International Building Code, as adopted, shall be deleted and not applicable under this code:

- a) Section 103.2 Appointment.
- b) Section 113 Board of Appeals.

Section 15. That Section 500.034 is hereby repealed and replaced to read as follows:

SECTION 500.034: ADDITIONS

- a) 101.4.7 Electrical. Add the following language to the end of Section 101 to read: The provisions of the NFPA 70 National Electrical Code, 2011 Edition, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.
- b) Section 105.3 Application for permit. Add items 8 through 11 to the end of the section 105.3 to read:
 8. A permit shall not be issued until evidence is presented to the Building Code Official certifying the availability of satisfactory potable water. Applicants within areas under the jurisdiction of a duly constituted water district shall submit a connection permit or notice of intent to supply water service from the water district.
 9. A permit for construction shall not be issued until evidence is presented to the Building Code Official verifying the availability of satisfactory hydrant locations. Applicants for areas under the jurisdiction of a duly constituted water district shall submit a statement from the district verifying that the proposed fire protection system conforms to Article 10 of this Code.
 10. No building permit for any structure or building to be located within a legally created sewer district in the City in which sanitary sewage will, or may, originate shall be issued until the applicant, or the applicant's agent, has previously applied for and received from the sewer district, an outside sanitary sewer construction and connection permit as required by the rules and regulations of the Johnson County Wastewater District.

11. Include a right-of-way permit application from the City.

- c) Section 105.3.1.1 Denial of permits. Add the following sub-section to Section 105.3.1 to read: The Building Official is authorized to deny a permit to any applicant not meeting the provisions of this Code on any open permits. The Building Official may also stop construction on any permit if the contractor fails to maintain oversight of a project or fails to maintain insurance as required by the Johnson County Contractor Licensing Regulations.
- d) Section 105.3.3 Moving buildings or structures. Add the following sub-section to read:
A permit for a foundation, or a new single family or a remodel permit shall be secured prior to the issuance of a permit to move a building or structure. The foundation shall be constructed prior to the building or structure being moved. All applications for permits to move buildings or structures shall include the following information:
1. The dimensions of the building or structure as to length, width, and height at its highest point when loaded for moving.
 2. A letter verifying that all utilities have been disconnected, i.e. gas, electric, water, sewer. A verbal or electronic communication from the utility company is acceptable in lieu of a letter.
 3. A letter or electronic communication from any utility company having overhead lines along the proposed route indicating that they have approved the route.
 4. Letters from the Police Department and the Public Works Department approving the date, time and route of the move.
 5. A letter indicating the day and hour when the move is to start; the length of time required for the move; and the number and type of escort vehicles.
 6. A map showing the route of the move.
 7. A copy of the state highway move permit, if applicable.
 8. Copies of written notices to the owners of adjacent lots along the route who may be affected by utility disconnects. The letter will give the date and time of the move.
 9. Written permission from the private property owner to trim any trees on private property necessary to provide clearance for the move along the proposed route.
 10. Written permission to trim trees in the public right-of-way necessary to provide clearance for the move along the proposed route.
 11. Sewer permit from Johnson County Wastewater District.
 12. Letter from the appropriate water district certifying the availability of the water supply.
 13. Verification from the water district of a satisfactory fire hydrant location.
 14. Verification that the building or structure meets current adopted codes and standards.
 15. A plot plan showing the property or lot where the building or structure is to be moved. A legal description of the property shall be included.
- e) Section 109.2 Schedule of permit fees. At the end of the first paragraph add the following paragraphs: The fee for each building permit shall be as set forth by resolution of the City Council. When permit fees are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. When submittal documents are incomplete or changed so as to require additional plan

review or when the project involves deferred submittal items as define in Section 107.3.4.1, an additional plan review fee shall be charged.

Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

- f) Section 111.3 Temporary Occupancy. At the end of the paragraph add the following language: A 60-day temporary certificate may be issued for interior items and a 90-day temporary certificate may be issued for exterior items upon request from the owner or contractor, subject to the approval of the Building Code Official. Additional time may be granted by the Building Code Official upon written request and for a fee of \$100.00.

Contemporaneously with the issuance of a Temporary Certificate of Occupancy, the Building Code Official shall provide a list of deficiencies, if any, that require correction to any building or portion thereof. The failure of the permit holder to correct the deficiencies, to the satisfaction of the Building Code Official, prior to the expiration of the Temporary Certificate of Occupancy, shall be an unlawful act.

- g) Section 114.4 Violation Penalties. Add a new paragraph to Section 114.4 with the following language: Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.
- h) 903.4.2.1 Notification devices. Add the following sub-section to Section 903.4.2 to read: Where an automatic fire sprinkler system is installed in a building, audible and visible notification appliances shall be installed throughout the building as follows:
- i. Audible notification appliances shall be installed so as to be audible at 15 dBa above average sound pressure level throughout the building.
 - ii. Visible notification appliances shall be installed in all public and common use areas, restrooms and corridors in accordance with the spacing requirements of NFPA 72.
 - iii. Visible notification devices can be eliminated in normally unoccupied portions of buildings when permitted by the building code official.

Section 16. That Section 500.035 is hereby repealed and replaced to read as follows:

SECTION 500.035: AMENDMENTS

- a) 101.1 Title. Amend the following paragraph to read: These regulations shall be known as the Building Code of The City of Mission, hereinafter referred to as this Code.

- b) 101.4.3 Plumbing. Amend the following paragraph to read: The provisions of the International Plumbing Code shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the Johnson County Environmental Department shall apply to private sewage disposal systems.
- c) 105.5 Expiration. Amend the following paragraphs to read: Every permit issued by the Building Code Official under the provisions of this Code shall expire by limitation and become null and void if:
 - 1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
 - 2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, and the fee therefore shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee. The Building Code Official is authorized to grant, in writing, one or more extensions of time. The extension shall be requested in writing and justifiable cause demonstrated.

- d) 114.3 Prosecution of violation. Amend the following paragraph to read: Any person failing to comply with a notice of violation or order shall be deemed guilty of an unlawful act. If the notice of violation is not complied with, the Building Code Official may request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.
- e) 903.4.1 Monitoring. Amend the following paragraph to read: Alarm, waterflow, supervisory and trouble signals shall be distinctly different and shall be automatically transmitted to an approved UL-listed central station as defined in NFPA 72, or when approved by the Building Official, shall sound an audible signal at a constantly attended location. The fire alarm system installed to transmit such signals shall be considered a building fire alarm system and shall be documented as a UL-certified central station service system.
 - Exceptions:
 - 1. Underground key or hub valves in roadway boxes provided by the municipality or public utility are not required to be monitored.
 - 2. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open position. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.

- f) Section 1203.1 General. Amend the paragraphs to read: Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the International Mechanical Code.

Where the air infiltration rate of a dwelling unit is less than 3 air changes per hour when tested with a blower door at a pressure of 0.2 inch w.g. (50 Pa) in accordance with Section 402.4.1.2 of the International Energy Conservation Code, the dwelling unit shall be ventilated by mechanical means in accordance with Section 403 of the International Mechanical code.

- g) 1612.3. Establishment of flood hazard areas. Amend the following paragraph to read: To establish flood hazard areas, the governing body shall adopt a flood hazard map and supporting data. The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled 'The Flood Insurance Study for Johnson County, Kansas and Incorporated Areas,' dated July 17, 1997, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and Flood Boundary and Floodway Map (FBFM) and related supporting data along with any revisions thereto. The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section.

- h) Section 2901.1 Scope. Amend the following paragraph to read:
2901.1 Scope. The provisions of the International Plumbing Code shall govern the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing equipment and systems. Toilet and bathing rooms shall be constructed in accordance with Section 1210 of the International Building Code.

- i) 3103.1.1 Permit required. Amend the following paragraph to read: Temporary structures that cover an area in excess of 900 square feet, including connecting areas or spaces with a common means of egress or entrance which are used or intended to be used for the gathering together of fifty or more persons, shall not be erected, operated or maintained for any purpose without obtaining a permit from the Building Code Official.

- j) Section 3307 Protection of Adjoining Property. Amend the following section to read:
3307.1 Protection Required. Adjoining public and private property shall be protected from damage during construction, remodeling and demolition work. Protection shall be provided for footings, foundations, party walls, chimneys, skylights, and roofs. Provisions shall be made to control water runoff and erosion during construction or demolition activities. The person making or causing an excavation to be made shall provide written notice to the owners of adjoining buildings advising them that the excavation is to be made and that the adjoining buildings should be protected. Said notification shall be delivered not less than 10 days prior to the scheduled starting date of the excavation. A copy of the notice shall be delivered to the Building Official prior to the commencing of excavation.

All construction sites shall be maintained in a good, clean, and safe condition, including, but not limited to, the following minimum requirements;

1. Construction materials shall be stored, maintained and secured so as to prevent safety risk or danger. Accumulated construction debris shall be hauled away and disposed of at an approved land fill. Dumpsters shall be

emptied or removed when full and may be used only for construction debris. Construction materials shall not be stored in a public right-a-way.

2. All mud, dirt, or debris deposited on any street, crosswalk, sidewalk, or other public property as a result of excavation, construction, or demolition shall be immediately broom cleaned to the extent possible and disposed of in an acceptable manner.
3. It shall be unlawful to intentionally place, deposit, or otherwise dispose of construction debris in any public or private sewer.
4. Airborne particles shall be controlled at the property at all times during work by means of a water truck and/or spraying equipment, or other water sources capable of spraying and thoroughly saturating all portions of the structure and surrounding property affected by the work. Spraying shall be undertaken at all times necessary to thoroughly control the creation and migration of airborne particles, including, without limitation, dust, from the subject property.
5. No person shall operate or cause to be operated any radio, media player, telecommunications device or other such object at such a volume, or in any other manner that would cause a nuisance or disturbance to any person.
6. Every contractor shall be responsible for all actions of their employees, agents, and subcontractors under this subsection, and shall be responsible for all violations of the provisions of this subsection committed by such employees, agents, or subcontractors.

Section 17. That Section 500.040 is hereby repealed and replaced to read as follows:

ARTICLE III. INTERNATIONAL RESIDENTIAL CODE

SECTION 500.040: ADOPTION

The International Residential Code, 2012 Edition, published by the International Code Council, including Appendix Chapters E, G, H, J, K, P, and O.

Section 18. That Section 500.041 is hereby repealed and replaced to read as follows:

SECTION 500.041: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 19. That Section 500.042 is hereby repealed and replaced to read as follows:

SECTION 500.042: DEFINITIONS

For the purposes of the International Residential Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "approved certified sprinkler system" shall mean one that has been designed by an engineer who is licensed in the State of Kansas, and installed by a contractor licensed to do so by the Kansas State Fire Marshall, and approved by the County Building Code Official.

Section 20. That Section 500.043 is hereby repealed and replaced to read as follows:

SECTION 500.043: DELETIONS

The following provisions of the International Residential Code, as adopted, shall be deleted and not applicable under this Code:

- a) Section R112 Board of Appeals.
- b) Section R309.5 Fire Sprinklers.
- c) Section N1103.4.2 (R403.4.2) Hot water pipe insulation (Prescriptive).
- d) Section N1103.2.3 (R403.2.3) Building Cavities (Mandatory).
- e) Section N1104.1 (R404.1) Lighting equipment (Mandatory).

