

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**

<b>TOTAL VALUATION</b>	<b>FEE</b>
\$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
<b>Other Inspections and Fees:</b>	
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<sup>a</sup> for Zone 4**

	All Other	Group R		All Other	Group R
	Roofs			Walls below grade	
Insulation <sup>f</sup> entirely above deck	R-20ci	R-20ci	Below-grade Wall <sup>d</sup>	R-7.5ci	R-7.5ci
Metal buildings (with R-5 thermal blocks) <sup>ab</sup>	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 <sup>d</sup>	R-15 for 24” below	R-15 for 24” below
Metal Buildings	R13 + R7.5ci	R-13+R7.5ci		Opaque Doors	
Wood Framed <sup>f</sup>	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-f<sub>2</sub> °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.