

BUILDING CODE BOARD OF APPEALS



July 21, 2025, at 2:30 PM

Prairie Star Room at City Hall
17101 W. 87th Street Parkway
Lenexa, KS 66219

CALL TO ORDER ROLL

CALL

APPROVE MINUTES – June 24, 2024, meeting draft minutes (located in the Appendix)

NEW BUSINESS

Introduction of new member: Ellen Foster, Finkle + Williams Architecture

1. Election of officers for 2024-2025
 - a. Election of the Board Chairperson
 - b. Election of the Board Vice Chairperson
2. Initial consideration of the 2024 International Code Council suite of Building and Safety Codes.

ADJOURN

APPENDIX

1. June 24, 2024, Building Code Board of Appeals meeting draft minutes
2. Table of significant changes and amendments.

*If you need accommodations for the meeting, please contact the City Clerk's Office at 913.477.7550.
Kansas Relay Service 800.766.3777. Please give 48 hours' notice.*



BUILDING CODE BOARD OF APPEALS

MEMORANDUM

ITEM 1

PROJECT TITLE: Election of officers for 2025-2026

CONTACT: Matt Souders, Building Codes Administrator

Date: July 21, 2025

PROJECT SUMMARY:

The Building Code Board of Appeals ("Board") bylaws require officers of the Board to be a Chairperson, Vice Chairperson, and Secretary. The Chairperson and Vice Chairperson shall be elected by the Board at a regular or special meeting annually or as soon thereafter as practicable. The terms of each office shall be one year or until successors have been elected. Both the Chairperson and Vice Chairperson may be reelected.

Pursuant to the bylaws, the Chairperson shall preside at all meetings of the Board. At their discretion, a Chairperson may call special meetings and may also relinquish the chair to the Vice Chairperson or other specific member. The Chairperson shall perform all of the duties assigned to their office by law and by the Governing Body and shall have such usual powers of supervision and management as pertain to the office of Chairperson. If the position of Chairperson becomes vacant for any reason, the Vice Chairperson shall succeed to the position of Chairperson for the remainder of the term.

STAFF RECOMMENDATION:

Elect a Chairperson and Vice Chairperson for 2025-2026.

ATTACHMENTS

None



BUILDING CODE BOARD OF APPEALS

MEMORANDUM

ITEM 2

PROJECT TITLE: Initial consideration of the 2024 International Code Council suite of Building and Safety Codes

CONTACT: Matt Souders, Building Codes Administrator
Andrew "Butch" Diekemper, Fire Assistant Chief
Steven Shrout, Assistant City Attorney

Date: July 21, 2025

PROJECT SUMMARY:

The building and safety codes are contained in Article 4-8 of the Lenexa City Code. Lenexa staff are preparing a package of updates to the codes to present to the Governing Body for consideration and adoption. Historically, the City has adopted standard building and safety codes for the purpose of better building construction and greater public safety through uniformity in building laws and code enforcement. The standard building and safety codes adopted by the City are a set of books published by the International Code Council (ICC). The International Codes® ("I-Codes"), are standards intended to provide a minimum level of safeguards, function, and sustainability for newly constructed or remodeled buildings. The I-Codes are used in most jurisdictions across the United States.

In 2018 and 2019, Lenexa and other jurisdictions in the Kansas City metro adopted the 2018 I-Codes with various local amendments. At the time, the cities of Kansas City, Missouri and Lenexa adopted the 2012 commercial energy code. To ensure the highest level of safety and the greatest degree of uniformity, it is necessary to periodically review the available model codes to ensure that the codes adopted sufficiently meet the needs of the City.

Since the release of the updated 2024 I-Codes, building and fire code officials from numerous jurisdictions within the Kansas City metropolitan area are participating in regional task forces to review the I-Codes to increase consistency among local codes and minimize amendments across the various jurisdictions. Once the review with code officials wraps up, the Johnson County building code officials are planning to host round table discussions with area development and building professionals to increase input from industry professionals.

The complete set of proposed standards includes the following books:

- 2024 International Building Code
- 2024 International Fire Code
- 2024 International Residential Code
- 2024 International Plumbing Code
- 2024 International Mechanical Code

- 2024 International Fuel Gas Code
- 2024 International Energy Conservation Code
- 2024 International Existing Building Code
- 2024 International Property Maintenance Code
- 2024 International Pool and Spa Code
- 2023 National Electrical Code (NEC)

The reason for updating the City's existing building codes is to help the City to remain current with managing social and industry trends, building technologies, and changes in the ways buildings are constructed.

At this time, staff is seeking preliminary review and discussion from the Board regarding the adoption of the 2024 ICC Codes. To facilitate this discussion, staff has compiled a table highlighting notable changes and proposed amendments (see attached). This table identifies provisions of the 2024 ICC Codes that industry professionals consider significant or are being considered for local amendment. It does not include previously adopted local amendments that are not proposed for removal or revision.

A key component of the adoption process will include presenting the code package to stakeholders and seeking comments and questions from all perspectives within the industry. After stakeholder feedback is received, staff will bring that feedback, and any modifications based on that feedback, to the Building Code Board of Appeals for a second meeting, at which time a recommendation to the Governing Body for adoption of the codes will be sought.