Section 21. That Section 500.044 is hereby repealed and replaced to read as follows:

SECTION 500.044: ADDITIONS

- a) Section R113.4 Violation Penalties. At the end of the paragraph add the following language: Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.
- b) Section R306.5 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R306.5 New single family dwellings toilet facilities. Toilet facilities shall be provided within 500 feet (measured from the property line adjacent to the street for platted subdivisions along the public way) for all new single family dwellings starting from the time of the first footing inspection until facilities are available in the dwelling. If the facilities are not located on the job site, the location of the required facilities shall be posted on the job site or other certification provided to the Building Code Official to verify the availability of toilet facilities. The facilities on the site shall be removed prior to issuance of a Temporary Certificate of Occupancy.
- c) Section R306.6 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R306.6 New single family dwellings construction site maintenance. All construction sites shall be maintained in a good, clean, and safe condition, including, but not limited to, the following minimum requirements:
 - 1. Construction materials shall be stored, maintained and secured so as to prevent safety risk or danger. Accumulated construction debris shall be hauled away and disposed of at an approved land fill. Dumpsters shall be emptied or removed when full and may be used only for construction debris. Construction materials shall not be stored in a public right-a-way.
 - 2. All mud, dirt, or debris deposited on any street, crosswalk, sidewalk, or other public property as a result of excavation, construction, or demolition shall be immediately broom cleaned to the extent possible and disposed of in an acceptable manner.

3. It shall be unlawful to intentionally place, deposit, or otherwise dispose of construction debris in any public or private sewer.
 4. Airborne particles shall be controlled on the property at all times during work by means of a water truck and/or spraying equipment, or other water sources capable of spraying and thoroughly saturating all portions of the structure and surrounding property affected by the work. Spraying shall be undertaken at all times necessary to thoroughly control the creation and migration of airborne particles, including, without limitation, dust, from the subject property.
 5. No person shall operate or cause to be operated any radio, media player, telecommunications device or other such object at such a volume or in any other manner that would cause a nuisance or disturbance to any person.
 6. Every contractor shall be responsible for all actions of their employees, agents, and subcontractors under this subsection, and shall be responsible for all violations of the provisions of this subsection committed by such employees, agents, or subcontractors.
- d) Section R309.6 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R309.6 Residential driveways. Residential concrete and asphalt driveway slabs shall be a minimum of 4-inches thick. The driveway shall have a constant slope so as to avoid ponding of water. The slope shall be away from the house or building or drain by means approved by the City.
- e) Section R401.4.3 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R401.4.3 Soils report required. Foundation designs for new dwellings using the standards referenced in Subsection R404.1.2 shall submit a report from a registered design professional specifying the properties of the soil based on Table 405.1 prior the inspection of footings, if deemed necessary by the Building Code Official.
- f) Section R401.4.4 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R401.4.4 Johnson County Residential Foundation Guideline. Foundation designs for one-and two-family dwellings may use the approved standard design provided in the Johnson County Residential Foundation Guidelines in lieu of the prescriptive requirements of the 2012 International Residential Code as approved by the Building Code Official.
- g) Section R401.2.1 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R401.2.1 Design required. A design in accordance with accepted engineering practice shall be provided for concrete or masonry foundation walls when any of the conditions listed below exist:
1. Walls are subject to hydrostatic pressure from ground water.
 2. Walls supporting more than 48 inches (48") of unbalanced backfill that do not have permanent lateral support at the top and bottom.
 3. Sites containing CH, MH, OL, or OH soils as identified in Table R405.1.
 4. Foundation walls ten feet (10') or greater in height, measured from the top of the wall to the bottom of the footing.
 5. Lots identified on the subdivision grading plan as having more than six feet (6') of fill or having a finished slope steeper than 4 horizontal to 1 vertical before grading.

6. Footings and foundations with existing fill soils below the footing level.
 7. Sloping lots steeper than 4 to 1 before grading.
 8. Lots where some footings will bear on soil and others will bear on a different soil type, including rock.
 9. Areas where problems have historically occurred.
 10. Stepped footing and foundation walls.
- h) Section R403.1.1.1 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R403.1.1.1 Continuous footing reinforcement. Continuous footings for basement foundation walls shall have minimum reinforcement consisting of not less than two No. 4 bars, uniformly spaced, located a minimum 3 inches (3") clear from the bottom of the footing.
- i) Section R403.1.1.2 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added to read as follows: R403.1.1.2 Column pads. Column pads shall be a minimum of 24 inches by 24 inches and 8 inches deep (24" x 24" x 8"). Reinforcement shall consist of a minimum of three No. 4 bars each way, uniformly spaced.
- j) Section R506.2.5 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added to read as follows: R506.2.5 Basement floor slab isolation. Basement floor slabs shall be isolated from column pads, interior columns and interior bearing walls to facilitate differential movement. Nonbearing walls supported on basement floor slabs shall be provided with a minimum one inch (1") expansion joint to facilitate differential movement between the floor slab and the floor framing above. Isolation and/or an expansion joint is not required within six inches (6") of the exterior walls.
- k) Section R903.5 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added to read as follows: R903.5 Hail exposure. Hail exposure, as specified in Sections R903.5.1 and R903.5.2, shall be determined using Figure R903.5

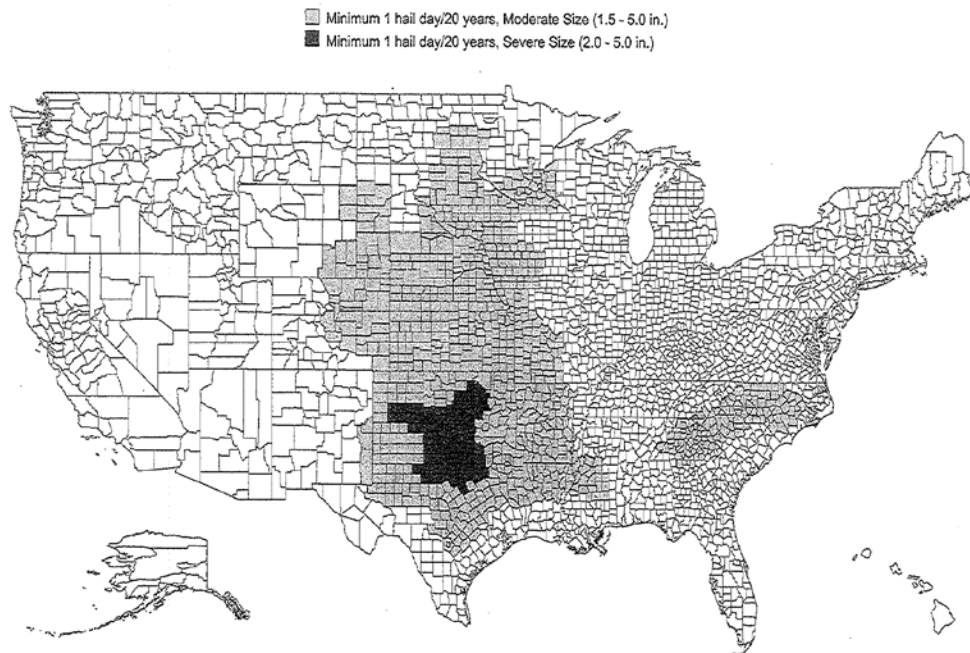


Figure R903.5
Hail Exposure Map

R903.5.1 Moderate hail exposure. One or more hail days with hail diameters larger than 1.5 inches (38 mm) in a 20-year period.

R903.5.2 Severe hail exposure. One or more hail days with hail diameters equal to or larger than 2.0 inches (51 mm) in a 20-year period.

- l) Section P2603.5.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added to read as follows: P2603.5.2 Cleanouts on building sewers. Cleanouts on building sewers shall be located as required by the appropriate authority having jurisdiction.
- m) Section P3002.2.1 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added to read as follows: P3002.2.1 Drainage pipe in filled ground. Where a building drain is installed on filled or unstable ground, the drainage pipe shall conform to one of the standards for ABS plastic pipe, cast-iron pipe, copper or copper-alloy tubing, or PVC plastic pipe listed in Table P3002.1(2).
- n) Section P3002.2.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added to read as follows: P3002.2.2 Sanitary and storm sewers. Where separate systems of sanitary drainage and storm drainage are installed in the same property, the sanitary and storm building sewers or drains shall be permitted to be laid side by side in one trench if approved by the appropriate authority having jurisdiction.
- o) Section E3902.5 of the 2012 International Residential Code for One- and Two-Family Dwellings shall have the following exceptions added to read as follows:
E3902.5 Unfinished basement receptacles.
Exceptions:
 - 1. A single receptacle supplying a permanently installed sump pump.
 - 2. A single receptacle supplied by a dedicated branch circuit that is located and identified for specific use by a cord- and plug-connected appliance such as a refrigerator or freezer.
- p) Section E3902.12 of the 2012 International Residential Code for One- and Two-Family Dwellings shall have the following exceptions added to read as follows:
E3902.12 Arc-fault circuit-interrupter protection.
Exceptions:
 - 1. A smoke alarm or carbon monoxide alarm shall not be considered an outlet and shall not be included in a branch circuit protected by an arc-fault circuit interrupter.
 - 2. This section shall not apply where existing dwelling unit premises' wiring circuits make the application of this section impracticable, as deemed by the Building Official.

Informational Note: Two examples of the application of this exception are where the existing dwelling unit has a multi-wire branch circuit or utilizes a listed panel board for which there is no listed device for the application of AFCI protection.

- q) Section E3902.13 of the 2012 International Residential Code for One- and Two-Family Dwellings shall have the following exception added to read as follows:

E3902.13 Arc-fault circuit interrupter protection for branch circuit extensions or modifications.

Exception: This section will not apply where existing dwelling unit premises wiring circuits make the application of this section impracticable, as determined by the Building Official.

Informational Note: Two examples of the application of this exception are where the existing dwelling unit has a multi-wire branch circuit or utilizes a listed panel board for which there is no listed device for the application of AFCI protection.

Section 22. That Section 500.045 is hereby repealed and replaced to read as follows:

SECTION 500.045: AMENDMENTS

- a) Section R101.1 Title. Amend the paragraph to read: These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of City of Mission, and shall be cited as such and will be referred to herein as "this code."
- b) Section R108.2 Schedule of permit fees. Amend the paragraph to read: On buildings, structures, electrical, gas, mechanical, and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as set forth by resolution of the City Council. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged. Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.
- c) Section R301.2 Climatic and geographic design criteria. Amend Table R301.2(1) to read:

TABLE R301.2(1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

| GROUND SNOW LOAD | WIND DESIGN | | SEISMIC DESIGN CATEGORY ^f | SUBJECT TO DAMAGE FROM | | | WINTER DESIGN TEMP ^e | ICE BARRIER UNDERLAYMENT REQUIRED ^h | FLOOD HAZARDS ^g | AIR FREEZING INDEX ⁱ | MEAN ANNUAL TEMP ^j |
|------------------|--------------------------|----------------------------------|--------------------------------------|-------------------------|-------------------------------|----------------------|---------------------------------|--|----------------------------|---------------------------------|-------------------------------|
| | Speed ^d (mph) | Topographic effects ^k | | Weathering ^a | Frost line depth ^b | Termite ^c | | | | | |
| 20 | 90 | No | A | Severe | 36" | M-H | 6°F | Yes | | 92.7 | 55°F |

- d) Section R302.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: R302.2 Townhouses. Each townhouse shall be considered a separate building and shall be separated by fire-resistance-rated wall assemblies meeting the requirements of Section 706 of the International Building Code, or when townhouses on both sides of the fire resistance rated wall assembly are equipped throughout with an automatic sprinkler system

installed in accordance with Section P2904, the wall separating the townhouses shall meet the requirements of sections 302.1, 302.2.1, 302.2, 302.2.3, and 302.2.4 of this Code.

