

ARTICLE 1
GENERAL PROVISIONS

SECTION 1. ADOPTION. This Code shall be known and may be cited as the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition.

SECTION 2. AUTHORITY. This Code of Regulations is adopted pursuant to the Home Rule Authority of the Board of County Commissioners of Johnson County, Kansas, pursuant to K. S. A. 19-101 and 19-101a, as currently enacted and from time to time amended.

SECTION 3. JURISDICTION. This Code of Regulations shall be applicable to all unincorporated areas of Johnson County, except in any unincorporated area of the County which is expressly excluded from the application and provision of the County zoning and subdivision regulations. The codes, standards, or regulations adopted by a city exercising its jurisdiction over that area, if applicable, shall control and be enforced by that city, but if the city code, standards, or regulations are, for any reason, not applicable or enforceable, then the codes and standards adopted by the County shall apply.

SECTION 4. 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. SEVERABILITY. It is hereby declared to be the intention of the Board of County Commissioners 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 part declared to be unconstitutional or ruled to be invalid.

SECTION 6. AMENDMENTS AND ADDITIONS. This Code of Regulations may be supplemented or its provisions may be amended by resolution duly adopted by the Board of County Commissioners and any such amendments or additions shall be incorporated within and codified as a part of this Code of Regulations.

SECTION 7. REPEAL OF CONFLICTING REGULATIONS AND POLICIES. All previously adopted resolutions or polices of the Board of County Commissioners 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 8. EFFECTIVE DATE. This Code of Regulations for building and construction shall be effective from and after the date of adoption by the Board of County Commissioners and publication of the adopting resolution and notice as required by law.

ARTICLE 2
INTERNATIONAL BUILDING CODE

SECTION 1. 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 2. DEFINITIONS. For the purposes of the International Building Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- d) 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 County Building Code Official.

SECTION 3. 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 4. ADDITIONS.

- a) 101.4.7 Electrical. Add the following language to the end of Section 101: 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 the following items 8 through 11 to the end of the Section 105.3:
 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. Applicants from areas that are not within an area under the jurisdiction of a duly constituted water district shall submit evidence that the proposed water supply meets the required standards for health and safety.
 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 County in which sanitary sewage will, or may, originate shall be issued until the applicant, has 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 an entrance permit application from Johnson County Public Works.
- c) Section 105.3.1.1 Denial of permits. Add the following sub-section to Section 105.3.1: The Building Code Official is authorized to deny a permit to any applicant not meeting the provisions of this Code on any open permits. The Building Code 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: A foundation, 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 from the utility company verifying that all utilities have been disconnected, i.e., gas, electric, water, and sewer. Electronic communication 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. Approval from the Sheriff Department and the Public Works Department for the date, time, and route of the move.
 5. A letter from the moving company 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 notice 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, or a septic tank or holding tank permit.
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: The fee for each building permit shall be as set forth in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting documents for plan review. The plan review fee shall be 65 percent of the building permit fee as shown in Table 1-A. The plan review fees specified in this subsection are separate fees from the permit fees specified in Section 109 and are in addition to the permit fees. When submitted documents are incomplete, changed so as to require additional plan review, or when the project involves deferred submittal items as defined in Section 107.3.4.1, an additional plan review fee shall be charged at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire, 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$22.00
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00

\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof, to and including \$ 500,000.00
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof
Other Inspections and Fees:	
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*
5. For use of outside consultants for plan checking or inspections.	Actual costs**
*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.	
**Actual costs include administrative and overhead costs.	

- 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 a public offense, designated as a Class I Infraction under Article 20 of this Code.

- 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 a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. Unless otherwise provided, a violation of this Code shall be a Class I Infraction. 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 Article 20 designated above.

- h) 903.4.2.1 Notification devices. Add the following sub-section to Section 903.4.2: When 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 devices 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 5. AMENDMENTS.

- a) 101.1 Title. Amend 101.1 as follows: These regulations shall be known as the Building Code of Johnson County, Kansas hereinafter referred to as “this Code.”
- b) 101.4.3 Plumbing. Amend 101.4.3 as follows: 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 when connected to a water or sewage system. The provisions of the International Plumbing Code shall also apply to all aspects of a medical gas system. The provisions of the Johnson County Environmental Code shall apply to private sewage disposal systems.
- c) 105.5 Expiration. Amend 105.5 as follows: Any permit issued by the Building Code Official under the provisions of this Code shall expire 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 114.3 as follows: Any person failing to comply with a notice of violation or order shall be deemed guilty of a Class I Infraction, and the violation shall be deemed a strict liability offense. 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 903.4.1 as follows: 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 Code Official, shall sound an audible signal at a constantly-attended location. Any 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) 1203.1 General. Amend Section 1203.1 as follows:
Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the International mechanical Code.

If 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.c (50 Pa) in accordance with Section 402.4.1.2 of the International Energy Conservation Code, then 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 Section 1612.3 as follows:
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) 2901.1 Scope. Amend Section 2901.1 as follows:
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) Section 3103.1.1 Permit required. Amend Section 3103.1.1 as follows:
Temporary structures that cover an area in excess of 900 square feet, including connecting areas or spaces with a common means of egress or ingress 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 Section 3307 as follows:
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 Code 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 a 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 of reasonable sensibilities.
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.

ARTICLE 3
INTERNATIONAL RESIDENTIAL CODE

SECTION 1. ADOPTION. The International Residential Code, 2012 Edition, published by the International Code Council, including Appendix Chapters E, G, H, J, K, P, and O is hereby adopted.

- a) SECTION 2. DEFINITIONS. For the purposes of the International Residential Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:
- b) The term "ordinance" shall mean and include the word "resolution."
- c) The term "city" shall mean and include the word "county."
- d) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- e) The term "Code official" shall mean the Johnson County Building Code Official.
- f) 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 3. 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 4. ADDITIONS.

- a) Section R113.4 Violation Penalties. At the end of Section R113.4 add the following language: Violation of any provision of this Code shall be a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. 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 Article 20 designated above. Unless otherwise provided a violation of this Code shall be a Class I Infraction.

- b) Section R306.5 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added 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 right-of-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 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 a 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 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 County Engineer.

- e) Section R401.4.3 of the 2012 International Residential Code for One and Two-Family Dwellings is hereby added 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 as follows:
R401.4.4 Johnson County Residential Foundation Guidelines. 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 as follows:
R401.2.1 Design required. A design in accordance with accepted engineering practices 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 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 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 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 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 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 as follows:
R403.1.1.2 Column pads. Column pads shall be a minimum of 24 inches by 24 inches and 8 inches deep. 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 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 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 of the exterior walls

- k) Section R903.5 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added 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
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.

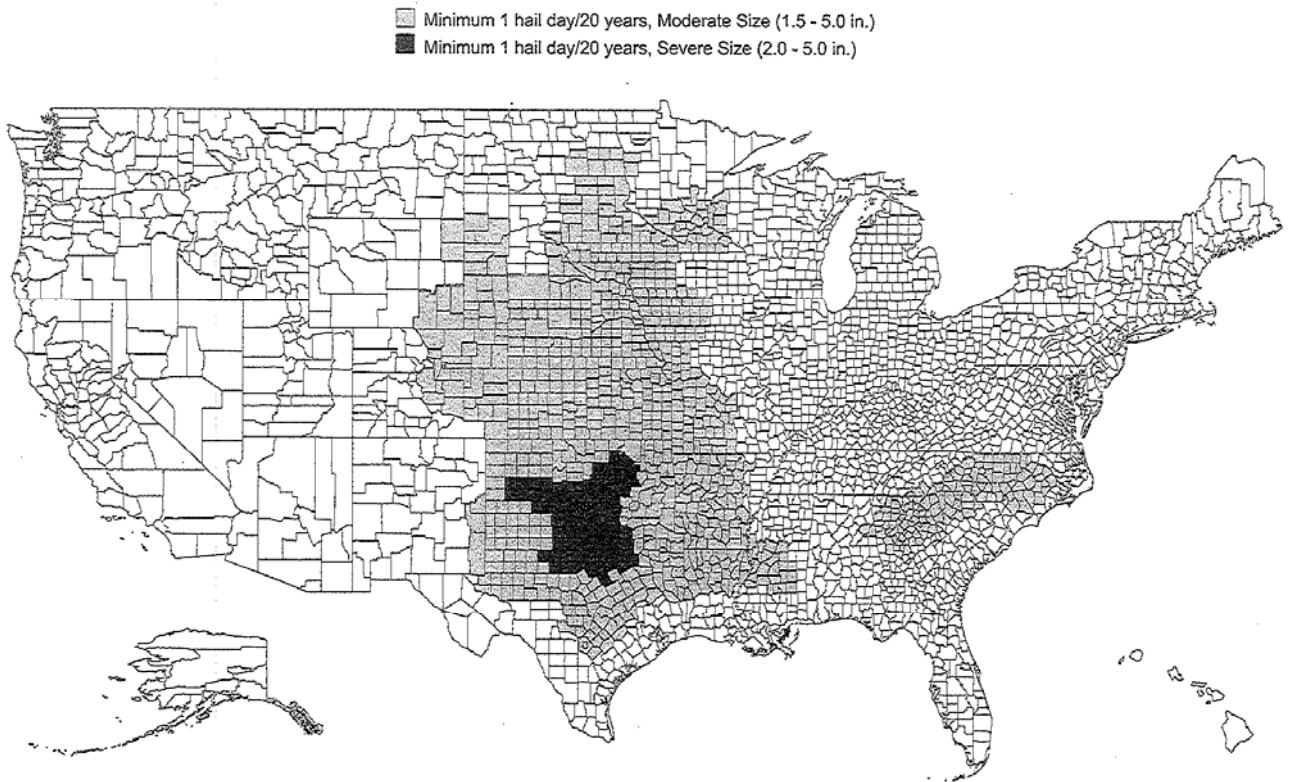


Figure R903.5
Hail Exposure Map

- l) Section P2603.5.2 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby added 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 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 as follows:
P3002.2.2 Sanitary and storm sewers. Where separate systems of sanitary drainage and storm drainage are installed on 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 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 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 Code 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 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 Code 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 5. AMENDMENTS

- a) Section R101.1 Title. Amend Section R101.1 as follows: These provisions shall be known as the Residential Code for One- and Two-Family Dwellings of Johnson County, Kansas, and shall be cited as such and will be referred to herein as "this Code."

- b) Section R108.2 Schedule of permit fees. Amend Section R108.2 as follows: On buildings, structures, 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 in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting documents for plan review. The plan review fee shall be \$50.00, except that plan review fees for new single-family dwellings shall be \$100.00.
The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 108, 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 at the rate shown in Table 1-A.
Applications for which no permit is issued within 180 days following the date of application shall expire 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$22.00
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof
Other Inspections and Fees:	
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*
5. For use of outside consultants for plan checking or inspections.	Actual costs**
*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.	
**Actual costs include administrative and overhead costs.	

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 ^e					
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 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 extended 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 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 as follows:
R303.4 Mechanical Ventilation. If 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.c (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 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 as follows:
R315.3 Where required in existing dwellings. If work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within

which fuel-fired appliances exist, then 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 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 Johnson County 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 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 County may be used in lieu of a design from the design professional. For new single family dwellings where standard designs approved by the County 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 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 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 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 of clean sand or gravel or eight inches of earth.