STAFF RECOMMENDATION:

Staff is seeking discussion and feedback regarding the proposed 2024 building and safety code updates.

ATTACHMENTS

Table of Notable Changes and Amendments.



**MINUTES OF THE
JUNE 24, 2024
LENEXA BUILDING CODE BOARD OF APPEALS MEETING
SANTA FE CONFERENCE ROOM, 17101 W 87th STREET PARKWAY
LENEXA, KS 66219**

CALL TO ORDER

Building Codes Administrator, Matt Souders, called the regular meeting of the Building Code Board of Appeals to order at 1:34 pm.

ROLL CALL

Board members Michael Jansen, Ron King, Craig Rogge and Glenn Shain (arriving at 1:53 pm) were present. Board member Chris Culp was absent.

Staff present included Matt Souders, Building Code Administrator; Scott McCullough, Community Development Director; Steven Shrout, Assistant City Attorney; Amy Barenklau, Licensing and Permit Supervisor; and Andrew 'Butch' Diekemper, Fire Division Chief (via phone).

MODIFICATION OF AGENDA

Mr. Shrout suggested moving the approval of the minutes to after election of the Chair and Vice Chair so an officer could run the meeting. There were no objections.

ELECTION OF OFFICERS FOR 2024-2025

Mr. Souders reported that according to Board By-Laws a Chair and Vice-Chair are to be elected yearly. He asked if there were any nominations from the group, and indicated if there were not that Board member Culp had said he would serve as Chair again.

Election of the Board Chairperson

Mr. Souders entertained a motion for nomination of Board member Culp for Chairman. Moved by Board member Rogge, seconded by Board member King, and carried by a unanimous voice vote.

Election of the Board Vice Chairperson

Mr. Souders entertained a motion for the nomination of Board member Rogge for Vice-Chairman. Moved by Board member Jansen, seconded by Board member King, and carried by unanimous voice vote.

Meeting turned over to Vice-Chairman Rogge.

APPROVE MINUTES

Board member Jansen made a motion to approve the May 16, 2023, Building Code Board of Appeals meeting draft minutes and Board member King seconded the motion. Motion passed unanimously.

NEW BUSINESS

1. **Introduction to the upcoming staff proposal to update the Building and Safety Codes to the 2024 ICC Codes**

Introduction to the upcoming staff proposal to update the Building and Safety Codes to the 2024 International Code Council (ICC) Codes.

Mr. Souders presented a summary of the project to update the current adopted codes. He stated that the code officials from jurisdictions within Johnson County are participating in a regional task force to review the 2024 I-Codes to increase consistency among local codes and minimize amendments across jurisdictions. Lenexa building and fire code officials are also coordinating with several jurisdictions on the Missouri side of the metro. Once these reviews wrap up, there will be an opportunity for round table discussions with area development and building professionals to increase input from industry professionals. He noted that the Energy Codes have not been published to date.

In addition to the I-Codes, staff has been reviewing and preparing updates to the Subsurface Space Building Code. Staff is seeking discussion and feedback regarding the proposed code updates.

Board members' discussion centered on the Energy Codes and how they might impact development costs. There was discussion about potential controversial items with cost being a big consideration for the industry.

Matt Souders and Scott McCullough explained that the 2024 Energy Code has been delayed due to appeals at the ICC level and the main issue seems to be whether the code should more fully address green house gas emissions or just energy performance of the building. One version of the code was heavy on electrification and the approved code moves many of the greenhouse gas reduction elements to appendices.

Member Jansen talked about upcoming technology in electricity and how it could impact the overall codes. Member Shain indicated that there are hydrogen developments on the horizon as well that could impact future codes.

Members inquired what Energy Code version city staff is considering and Mr. Souders indicated that 2024 would align with surrounding jurisdictions, but without seeing the changes and amendments to the code he was open to suggestions. He indicated that residential development will probably see the most changes in the energy requirements.

Matt Souders advised that once the Energy Code is published, Staff will determine a more formal plan to process the amendments, which will include a review by the Building Code Board of

Appeals.

Members asked staff to keep them apprised of the process and any items of concern.

ADJOURN

Board member Jansen made a motion to adjourn and Vice-Chair Rogge seconded the motion. Motion passed unanimously.

The meeting adjourned at 2:14 pm.

Amy Barenklau
Recording Secretary

2024 I-CODES ADOPTION TABLE OF NOTABLE CHANGES AND AMENDMENTS

<u>4-8-A International Building Code</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
Adopted appendices	<p>Proposed adoption:</p> <ul style="list-style-type: none"> • C-Agricultural Buildings; • E-Supplementary Accessibility Req.; • H-Signs (portions relating to structure and elec.); and • P-Sleeping Lofts. 	The priorities of various jurisdictions differ, leading to distinct approaches in their adopted regulations, including appendices. Lenexa has adopted Appendix C, E and P for years. Staff recommends adding Appendix H to address the structural and electrical aspects for signs.	Adopt noted appendices
104.10 Approved Methods of Compliance (for group homes)	Amend the 2024 ICC Code addressing group homes to reference State licensing requirements	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly
114.5 Enforcement Process for Code Violations.	Amend the current code to authorize the City to deny permits based on outstanding code violations on other properties. The proposed amendment will codify the handling of violations similar to the City's enforcement process for Community Standards violations.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly
307.1 High Hazard Group H	The 2024 ICC Code adds exemptions to hazardous classifications of individually packaged products, such as household products and retail items.	The Code Officials Committee agree with the update.	Adopt ICC code as written.