Exception: When townhouses on both sides of the fire-resistance rated wall assembly are equipped throughout with an automatic sprinkler system installed in accordance with Section P2904, a common 1-hour fire-resistance rated wall assembly tested in accordance with ASTM E 199 or UL 263 is permitted for townhouses if such walls do not contain plumbing, mechanical equipment, ducts, or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against exterior walls and the underside of the roof sheathing. Electrical installations shall be installed in accordance with Chapters 34 through 43. Penetrations of electrical outlet boxes shall be in accordance with Section R302.4.

- e) Section R302.3 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: R302.3 Two-family dwellings. Two-family dwellings shall be separated in accordance with the requirements for townhouses as set forth in this Code.
- f) Section R303.4 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: R303.4 Mechanical Ventilation. Where the air infiltration rate of a dwelling unit is less than 3 air changes per hour when tested with a blower door at a pressure of 0.2 inch w.g. (50 Pa) in accordance with Section N1102.4.1.2, the dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3.
- g) Section R313.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: R313.2 One- and two-family dwellings automatic fire systems. An automatic residential fire sprinkler system may be installed in one- and two-family dwellings.

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system.

- h) Section R315.3 of the 2012 International Residential code for One- and Two-Family Dwellings is hereby amended to read as follows: R315.3 Where required in existing dwellings. Where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms shall be provided in accordance with Section R315.1.
Exceptions:
 - 1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, are exempt from the requirements of this section.
 - 2. Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section.
- i) Section R401 of the 2012 International Residential code for One- and Two-Family Dwellings is hereby amended to read as follows: R401.1 Application. The provisions of this chapter shall control the design and construction of the foundation and

foundation spaces for all buildings. In addition to the provisions of this chapter, the design and construction of foundations in flood hazard areas as established by Table R301.2(1) or the designated flood hazard areas shall meet the provisions of Section R322. Wood foundations shall be designed and installed in accordance with AF&PA PWF.

Foundation designs for one- and two-family dwellings may use the approved standards and designs provided in the Johnson County Residential Foundation Guidelines in lieu of the prescriptive requirements of Chapter 4 of this Code as approved by the Building Official.

Exception: The provisions of this chapter shall be permitted to be used for wood foundations only in the following situations:

1. In buildings that have no more than two floors and a roof.
2. When interior basement and foundation walls are constructed at intervals not exceeding 50 feet.

Wood foundations in Seismic Design Category D₀, D₁ or D₂ shall be designed in accordance with accepted engineering practice.

- j) Section R404.1.3 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: R404.1.3 Design required. A design in accordance with accepted engineering practice shall be provided for concrete or masonry foundation walls when any of the conditions listed below exist. Where applicable, a standard design approved by the City may be used in lieu of a design from the design professional. For new single family dwellings where standard designs approved by the City are used, the design professional sealing the plans shall specify the use of those designs on the approved plans or through a separate report.
1. Walls are subject to hydrostatic pressure from ground water.
 2. Walls supporting more than 48 inches (48") of unbalanced backfill that do not have permanent lateral support at the top and bottom.
 3. Sites containing CH, MH, OL, or OH soils as identified in Table R405.1
 4. Foundation walls exceeding nine feet (9') in height, measured from the top of the wall to the bottom of the slab.
 5. Lots identified on the subdivision grading plan as having more than six feet (6') of fill or having a finished slope steeper than 4 horizontal to 1 vertical before grading.
 6. Footings and foundations with existing fill soils below the footing level.
 7. Sloping lots steeper than 4 to 1 before grading.
 8. Lots where some footings will bear on soil and others will bear on rock.
 9. Areas where problems have historically occurred.
 10. Stepped footing and foundation walls.
 11. Garage floor slabs supported on more than 24 inches (24") of clean sand or gravel or eight inches (8") of earth.
- k) Section R602.6.1 of the 2012 International Residential Code for One –and Two Family Dwellings is hereby amended to read as follows: Section R602.6.1 Drilling and notching of top plate. When piping or ductwork is placed in or partly in an exterior wall or interior load-bearing wall, necessitating cutting, drilling or notching of the top plate by more than 50 percent of its width, a galvanized metal tie not less than 0.054

inch thick (1.37 mm) (16 gage) and 1 ½ inches (38 mm) wide shall be fastened across and to the plate at each side of the opening with not less than four 10d (0.148 inch diameter) nails having a minimum length of 1 ½ inches (38 mm) at each side or equivalent. The metal tie must extend a minimum of 6 inches past the opening. See Figure R602.6.1.

- l) Section R907.3 of the 2012 International Residential Code for One –and Two Family Dwellings is hereby amended to read as follows: R907.3 Recovering versus replacement. New roof coverings shall not be installed without first removing all existing layers of roof coverings where any of the following conditions exist:
1. Where the existing roof or roof covering is water-soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
 2. Where the existing roof covering is asphalt shingle, wood shake, slate, clay, cement or asbestos-cement tile.
 3. Where the existing roof has two or more applications of any type of roof covering.

Exceptions:

1. Complete and separate roofing systems, such as standing-seam metal roof systems, that are designed to transmit the roof loads directly to the building's structural system and that does not rely on existing roofs and roof coverings for support, shall not require the removal of existing roof coverings.
 2. Installation of metal panel, metal shingle, and concrete and clay tile roof coverings over existing wood shake roofs shall be permitted when the application is in accordance with Section R907.4.
 3. The application of new protective coating over existing spray polyurethane foam roofing systems shall be permitted without tear-off of existing roof coverings.
- m) Section N1101.1 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: N1101.1 Scope. This chapter regulates the energy efficiency for the design and construction of buildings regulated by this code.

As an alternative to the provisions of Chapter 11 of this code, structures validated by an accepted certified energy auditor to meet a HERS rating score of 85 or less shall be deemed to meet this Code. The energy auditor shall present national certification credentials to the Building Official for review and approval prior to issuance of the building permit, and no Certificate of Occupancy shall be issued for the structure until all documentation has been received and accepted that compliance is met.

Failure to meet the compliant rating of 85 or less shall result in a "notice" to the owner that the structure has failed to comply with this code. Such "notice" shall be signed by the contractor and the owner.

- n) Section N1101.3 (R101.4.3) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: N1101.3 (R101.4.3) Additions, alterations, renovations, or repairs. Additions, alterations, renovations or repairs to an existing building, building system or portion thereof shall conform to the provisions of this code as they relate to new construction without requiring the

unaltered portion(s) of the existing building or building system to comply with this code. Additions, alterations, renovations or repairs shall not create an unsafe or hazardous condition or overload existing building systems. An addition shall be deemed to comply with this code if the addition alone complies or if the existing building and addition comply with this code as a single building.

- o) Section N1101.8(R103.2) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: N1101.8 (R103.2) Information on Construction documents. Construction documents shall be drawn to scale upon suitable material. Electronic media documents are permitted to be submitted when *approved* by the Building Official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed, and show in sufficient detail pertinent data and features of the building, systems and equipment as herein governed. Details shall include, but are not limited to, insulation materials and their R-values; fenestration U-factors and SHGCs; area-weighted U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; economizer description; equipment and systems controls; fan motor horsepower (hp) and controls; duct sealing, duct and pipe insulation and location; (deleted light fixture information) and air sealing details.
- p) Table N1102.1.1 (R402.1.1) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows:

TABLE N1102.1.1 (R402.1.1)
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

| CLIMATE ZONE | FENESTRATION U-FACTOR ^b | SKYLIGHT U-FACTOR ^b | GLAZED FENESTRATION SHGC ^{b,e} | CEILING R-VALUE ^g | WOOD FRAME WALL R-VALUE | MASS WALL R-VALUE ^f | FLOOR R-VALUE | BASEMENT WALL R-VALUE ^c | SLAB R-VALUE & DEPTH ^d | CRAWL SPACE WALL R-VALUE ^c |
|--------------|------------------------------------|--------------------------------|---|------------------------------|-------------------------|--------------------------------|---------------|------------------------------------|-----------------------------------|---------------------------------------|
| 4 | .35 | .55 | .40 | 49 | 13 | 8/13 | 19 | 10/13 | NR | 10/13 |

For SI: 1 foot – 304.8 mm.

- a. R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table.
- b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. "10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement walls.
- d. R-5 shall be added to the required slab edge R-values for heated slabs.
- e. Or insulation sufficient to fill the framing cavity, R-19 minimum.
- f. The second R-value applies when more than half the insulation is on the interior of the mass wall.
- g. Loose-fill-insulation shall be installed at the rate recommended by the manufacturer's statement "so many bags per 1000 sq ft". Where the pitch of the roof restricts the "minimum thickness" at the exterior wall line, the insulation shall be blown into the cavity so as to achieve a greater compacted density to a point where the "minimum thickness" can be achieved. An alternative is to install high-density batts around the perimeter edge per N1102.2.

- q) Table N1102.4.1.1 (R402.4.1.1) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows:

TABLE N1102.4.1.1 (R402.4.1.1)
AIR BARRIER AND INSULATION INSTALLATION

| COMPONENT | CRITERIA |
|---|---|
| Air barrier and thermal barrier | A continuous air barrier shall be installed in the building envelope. Exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed. Air-permeable insulation shall not be used as sealing material. |
| Ceiling/attic | The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier sealed. Access opening, drop down stair or knee wall doors to unconditioned attic spaces shall be sealed. |
| Walls | Corners and the junction of the foundation and sill plate shall be sealed. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier. Knee walls shall be sealed. |
| Windows, skylights and doors | The space between window/door jambs and framing and skylights and framing shall be sealed. |
| Rim joists | Rim shall be sealed to prevent air leakage. |
| Floors (including above-garage and cantilevered floors) | Insulation shall be installed to maintain permanent contact with underside of subfloor decking. The air barrier shall be installed at any exposed edge of insulation. |
| Crawl space walls | Where provided in lieu of floor insulation, insulation shall be permanently attached to the crawlspace walls. Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped. |
| Shafts, penetrations | Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed. |
| Narrow cavities | Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space. |
| Garage separation | Air sealing shall be provided between the garage and conditioned spaces. |
| Recessed lighting | Recessed light fixtures installed in the building thermal envelope shall be air tight, IC rated, and sealed to the drywall. |
| Plumbing and wiring | Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring. |
| Shower/tub on exterior wall | Exterior walls adjacent to showers and tubs shall be insulated and the air barrier installed separating them from the showers and tubs. |
| Electrical/phone box on exterior walls | The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed. |
| HVAC register boots | HVAC register boots that penetrate building thermal envelope shall be sealed to the sub floor or drywall. |
| Fireplace | An air barrier shall be installed on fireplace walls. |

- r) Section N1102.4.1.2 (R402.4.1.2) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: N1102.4.1.2 (R402.4.1.2) Testing. *Where required by the Building Official*, the building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 5 air changes per hour. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Where required by the Building Official, testing shall be conducted by an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the Building Official.

Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
3. Interior doors, if installed at the time of the test, shall be open;
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
6. Supply and return registers, if installed at the time of the test, shall be fully open.

- s) Section N1103.2.2 (R403.2.2) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: N1103.2.2 (R403.2.2) Sealing (Mandatory). Ducts, air handlers, and filter boxes shall be sealed. Joints and seams shall comply with Section M1601.4.1 of this code.

Exceptions:

1. Air-impermeable spray foam products shall be permitted to be applied without additional joint seals.
2. Where a duct connection is made that is partially inaccessible, three screws or rivets shall be equally spaced on the exposed portion of the joint so as to prevent a hinge effect.
3. Continuously welded and locking-type longitudinal joints and seams in ducts operating at static pressures less than two inches (2") of water column (500 Pa) pressure classification shall not require additional closure systems.

Where required by the Code Official, duct tightness shall be verified by either of the following:

1. Post construction test: Total leakage shall be less than or equal to 4 cfm (113.3L/min) per 100 square feet (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. All register boots shall be taped or otherwise sealed during the test.
2. Rough-in test: Total leakage shall be less than or equal to 4 cfm (113.3 L/min) per 100 *ft² square feet* (9.29 m²) of conditioned floor area when tested at a pressure differential of 0.1 inches w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure. All registers shall be taped or otherwise sealed during the test. If the air handler is not installed at the time of the test, total leakage shall be less than or equal to 3 cfm (85 L/min) per 100 square feet (9.29m²) of conditioned floor area.

Exceptions:

1. The total leakage test is not required for ducts and air handlers located entirely within the building thermal envelope.

2. On the post construction test, it is permissible to test for "leakage to the outdoors" versus a "total leakage." Leakage to the outdoors shall be less than or equal to 8 cfm per 100 square feet of conditioned floor area.
- t) Section N1104.1 (R404.1) of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: N1104.1 (R404.1) Lighting equipment (Mandatory). Fuel gas lighting systems shall not have continuously burning pilot lights.
- u) Section M1507.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended to read as follows: M1507.2 Recirculation of air. Exhaust air from bathrooms and toilet rooms shall not be recirculated within a residence or to another dwelling unit and may be exhausted into a ventilated attic with the discharge point at least six (6) inches above insulation.
- v) Section P2503.3 of the 2012 International Residential Code for One-and Two-Family Dwellings is hereby amended to read as follows: P2503.3 Responsibility of permittee. The permit holder shall provide the test prescribed in Sections P2503.5 through P2503.8. Test equipment, materials and labor shall be furnished by the permittee. Exceptions:
1. The testing of the DWV rough plumbing system shall be done in accordance with Section P2503.5.1 when required by the Code Official.
 2. The testing of the building sewer shall be done in accordance with Section P2503.4 when required by the Code Official.
- w) Section P2603.5.1 of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: P2603.5.1 Sewer depth. *Building sewers* shall be installed as required by the appropriate authority having jurisdiction.
- x) Section P2905.4.2 of the International Residential Code for One and Two-Family Dwellings is hereby amended to read as follows: P2905.4.2 Water service installation. Trenching, pipe installation and backfilling shall be in accordance with Section P2604. Where the *building sewer* is installed within 5 feet (1,524 mm) of the water service, the installation shall comply with the provisions provided by the appropriate authority having jurisdiction.

Exception: The required separation distance shall not apply where a water service pipe crosses a sewer pipe, provided that the water service pipe is sleeved not less than 5 feet (1,524 mm), horizontally from the sewer pipe centerline, on both sides of the crossing with pipe materials listed in Table P2905.4, P3002.1(1), P3002.1(2), or P3002.2.

- y) Section E3902.2 of the International Residential Code for One-and Two-Family Dwellings is hereby amended to read as follows: E3902.2 Garage and accessory building receptacles. All 125 volt, single-phase, 15- or 20-ampere receptacles installed in garages and grade-level portions of unfinished accessory buildings used for storage or work areas shall have ground-fault circuit-interrupter protection for personnel. Exceptions:
1. Receptacles supplying only garage doors.
 2. Receptacles supplying only refrigerators or freezers.

z) Section E3902.5 of the International Residential Code for One-and Two-Family Dwellings is hereby amended to read as follows: E3902.5 Unfinished basement receptacles. All 125 volt, single-phase, 15- and 20-ampere receptacles installed in finished basements shall have ground-fault circuit-interrupter protection for personnel. For purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

Exceptions:

1. A receptacle supplying only a permanently installed fire alarm or burglar alarm system.
2. A receptacle supplying only a sump pump.

aa) Section E3902.12 of the 2012 International Residential Code for One-and Two-Family Dwellings is hereby amended to read as follows: E3902.12 Arc-fault circuit-interrupter protection. All branch circuits that supply 120-volt, single phase, 15- and 20-ampere outlets installed in family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, and similar rooms or areas shall be protected by a combination type arc-fault circuit interrupter installed to provide protection of the branch circuit. For these purposes, a smoke alarm shall not be considered an outlet and shall not be included in the arc-fault circuit.

Exceptions no. 1, 2, and 3 apply.

Add exception 4 to read: This section will not apply where existing dwelling unit premises wiring circuits make the application of this section impracticable, as determined by the Building Official.

Informational Note: One example of the application of this exception is where the existing dwelling unit utilizes a listed panelboard for which there is no listed device for the application of AFCI protection for a multi-wire branch circuit.

Section 23. That Section 500.050 is hereby repealed and replaced to read as follows:

ARTICLE IV. INTERNATIONAL FUEL GAS CODE

SECTION 500.050: ADOPTION

The International Fuel Gas Code, 2012 Edition, published by the International Code Council.

Section 24. That Section 500.051 is hereby repealed and replaced to read as follows:

SECTION 500.051: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 25. That Section 500.052 is hereby reserved

SECTION 500.052: RESERVED

Section 26. That Section 500.053 is hereby repealed and replaced to read as follows:

SECTION 500.053: DELETIONS

The following provisions of the International Fuel Gas Code, as adopted, shall be deleted and not applicable under this Code:

- a) Section 109: Means of Appeal.

Section 27. That Section 500.054 is hereby reserved

SECTION 500.054: RESERVED

Section 28. That Section 500.055 is hereby repealed and replaced to read as follows:

SECTION 500.055: AMENDMENTS

- a) Section 101.1 Title. Amend the paragraph to read: These regulations shall be known as the Fuel Gas Code of Johnson County, hereinafter referred to as "this Code."
- b) Section 106.4.3 of the International Fuel Gas Code, as adopted, shall be amended to read: 106.4.3 Expiration: "Every permit issued by the Building Code Official under the provisions of this Code shall expire by limitation and become null and void if:
 - 1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
 - 2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, and the fee therefore shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee.

- c) Section 106.6.2 of the International Fuel Code, as adopted, shall be amended to read: Section 106.6.2 Schedule of permit fees. Amend the paragraph to read: The fees for work requiring a permit shall be paid as adopted by resolution of the City Council.

When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged.

Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action

on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

- d) Section 106.6.3 of the International Fuel Gas Code, as adopted, shall have sentences 2 and 3 amended to read:
 - 1. Not more than 100% of the permit fee paid when no work has been done under a permit issued in accordance with this Code.
 - 2. Not more than 100% of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

- e) Section 108.4 of the International Fuel Gas Code, as adopted, shall be amended to read: 108.4 Violation penalties. It shall be unlawful for any person, firm or corporation to violate a provision of the Code or who shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair fuel gas work in violation of the approved construction documents or directive of the Building Code Official, or of a permit or certificate issued under the provisions of this Code. Violation of any provision of this Code shall be unlawful, punishable upon conviction as provided by law. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.

- f) Section 108.5 of the International Fuel Gas Code, as adopted, shall be amended to read: 108.5 Stop work orders. Upon notice from the Building Code Official, work on any plumbing or gas system that is being done contrary to the provisions of this Code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the Building Code Official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as the person is directed to perform to remove a violation or unsafe conditions, shall be subject to penalties as prescribed by law.

Section 29. That Section 500.060 is hereby repealed and replaced to read as follows:

ARTICLE V. INTERNATIONAL PLUMBING CODE

SECTION 500.060: ADOPTION

The International Plumbing Code, 2012 Edition, including Appendix Chapters C, E, and F, published by the International Code Council.

Section 30. That Section 500.061 is hereby repealed and replaced to read as follows:

SECTION 500.061: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 31. That Section 500.062 is hereby added to read as follows:

SECTION 500.062: DEFINITIONS

For the purposes of the International Plumbing Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "Building Official" shall also be known as the "Code Official" or "Administrative Authority" and shall have the duty of enforcing all provisions of this code.

Section 32. That Section 500.063 is hereby repealed and replaced to read as follows:

SECTION 500.063: DELETIONS

The following provisions shall be deleted:

- a) Section 103. Department of Plumbing Inspection.
- b) Section 312.10. Inspection and testing of backflow prevention assemblies.
- c) Section 312.6. Gravity sewer test.
- d) Section 312.7. Forced sewer test.
- e) Section 312.10.1. Inspections.
- f) Section 109 Means of Appeal

Section 33. That Section 500.064 is hereby repealed and replaced to read as follows:

SECTION 500.064: ADDITIONS

- a) The following paragraph shall be added at the end of Section 1202.1 of the International Plumbing Code, as adopted:
Section 1202.1 Nonflammable medical gases.
 - 1. On and after January 1, 2011, no person shall install, improve, repair, maintain or inspect a medical gas piping system within a county or city unless such person: (a) is licensed under the provisions of K.S.A. 12-1508 et seq., and amendments thereto; and (b) is certified under the appropriate professional qualifications standard or standards of ASSE Series 6000. All installers shall obtain a proper permit from the county or city for which the medical gas is being installed, all inspections shall be done by a third party agency certified under the appropriate professional qualifications standard or standards of ASSE Series 6000 for medical gas systems inspectors and all documentation of the inspections and certifications of installers and inspectors shall be provided to the county or city prior to any occupancy of the building or unit of the building in which the medical gas piping has been installed until an occupancy permit is issued.
 - 2. As used in this subsection, "medical gas piping" means the piping used solely to transport gasses used for medical purposes at a health care facility.