- k) Section R602.6.1 of the 2012 International Residential Code for One –and Two Family Dwellings is hereby amended 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 gas) 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 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 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 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 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 Code Official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed, and shows 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; 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 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,c}	CEILING R-VALUE ^e	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 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)	Insulation shall be installed to maintain permanent contact with underside of subfloor decking. The air

floors)	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 as follows:
N1102.4.1.2 (R402.4.1.2) Testing. When 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 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 of water column (500 Pa) pressure classification shall not require additional closure systems.

When required by the Building 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 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 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 inches above insulation.
- v) Section P2503.3 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended 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 Building Code Official.
2. The testing of the building sewer shall be done in accordance with Section P2503.4 when required by the Building Code Official.
- w) Section P2603.5.1 of the International Residential Code for One- and Two-Family Dwellings is hereby amended 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 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 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, 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 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 as follows:

E3902.5 Unfinished basement receptacles. All 125 volt, single-phase, 15- and 20-ampere receptacles installed in unfinished 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.
3. A receptacle supplying only a refrigerator or freezer.

aa) Section E3902.12 of the 2012 International Residential Code for One- and Two-Family Dwellings is hereby amended 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 a new exception 4: 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.

ARTICLE 4
INTERNATIONAL FUEL GAS CODE

SECTION 1. ADOPTION. The International Fuel Gas Code, 2012 Edition, published by the International Code Council is hereby adopted.

SECTION 2. DEFINITIONS. For the purposes of the International Fuel Gas Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

SECTION 3. DELETIONS. The following provisions shall be deleted:

- a) Section 109: Means of Appeal.

SECTION 4. ADDITIONS. [None]

SECTION 5. AMENDMENTS.

- a) Section 101.1 Title. Amend the paragraph to read: These regulations shall be known as the Fuel Gas Code of Johnson County, Kansas, hereinafter referred to as "this Code."
- b) Section 106.4.3 of the International Fuel Gas Code, as adopted, shall be amended as follows:
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 as follows:

Section 106.6.2 Schedule of permit fees. Amend the paragraph as follows: The fees for work requiring a permit shall be paid as required, in accordance with the schedule as follows in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting the documents for plan review. Said plan review fee shall be 65% of the permit fees described in Table 1-A, except that there will be no plan review fees for work to new or existing single-family dwellings.

The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 106.6, 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 at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire, 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE										
\$1.00 to \$500.00	\$22.00										
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00										
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00										
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00										
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00										
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof to and including \$500,000.00										
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00										
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof										
<p>Other Inspections and Fees:</p> <table border="0"> <tr> <td>1. Inspections outside of normal business hours (minimum charge -two hours)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>2. Reinspection fees assessed under provisions of Section 108.8</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>4. Additional plan review required by changes, additions or revisions to plans</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>5. For use of outside consultants for plan checking or inspections.</td> <td>Actual costs**</td> </tr> </table>		1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*	2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*	3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*	4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*	5. For use of outside consultants for plan checking or inspections.	Actual costs**
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*										
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*										
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*										
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*										
5. For use of outside consultants for plan checking or inspections.	Actual costs**										
<p>*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.</p> <p>**Actual costs include administrative and overhead costs.</p> <p>The fees for all fuel gas work shall be as indicated in the following schedule.</p>											

- d) Section 106.6.3 of the International Fuel Gas Code, as adopted, shall have sentences 2 and 3 amended as follows:
 - 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 as follows:

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 a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. 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 Article 20 designated above.

- f) Section 108.5 of the International Fuel Gas Code, as adopted, shall be amended as follows:

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 guilty upon conviction of a public offense, Class "I" Infraction, as provided in Article 20 of the Johnson County Code of Regulations For Buildings and Construction, 2012 Edition.

ARTICLE 5
INTERNATIONAL PLUMBING CODE

SECTION 1. ADOPTION. The International Plumbing Code, 2012 Edition, including Appendix Chapters C, E, and F, published by the International Code Council is hereby adopted.

SECTION 2. 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 "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- d) The term "Building Official" shall also be known as the "Building Code Official" or "Administrative Authority" and shall have the duty of enforcing all provisions of this Code.

SECTION 3. 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.

SECTION 4. 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 5. AMENDMENTS.

- a) Section 101.1 of the International Plumbing Code, as adopted, is hereby amended as follows:

101.1 Title.

These regulations shall be known as the International Plumbing Code of Johnson County, Kansas, hereinafter referred to as “this Code.”

- b) Section 106.6.2 of the International Plumbing Code, as adopted, is hereby amended as follows:

106.6.2 Fee Schedule. The fees for work requiring a permit shall be paid as required, in accordance with the schedule in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting documents for plan review. The plan review fee shall be 65% of the permit fees described in Table 1-A, except that there are no plan review fees for work to new or existing single-family dwellings.

The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 106.6, 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 at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire, 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE										
\$1.00 to \$500.00	\$22.00										
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00										
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00										
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00										
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00										
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof to and including \$500,000.00										
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00										
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof										
<p>Other Inspections and Fees:</p> <table border="0"> <tr> <td>1. Inspections outside of normal business hours (minimum charge -two hours)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>2. Reinspection fees assessed under provisions of Section 108.8</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>4. Additional plan review required by changes, additions or revisions to plans</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>5. For use of outside consultants for plan checking or inspections.</td> <td>Actual costs**</td> </tr> </table>		1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*	2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*	3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*	4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*	5. For use of outside consultants for plan checking or inspections.	Actual costs**
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*										
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*										
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*										
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*										
5. For use of outside consultants for plan checking or inspections.	Actual costs**										
<p>*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.</p> <p>**Actual costs include administrative and overhead costs.</p> <p>The fees for all fuel gas work shall be as indicated in the following schedule.</p>											

- c) Section 106.6.3 of the International Plumbing Code, as adopted, shall have sentences 2 and 3 amended as follows:
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, is hereby amended as follows:
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 a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. 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 Article 20 designated above.
- e) Section 108.5 of the International Plumbing Code, as adopted, is hereby amended as follows:
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 guilty upon conviction of a public offense, Class "I" Infraction, as provided in Article 20 of the Johnson County Code of Regulations For Buildings and Construction, 2012 Edition.
- f) Section 305.4.1 of the International Plumbing Code, as adopted, shall have the paragraph amended as follows:
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, is hereby amended as follows:
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, is hereby amended as follows:
- 703.1 Building sewer pipe near the water service. Where the building sewer is installed within 5 feet 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, is hereby amended as follows:
- 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, is hereby amended as follows:
- 903.1 Roof extension. All open vent pipes that extend through a roof shall be terminated at least six inches 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 above the roof.

ARTICLE 6
INTERNATIONAL MECHANICAL CODE

SECTION 1. ADOPTION. The International Mechanical Code 2012 Edition, published by the published by the International Code Council is hereby adopted.

SECTION 2. DEFINITIONS. For the purposes of the International Mechanical Code, 2012 Edition, as adopted, the following words and phrases shall have the following meanings:

- a) The term "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

SECTION 3. DELETIONS. The following provisions shall be deleted:

- a) Section 109: Means Of Appeal.

SECTION 4. 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 shall 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 families.
3. Pressure vessels that do not exceed 15 cubic feet and 250 psi.

SECTION 5. AMENDMENTS.

- a) Section 101.1 of the International Mechanical Code, as adopted, is hereby amended as follows:
Sec.101.1 Title. These regulations shall be known as the Mechanical Code of Johnson County, Kansas, hereinafter referred to as "this Code".
- b) Section 106.4.3 of the International Mechanical Code, as adopted, is hereby amended as follows:
106.4.3 Expiration: Any permit issued by the Building Code Official under the provisions of this Code shall expire 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, is hereby amended as follows:

106.5.2 Fee Schedule. The fees for work requiring a permit shall be paid as required in accordance with the schedule in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting documents for plan review. The plan review fee shall be 65% of the permit fees described in Table 1-A, except that there are no plan review fees for work to new or existing single-family dwellings.

The plan review fee specified in this subsection is a separate fee from the permit fees specified in Section 106.6, 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 at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire, 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE										
\$1.00 to \$500.00	\$22.00										
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00										
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00										
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00										
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00										
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof to and including \$500,000.00										
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00										
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof										
<p>Other Inspections and Fees:</p> <table border="0"> <tr> <td>1. Inspections outside of normal business hours (minimum charge -two hours)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>2. Reinspection fees assessed under provisions of Section 108.8</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>4. Additional plan review required by changes, additions or revisions to plans</td> <td>\$50.00 per hour*</td> </tr> <tr> <td>5. For use of outside consultants for plan checking or inspections.</td> <td>Actual costs**</td> </tr> </table>		1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*	2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*	3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*	4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*	5. For use of outside consultants for plan checking or inspections.	Actual costs**
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*										
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*										
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*										
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*										
5. For use of outside consultants for plan checking or inspections.	Actual costs**										
<p>*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.</p> <p>**Actual costs include administrative and overhead costs. The fees for all fuel gas work shall be as indicated in the following schedule.</p>											

- 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, is hereby amended as follows:

108.4 Violation Penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect,

install, alter or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this Code shall be guilty of a public offense, punishable as a Class I Infraction upon conviction as provided in Article 20 of this Code of Regulations. 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.

- f) Section 108.5 of the International Mechanical Code, as adopted, is hereby amended as follows:

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 guilty upon conviction of a public offense, Class "I" Infraction, as provided in Article 20 of the Johnson County Code of Regulations For Buildings and Construction, 2012 Edition.

ARTICLE 7
INTERNATIONAL EXISTING BUILDING CODE

SECTION 1. ADOPTION. The International Existing Building, Code 2012, Edition, published by the International Code Council, including Appendix Chapters A and B, is hereby adopted.

SECTION 2. 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 "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- d) The term "Code Official" shall in all instances mean the Building Code Official of Johnson County, Kansas.
- e) The term "Board of Appeals" shall in all instances mean the Board of Code Review.

SECTION 3. DELETIONS. The following provisions shall be deleted:

- a) Section 112: Board Of Appeals.

SECTION 4. 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 a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. 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 Article 20 designated above.

SECTION 5. AMENDMENTS.

- a) Section 101.1 Title. Section 101.1 is amended as follows: These provisions shall be known as the Existing Building Code of Johnson County, Kansas, and shall be cited as such and will be referred to herein as "this Code."
- b) 105.5 Expiration. Section 105.5 is amended as follows: Every permit issued by the Building Code Official under the provisions of this Code shall expire 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. Section 108.2 is amended as follows: 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 established by the International Building Code, as adopted.
- d) Section 113.3 Prosecution of Violation. Section 113.3 is amended as follows: Any person failing to comply with a notice of violation or order shall be deemed guilty of a Class 1 Infraction, and the violation shall be deemed a strict liability offense. If the notice of violation is not complied with, the Building Code Official shall 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.

ARTICLE 8
NATIONAL ELECTRICAL CODE

SECTION 1. 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, is hereby adopted.

SECTION 2. 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 of Johnson County, Kansas.
- b) The term “ordinance” shall mean and include the word “resolution.”
- c) The term “city” shall mean and include the word “county.”
- d) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

SECTION 3. 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 4. ADDITIONS.

- a) Section 80.19 (E) of the National Electrical Code, as adopted, is hereby amended as follows:

Section 80.19 (E). Fees. The fees for work requiring a permit shall be paid as required, in accordance with the schedule as follows in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. Said plan review fee shall be 65% of the permit fees described in Table 1-A, except that there are no plan review fees for work to new or existing single-family dwellings.

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 at the rate shown in Table 1-A.

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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$22.00
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof
Other Inspections and Fees:	
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*
2. Reinspection fees assessed under provisions of Section 108.8	\$50.00 per hour*
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*
5. For use of outside consultants for plan checking or inspections.	Actual costs**
*Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.	
**Actual costs include administrative and overhead costs.	
The fees for all fuel gas work shall be as indicated in the following schedule.	

- b) Section 80.19 (G) (7) of the National Electrical Code, as adopted, shall have the following paragraph added: Every permit issued by the Building Code Official under the provisions of this Code shall expire 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 Section 80.23 as follows: Violation of any provision of this Code shall be a public offense, punishable upon conviction as a Class I Infraction (fine of not less than \$100.00 nor more than \$500.00) all in accordance with Article 20 of this Code of Regulations as the same may be amended from time to time. Each separate day or any portion thereof during which any violation of this Code continues, shall be deemed to constitute a separate offense, and shall be punishable as herein provided.
- d) Section 250.52 of the National Electrical Code, as adopted, shall have the following paragraph added:

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 5. AMENDMENTS.

- a) Section 80.2 of the National Electrical Code, as adopted, is hereby amended as follows:

80.2 Definitions.
Authority Having Jurisdiction. The organization, office, or individual responsible for approving equipment, materials, an installation, or a procedure.
The Building Code 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, is hereby amended as follows:

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, is hereby amended as follows:
 - (F) Inspections and Approvals. When any portion of the electrical installation within the jurisdiction of an Building Code Official is to be hidden from view by the permanent placement of the building, the person, firm, or corporation installing the equipment shall notify the Building Code Official, and such equipment shall not be concealed until it has been approved by the Building Code Official.

- d) Section 80.29 of the National Electrical Code, as adopted, is hereby amended as follows:
 - 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 County 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, is hereby amended as follows:
 - (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 a new exception 4 as follows: This section will not apply where existing dwelling unit premises wiring circuits make the application of this section impracticable, as determined by the Building Code 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, is hereby amended as follows:
 - 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.

ARTICLE 9
INTERNATIONAL PROPERTY MAINTENANCE CODE

SECTION 1. ADOPTION. The International Property Maintenance Code, 2012 Edition, published by International Code Council is hereby adopted.

SECTION 2. DEFINITIONS. The following words and phrases shall have the following meanings:

- a) The term "Code Official" shall in all instances mean the Director of Planning, Development, and Codes, or his designated representative, of Johnson County, Kansas.
- b) The term "Board of Appeals" shall in all instances mean the Board of Code Review.
- c) The term "ordinance" shall mean and include the word "resolution."
- d) The term "city" shall mean and include the word "county."
- e) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

SECTION 3. DELETIONS. The following provisions of the International Property Maintenance Code, as adopted, shall be deleted and not applicable under this Code:

- a) 103 Department of Property Maintenance Inspection
- b) 106.4 Violation Penalties.
- c) 107.4 Penalties.
- d) Section 111 Means of Appeal.
- e) 302.4 Weeds.
- f) 304.2 Protective Treatment
- g) 308 Rubbish and Garbage

SECTION 4. ADDITIONS.

- a) Section 101.5 of the 2012 International Property Maintenance Code is hereby amended as follows:
101.5 General. The Building Code Official, or, where appropriate, the Governing Body, 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 County. 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 Johnson County Codes Court, injunctive or other relief in the District Court of Johnson County, 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 Building Code Official or Governing Body 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 Article 20 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 County 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 Director of Planning, Development, and Codes shall designate the department, division, employee or agency of the County to enforce this Code, and such designee shall, for the purposes of this Code, be known as the "Building Code Official." In this Code the term "Department of Property Maintenance Inspection" shall be used synonymously with the term "Building Code Official."

- b) The following section shall be added to the designated International Property Maintenance Code, as adopted:
Section 106.4 Violation penalties. Violation of any provision of this Code shall be a public offense, punishable as a Class I Infraction upon conviction as provided in Article 20 of this Code of Regulations. 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.

- c) The following section shall be added to the designated International Property Maintenance Code, as adopted:
108.1 Posting structures unfit for human occupancy. The Building 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 a public offense, a Class I Infraction, to occupy this building, or to remove or deface this notice. Building Code Official Johnson County, Kansas</p>
--

SECTION 5. AMENDMENTS.

- a) Section 101.1 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
101.1 Title. These regulations shall be known as the Property Maintenance Code of Johnson County, Kansas, hereinafter referred to as “this Code.”
- b) Section 102.3 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
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 as follows:
NFPA 70-99 – National Electric Code, 2011 Edition
- c) Section 103.5 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
103.5 Fees. The fees for activities and services performed by the department in carrying out its responsibilities under this Code shall be as indicated in the International Building Code.
- d) Section 105.4 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
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 Building Code Official. All elements must be in good repair or have been reconditioned, tested, and placed in good and proper working condition.
- e) Section 111.1 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
111.1 Application for appeal. Any person directly affected by a decision of the Building Code Official or a notice or order issued under this Code shall have the right to appeal to the Board of Code Review, provided that the written application for appeal is filed within the time limits set forth in Article 12 of the Johnson County Code of Regulations, 2012 Edition. All rules and regulations of the Board of Code Review shall apply. An application for appeal shall be based on a claim that the true intent of this Code or the rules legally adopted thereunder have been incorrectly interpreted or the provisions of this Code do not fully apply.

- f) Section 303.14 of the International Property Maintenance Code, as adopted, is hereby amended as follows:
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, is hereby amended as follows:
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, shall furnish heat to the occupants thereof, between 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, is hereby amended as follows:
602.4 Occupiable work spaces. Indoor occupiable work spaces shall be supplied with heat during the period from October 1 to May 1 at a temperature of not less than 65 degrees F (18 degrees C) when 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, is hereby amended as follows:
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 Building Code Official.

ARTICLE 10
INTERNATIONAL FIRE CODE

SECTION 1. 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, is hereby adopted.

SECTION 2. 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 Johnson County, 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) The term "ordinance" shall mean and include the word "resolution."
- c) The term "city" shall mean and include the word "county."
- d) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- e) 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.
- f) 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.
- g) 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.
- h) The term "unplatted subdivision" shall mean the division of a lot, tract or parcel of land according to the County's adopted "lot-split" procedures. Unplatted

subdivisions may also be lots, tracts or parcels of land that were of record in the Register of Deeds Office as of March 1, 1982.

- i) 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.
- j) 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.
- k) 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 3. DELETIONS. The following provisions of the International Fire Code, as adopted, shall be deleted and not applicable under this code:

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

SECTION 4. 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 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 Johnson County 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 added to 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 Code Official, or
2. available fire-flow of at least 500 gallons per minute for a minimum 2-hour flow duration from a hydrant and some other available alternate water source, herein defined, which will provide the equivalent of an additional 500 gallons per minute fire-flow for fire-fighting purposes; or
3. available fire-flow of at least 500 gallons per minute for a minimum 2-hour flow duration from a hydrant or otherwise and no part of the residence to be constructed is closer than 100 feet from any other residence (or 50 feet from the property line if no other residence exists); or
4. if individual lots are 10 acres or more, the fire-flow may be reduced to 250 gallons per minute and a minimum 2-hour flow duration provided that no other residence shall be constructed closer than 100 feet from any other residence (or 50 feet from the property line if no other structure exists); that the applicable fire district shall verify their ability to supply the site with fire-flow of at least 250 gallons per minute; that an access road, herein defined, shall be provided for fire apparatus; and that noncombustible materials be used for roof coverings.
5. Waivers. In the event none of the conditions set forth in (1) through (4) above exist, 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 5. AMENDMENTS.

- a) Section 101.1 of the International Fire Code, as adopted, shall be amended as follows:

101.1 Title. These regulations shall be known as the "Fire Code of Johnson County, Kansas," may be cited as such, and will be referred to herein as "this Code."

- b) Section 103.1 of the International Fire Code, as adopted, shall be amended as follows:

103.1 Fire Prevention Bureau. A fire prevention bureau is hereby established under the direction of the Building Code Official, which shall consist of each and

every applicable Fire District Fire Chief, or designee, in unincorporated Johnson County, Kansas. The function of this bureau shall be to assist the Building Code Official in the implementation, administration, and enforcement of this Code except when regarding;

1. The prevention of fires, as described or mandated by the appropriate Kansas statutes;
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.

- c) Section 104.1 of the International Fire Code, as adopted, shall be amended as follows:

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 Director of Planning, Development, and Codes, may designate a member of a fire district, the Johnson County Public Works Department or the Johnson County Planning, Development, and Codes Office, 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.

- d) Section 104.11.2 of the International Fire Code, as adopted, shall be amended as follows:

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 chief or officer of the fire district 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 district 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 district 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 district, shall be guilty of a public offense, Class I Infraction.

- e) Section 105.1 of the International Fire Code, as adopted, shall be amended as follows:
105.1 General. Permits shall be in accordance with Section 105. If 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. Carnivals and fairs. (105.6.4)
 2. Explosives. (105.6.14)
 3. Open burning. (105.6.30)
 4. Pyrotechnic special effects material. (105.6.36)
 5. Storage of scrap tires and tire byproducts. (105.6.42)
- f) Section 105.6.4 of the International Fire Code, as adopted, shall be amended as follows:
105.6.4 Carnivals and fairs. An operational permit is required to conduct a carnival or fair.
- g) Section 105.6.14 of the International Fire Code, as adopted, shall be amended as follows:
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 Article 15, of the Johnson County Code.
- h) Section 105.6.30 of the International Fire Code, as adopted, shall be amended as follows:
105.6.30 Open burning. An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Instructions and stipulations of the permit shall be adhered to. Applications for open burning shall be submitted in writing to the appropriate fire district before the fire is set and shall be in such form and contain such information as required by the Building Code Official. Such applications shall contain information regarding the purpose of the proposed burning, the nature and quantities of material to be burned, the time and date when such burning will take place, the location of the burning site, and the name and phone number of the person responsible for supervision of the burning.
Exception: Fires deemed to be recreational by the appropriate Fire District Chief.
- i) Section 105.6.36 of the International Fire Code, as adopted, shall be amended as follows:
Section 105.6.36 Pyrotechnic special effects material. An operational permit is required for use and handling of pyrotechnic special effects material.