Section 34. That Section 500.065 is hereby repealed and replaced to read as follows:

SECTION 500.065: AMENDMENTS

- a) Section 101.1 Title. Amend the following paragraph to read: These regulations shall be known as the International Plumbing Code of the City of Mission, hereinafter referred to as "this code".
- b) Section 106.6.2 of the International Plumbing Code, as adopted, shall be amended to read: 106.6.2 Fee Schedule. The fees for work requiring a permit shall be paid as adopted by resolution of the City Council. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged. Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.
- c) Section 106.6.3 of the International Plumbing code, as adopted, shall have sentences 2 and 3 amended to read:
 2. Not more than 100% of the permit fee paid when no work has been done under a permit issued in accordance with this Code.
 3. Not more than 100% of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.
- d) Section 108.4 of the International Plumbing Code, as adopted, shall be amended to read: 108.4 Violation penalties. It shall be unlawful for any person, firm or corporation to violate a provision of this Code or who shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the Building Code Official, or of a permit or certificate issued under the provisions of this Code. Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.
- e) Section 108.5 of the International Plumbing Code, as adopted, shall be amended to read: 108.5 Stop work orders. Upon notice from the Building Code Official, work on any plumbing system that is being done contrary to the provisions of this Code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the Building Code Official shall not be required to give a written notice prior to stopping the work. Any person who

shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

- f) Section 305.4.1 of the International Plumbing Code, as adopted, shall have the paragraph amended to read: 305.4.1 Sewer Depth. Building sewers that connect to private sewage disposal systems shall be installed not less than the depth required by the appropriate authority having jurisdiction. Building sewers shall be installed not less than the depth specified by the appropriate authority having jurisdiction.
- g) Section 403.2 of the International Plumbing Code, as adopted, shall be amended to read: 403.2 Separate facilities. Where plumbing fixtures are required, separate facilities shall be provided for each sex.
Exceptions:
1. Separate facilities shall not be required for private facilities, including dwelling units and sleeping units.
 2. Separate employee facilities shall not be required in occupancies in which 15 or less people are employed.
 3. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or less.
 4. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 50 or less.
- h) Section 703 of the International Plumbing Code, as adopted, shall be amended to read: 703.1 Building sewer pipe near the water service. Where the building sewer is installed within 5 feet (1524 mm) of the water service, the installation shall comply with the provisions provided by the appropriate authority having jurisdiction
703.2 Drainage pipe in filled ground. Where a building drain is installed on filled or unstable ground, the drainage pipe shall conform to one of the standards for ABS plastic pipe, cast-iron pipe, copper or copper-alloy tubing, or PVC plastic pipe listed in Table 702.3.
703.3 Sanitary and storm sewers. Where separate systems of sanitary drainage and storm drainage are installed in the same property, the sanitary and storm building sewers or drains shall be permitted to be laid side by side in one trench if approved by the appropriate authority have jurisdiction.
703.4 Existing building sewers and drains. Existing building sewers and drains shall connect with new building sewer and drainage systems only where found by examination and test to conform to the new system in quality of material. The code official shall notify the owner to make the changes necessary to conform to this code.
703.5 Cleanouts on building sewers. Cleanouts on building sewers shall be located as required by the appropriate authority having jurisdiction.
- i) Section 708.3.2 of the International Plumbing Code, as adopted, shall be amended to read: 708.3.2 Building Sewers. Building sewers shall be provided with cleanouts located as required by the appropriate authority having jurisdiction.
- j) Section 903.1 of the International Plumbing Code, as adopted, shall be amended to read: 903.1 Roof extension. All open vent pipes that extend through a roof shall be terminated at least six inches (6") above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least seven feet (7') above the roof.

Section 35. That Section 500.070 is hereby repealed and replaced to read as follows:

ARTICLE VI. INTERNATIONAL MECHANICAL CODE

SECTION 500.070: ADOPTION

The International Mechanical Code 2012 Edition, published by the published by the International Code Council.

Section 36. That Section 500.071 is hereby repealed and replaced to read as follows:

SECTION 500.071: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 37. That Section 500.072 is hereby reserved

SECTION 500.072: RESERVED

Section 38. That Section 500.073 is hereby repealed and replaced to read as follows:

SECTION 500.073: DELETIONS

The following provisions shall be deleted:

- a) Section 109: Means of Appeal.

Section 39. That Section 500.074 is hereby repealed and replaced to read as follows:

SECTION 500.074: ADDITIONS

- a) The following subsection shall be added at the end of Section 102 of the International Mechanical Code, as adopted: 102.12 State Boiler Inspector. Where permits are issued and portions of the work require inspection and approval of boilers and pressure vessels by the state of Kansas, those portions of the work will comply with the state requirements in lieu of compliance with the technical provisions of this Code. Contact the State Boiler Inspector at the State Department of Human Resources for complete information regarding state requirements. State approval is generally required for all boilers that require permits.

Exceptions:

1. Boilers serving individual dwelling units and their accessory structures.
2. Boilers serving apartment houses with less than five (5) families.
3. Pressure vessels that do not exceed 15 cubic feet and 250 psi.

Section 40. That Section 500.075 is hereby repealed and replaced to read as follows:

SECTION 500.075: AMENDMENTS

- a) Section 101.1 of the International Mechanical Code, as adopted, shall be amended to read: Section 101.1 Title. These regulations shall be known as the Mechanical Code of Mission, Kansas, hereinafter referred to as "this Code".
- b) Section 106.4.3 of the International Mechanical Code, as adopted, shall be amended to read: 106.4.3 Expiration: "Every permit issued by the Building Code Official under the provisions of this Code shall expire by limitation and become null and void if:
 - 1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
 - 2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, and the fee therefore shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee.

- c) Section 106.5.2 of the International Mechanical Code, as adopted, shall be amended to read: 106.5.2 Fee Schedule. The fees for work requiring a permit shall be paid as adopted by resolution of the City Council. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged. Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.
- d) Section 106.5.3 of the International Mechanical Code, as adopted, shall have sentences 2 and 3 amended to read:
 - 2. Not more than 100% of the permit fee paid when no work has been done under a permit issued in accordance with this Code.
 - 3. Not more than 100% of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.
- e) Section 108.4 of the International Mechanical Code, as adopted, shall be amended to read: 108.4 Violation Penalties. It shall be unlawful for any person, firm or corporation to violate a provision of this Code or who shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair plumbing work in violation of the approved construction documents or directive of the Building Code Official, or of a permit or certificate issued under the provisions of this Code. Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall

also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.

- f) Section 108.5 of the International Mechanical Code, as adopted, shall be amended to read: 108.5 Stop work orders. Upon notice from the Building Code Official, work on any mechanical system that is being done contrary to the provisions of this Code or in a dangerous or unsafe manner shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, or to the owner's agent, or to the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the Building Code Official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

Section 41. That Section 500.080 is hereby repealed and replaced to read as follows:

ARTICLE VII. INTERNATIONAL EXISTING BUILDING CODE

SECTION 500.080: ADOPTION

The International Existing Building, Code 2012, Edition, published by the International Code Council, including Appendix Chapters A and B.

Section 42. That Section 500.081 is hereby repealed and replaced to read as follows:

SECTION 500.081: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 43. That Section 500.082 is hereby repealed and replaced to read as follows:

SECTION 500.082: DEFINITIONS

For the purposes of the International Existing Building Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "code official" shall in all instances mean the Building Code Official.
- b) The term "Board of Appeals" shall in all instances mean the Board of Code Review.

Section 44. That Section 500.083 is hereby repealed and replaced to read as follows:

SECTION 500.083: DELETIONS

The following provisions shall be deleted:

1. Section 112: Board Of Appeals.

Section 45. That Section 500.084 is hereby repealed and replaced to read as follows:

SECTION 500.084: ADDITIONS

- a) Section 113.4 Violation Penalties. At the end of the paragraph add the following language: Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.

Section 46. That Section 500.085 is hereby repealed and replaced to read as follows:

SECTION 500.085: AMMENDMENTS

- a) Section 101.1 Title. Amend the paragraph to read: These provisions shall be known as the Existing Building Code of The City of Mission, and shall be cited as such and will be referred to herein as "this code."
- b) 105.5 Expiration. Amend the paragraph to read: "Every permit issued by the Building Code Official under the provisions of this Code shall expire by limitation and become null and void if:
 - 1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
 - 2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, and the fee therefore shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee. The Building Code Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

- c) Section 108.2 Schedule of permit fees. Amend the paragraph to read: On buildings, electrical, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required in accordance with the schedule as adopted by resolution of the City Council.
- d) 113.3 Prosecution of violation. Amend the paragraph to read: Any person failing to comply with a notice of violation or order shall be deemed guilty of an unlawful act. If the notice of violation is not complied with, the Building Code Official may request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.
- e) Section 113.4 Violation Penalties. At the end of the paragraph add the following language: Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or

continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.

Section 47. That Section 500.090 is hereby repealed and replaced to read as follows:

ARTICLE VIII. NATIONAL ELECTRICAL CODE

SECTION 500.090: ADOPTION

The National Electrical Code, 2011 Edition, published by the National Fire Protection Association, Inc., including (ii) Chapter 9- Tables; and (ii) Annex Chapters A, B, C, D, F, G, H, I.

Section 48. That Section 500.091 is hereby repealed and replaced to read as follows:

SECTION 500.091: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 49. That Section 500.092 is hereby repealed and replaced to read as follows:

SECTION 500.092: DEFINITIONS

For the purposes of the National Electrical Code, 2011 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "authority having jurisdiction" shall in all instances mean the Building Code Official.

Section 50. That Section 500.093 is hereby repealed and replaced to read as follows:

SECTION 500.093: DELETIONS

The following provisions shall be deleted:

- a) Section 80.15. Electrical Board.
- b) Section 80.23 (B) (3). Penalties.
- c) Section 80.25 (C). Notification.
- d) Section 80.25 (D). Other Territories.
- e) Section 80.27. Inspector's Qualifications.
- f) Section 80.33. Repeal of Conflicting Acts.
- g) Section 80.35. Effective Date.

Section 51. That Section 500.094 is hereby repealed and replaced to read as follows:

SECTION 500.094: ADDITIONS

- a) Section 80.19 (E) of the National Electrical Code, as adopted, shall have the following paragraph added to read: Section 80.19 (E). Fees. The fees for work requiring a permit shall be paid as adopted by resolution of the City Council. When permit fees are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review.

The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 80.19 (E), and is in addition to the permit fees. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items, an additional plan review fee shall be charged.

Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

- b) Section 80.19 (G) (7) of the National Electrical Code, as adopted, shall have the following paragraph added to read: Every permit issued by the Building Code Official under the provisions of this Code shall expire by limitation and become null and void if:
1. The building or work authorized by such permit is not commenced within 180 days from the date of such permit, or
 2. The building or work authorized by such permit has not progressed to the point of the next required inspection within 180 days of either the issuance of the permit, or from the date of the last inspection.

Before such work can be recommenced, a new permit shall be first obtained to do so, and the fee therefore shall be one half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that the untimely progress has not exceeded one year. In order to renew action on a permit that has expired for a period exceeding one year, the permittee shall pay a new full permit fee. The Building Code Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

- c) Section 80.23. Notice of Violations, Penalties. (B) Penalties. (3). A new paragraph shall be added to the section as follows: Violation of any provision of this Electrical Code shall be an unlawful act. Each separate day or any portion thereof during which any violation of this Electrical Code continues, shall be deemed to constitute a separate offense, and shall be punishable as provided for in Municipal Code Section 100.100.

- d) Section 250.52 of the National Electrical Code, as adopted, shall have the following paragraph added to read: Where none of the electrodes specified in Section 250.52 is available, two or more of the electrodes specified in 250.52 (5) shall be used. They shall be connected in the manner specified in Section 250.53 to a minimum of two separate grounding electrode conductors.

Section 52. That Section 500.095 is hereby repealed and replaced to read as follows:

SECTION 500.095: AMENDMENTS.