- j) Section 105.6.42 of the International Fire Code, as adopted, shall be amended as follows:
Section 105.6.42 Storage of scrap tires and tire byproducts. An operational permit is required to establish, conduct, or maintain storage of scrap tires and tire byproducts that exceed 2,500 cubic feet (71 m³) of total volume of scrap tires, and for indoor storage of tires and tire byproducts.
- k) Section 109.4 of the International Fire Code, as adopted, shall be amended as follows:
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 a public offense, a Class I Infraction punishable upon conviction as provided in Article 20 of this Code of Regulations. 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.
- l) Section 111.4 of the International Fire Code, as adopted, shall be amended as follows:
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 in violation of this Code. Violation of any provision of this Code shall be a public offense, punishable as a Class I Infraction upon conviction, as provided in Article 20 of this Code of Regulations. 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.
- m) Section 501.3 of the International Fire Code, as adopted, shall be amended as follows:
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.
- n) Section 503.3 of the International Fire Code, as adopted, shall be amended as follows:
Marking. If 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 to seven feet 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 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 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 six feet of each thirty-foot length of fire lane. Each separate red striped area shall contain three inch 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.

- o) Section 505.1 of the International Fire Code, as adopted, shall be amended as follows:

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 high with a minimum stroke width of 0.5 inch. Numbers shall be a minimum height of: four inches in Use Groups R -3 and R-4; six inches in Use Group R-3 Child Care Facilities; and eight inches 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 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 Code 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.

- p) Section 506.1 of the International Fire Code, as adopted, shall be amended as follows:
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.

- q) Section 506.2 of the International Fire Code, as adopted, shall be amended as follows:
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.

- r) Section 901.6 of the International Fire Code, as adopted, shall be amended as follows:
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.

- s) Section 903.4.2 of the International Fire Code, as adopted, shall be amended as follows:
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.

- t) Section 903.4.3 of the International Fire Code, as adopted, shall be amended as follows:
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.

- u) Section 3103.2 of the International Fire Code, as adopted, shall be amended as follows:
3103.2 Approval required. Tents and membrane structures having an area in excess of 900 square feet shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the building official.

ARTICLE 11
INTERNATIONAL ENERGY CONSERVATION CODE

SECTION 1. ADOPTION. The International Energy Conservation Code, 2012 Edition, published by the International Code Council is hereby adopted.

SECTION 2. 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 "ordinance" shall mean and include the word "resolution."
- b) The term "city" shall mean and include the word "county."
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.
- d) The term "Code Official" shall mean the Johnson County Building Official.

SECTION 3. DELETIONS. The following provisions of the International Building Code, as adopted, shall be deleted and not applicable under this Code:

- a) Section C109 Board of Appeals.
- b) Sections C402.3.2 Minimum skylight fenestration area.
- c) Section C406 Additional Efficiency Package Options.
- d) IECC-Residential Provisions, including Chapters 1 through 5.

SECTION 4. ADDITIONS.

- a) Sections C107.2 Schedule of permit fees. At the end of the first paragraph add the following: The fee for each building permit shall be as set forth in Table 1-A. When permit fees are required, a plan review fee shall be paid at the time of submitting documents for plan review. The plan review fee shall be 65 percent of the building permit fee as shown in Table 1-A. The plan review fees specified in this subsection are separate fees from the permit fees specified in Sections C107.2 or and are in addition to the permit fees. When submitted documents are incomplete, changed so as to require additional plan review, or when the project involves deferred or amended submittal items as defined in Section C103.4, an additional plan review fee may be charged at the rate shown in Table 1-A.

Applications for which no permit is issued within 180 days following the date of application shall expire, 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.

TABLE 1-A BUILDING PERMIT FEES

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$22.00
\$501.00 to \$2,000.00	\$22.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$63.00 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$352.00 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$580.00 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$895.00 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$2,855.00 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$4,995.00 for the first \$1,000,000.00 plus \$2.75 for each additional \$1000.00, or fraction thereof
Other Inspections and Fees:	
1. Inspections outside of normal business hours (minimum charge -two hours)	\$50.00 per hour*
2. Reinspection fees.	\$50.00 per hour*
3. Inspections for which no fee is specifically indicated (minimum charge - one-half hour)	\$50.00 per hour*
4. Additional plan review required by changes, additions or revisions to plans	\$50.00 per hour*
5. For use of outside consultants for plan checking or inspections.	Actual costs**
* Or the total hourly cost to the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.	
** Actual costs include administrative and overhead costs.	
A \$50.00 plan review fee will be assessed for residential plans.	
Commercial plan review is an additional 65% fee. (65% of building permit fee).	

- b) Add Section C110 entitled Violation Penalties. Add paragraphs as follows:
 C110.1 Violation of any provision of this Code shall be a public offense, punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. 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 Article 20 designated above.

C110.2 Prosecution of violation. Any person failing to comply with a notice of violation or order shall be deemed guilty of a Class I Infraction, and the violation shall be deemed a strict liability offense. If the notice of violation is not complied with, the Building Code Official shall 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 5. AMENDMENTS.

- a) C101.1 Title. Amend the paragraph as follows: This Code shall be known as the International Energy Conservation Code of Johnson County, and shall be cited as such. It is referred to herein as “this Code.
- b) C108.4 Failure to comply. Amend the paragraph as follows: 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 punishable upon conviction as provided in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition.
- c) Table C402.2. Opaque Thermal Envelope Requirements. 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	
				R-10ci	R-10.4ci
Attic and other	R-38	R-38	Joist Framing	R-30	R-30
	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.
- d) C402.3.1 Maximum area. Amend the paragraph as follows: 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.
- e) C402.3.1.1 Increased vertical fenestration area with daylighting controls. Amend the paragraph as follows: In Climate Zones 1 through 6, a maximum of 40 percent of the gross above-grade wall area shall be permitted to be vertical fenestration.

ARTICLE 12
BOARD OF CODE REVIEW

SECTION 1. CREATION. There is hereby created and established a board to assist the County Building Code Official and the Board of County Commissioners in their responsibilities and duties, which shall be known as the Board of Code Review, hereinafter referred to “BCR.”

SECTION 2. DEFINITIONS.

SECTION 3. POWERS AND DUTIES.

- a) The BCR shall:
 1. Provide advice and counsel, and shall render interpretations or opinions to the County Building Code Official, upon such person’s request, regarding the provisions of the various codes, standards, and other publications adopted by the County pursuant to this Code of Regulations.
 2. Review and provide comment to the Board of County Commissioners concerning the contents of any newly-published edition of any code, standard, or other publication adopted or proposed to be adopted by the County pursuant to this Code of Regulations; recommending to the Commissioners the advisability of adopting same, with or without any deletions, additions or amendments thereto proposed by the BCR.
 3. Perform any additional duties that the Board of County Commissioners prescribes and, in all cases, shall be subject to the jurisdiction and control of the Board of County Commissioners.

- b) The BCR shall be limited in its authority to that of an advisory board and neither its advice, counsel or opinions shall be binding upon or control the actions of the County Building Code Official or the Board of County Commissioners.

SECTION 4. MEMBERSHIP:

- a) The BCR shall consist of members who are qualified by their experience and training to advise upon matters pertaining to the various codes, standards, and other publications adopted by the County pursuant to this Code of Regulations. Toward that end, membership in the BCR shall be comprised of individuals from the following crafts and professions:
 1. Architecture
 2. Builders
 3. Electricians
 4. Engineering
 5. Plumbing
 6. Fire Protection
 7. Mechanical

- b) Membership in the BCR shall be limited to seven (7) in number. Members appointed to the BCR shall serve at the will and pleasure of the Board of County

Commissioners and shall serve until their successors are appointed. Vacancies shall be filled by appointment by the Board for the unexpired term. Members appointed to the BCR shall be residents of Johnson County, Kansas, and shall not be individuals who currently hold elected office within the boundaries of the County; nor shall they be appointed or hired employees of the County or its agencies, departments or commissions; nor shall they be appointees by the Board of County Commissioners to any other position, board or commission that performs services for and on behalf of the Board.

- c) The initial appointments to the BCR shall be made for one, two, or three year terms; two appointments each to one and two year terms, and three appointments to three year terms. Thereafter, all appointments shall be made for three year terms, provided all vacancies shall be filled for the unexpired term.
- d) The County Building Code Official shall be an ex officio nonvoting member of the BCR and shall act as the secretary for the BCR. The Building Code Official, or his or her designate, shall keep a proper record of all the proceedings of the BCR.
- e) Members of the BCR shall serve without compensation for their services, but may receive such traveling expenses and training as the Board of County Commissioners authorizes, which shall be paid from any funds available for such purpose.
- f) After the effective date of this Code of Regulations, the appointed members of the BCR shall initially meet at such time and place as fixed by the County Building Code Official, and the members appointed shall select one of their number as chairperson and ones as vice-chairperson who shall serve one year terms in that capacity until their source has been selected. A chairperson or vice-chairperson may serve one or more consecutive terms in that capacity.

SECTION 5. REVIEW AND PROCEEDINGS AND PROCEDURES.

- a) In addition to any other duties and responsibilities exercised by the Board of Code Review under the provisions of the Article, the BCR shall be authorized to hear and determine any written request filed by any person for review and reconsideration of any decision of the Johnson County Building Code Official which is discretionary in nature or which involves an interpretation of any code, standard, or other requirement adopted under this Code.
 - 1. Any person seeking review of a decision or interpretation of the Building Code Official shall, within ten days of the decision or interpretation, file a written request for review or reconsideration, on a form approved by the BCR, specifying the nature of the decision and the relief requested.
 - 2. Upon receipt of any written request for review, the BCR shall give notice to the applicant and the Building Code Official of the time and place, not more than fourteen days thereafter, when the BCR shall meet to review and consider the request.

3. The BCR shall, after hearing the request, issue its opinion in writing to the applicant and the Building Code Official.
 4. The Building Code Official may concur in the opinion rendered by the BCR or may submit the matter to the Board of County Commissioners for final review and decision.
- b) On any action proposed by the Building Code Official under the International Property Maintenance Code, as adopted, for the posting, repair, vacation, demolition, rehabilitation, destruction, or removal of any building or structure, the property owner may, within ten days of receipt of notice of the proposed action, request, in writing, a review and reconsideration of the decision of the Building Code Official, and the BCR shall provide a review hearing to the applicant prior to any further action being taken by the Building Code Official.
 - c) Except as set forth in Section 5b, the Board of Code Review shall not have any authority over nor review any matter related to a citation, a prosecution or enforcement action issued by the Building Code Official for any alleged violation of the Code or any code or standard adopted by this Code, and all such actions shall be heard and reviewed by an appropriate court of competent jurisdiction.
 - d) Within thirty days of their initial meeting, or as soon as thereafter as reasonable and practicable, the BCR shall propose and adopt, subject to the approval of the Board of County Commissioners, rules and procedures for the performance of its duties and the conduct of its responsibilities.

SECTION 6. BOARD OF CODE APPEALS: After the effective date of this Code of Regulations, the Board of Code Appeals is hereby dissolved and its duties, responsibilities, and authority surrendered.

ARTICLE 13
(RESERVED)

SECTION 1. ADOPTION.

SECTION 2. DEFINITIONS.

SECTION 3. DELETIONS.

SECTION 4. ADDITIONS.

SECTION 5. AMENDMENTS.

ARTICLE 14
(RESERVED)

SECTION 1. ADOPTION.

SECTION 2. DEFINITIONS.

SECTION 3. DELETIONS.

SECTION 4. ADDITIONS.

SECTION 5. AMENDMENTS.

ARTICLE 15
BLASTING REGULATIONS

SECTION 1. GENERAL

a) Use of explosives for blasting shall be permitted after all appropriate applications and permits have been approved. Blasting shall be done only by those experienced in the handling of explosives, and in accordance with the recommendations of the Associated General Blaster's Manual of Accident Prevention (AGCMAP) in Construction and OSHA regulations. In locations where flying rock may be present, additional overburden shall be ready for use and/or in place before denotation. All trenching operations utilizing explosives shall be suitably backfilled to prevent any fly rock endangerment to persons or property. The use of these procedures does not relieve the blaster of responsibility for damage to life and property.

b) The Johnson County Department of Planning, Development, and Codes will be known as the "authority having jurisdiction" regarding the storage, handling, use, and control of explosives used in construction projects. The Building Code Official will issue all blasting permits. Control of the public road right-of-way remains with Public Works.

Requirements of the International Fire Code, Chapter 33, regarding explosives and blasting agents shall be considered part of these regulations. The Building Code Official may enforce other national standards such as Explosives and Blasting Procedures, Explosives Training Manual, Blasters Handbook, and the Safety Practices Manual. All explosives and related material shall be in conformity with the requirements of the authority having jurisdiction, and the specifications contained herewith, whichever is more stringent. Blasting will not be permitted within eighty feet (80') of any building structure.

All blasting operations shall be conducted under the direction of a Kansas certified blaster. Evidence of blaster certification shall be carried by blasters or shall be on file at the Department of Planning, Development and Codes during blasting operations. A blaster and at least one other person shall be present at the firing of a blast. Persons responsible for blasting operations at a blasting site shall, as a minimum, conform to the criteria as outlined. The blaster shall be responsible for all damage caused by blasting operations and shall be responsible for responding to all complaints. Suitable methods shall be employed to confine all materials lifted by blasting within the limits of the excavation or trench. All rock which cannot be handled and compacted as earth, shall be kept separate from other excavated materials and shall not be mixed with backfill or embankment materials except as specified or directed by the Building Code Official.

All blasting shall be in conformity with the requirements having jurisdiction over the right-of-way, and the specifications contained herewith, under the International Fire Code or Codes office, whichever is more stringent.

A blast design shall be submitted to the Building Code Official for review prior to any blasting operations. The blast design shall contain sketches of the drill patterns, delay periods, and decking and shall indicate the type and amount of explosives to be used, critical dimensions, and the location and general description of structures to be protected, as well as an outline of design factors to be used, which protect the public and meet the

applicable air blast and ground vibration standards, as set forth in Section 9. The blast design shall be prepared and signed by a certified blaster. The Building Code Official may request changes to the design submitted.

SECTION 2. PREBLASTING SURVEY. At least ten (10) days before any blasting, the surveyor shall notify, in writing, all residents or owners of dwellings and other structures located within six-hundred (600) feet of the blasting area of the intent to conduct a preblasting survey. The Building Code Official may modify the 600 feet distance for good cause. Notification shall be by certified mail with a copy by regular mail.

The surveyor shall conduct a preblasting survey of dwellings and structures and prepare a written report of the survey. The surveyor, if requested by the Building Code Official, shall perform an updated survey of any additions, modifications, or renovations to dwellings or structures.

The surveyor shall determine the condition of the dwelling or structure and shall document any existing damage or other physical factors that could be affected by the blasting. Unless prevented by the owner or occupant of the property, the surveyor shall examine the interior as well as the exterior structure and shall document any damage by means of photographic or video-recording methods. Structures such as pipelines, cables, transmission lines, cisterns, wells and other water systems, may warrant special attention; however, the assessment of these structures can be limited to surface conditions and other readily available data. Upon written request to the Building Code Official by Johnson County Wastewater, the interior of any existing sanitary sewer-line shall be surveyed by means of a permanently recorded closed-circuit video camera prior to blasting operations and after blasting has been concluded in the area of the existing sewer-line.

The person who conducted the survey shall sign the written report of the survey. Copies of the report shall be promptly provided to the Building Code Official. The surveyor shall complete all surveys before any blasting. A disinterested third party, regularly engaged in performing preblast surveys, shall conduct all surveys.

The preblast survey shall not commence until the survey method has been reviewed and approved by the Building Code Official.

SECTION 3. PUBLIC NOTIFICATION. Before blasting is started, the blaster shall inform all residents within a radius of 1500 feet of the blasting location by means of printed information sheets. The notification shall be delivered by registered mail, with a copy by regular mail or by hand delivery with a signature from the owner or occupant to evidence receipt. At a minimum, the information sheets shall include the blaster's name and contact information, approximate dates and times of blasting, source and scope of blast monitoring, explanation of warnings, and control area parameters.

SECTION 4. WARNING SYSTEM The blaster shall provide suitable warning by siren or whistle prior to all blasts.

SECTION 5. OVER-BLASTING. The requirements presented herein shall not relieve the blaster from responsibility to avoid disturbing earth or rock beyond indicated and specified lines and levels.

SECTION 6. NOTIFICATION. The blaster shall notify the owner or operator of all gas, water, and petroleum pipelines in any area where blasting will occur. A representative of the pipeline owner shall be allowed to be present to observe preparations and blasting.

SECTION 7. BLASTING SCHEDULE. The blaster shall conduct blasting operations between 8:30 a.m. and 4:30 p.m. as approved by the Building Code Official and announced in the blasting schedule. The Building Code Official may direct that blasting only occur during a certain hour or hours.

SECTION 8. BLASTING SIGNS, WARNINGS, AND ACCESS CONTROL. Blasting signs shall meet the specifications of this section. The blaster shall:

- a) Conspicuously place signs reading "*Blasting Area*" along the edge of any blasting area that comes within 100 feet of any public or private road and at the point where any other road provides access to the blasting area; also, conspicuously place signs reading "*Blasting Area - Turn Off Two-Way Radios*" along the edge of any blasting area that comes within five-hundred (500) feet of any road and one-thousand (1000) feet on either end of the blasting area; and,
- b) Place conspicuous signs that state "*Warning! Explosives In Use*" at all entrances to the permit area from any road. The signs must clearly list and describe the meaning of the audible blast warning and "all-clear" signals that are in use, and must explain the marking of blasting areas and charged holes awaiting firing within the permit area; and, shall give warnings and "all-clear" signals of different character or pattern that are audible within a range of one thousand (1000) feet from the point of the blast. Each person within the permit area and each person who resides or regularly works within one-thousand (1000) feet of the permit area shall be notified of the meaning of the signals. Access within the blasting area shall be controlled to prevent presence of livestock or unauthorized persons during blasting. Access to and travel within the blasting area shall not be resumed until the blaster has reasonably determined that no hazards, such as imminent slides or un-detonated charges, exist.

SECTION 9. CONTROL OF ADVERSE EFFECTS. Blasting shall be conducted in a manner to prevent injury to persons, damage to public or private property, adverse impacts on any underground mine, and change in the course, channel, or availability of surface or ground water outside the permit area.

- a) Air blast. Air blast shall not exceed the maximum limits listed below at the location of any building outside the permit area, except as provided in this section.

Lower frequency limit of measuring system, in Hz (+3 dB)	Maximum level, in dB
0.1 Hz or lower--flat response ¹	134 peak.
2 Hz or lower--flat response	133 peak.

6 Hz or lower--flat response	129 peak.
C-weighted--slow response ¹	105 peak dBC.

¹ Only when approved by the Building Code Official.

If necessary to prevent damage, the Building Code Official can specify lower maximum allowable air blast levels than those of listed in this section for use in the vicinity of a specific blasting operation.

The blaster shall conduct monitoring to ensure compliance with the air blast standards. The measuring systems shall have an upper-end flat frequency response of at least 200 Hz.

- b) Ground Vibration. The maximum ground vibration for protected structures listed in this section shall be established in accordance with the maximum peak-particle-velocity limits, the scaled-distance equation, the blasting level chart, or by the Building Code Official. All structures in the vicinity of the blasting area, such as water towers, pipelines and other utilities, tunnels, dams, impoundments, and underground mines, shall be protected from damage by the establishment of a maximum allowable limit on the ground vibration, 1.0 inches per second. The Building Code Official may specify a more restrictive limit in the interest of the public safety, or the Building Code Official may approve a higher limit if the blaster can demonstrate that damage will not occur to buildings or structures. The maximum ground vibration shall not exceed the following limits at the location of any building.

DISTANCE	MAXIMUM ALLOWABLE	SCALED PEAK
Distance (D) from the blasting site in feet.	Particle velocity (Vmax) for ground vibration in inches/second ¹	Factor to be applied without seismic monitoring ²
0 to 300	1.00	50
301 to 5,000	1.00	55
5,001 and beyond	0.75	6

¹ Ground vibration shall be measured as the particle velocity. Particle velocity shall be recorded in three mutually perpendicular directions. The maximum allowable peak particle velocity shall apply to each of the three measurements.

² Applicable to the scaled-distance equation.

A seismographic record shall be provided for each blast at locations designated by the Building Code Official. A blaster may use the scaled-distance equation, $W = (D/D_s)$, to determine the allowable charge weight of explosives to be detonated in any 8-millisecond period, without seismic monitoring; where W =the maximum weight of explosives, in pounds; D =the distance, in feet, from the blasting site to the nearest protected structure; and D_s =the scaled-distance factor, which may initially be approved by a licensed engineer using the values for scaled-distance factor listed. The blaster may use the ground-vibration limits in Figure I of this section to determine the maximum allowable ground vibration.

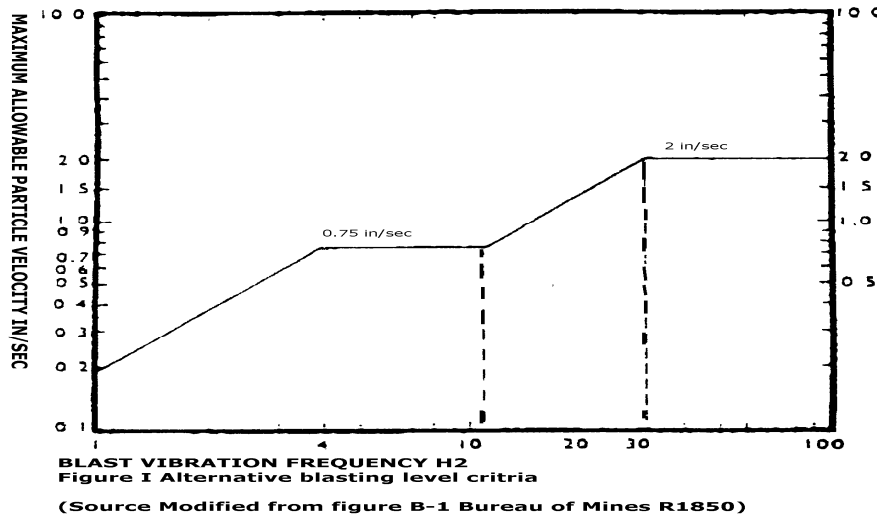


FIGURE 1

If the Figure 1 limits are used, a seismographic record including both particle velocity and vibration-frequency levels shall be provided for each blast. The Building Code Official shall approve the method for the analysis of the predominant frequency contained in the blasting records before application of this alternative-blasting criterion. The Building Code Official can reduce the maximum allowable ground vibration beyond the limits otherwise provided for in this section, if determined necessary to provide damage protection. The blaster shall conduct seismic monitoring of all blasts at locations approved by the Building Code Official.