- a) Section 80.2 of the National Electrical Code, as adopted, shall be amended to read:
80.2 Definitions.
Authority Having Jurisdiction. The organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure.
The Building Official is designated by the authority having jurisdiction and is responsible for administering the requirements of this Code.
- b) Section 80.13 of the National Electrical Code, as adopted, shall be amended to read:
80.13 Authority (13). Whenever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the authority having jurisdiction shall be permitted to require that such work be exposed for inspection. The authority having jurisdiction shall be notified when the installation is ready for inspections and shall conduct the inspection in a timely manner.
- c) Section 80.19 (F)(3) of the National Electrical Code, as adopted, shall be amended to read: (F) Inspections and Approvals. When any portion of the electrical installation within the jurisdiction of an Electrical Inspector is to be hidden from view by the permanent placement of the building, the person, firm, or corporation installing the equipment shall notify the Electrical Inspector, and such equipment shall not be concealed until it has been approved by the Electrical Inspector.
- d) Section 80.29 of the National Electrical Code, as adopted, shall be amended to read:
80.29 Liability for Damages. Article 80 shall not be construed to affect the responsibility or liability of any party owning, designing, operating, controlling, or installing any electric equipment for damages to persons or property caused by a defect therein, nor shall the City or any of its employees be held as assuming any such liability by reason of the inspection, reinspection, or other examination authorized.
- e) Section 210.12 (A) of the National Electrical Code, as adopted, shall be amended to read: (A). Dwelling Units. All 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination type installed to provide protection of the branch circuit. For these purposes, a smoke alarm shall not be considered an outlet and shall not be included in the arc-fault circuit.

Exceptions no. 1, 2, and 3 apply.

Add exception 4 to read: This section will not apply where existing dwelling unit premises wiring circuits make the application of this section impracticable, as determined by the Building Official.

Informational Note: One example of the application of this exception is where the existing dwelling unit utilizes a listed panelboard for which there is no listed device for the application of AFCI protection for a multi-wire branch circuit.

- f) Section 547.5 (E) of the National Electrical Code, as adopted, shall be amended to read: Article 547.5 (E) Physical Protection. All electrical wiring and equipment subject to physical damage shall be protected. All electrical wiring and equipment subject to physical damage by livestock shall be protected to a minimum height of 8 feet.

Section 53. That Section 500.100 is hereby repealed and replaced to read as follows:

ARTICLE IX. INTERNATIONAL PROPERTY MAINTENANCE CODE

SECTION 500.100: ADOPTION

The International Property Maintenance Code, 2012 Edition, published by International Code Council.

Section 54. That Section 500.101 is hereby amended to read as follows:

SECTION 500.101: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 55. That Section 500.102 is hereby repealed and replaced to read as follows:

SECTION 500.102: DEFINITIONS

The following words and phrases shall have the following meanings:

- a) The term "code official" shall in all instances mean the Community Development Department Director of the City of Mission, or his/her representative.
- b) The term "Board of Appeals" shall in all instances mean the Board of Code Review.

Section 56. That Section 500.103 is hereby repealed and replaced to read as follows:

SECTION 500.103: DELETIONS. The following provisions of the International Property Maintenance Code, as adopted, shall be deleted and not applicable under this code:

- a) 103.2 Appointment

Section 57. That Section 500.104 is hereby repealed and replaced to read as follows:

SECTION 500.104: ADDITIONS

- a) Section 101.5 of the 2012 International Property Maintenance Code is hereby added to read as follows: 101.5 General. The Code Official, or, where appropriate, the City Council, is authorized, subject to any adopted policies or administrative rules or regulations, to take the following actions to bring the subject property into compliance with this code or other resolutions of the City. Those actions include, without being limited to, abatement of the violation, vacation of the premises until the violation is corrected, prohibition of occupancy of the premises until the violation is corrected, issuance of a Notice to Appear in Court, injunctive or other relief in Court, suspension or revocation of any licenses pertaining to the premises that remain in violation, and any other necessary or appropriate actions authorized by any applicable law, resolution, statute, rule or regulation. If no public necessity is found for the immediate demolition of the structure or premises, the Code Official or City Council may take such other action, including, without limitation, causing the property to be cleaned, cleared, vacated, secured or otherwise repaired or any other action deemed necessary to promote the public health, safety or general welfare. The provisions of Chapter 500, Article XIV Enforcement, Violations And Penalties shall be made applicable to this section and pursuant to those provisions and any other applicable laws, statutes, resolutions, rules or regulations, the property owner may be charged for the costs incurred by the City in taking any actions to abate or correct such unlawful conditions, including administrative fees, and a lien may be placed on the property for any such unpaid costs and fees. The Community Development Director shall designate the division, employee or agency of the City to enforce this code, and such designee shall, for the purposes of this code, be known as the "Code Official." In this code the term "Department of Property Maintenance Inspection" shall be used synonymously with the term "Code Official."
- b) The following section shall be added to the designated International Property Maintenance Code, as adopted: 108.1.3 Posting structures unfit for human occupancy. The Code Official shall cause any building or structure deemed unfit for human occupancy to be posted at each entrance thereto with a notice reading:

| |
|---|
| <p>SUBSTANDARD BUILDING DO NOT OCCUPY It is unlawful to occupy this building or to remove or deface this notice Code Official Mission, Kansas</p> |
|---|

Section 58. That Section 500.105 is hereby repealed and replaced to read as follows:

SECTION 500.105: AMENDMENTS

- a) Section 101.1 of the International Property Maintenance Code, as adopted, shall be amended to read: 101.1 Title. These regulations shall be known as the Property Maintenance Code of the City of Mission, Kansas, hereinafter referred to as "this code."
- b) Section 102.3 of the International Property Maintenance Code, as adopted, shall be amended to read: 102.3 Application of other codes. Repairs, additions or alterations to a structure, or changes of occupancy, shall be done in accordance with the

procedures and provisions of the 2012 International Building Code, 2012 International Residential Code, 2012 International Plumbing Code, 2012 International Mechanical Code, 2012 International Fuel Gas Code, and the NFPA 70 National Electrical Code, 2011 Edition. Where the term ICC Electrical Code is used in other portions of this code, the term shall be used synonymously with the term "NFPA 70 National Electrical Code, 2011 Edition."

REFERENCED STANDARDS. Chapter 13 – Referenced Standards of the 2012 International Mechanical Code, shall be amended to read:
NFPA 70-99 – National Electric Code, 2011 Edition

- c) Section 103.5 of the International Property Maintenance Code, as adopted, shall be amended to read: 103.5 Fees. The fees for activities and services performed by the department in carrying out its responsibilities under this code shall be in accordance with the fee schedule as adopted by the City Council.
- d) Section 105.4 of the International Property Maintenance Code, as adopted, shall be amended to read: 105.4 Material and equipment reuse. Materials, equipment and devices shall not be reused until a written request to do so has been submitted to, and accepted by the Code Official. All elements must be in good repair or have been reconditioned, tested, and placed in good and proper working condition.
- e) Section 302.3 of the International Property Maintenance Code, as adopted, shall be amended to read: 302.3 Sidewalks and driveways. All sidewalks, walkways, stairs, driveways, parking spaces and similar areas shall be kept in a proper state of repair and maintained free from hazardous conditions. Gravel driveways and parking areas shall conform to the following standards:
 - 1. Boundaries must be kept defined and provide means of maintaining gravel within perimeters;
 - 2. Gravel must completely cover surface area of drive;
 - 3. Acceptable gravel will be limited to crushed or naturally occurring rock of one(1) inch nominal diameter or less;
 - 4. Grass and other vegetation growth must be eliminated;
 - 5. Gravel drives or parking areas may not be expanded nor newly built;
 - 6. In the event a structure is demolished or destroyed and rebuilt, all drives and/or parking areas must be brought into compliance with all current zoning and development standards.
- f) Section 303.14 of the International Property Maintenance Code, as adopted, shall be amended to read: 303.14 Insect screens. During the period from March 1 to October 31, every door, window and other outside opening required for ventilation of habitable rooms, food preparation areas, food service areas, or any areas where products to be included or utilized in food for human consumption are processed, manufactured, packaged or stored, shall be supplied with approved tightly fitting screens of not less than 16 mesh per inch (16 mesh per 25mm) and every swinging door shall have a self-closing device in good working condition.
- g) Section 602.3 of the International Property Maintenance Code, as adopted, shall be amended to read: 602.3 Heat supply. Every owner and operator of any building who rents, leases or lets one or more dwelling unit, rooming unit, dormitory or guestroom on terms, either expressed or implied, to furnish heat to the occupants thereof shall supply heat during the period from October 1 to May 1, to maintain a temperature of

not less than 65 degrees F (18 degrees C) in all habitable rooms, bathrooms, and toilet rooms.

Exception: When the outdoor temperature is below the winter outdoor design temperature for the locality, maintenance of the minimum room temperature shall not be required provided that the heating system is operating at its full design capacity. The winter outdoor design temperature for the locality shall be as indicated in Appendix D of the International Plumbing Code.

- h) Section 602.4 of the International Property Maintenance Code, as adopted, shall be amended to read: 602.4 Occupiable work spaces. Indoor occupiable work spaces shall be supplied with heat during the period from October 1 to May 1 to maintain a temperature of not less than 65 degrees F (18 degrees C) during the period the spaces are occupied.

Exceptions:

1. Processing, storage and operation areas that require cooling or special temperature conditions.
2. Areas in which persons are primarily engaged in vigorous physical activities.

- i) Section 604.2 of the International Property Maintenance Code, as adopted, shall be amended to read: 604.2 Service. The size and usage of appliances and equipment shall serve as a basis for determining the need for additional facilities in accordance with the National Electrical Code. Dwelling units shall be served by a three-wire, 120/240 volt, and single-phase electrical service having a rating of not less than 100 amperes. Alternate service configurations may be approved by the Code Official

Section 59. That Section 500.108 is hereby repealed and replaced to read as follows:

ARTICLE X. INTERNATIONAL FIRE CODE

SECTION 500.108: ADOPTION

The International Fire Code, 2012 Edition, published by the International Code Council, Inc., including Appendix Divisions B, C, D, E, F, G, H, I, J, and referenced standards in Chapter 45, shall be provided hereafter.