SECTION 10. RECORDS OF BLASTING OPERATIONS. The blaster shall retain a record of all blasts for at least three (3) years. Upon request, copies of these records shall be made available to the Building Code Official and/or public for inspection within twenty-four (24) hours. Such records shall contain the following data:

- a) Name of the blaster conducting the blast;
- b) Location, date, and time of the blast;
- c) Name, signature, and certification number of the blaster conducting the blast;
- d) Identification, direction, and distance, in feet, from the nearest blast hole to the nearest dwelling, public building, school, church, community or institutional building outside the permit area, except those described herein;
- e) Whether conditions, including those which may cause possible adverse blasting effects;
- f) Type of material blasted;
- g) Sketches of the blast pattern including number of holes, burden, spacing, decks, and delay pattern;

- h) Diameter and depth of holes;
- i) Types of explosives used;
- j) Total weight of explosives used per hole;
- k) The maximum weight of explosives detonated in an 8-millisecond period;
- l) Initiation system;
- m) Type and length of stemming;
- n) Mats or other protections used;
- o) Seismographic and air blast records, shall include:
 - 1. Type of instrument, sensitivity, and calibration signal or certification of annual calibration;
 - 2. Exact location of instrument and the date, time and distance from the blast;
 - 3. Name of the person and firm taking the reading;
 - 4. Name of the person and firm analyzing the seismographic record; and
 - 5. The vibration and/or air blast level recorded.

SECTION 11. BLASTER. The blaster shall be trained and be knowledgeable in the applications of all sections of the adopted blasting codes.

The blaster shall be responsible for:

- a) Explosives, including:
 - 1. Selection of the type of explosive to be used;
 - 2. Determination of the properties of explosives that will produce desired results at an acceptable level of risk;
 - 3. Handling, transportation, and storage.
- b) Blast designs, including:
 - 1. Geologic and topographic considerations;
 - 2. Design of a blast hole, with critical dimensions;
 - 3. Pattern design, field layout, and timing of blast holes;
 - 4. Field applications.
- c) Loading blast holes, including priming and boosting;
- d) Initiation systems and blasting machines;
- e) Blasting vibrations, air blast, and flyrock, including:
 - 1. Monitoring techniques;
 - 2. Methods to control adverse effects;
- f) Secondary blasting applications;
- g) Current federal and state rules applicable to the use of explosives;

- h) Blast records;
- i) Schedules;
- j) Preblasting surveys, including:
 - 1. Availability;
 - 2. Coverage;
 - 3. Use of in blast design.
- k) Blast-plan requirements;
- l) Certification and training;
- m) Signs, warning signals, and site control;
- n) Unpredictable hazards, including:
 - 1. Lightning;
 - 2. Stray currents;
 - 3. Radio waves; and,
 - 4. Misfires

The appropriate licensing authority shall license the blaster. The blaster shall be responsible for obtaining all necessary permits required for blasting operations.

SECTION 12. ENFORCEMENT, VIOLATIONS, AND PENALTIES Violation of any provision of this regulation shall be a public offense, punishable as a Class I Infraction, upon conviction as provided in Article 20, of the Johnson County Code of Regulations For Buildings and Construction, 2012 Edition. Each separate day or any portion thereof, during which any violation of this Regulation occurs or continues, shall also be deemed to constitute a separate offense, and shall be punishable as provided in Article 20 designated above.

ARTICLE 16
(RESERVED)

SECTION 1. ADOPTION.

SECTION 2. DEFINITIONS.

SECTION 3. DELETIONS.

SECTION 4. ADDITIONS.

SECTION 5. AMENDMENTS.

ARTICLE 17
AMUSEMENT PARKS, RIDES, AND TRANSPORTATION

SECTION 1. PURPOSE. This article establishes minimum standards for the design, construction, alteration, maintenance, operation, plan review, inspections, and the issuance of Amusement and Transportation Systems Permits and Certificates of Operation for amusement and transportation systems. It is intended to protect the public's safety, health and general welfare by setting certain standards for structural strength, stability, and safety relative to life and property hazards incident to the installation, construction, maintenance, alteration, repair, removal, and use of amusement or transportation systems.

SECTION 2. SCOPE. Unless otherwise exempted, the provisions of this chapter shall apply to all amusement or transportation systems erected or installed for a period of thirty (30) days or longer.

- a) This chapter may be referenced as the "Amusement and Transportation Systems Code of Johnson County".
- b) The provisions of this chapter shall not be held to deprive any federal or state agency, or any applicable governing body having jurisdiction, of any power or authority which it had on the effective date of this code or of any remedy for the enforcement of its orders, nor shall it deprive any individual, entity, or corporation of its legal rights as provided by law. These provisions are not intended to regulate public transportation means which are already regulated by Johnson County Public Works or the State of Kansas Transportation Authority.
- c) This code shall be considered as a "technical code" whose administrative provisions are generally contained in the Johnson County Code of Regulations for Building and Construction, 2012 Edition.
- d) When approved by the Building Code Official, ASTM standards may be used for transportation systems in lieu of the ANSI, NFPA, and ASCE standards set forth in sections 22.16.160, 170, and 180.

SECTION 3. DEFINITIONS. For the purposes of this article, the words and terms defined in this section have the meanings ascribed to them herein or the Johnson County Code or other adopted technical codes. When terms are not defined, they shall have their ordinarily accepted meanings within the context in which they are used. Webster's "Third New International Dictionary of the English Language, Unabridged", copyright 1986 shall be considered as providing ordinarily accepted meanings.

- a) The term "ordinance" shall mean and include the word "resolution".
- b) The term "city" shall mean and include the word "county".
- c) The term "misdemeanor", unless otherwise specifically defined or provided for herein, shall mean Class I Infraction.

- d) The term “Accepted Engineering Practice” is that which conforms to accepted principles, tests or standards of nationally recognized technical or scientific authorities.
- e) The term “Amusement System or Transportation System Permits (ATS)” means permits issued by the department authorizing construction and installation of an ATS. At the Building Code Official’s option, it may include in its scope any subsidiary permits for supporting or enclosing structures or building associated structures, utility permits, and other building service equipment.
- f) The term “Amusement Systems” is any ride, device, building or structure which is used primarily for human entertainment, and enjoyment which is either moving or stationary. The final determinations to whether a ride, device, or structure shall be classified under this definition shall be made by the Building Code Official. For the purposes of this chapter, electronic gaming devices, pinball games, or electronic arcade games, and non-motorized playground equipment are not amusement systems.
- g) The term “Amusement Park” means a tract or area used principally as a permanent location for amusement systems, amusement buildings or transportation systems.
- h) The term “Approve Agency” means an agency regularly engaged in providing verification reports, manufacturing inspection and/or testing, raw material inspection, certification and/or testing of completed products and/or components at the point of fabrication/manufacture, or inspection and/or testing of assembled items and/or components at the project during construction and/or installation.
- i) The term “ATS” means an Amusement or Transportation System as defined herein.
- j) The term “Building Code Official” means the officer or other designated authority charged with the administration and enforcement of this code, or his duly authorized representative.
- k) The term “Certificate of Occupancy” means a document issued by the department on an annual basis certifying that an ATS has been inspected and found to be in compliance with the manufacturer’s requirements for operation and maintenance, the approved Operations and Maintenance Manual(s), approved plans and any other requirements of this chapter. A certificate is required to authorize operation of an ATS.
- l) The term “Department” means the Johnson County Department of Planning, Development, and Codes.

- m) The term “Director” means an organizational designation that identifies the head of the Department of Planning, Development and Codes or an authorized representative.
- n) The term “Major Modification” of an ATS is any change in either the structural or operational characteristics of the ATS which will alter its performance from that specified in the manufacturer’s design criteria.
- o) The term “Minor Modification” of an ATS is any change that does not alter the structural or operational characteristics nor change its performance from that specified in the manufacturer’s design criteria.
- p) The term “Operations and Maintenance Manual(s)” means one or more manuals in English approved by the department which specify what the Owner/Operator will follow to ensure proper maintenance and safe operation in order to meet the standards of this chapter.
- q) The term “Owner/Operator” means the owner, operator, and/or lessee or who has custody or control of the ATS.
- r) The term “Patron” means a person who participates in an ATS, whether paying or non-paying, employee or non-employee.
- s) The term “Prohibited Use Notice” means a formal written document issued by the department indicating noncompliance with the requirements of certification, installation, inspection, operation or any other portions of this chapter and further indicating that the ATS may not be operated for other than inspection or testing.
- t) The term “Property Maintained” means maintained in accordance with the requirements of the approved “Operations and Maintenance Manual(s)”.
- u) The term “Qualified Individual” means a designated representative of the owner/operator of an ATS who is a technically qualified person accountable to the owner for the maintenance of an ATS.
- v) The term “Transportation System,” means any moving apparatus which is primarily intended for transportation but may include entertainment and enjoyment while moving along, around, or over a fixed or restricted course. This includes people movers and monorails, for private property, linking of properties, or when included in a franchise agreements. The final determination as to whether an apparatus shall be classified under this definition shall be made by the director. It shall not include automobiles, trucks, buses, surface trains or other transportation means when existing regulation by state or federal authorities would be in conflict with this ordinance.

- w) The term “Unscheduled Cessation” is a rare, unusual or irregular stopping of an ATS operation, intentional or otherwise, that is considered abnormal or potentially hazardous in nature, or both, due to its cause, method or result.
- x) The term “Verification Report” means certification by an approved agency or the department that all inspection and/or testing, required by the manufacturer and the operation and maintenance manual(s) approved by the department, was performed and found to be in compliance.

SECTION 4. OTHER ADOPTED CODES. The ATS regulated by this chapter as a technical code shall conform to the requirements of all other adopted technical codes of the department as they may apply to an installation.

SECTION 5. OWNER/OPERATOR’S.

- a) Owner/Operator’s Responsibilities. The owner/operator responsibilities shall include, but not be limited to: ensuring that each ATS is periodically inspected, properly maintained, and properly operated as specified in the approved Operations and Maintenance Manual(s); designating a “qualified individual” for each ATS; and determining when use of an ATS should be discontinued.
- b) Qualified Individual Responsibilities. The qualified individual shall be the designated technical representative of the owner/operator with respect to a specified ATS. This individual shall be responsible for having full operational knowledge of the ATS and responsibility for maintenance at all times that the ATS is in use. The qualified individual may be an employee of the owner/operator, the owner/operator, the manufacturer, or a contracted maintenance company.

SECTION 6. PROHIBITED USE NOTICE AND RESOLUTION.

- a) Prohibited Use Notice. Where the Building Code Official determines an ATS is not in compliance with the requirements and provisions of this chapter, the applicable technical codes, the Johnson County Code, the approved Operations and Maintenance Manual(s) or an accident has occurred which has resulted in a fatality, injury, or ATS damage, the Building Code Official may declare that the continued operation of the ATS is prohibited. The Prohibited Use Notice shall also state the reason(s) for the finding. Upon receipt of a Prohibited Use Notice, the owner/operator and Qualified Individual shall immediately cease operation of the ATS.
- b) Out-of Service Seal. Upon issuance of a Prohibited Use Notice, the Building Code Official shall cause to be affixed to the control panel an Out-of-Service Seal(s) stating that the ATS shall not be used except for testing or inspection. In the event that the owner/operator does not adequately secure the ATS, then the Building Code Official may in his discretion cause one or more Out-of-Service Seal(s) to be placed across the entrance(s) to such ATS. Such notice and seals

shall not be removed except by order of the Building Code Official after the ATS has been repaired, re-inspected and certified as operational.

- c) Method of Resolution. Once the owner/operator has affected a repair of all deficiencies identified in the Prohibited Use Notice, the owner/operator shall notify the department and request an inspection. The department shall inspect within twenty-four hours. When the deficiencies are found to be corrected and required tests are completed successfully, then the Out-of Service Seal(s) shall be removed immediately.

SECTION 7. APPEALS. The owner/operator may appeal orders, decisions or determinations made by the Director or Building Code Official relative to the application and interpretations of this code to the Board of Code Review as provided in the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition. The pendency of the appeal shall not result in the removal of the Out-of-Service Seal(s). Failure of the owner/operator to file an appeal within ten (10) days of the date of issue of a Prohibited Use Notice shall be a waiver of subsequent administrative redress. Upon written appeal, the Board of Code Review shall schedule a hearing.

SECTION 8. ADOPTION OF STANDARD FOR APPLICATION INFORMATION PROVISIONS. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F698-94, "Physical Information to be Provided for Amusement Rides and Devices", is hereby adopted by reference as a part of this chapter.

SECTION 9. ADOPTION OF STANDARD FOR OPERATION. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F770-93, "Operation Procedures for Amusement Rides and Devices", is hereby adopted with the following amendments:

A new section is added to read as follows:

7.0 Required Documents

7.1 Copies of all items identified in this standard shall be presented to the department for review and approval. All such documents shall be a part of the ATS Permit application package and are a required part of the total plan submittal package. The plans for construction may not be approved nor any permits issued until the information required herein is submitted, reviewed and approved.

7.2.1 Copies of the Johnson County approved operation and maintenance manual(s) identified in the standard shall be maintained at all times with the ATS or at a location near the ATS approved by the Building Code Official. These documents shall be made available for review by the Building Code Official, his authorized agent or other concerned county agencies upon request during normal operating hours.

- 7.2.2 A copy of the emergency procedure shall be filed with the department to meet the intent of the standard included herein.
- 7.2.3 The owner/operator shall retain quality assurance documentation, such as material certification test reports, inspection records, and reports for the life of the ATS while under his/her control. Upon sale or other transfer of the ATS, the owner/operator shall transfer these quality assurance documents to the new owner/operator.

SECTION 10. ADOPTION OF STANDARD FOR PERFORMANCE TESTING. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F846-92, "Testing Performance of Amusement Rides and Devices", is hereby adopted with the following amendments:

Section 7, Paragraph 7.1, is amended to read as follows:

The manufacturer of the ATS shall develop specific operational tests along with minimum intervals for these tests to be performed that will allow the owner/operator of the ATS to determine whether a given ATS is operating within prescribed operational limits. Testing as prescribed by the manufacturer shall be performed by a Johnson County approved third party testing agency for initial installation and subsequent testing and observed by the Building Code Official or his duly authorized representative. When required by the approved Operations and Maintenance Manual(s), the owner/operator shall cause an approved third-party agency to perform or observe testing and/or inspection.

Amend Paragraph 8.1.8 to read as follows:

- 8.1.8 Within a reasonable time following a request by the Building Code Official, an owner/operator or inspection agency, the manufacturer of an ATS whose approved operations and maintenance manual(s) does not contain testing recommendations shall either provide a component listing or statement that no NDT is recommended on the ride or device as per the criteria outline of 8.1.2. When a manufacturer's list or statement is not available, it may be compiled by a registered professional engineer or engineering agency or by any individual qualified by training and experience to compile such a list or statement based upon the ATS's specifications and history and using accepted engineering practices.

SECTION 11. ADOPTING OF STANDARD FOR MAINTENANCE. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F853-93, "Maintenance Procedures for Amusement Rides and Devices", is hereby adopted with the following amendments:

Section 4, Paragraph 4.1, Subparagraph 4.1.14 is amended to read as follows:

Supplemental notification bulletins delivered by the manufacturer of an ATS to the owner/operator that were not provided at the time of sale and contain new information or newly recommended inspections or testing, or both, shall be

provided to the department immediately, with maintenance bulletins or similar documents originated by the manufacturer of the ATS after its initial installation and shall be consistent with the following criteria in order to carry the force and effect of this practice:

Section 5, Paragraph 5.1, "Owner's/Operator's Responsibility", is amended by adding Subsection 5.1.4 to read as follows:

5.1.4: A formal written daily log form to be completed and signed by the person performing the maintenance prior to each day's operation identifying each required maintenance and inspection item and attesting that the required maintenance procedures have been performed. A copy of daily and other log forms required by the approved "Operations and Maintenance Manual" shall be maintained by the owner/operator as long as the ATS is under the control of the owner/operator. All records shall be available for inspection upon request by the department and any of its assigned inspectors during working hours. All records and maintenance logs since the date of the last annual department inspection shall be maintained on-site."

A new Section 5, Paragraph 5.1, Subparagraph 5.1.5 is added to read as follows"

5.1.5: Any additional recommendations of the owner/operator, manufacturer or the Department."

SECTION 12. ADOPTING OF STANDARD FOR INSPECTION. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F893-87, "Inspection of Amusement Rides and Devices," is hereby adopted with the following amendments:

Section 5, Paragraph 5.1.1, is amended to read as follows:

The manufacturer of an ATS shall have a written quality assurance program for use in conjunction with the design, manufacture, construction, modification, or reconditioning of the amusement ride or device. A copy of the manufacturer's written quality assurance program shall be submitted at the time of Amusement and Transportation Systems Permit application for review and approval. The Building Code Official may also require that the quality assurance program be amended and brought into conformance with the adopted and published technical guidelines or other requirements of Johnson County prior to the approval of any ATS.

Section 5, Paragraph 5.1.3.1, is amended to read as follows:

5.1.3.1 Any changes in the procedures prescribed in 5.1.3 deemed essential by the manufacturer due to information not available to the manufacturer at the time of delivery shall be communicated in writing to the owner/operator and to the department."

Section 5, Paragraph 5.1.5, is amended to read as follows:

Upon notification from an owner/operator of an incident involving a critical component, the manufacturer of an ATS shall promptly evaluate this information and disseminate the findings to the original owner/operator along with any pertinent recommendations to all know owner/operators. The owner/operator shall provide the findings to the department.

SECTION 13. ADOPTION OF STANDARD FOR DESIGN AND MANUFACTURE.

That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F1159-94, "The Design and Manufacture of Amusement Rides and Devices", is hereby adopted with the following amendments:

Section 1 "Scope" is amended by the addition of a new section 1.3:

- 1.3 This standard may involve hazardous materials, operations and equipment. Where such substances or operations are involved, the requirements of Section 307 and other appropriate sections of the International Building Code and the International Fire Code shall apply.

Section 4 is amended, by the addition of Paragraph 4.1.3 and Paragraph 4.1.4 to read as follows:

4.1.3 Engineering analysis of primary structural, electrical and mechanical components.

4.1.4 Fatigue Analysis – ride and ride components shall be evaluated for fatigue.

A new Paragraph 4.4 is added to read as follows:

- 4.4 Engineering Review – When the ATS is not designed by a Kansas-registered engineer, a Kansas-registered engineer shall provide or ensure the necessary expertise to review subsystem design (i.e. civil, controls, mechanical, electrical, power, structural, etc.). The Kansas-registered engineer shall ensure subsystem integration compatibility and the overall system to verify that the design is in conformance with this chapter and other applicable standards. A report prepared by and stamped with the seal of the Kansas-registered engineer describing the review process shall be included with the submittal.

Section 4 is amended by the addition of Paragraph 4.5, to read as follows:

- 4.5 Other proof of adequacy of design such as testing, product listing or any other appropriate documentation may be required or accepted by the Building Code Official in lieu of engineering design or calculations.

A new Paragraph 6.2.1 is added to ASTM 1159-94 to read as follows:

- 6.2.1 A rider restraint system, individually adjustable to the girth of the rider, may be required by the Building Code Official, based on a review of the unique operating characteristics of each particular ATS.

A new Paragraph 7.7 is added to ASTM F1159-94 to read as follows:

7.7 Passenger Evacuation – The ATS shall provide an egress platform, stairway, walkway, elevator, scissors lift, ladder or other acceptable means to safely evacuate passengers from all positions during an unscheduled cessation.

A new Section 16 is added to ASTM F1159-94 to read as follows:

16 ATS Control System Review

16.1.1 The ATS control system shall be reviewed by an engineer registered in the state of Kansas or an agency acceptable to the department.

16.2 The analysis and conclusions of the review shall be provided to the department.

16.3 A testing program consisting of normal operation and worst case scenarios shall be developed to verify the ATS control system operates as designed. If the scenario has been designed by others, the design professional shall review the testing program.

A new Section 17 is added to ASTM F1159-94 and shall read as follows:

17 Unlisted or Uncertified Components – All unlisted or uncertified components shall be labeled using appropriate standards by a nationally recognized agency.

SECTION 14. ADOPTION OF STANDARD FOR MANUFACTURER QUALITY ASSURANCE PROGRAM. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F1193-88 “An Amusement Ride and Device Manufacturer Quality Assurance Program” is hereby adopted. It is the intent of the Building Code Official that ATS manufacturers shall maintain a quality assurance program that is satisfactorily equivalent to the Johnson County Codes’ section entitled “Approved Fabricator/manufacturer”. Documentation that the manufacturer meets this standard shall be furnished to the department at the time of Amusement or Transportation System Permit application.

SECTION 15. ADOPTION OF STANDARD FOR THE CLASSIFICATION OF AMUSEMENT RIDE AND DEVICE RELATED INJURIES AND ILLNESSES. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society for Testing and Materials (ASTM) Standard F1305-94, “The Classification of Amusement Ride and Device Related Injuries and Illnesses”, it hereby adopted with the following amendments: Section 1, Scope, is deleted in its entirety.

Section 2.1.4, is modified to add the following sentence:

Simple Fractures – A simple fracture of any bone shall be reported as a serious injury.

Section 4 is amended as follows:

4 Recording Requirements

- 4.1 Any written reports shall include all pertinent facts including:
1. date, time and location of incident;
 2. name, age, and address of victim(s);
 3. type of injury;
 4. hospital or other medical facilities where treated;
 5. a description of the accident;
 6. name and ATS Operation Certificate number of the ATS involved;
 7. name, address and telephone number of the owner/operator and the Qualified Individual; and,
 8. damage to equipment, and the owner/operator's expected actions to repair or take out of service.
- 4.2 It shall be the responsibility of the owner/operator to maintain all reports specified by this standard.