Section 60. That Section 500.109 is hereby repealed and replaced to read as follows:

SECTION 500.109: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 61. That Section 500.110 is hereby repealed and replaced to read as follows:

SECTION 500.110: DEFINITIONS

For the purposes of the International Fire Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "chief" and "fire code official" shall in all instances mean the Building Code Official of Mission, Kansas, except in those instances where the International Fire Code addresses:
 - 1. The responsibility for the prevention of fires, as otherwise mandated by another rule, regulation, or law; or
 - 2. The suppression or extinguishment of dangerous or hazardous materials; or
 - 3. The investigation of the cause, origin, and circumstances of fire and unauthorized releases of hazardous materials; in which instances the term shall mean Fire District Fire Chief.
- b) In those instances where the fire-flow requirements and subdivision guidelines contained within this Code refer to a "hydrant", it is intended that the hydrant be supplied by a conventional water source such as a water line, and that the hydrant be located in close proximity to the residence. If water is available from a non-conventional source, such as a pond or stream, the Building Code Official may make a determination that the non-conventional source provides substantially equivalent fire-flow to the residence.
- c) The term "isolated building site" shall mean any parcel of land which is not within a platted subdivision of two or more lots or is located on at least ten acres. If the building site is the only lot within a subdivision and on at least ten acres, then, for the purposes of fire-flow guidelines, such site shall be considered an isolated building site.
- d) The term "platted subdivision" shall mean division or re-subdivision of a lot, tract or parcel of land into two or more resulting lots, tracts or parcels of land.
- e) The term "access road" shall be defined as a road not less than 20 feet in width with not less than 13 feet 6 inches of unobstructed vertical clearance and built and maintained to support the imposed loads to allow passage of fire apparatus in all weather conditions.
- f) The term "approved or certified automatic sprinkler system", "approved or certified automatic fire-extinguishing system" or "approved or certified fire alarm and detection system" shall mean one that has been designed by a fire protection engineer who is licensed in the State of Kansas, and installed by a contractor licensed to do so by the Johnson County Contractors Licensing Program.
- g) The term "alternate water source" shall mean a source for fire-flow derived from a river, lake, canal, bay, stream, pond, well, cistern, or other similar source of water that is available as suction supply for fire department use and meeting all requirements set forth by the Building Code Official. These are guidelines which are intended to apply to most situations. Minor accommodations and adjustments may be made by the Building Code Official on a case-by-case basis for good cause shown so long as there is no significant increase in the potential for a fire hazard.

Section 62. That Section 500.111 is hereby repealed and replaced to read as follows:

SECTION 500.111: DELETIONS

The following provisions of the International Fire Code, as adopted, shall be deleted and not applicable under this code:

- a) Section 105.6.30 Open Burning
- b) Section 108 Board of Appeals.
- c) Section 1103.9 Carbon monoxide alarms.
- d) Section 1104.24 Egress path markings.

Section 63. That Section 500.112 is hereby repealed and replaced to read as follows:

SECTION 500.112: ADDITIONS

- a) The following section shall be added to the designated International Fire Code, as adopted: Section 505.1.1 Secondary address numbers. Multi-tenant retail shopping centers in which tenant spaces have secondary entry doors from an exterior façade of the building and have paved vehicle access adjacent to such doors shall have approved numbers or addresses placed on or adjacent to each door. Secondary address numbers shall be a minimum of four inches (4") in height.
Exceptions:
 - 1. If more than one entry door is installed on a facade, only one door needs to be marked (entry doors defined as overhead or cargo doors and normal passage doors).
 - 2. Further exceptions may be permitted by the Building Code Official.
- b) The following section shall be added to the designated International Fire Code, as adopted: 507.1.1 Water distribution system failures. Water districts serving areas within the City shall notify the Emergency Communications Center of any failure in their water distribution system; hydrant repair, main breaks, pump failures, or other interruptions of water supply that may affect water supply for fire control purposes.
- c) The following exception shall be amended in the International Fire Code, as adopted: Appendix B, Section B105.1 One-and two-family dwellings.
Exception. If the minimum fire flow requirements cannot be met;
 - 1. The required fire-flow may be reduced by 50% when the residence is equipped with an automatic sprinkler system approved, in writing, by the Building Official, or
 - 2. Waivers. If the minimum fire flow requirements cannot be constructed, a fire protection engineer shall design alternate systems or construction that will provide an equivalent amount of protection to the building, such as non-combustible roofing material, substantial masonry components, fire-resistant sheet rock, and other fire protection or notification systems such as third party monitored smoke detection systems.

Section 64. That Section 500.113 is hereby repealed and replaced to read as follows:

SECTION 500.113: AMENDMENTS

- a) Section 101.1 of the International Fire Code, as adopted, shall be amended to read: 101.1 Title. These regulations shall be known as the Fire Code of Mission, Kansas, hereinafter referred to as "this code."
- b) Section 104.1 of the International Fire Code, as adopted, shall be amended to read: 104.1 General. The Building Code Official is hereby authorized to enforce the provisions of this code and shall have the authority to render interpretations of this code, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code and shall not have the effect of waiving requirements specifically provided for in this code.

The Building Code Official, with the approval of the City Administrator, may designate a member of a fire district, the Public Works Department or the Community Development Department, or other appropriate individual to exercise the power and perform the duties of fire prevention engineer as set forth in this Code.

The Building Code Official, with the aid of the fire prevention bureau, shall inspect, as often as may be necessary, all buildings and premises, including such other hazards or appliances as the Building Code Official may designate for the purpose of ascertaining and causing to be corrected any conditions which would reasonably tend to cause fire or contribute to its spread, or any violation of the purpose or provisions of this Code, or of any other law or standard affecting fire safety.

- c) Section 104.11.2 of the International Fire Code, as adopted, shall be amended to read: 104.11.2. Obstructing Operations. No person shall obstruct the operations of the fire district in connection with extinguishment or control of any fire, or actions relative to other emergencies, or disobey any lawful command of the Fire District Fire Chief or officer of a fire department who may be in charge of the emergency, or any part thereof, or any lawful order of a police officer assisting the fire district. Any person who obstructs the operations of the fire department in connection with extinguishing any fire, or other emergency, or disobeys any lawful command of the applicable Fire District Fire Chief or officer of the fire department who may be in charge at such a scene, or any part thereof, or the Building Code Official, or any police officer assisting the fire department, shall be guilty of an unlawful act.
- d) Section 105.1 of the International Fire Code, as adopted, shall be amended to read: 105.1 General. Permits shall be in accordance with Section 105. Where permits are required elsewhere in this code, the Building Code Official shall be permitted to waive the requirements for issuance of a permit provided public safety and welfare is maintained. Operational permits are specifically required for the following:
 - 1. Explosives. (105.6.14)
 - 2. Pyrotechnic special effects material. (105.6.36)
- e) Section 105.6.14 of the International Fire Code, as adopted, shall be amended to read: 105.6.14 Explosives, fireworks, and blasting. An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive material, fireworks, or pyrotechnic special effects within the scope of this Code, or Chapter 505, Article IV. Blasting Regulations of the Mission Code.

- f) Section 105.6.36 of the International Fire Code, as adopted, shall be amended to read: Section 105.6.36 Pyrotechnic special effects material. An operational permit is required for use and handling of pyrotechnic special effects material.
- g) Section 109.4 of the International Fire Code, as adopted, shall be amended to read: Section 109 Violations penalties. It shall be unlawful for any person, firm or corporation to violate any of the provisions of this Code or fail to comply therewith, or to violate or fail to comply with any Order made thereunder, or to build in violation of any detailed statement of specifications or plans submitted and approved thereunder, or any certificate or permit issued thereunder. Violation of any provision of this Code shall be subject to penalties as prescribed by law. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall be deemed to constitute a separate offense, and shall be punishable as herein provided. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.
- h) Section 111.4 of the International Fire Code, as adopted, shall be amended to read: 111.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law. Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall be deemed to constitute a separate offense, and shall be punishable as herein provided.
- i) Section 501.3 of the International Fire Code, as adopted, shall be amended to read: Construction documents. Construction documents for proposed fire apparatus access roads, location of fire lanes, security gates across fire apparatus access and construction documents and hydraulic calculations for fire hydrant systems shall be submitted to the Building Code Official and appropriate Fire District Fire Chief for review and approval prior to construction.
- j) Section 503.3 of the International Fire Code, as adopted, shall be amended to read:

Marking. Where required, approved signs or other approved notices shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signs or notices shall be maintained in a clean and legible condition at all times and shall be replaced or repaired when necessary to provide adequate visibility.

Each separate fire lane signage, which may consist of one sign or a combination of signs, shall have a cumulative minimum size of 96 square inches and contain the "No Parking" words or symbol with the words "Fire Lane" located directly beneath the "No Parking" words or symbol. Each sign or combination of signs are required to be uniformly mounted between two feet eight inches (2'8") to even feet zero inches (7'0") above grade to the bottom of the sign, and so located not to obstruct pedestrian traffic. The sign or combination of signs shall be mounted within six feet (6') of the curb or striped pavement and are required to face or run parallel with oncoming vehicular traffic. The sign or combination of signs may be mounted on the building, pole base, or any other structure provided the signage meets the setback and minimum and maximum height requirements indicated above. The sign, or combination of signs, are required to be spaced no more than 200 feet (200') apart.

In addition, the curb, or pavement if a curb is absent, is required to be marked with a red stripe that shall run not less than (6') of each thirty-foot length of fire lane. Each separate red striped area shall contain three inch (3") white lettering indicating "Fire Lane"; provided, however, that the presence of such lettering is not a prerequisite to the enforcement of fire lane parking violations. Furthermore, the exceeding of any standards intended to inform the public of the location of a fire lane shall not affect the enforcement of this Section.

- k) Section 505.1 of the International Fire Code, as adopted, shall be amended to read:
505.1 Address identification. New and existing buildings shall have approved address numbers, building numbers, or approved building identification placed in a position on the building or on any structure, mail box, sign, or monument on the property that is securely fixed to the ground to be plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of four inches (4") high with a minimum stroke width of 0.5 inch. Numbers shall be a minimum height of: four inches (4") in Use Groups R - 3 and R-4; six inches (6") in Use Group R-3 Child Care Facilities; and eight inches (8") in all other Use Groups. When required by the Building Official, the identifying numbers shall be lighted by an approved light source.

505.1.1 Secondary address numbers. Multi-tenant retail shopping centers in which tenant spaces have secondary entry doors from an exterior façade of the building and have paved vehicle access adjacent to such doors shall have approved numbers or addresses placed on or adjacent to each door. Secondary address numbers shall be a minimum of four inches (4") in height.

Exceptions:

1. If more than one entry door is installed on a façade, only one door needs to be marked (entry doors defined as overhead or cargo doors and normal passage doors).
2. Further exceptions shall be permitted by the Building Official.

505.1.2 Additional identification. Where identification of additional exits would be of benefit to emergency response personnel, a sequential numbering system may be required by the appropriate Fire District Chief whereby the interior and exterior surfaces of each exit is marked in an approved manner.

- l) Section 506.1 of the International Fire Code, as adopted, shall be amended to read:
506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, a key box shall be installed in an approved location as required by the appropriate Fire District Fire Chief. The key box shall be an approved type listed in accordance with UL 1037, and shall contain keys or access cards to gain necessary access as required by the appropriate Fire District Fire Chief.
- m) Section 506.2 of the International Fire Code, as adopted, shall be amended to read:
506.2 Key Box Maintenance. The operator of the building shall immediately notify the appropriate Fire District Chief and provide the new key when a lock is changed or re-keyed. The key to such lock shall be secured in the box. The key box shall be maintained in working order by the operator/owner/occupant of the building.

- n) Section 901.6 of the International Fire Code, as adopted, shall be amended to read: 901.6 Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Nonrequired fire protection systems and equipment shall be inspected, tested and maintained, or removed. The inspection, testing and maintenance of fire protection systems and equipment shall be performed by a fire protection engineer who is licensed in the State of Kansas, or a contractor with National Institute for Certification in Engineering Technologies (NICET), Level II technicians in the applicable discipline (automatic sprinkler systems, fire alarm systems or inspection and testing of water-based system), licensed to do so by the Kansas State Fire Marshal, and approved by the Building Code Official.