A new Section 7 shall be added and is to read as follows:

7 Johnson County Notification

- 7.1 Reporting Fatalities. The owner/operator shall close down the ATS and report any fatality occurring on an ATS within four (4) hours of the incident by telephone to the Building Code Official or his designee. The verbal report shall be followed by a written report to the director within two (2) days.
- 7.2 Reporting Serious Injuries. When a serious injury occurs, the owner/operator shall report the incident within four (4) hours by telephone to the Building Code Official or his designee. The verbal report shall be followed by a written report to the director within five (5) days.
- 7.3 Reporting Structural Damage. The owner/operator shall file a report to the Building Code Official or his designee within five (5) days of any structural damage to an ATS. The owner/operator shall report damage to major structural ATS components within four (4) hours by telephone to the Building Code Official or his designee.
- 7.4 Action upon Notification. Upon notification of a fatality, serious injury, or a structural damage report, the Building Code Official or his designee shall determine whether the ATS shall be sealed out-of-service by a Prohibited Use Notice until an investigation of the site and records can be performed. The owner/operator is responsible to fully inspect the ATS, make any corrective repairs, and test components and operation as specified in this chapter and the Operation and Maintenance Manual(s). The owner/operator has the burden to ensure that the ATS meets all requirements for a return to service prior to requesting department inspection. When an ATS is sealed out-of-service for these

reasons, the department shall perform an inspection within twenty-four (24) hours.

SECTION 16. ADOPTION OF STANDARD FOR AERIAL TRAMWAYS AND LIFTS, SURFACE LIFTS AND TOWS. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American National Standards Institute (ANSI) Standard B77-1-1990, “American National Standard for Passenger Tramways”, is hereby adopted.

SECTION 17. ADOPTION OF STANDARD FOR FIXED GUIDEWAY TRANSIT SYSTEMS. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the National Fire Protection Association, Inc., NFPA 130 “Standard for Fixed Guideway Transit Systems”, 1995 edition is hereby adopted.

SECTION 18. ADOPTION OF STANDARD FOR AUTOMATED PEOPLE MOVERS. That certain document, three copies of which are on file in the office of the county clerk, said copies being marked and designated as the American Society of Civil Engineers, ASCE 21-96, “Automated People Mover Standards – Part I”, is hereby adopted.

SECTION 19. AMUSEMENT OR TRANSPORTATION SYSTEM WITH INSUFFICIENT DATA OR BUILT TO OTHER STANDARDS. When information on an ATS is insufficient to meet the standards of this chapter, or the ATS was built to other standards, the owner/operator or his designated representative shall provide such information as the Building Code Official shall determine to be appropriate. Such information shall conform to the intent of the code and shall include engineering analysis and calculations, testing programs, and inspections of the ATS, as appropriate. When the owner/operator has one or more published standards under which the ATS was designed and built, then the owner/operator shall submit the standard(s) along with the design, calculations, testing and inspection data for review under the provisions of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition.

SECTION 20. PENALTIES. An owner/operator of an ATS who allows such system to be operated;

- a) without a valid Certificate of Operation;
- b) in violation of an Out-of-Service Seal or Prohibited Use Notice; or
- c) in violation of the safety requirements of this chapter; shall be deemed guilty of a Class I Infraction, and each such owner/operator shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation(s) of any of the provisions of this code are committed, continued, or permitted. Upon conviction of any such violation the owner/operator may be punished by a fine as stated in Article 20 of the Johnson County Code of Regulations for Buildings and Construction, 2012 Edition.

ARTICLE 18
(RESERVED)

SECTION 1. ADOPTION

SECTION 2. DEFINITIONS.

SECTION 3. DELETIONS.

SECTION 4. ADDITIONS.

SECTION 5. AMENDMENTS.

ARTICLE 19
ADMINISTRATION

SECTION 1. ADMINISTRATIVE RESPONSIBILITY: The County Manager shall have the primary responsibility for the administration and enforcement of this Code of Regulations for Buildings and Construction through the establishment of the Division of Building Codes, and the designation of the Building Code Official as the Johnson County Fire Marshal. The County Manager, pursuant to his authority, may delegate any of the administrative duties or responsibilities to any other county official as he may deem advisable and may implement with the Division of Building Codes and/or Fire Marshal any administrative procedures which are reasonably required for the effective administration of the Code and which are consistent with the provisions of the Code.

SECTION 2. ADMINISTRATIVE ACTIONS AND DECISIONS: It is the intent of this Code to establish the minimum requirements and standards for buildings and construction occurring within the unincorporated area of Johnson County in order to protect the public health and safety through the administration of uniformly adopted and accepted code provisions. All administrative actions and decisions, to the extent possible required or authorized under this Code shall be made solely in accordance with the specific standards enumerated in the separate articles and codes adopted and in accordance with interpretations made or rendered under the uniform codes. Whenever, in the course of administration of this Code, it is necessary or advisable to make an administrative decision or to take an administrative action for which specific standards are not provided, then the decision or action shall be made according to the purpose and intent of this Code as determined through the Board of Code Review.

SECTION 3. INTERPRETATION OF TERMS OR WORDS: All terms and words used in this Code and not specifically defined shall be interpreted and given meaning according to their common understanding and to provide reasonable application of the purpose and intent of the Regulations. Whenever the context requires, unless otherwise specifically defined, in the application of these Regulations, then the terms and phrases used shall be interpreted in the following manner:

- a) Words appearing in the singular number shall include the plural, and those appearing in the plural shall include the singular.
- b) Words used in the present tense shall include the past tense and future tense, and words used in the future tense shall include the present and past tense.
- c) Words appearing the masculine gender shall include the feminine and neuter genders.
- d) The term "person" does and shall include the terms "firm", "partnership", "corporation", "association", governmental body", and all other legal entities, as well as an individual.
- e) The word "shall" is mandatory, while the word "may" is permissive.

- f) The term "County" or the term "City" shall mean Johnson County, Kansas, and the term "Board" shall mean the Board of County Commissioners of Johnson County, Kansas.
- g) The phrases "these Regulations" and "this Code" shall refer to the Code of Regulations for Buildings and Construction.

SECTION 4. VESTED INTERESTS. Nothing contained in this Code shall be deemed or construed to grant any vested interest to any person beyond the express limited terms of any permit, and these Regulations are expressly declared to be subject to amendment, change or modification as may be deemed necessary for the public health, safety, or welfare. Further, neither this Code nor any specific provision, decision, or action taken under the Code shall be construed or deemed as a warranty or representation of Johnson County or its employees that any building or construction practice is acceptable or of a proper or workmanlike quality, and the provisions of this Code do not waive any immunity or defense of the County under the provisions of the Kansas Tort Claims Act nor assume any responsibility or liability for any building, construction or construction practice approved or accepted under this Code.

SECTION 5. COMPATIBILITY WITH OTHER REGULATIONS. Nothing contained in this Code shall be deemed to alter or to modify the application of the Johnson County Zoning and Subdivision Regulations to any particular use of land, and all permits issued pursuant to this Code shall be subject to all appropriate and compatible zoning regulations applicable to the land upon which the activity is to be conducted, including, but not limited to, the erection, location and use of the buildings and structures. Further, any land use or activity that is permitted, allowed, or authorized by any particular zoning classification or conditional use permit granted for a particular tract of land shall not be subject to nor affected by this Code. Moreover, nothing contained in this Code shall be deemed to alter or to modify any other provision of any Federal or State law or Regulation or any Code or Resolution of the County which may apply to any specific act or activity also regulated by this Code, and the Code shall, to the extent necessary, be interpreted and applied in conjunction with any other Code or Regulation or law which may also be applicable.

ARTICLE 20
ENFORCEMENT, VIOLATIONS AND PENALTIES

SECTION 1. PROHIBITED ACTS AND CONDUCT. From and after the effective date of this Code, no person shall erect or occupy any building or structure, nor install, repair, replace, or make any improvement to a structure or its mechanical, electrical, or plumbing parts or system, nor commit any act, conduct or licensed trade work or practice, which are or may be subject to any provision of this Code of Regulations for Buildings and Construction, in the unincorporated area of Johnson County, Kansas, except as permitted and in the manner provided by these Regulations and the Codes adopted as a part of the Regulations, and any act or conduct which fails to comply with the provisions of these Regulations and the Codes adopted as a part of the Regulations shall be and hereby is declared to be unlawful as a violation of the Johnson County Code of Regulations for Buildings and Construction, 2008 Edition.

SECTION 2. 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 County Codes and Regulations, shall be a public offense designated as a Class I Infraction under the Code of Regulations for Buildings and Construction.
- b) The failure by any person to comply with any condition or requirement of a permit issued under the provisions of the County Codes and Regulations shall be a public offense designated as a Class I Infraction under the Code of Regulations for Buildings and Construction.
- 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 2 of this Code; or of The International Residential Code, as adopted under Article 3 of this Code; or of the International Fuel Gas Code, as adopted under Article 4 of this Code; or of the International Plumbing Code, as adopted under Article 5 of this Code; or of the International Mechanical Code, as adopted under Article 6 of this Code; or of the International Existing Building Code, as adopted under Article 7 of this Code; or of the National Electrical Code, and the International Administrative Code Provisions for the National Electrical Code, as adopted under Article 8 of this Code, or of the International Property Maintenance Code, as adopted under Article 9 of this Code; or of the International Fire Code, as adopted under Article 10 of this code, or of the Blasting Regulations, as adopted under Article 15 of this code, or of the Amusement Parks, Rides, and Transportation, as adopted under Article 17 of this code, shall be a public offense designated as a Class I Infraction under the County Codes and Resolutions.
- 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 Johnson County, Kansas, and its standards and regulations, as adopted under Article 10 of this Code; and the failure of any person to comply with or to violate any provision of the International Fire Code of Johnson County, Kansas, and its standards and regulations, as adopted under Article 10 of this Code; or any order of the Fire Marshall or the designated Fire District Fire Chief related to the provisions of that Code, shall be a public offense designated as a Class I Infraction under the County Codes and Resolutions.

SECTION 3. PENALTIES AND FINES: Any person who violates any provision of this Code of Regulations for Buildings and Construction shall be punishable, upon conviction, by a fine in an amount determined according to the following schedule of offenses:

- a) Upon conviction of a Class F Infraction, an amount not less than Fifty-Dollars (\$50.00) nor more than One-Hundred Dollars (\$100.00) for each violation;
- b) Upon conviction of a Class G Infraction or a Class H Infraction, or a Class I Infraction, an amount not less than One-Hundred Dollars (\$100.00) nor more than Five-Hundred Dollars (\$500.00);
- c) Upon conviction of a Class J Infraction, an amount not less than Five-Hundred Dollars (\$500.00) nor more than One-Thousand Dollars (\$1,000.00);
- d) Multiple or repeated violations of any class of violation shall be deemed a violation of the next most serious violation class and subject to a higher fine amount, as provided under the County Codes and Resolutions. Each separate day that a violation exists or occurs shall be considered a separate violation, subject upon conviction to an additional and separate fine amount.