- o) Section 903.4.2 of the International Fire Code, as adopted, shall be amended to read: 903.4.2 Alarms. An approved audio/visual device shall be connected to each automatic sprinkler system. Such sprinkler system water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building directly above the fire department connection or in an approved location. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

- p) Section 903.4.3 of the International Fire Code, as adopted, shall be amended to read: 903.4.3 floor control valves. Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor of a multi-story building.

Exception: Automatic sprinkler systems designed in accordance with Sections 903.3.1.2 or 903.3.1.3.

Section 65. That Section 500.115 is hereby repealed and replaced to read as follows:

ARTICLE XI. INTERNATIONAL ENERGY CONSERVATION CODE

SECTION 500.115: ADOPTION.

The International Energy Conservation Code, 2012 Edition, published by the International Code Council.

Section 66. That Section 500.116 is hereby repealed and replaced to read as follows:

SECTION 500.116: VIOLATION

Any Person violating any provision of such code shall be punished as provided in Section 100.100 of the Mission City Code.

Section 67. That Section 500.117 is hereby repealed and replaced to read as follows:

SECTION 500.117: DEFINITIONS

For the purposes of the International Energy Conservation Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term “code official” shall mean the Building Official.

Section 68. That Section 500.118 is hereby repealed and replaced to read as follows:

SECTION 500.118: DELETIONS The following provisions of the International Energy Conservation Code, as adopted, shall be deleted and not applicable under this code:

- a) Section C109 Board of Appeals.
- b) Section R109 Board of Appeals.
- c) Section R404 Electrical Power and Lighting Systems (Mandatory).
- d) Sections C402.3 through C402.3.4 Fenestration (Prescriptive).
- e) Sections R403.2.3 Building cavities (Mandatory).
- f) Section C406 Additional Efficiency Package Options.
- g) Section R403.4.2 Hot water pipe insulation (Prescriptive).

Section 69. That Section 500.119 is hereby repealed and replaced to read as follows:

SECTION 500.119: ADDITIONS

- a) Sections C107.2 and R107.2 Schedule of permit fees. At the end of the first paragraph add the following paragraphs: The fee for each building permit shall be as set forth by resolution of the City Council. When permit fees are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. The plan review fees specified in this subsection are separate fees from the permit fees specified in Sections C107.2 or R107.2 and are in addition to the permit fees. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred or amended submittal items as defined in Section C103.4 or R103.4, an additional plan review fee may be charged.

Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Code Official. The Building Code Official may extend the time for action by the applicant for a period not exceeding 180 days on written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

- b) Add Section C110 entitled Violation Penalties. Add paragraphs as follows:
C110.1 Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided Municipal Code Section 100.100.

C110.2 Prosecution of violation. Any person failing to comply with a notice of violation or order shall be deemed guilty of an unlawful act. If the notice of violation is not complied with, the Building Code Official may request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.

- c) Add Section R110 entitled Violation Penalties. Add paragraphs as follows:
R110.1 Violation of any provision of this Code shall be an unlawful act. Each separate day or any portion thereof, during which any violation of this Code occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Municipal Code Section 100.100.

R110.2 Prosecution of violation. Any person failing to comply with a notice of violation or order shall be deemed guilty of an unlawful act. If the notice of violation is not complied with, the Building Code Official may request the legal counsel of the jurisdiction to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.

Section 70. That Section 500.120 is hereby repealed and replaced to read as follows:

SECTION 500.120: AMENDMENTS

- a) C101.1 Title. Amend the paragraph to read: This code shall be known as the International Energy Conservation Code of Mission, Kansas, and shall be cited as such. It is referred to herein as "this code."
- b) R101.1 Title. Amend the paragraph to read: This code shall be known as the International Energy Conservation Code of Mission, Kansas, and shall be cited as such. It is referred to herein as "this code."
- c) R101.2 Scope. This code applies to residential buildings and the buildings sites and associated systems and equipment.

As an alternative to the provisions of this code, structures validated by an accepted certified energy auditor to meet a HERS rating score of 85 or less shall be deemed to meet this Code. The energy auditor shall present national certification credentials to the Building Official for review and approval prior to issuance of the building permit, and no Certificate of Occupancy shall be issued for the structure until all documentation has been received and accepted that compliance is met.

Failure to meet the compliant rating of 85 or less shall result in a "notice" to the owner that the structure has failed to comply with this code. Such "notice" shall be signed by the contractor and the owner.

- d) C108.4 Failure to comply. Amend the paragraph to read: Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

- e) R108.4 Failure to comply. Amend the paragraph to read: Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.
- f) Table R402.1.1. Insulation and Fenestration Requirements by component. Amend the table to read:

**Table R402.1.1
Insulation and Fenestration Requirements by Component^a**

| Climate | Fenestration | Skylight ^b | Glazed | Ceiling ^g | Wood | Mass | Floor | Basement Wall | Slab ^d R-Value | Crawl Space ^e |
|---------|-----------------------|-----------------------|--------------------------------|----------------------|--------------------------|------------------------------|---------|----------------------|------------------------------|--------------------------|
| Zone | U-factor ^b | U-factor | Fenestration SHGC ^b | R-value | Frame Wall R-value | Wall R-Value ^f | R-Value | R-value ^c | & Depth | Wall R-Value |
| 4 | 0.35 | 0.55 | 0.40 | 49 | 13 | 8/13 | 19 | 10/13 | NR | 10/13 |

- a. R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table.
- b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. "10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement walls.
- d. R-5 shall be added to the required slab edge R-values for heated slabs.
- e. Or insulation sufficient to fill the framing cavity, R-19 minimum.
- f. The second R-value applies when more than half the insulation is on the interior of the mass wall.
- g. Loose-fill insulation shall be installed at the rate recommended by the manufacturer's statement "so many bags per 1000 sq ft." Where the pitch of the roof restricts the "minimum thickness" at the exterior wall line, the insulation shall be blown into the cavity so as to achieve a greater compacted density to a point where the "minimum thickness" can be achieved. An alternative is to install high-density batts around the perimeter edge per R402.2.

- g) Table C402.2. Amend the table to read:

**Table C402.2
Opaque Thermal Envelope Requirements^a for Zone 4**

| | All Other | Group R | | All Other | Group R |
|---|-------------------|----------------|-------------------------------|----------------------|--------------------|
| | Roofs | | | Walls below grade | |
| Insulation ^f entirely above deck | R-20ci | R-20ci | Below-grade Wall ^d | R-7.5ci | R-7.5ci |
| Metal buildings (with R-5 thermal blocks) ^{ab} | R-19 + R-11 LS | R-19 + R-11 LS | Mass | Floors | |
| Attic and other | R-38 | R-38 | Joist Framing | R-10ci | R-10.4ci |
| | Walls above grade | | | Slab on grade floors | |
| Mass | R-9.3ci | R-11.4ci | Unheated slabs | R-10 for 24" below | R-10 for 24" below |
| Metal Building | R13 + R13ci | R13 + R13ci | Heated slabs ^d | R-15 for 24" below | R-15 for 24" below |
| Metal Buildings | R13 + R7.5ci | R-13+R7.5ci | | Opaque Doors | |
| Wood Framed ^f | R-13 | R-13 | Swinging | U-0.61 | U-0.61 |
| | | | Roll-up or sliding | R-4.75 | R-4.75 |

- a. Assembly descriptions can be found in ANSI/ASHRAE/IESNA Appendix A.
- b. Where using R-value compliance method, thermal spacer block shall be provided, otherwise use the Ufactor compliance method in Table C402.1.2.

- c. R-5.7ci is allowed to be substituted with concrete block walls complying with ASTM C90, ungrouted or partially grouted at 32 inches or less on center vertically and 48 inches or less on center horizontally, with ungrouted cores filled with materials having a maximum thermal conductivity of 0.44 Btu-in/h-f² °F.
 - d. Where heated slabs are below grade, below-grade walls shall comply with the exterior insulation requirements for heated slabs.
 - e. Steel floor joist systems shall be insulated to R-38.
 - f. The U-factors shown in Table C402.1.2 shall be adjusted to correspond with the R-values shown in this table.
- h) C402.3.1 Maximum area. Amend the paragraph to read: The vertical fenestration area (not including opaque doors and opaque spandrel panels) shall not exceed forty percent (40%) of the gross above grade wall area. The skylight area shall not exceed three percent (3%) of the gross roof area.
- i) R402.4.1.2 Testing. Amend the section to read: Where required by the Building Official, the building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding 5 air changes per hour. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Testing shall be conducted by an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the Building Official prior to final inspection of the project. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.
- During testing:
1. Exterior windows and doors, fireplace, and stove doors shall be closed, but not sealed, beyond the intended weather stripping or other infiltration control measures;
 2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
 3. Interior doors, if installed at the time of the test, shall be open;
 4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed;
 5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
 6. Supply and return registers, if installed at the time of the test, shall be fully open.
- j) R403.4 service hot water systems. Amend the paragraph to read: Energy conservation measures for service hot water systems shall be in accordance with Section R403.4.1.

Section 71. That Section 500.142 is hereby repealed and replaced to read as follows:

SECTION 500.142: VIOLATIONS AND CLASSIFICATION OF OFFENSES

- A. The failure by any person to obtain a building permit or an occupancy permit, as required under or in violation of the provisions of the Mission Codes and Regulations, shall be a unlawful.
- B. The failure by any person to comply with any condition or requirement of a permit issued under the provisions of the Mission Codes and Regulations shall be unlawful.
- C. The failure of any person to comply with any requirement, standard or condition contained within or as a part of the International Building Code, as adopted under Article II of this Chapter; or of The International Residential Code, as adopted under

Article III of this Chapter; or of the International Fuel Gas Code, as adopted under Article IV of this Chapter; or of the International Plumbing Code, as adopted under Article V of this Chapter; or of the International Mechanical Code, as adopted under Article VI of this Chapter; or of the International Existing Building Code, as adopted under Article VII of this Chapter; or of the National Electrical Code, and the International Administrative Code Provisions for the National Electrical Code, as adopted under Article VIII of this Chapter, or of the International Property Maintenance Code, as adopted under Article IX of this Chapter; or of the International Fire Code, as adopted under Article X of this Chapter; or of the International Energy Conservation Code, as adopted under Article XI of this Chapter shall be unlawful.

- D. The failure of any person to comply with any requirement, standard or condition contained within or as a part of the International Fire Code of Mission, Kansas, and its standards and regulations, as adopted under Article X of this Chapter; and the failure of any person to comply with or to violate any provision of the International Fire Code of Mission, Kansas, and its standards and regulations, as adopted under Article X of this Chapter; or any order of the Fire Marshall or the designated Fire District Fire Chief related to the provisions of that Code, shall be unlawful.

Section 72. That Sections 205.010 through 205.030 are hereby repealed.

Section 73. That this ordinance shall take effect and be in force from and after its passage and publication in the official newspaper of the City of Mission.

Passed by the City Council this 20th day of March, 2013.

Approved by the Mayor this 20th day of March, 2013.

Laura L. McConwell, Mayor

ATTEST:

Martha M. Sumrall, City Clerk

APPROVED AS TO FORM:

David K. Martin, City Attorney