4-8-A International Building Code			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
420.11 Group R-1 and R-2 hotel and motel cooking facilities.	Hotels often include cooktops in guest rooms. The current code requires timers on the cooktops, however, the proposed amendment will further allow the installation of smart burners or powder fire extinguishers.	This is a Lenexa specific amendment.	Amend accordingly
602.4 Mass timber	The 2024 ICC Code adds new sub-sections for Type IV construction to address mass timber construction. The code will now allow up to 18 stories where previously it was limited to 6 stories.	The Code Officials Committee agree with the update.	Adopt ICC code as written.
Chapter 9: Fire safety systems	Except for Section 909.20, all of Chapter 9 in the IBC is duplicated in the IFC. The proposed amendment would eliminate the duplicated language by replacing the entire Chapter 9 from the IBC with a reference to Chapter 9 in the IFC. Additionally, the language in Section 909.20 will be retained in the local amendment to the IBC. A new section in the IFC will be added to cross-reference the amended Chapter 9 in the IBC to ensure the City's authority to enforce is not impacted.	This is a Lenexa specific amendment. The concern with the duplicative language is the possibility for inadvertent discrepancies between the IFC and the IBC's Chapter 9 as the City has a number of local amendments that otherwise need to be made in both locations to ensure the codes remain identical. Replacing the IBC Chapter 9 and referencing the IFC Chapter 9 should resolve this concern; provided, however, the amendment does not negatively impact the City's authority to enforce.	Amend accordingly

4-8-A International Building Code			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
1110.4 Adult changing stations	<p>The 2024 ICC Code requires adult changing stations as follows:</p> <ul style="list-style-type: none"> • Auditoriums; Restaurants (+-) 6500 ft²; • Offices (+-) 30,000 ft² [i.e.. multi story offices]; • Schools (+-) 6000 ft²; • Very large retail such as Ikea or Menards (but not typical grocery stores). 	The Code Officials Committee agree with the update.	Adopt ICC code as written.
1705.5.5.4 Special Inspection (wood framing)	The 2024 ICC Code as written requires a special inspection on high-load wood diaphragms. Proposed amendment will require a special inspection of the entire structure for wood framed buildings taller than 3 stories. This amendment will codify current practice.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly.
1705.17 Special Inspection (Weather Resistive Barrier (WRB and flashings)	The 2024 ICC Code as written requires special inspections on Exterior Insulation and Finish Systems (EIFS) and spray applied WRB. The proposed amendment will require a special inspection on all components of the weather envelope including flashings and material transitions. This amendment will codify current practice.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly

<u>4-8-A International Building Code</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
Chapter 30: Elevators	Elevator installations and maintenance are now governed by the Office of the State Fire Marshal (OSFM). Staff is proposing to retain Chapter 30 to ensure the City maintains enforcement authority for items the OSFM does not enforce, such as fire ratings, mechanical/plumbing system separations from machine rooms and shaft penetrations per the 2024 ICC Code.	Item not discussed with the Code Officials Committee.	Adopt code as written.

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
IFC Adopted appendices	<p>Proposed Adoption:</p> <ul style="list-style-type: none"> • B - Fire Flow Requirements for Buildings; • C - Fire Hydrant Location and Distribution; • D - Fire Apparatus Access Roads; • E - Hazardous Categories; • F - Hazard Ranking; • G - Cryogenic Fluids – Weight and Volume Equivalents; • H - Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions; • I - Fire Protection Systems – Noncompliant Conditions; and • O - Valet Trash and Recycling Collection in Group R-2 Occupancies 	The Heart of America (HOA) Fire Marshals Group discussed and recommended adoption of the proposed appendices of the 2024 IFC.	Adopt noted appendices
105.5.34 Changes to operational permits	Amendment to add a requirement for mobile food preparation vehicles to obtain an operation permit and display the HOA inspection sticker on the mobile food preparation vehicle.	This amendment was created and is recommended by the HOA fire marshals	Amend accordingly
105.5.58 Electric Vehicle Charging Stations.	Amendment to add a requirement for an operational permit to operate a level 2 and/or level 3 electric vehicle charging station.	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly.

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
105.6.26 Electric Vehicle Charging Stations.	Amendment to add a requirement for a construction permit to build a level 2 or level 3 electric vehicle charging station.	This amendment was created and is recommended by the HOA Fire Marshals	Amend accordingly.
323.1 General. All Electric Vehicle Charging Stations (EVCS)	The 2024 IFC does not address EVCS. The proposed amendment inserts a new section into the IFC to provide regulations on the installation of EVCS in parking garages and surface parking.	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly.
503.6 Security gates	Amendment to add a requirement for a secondary means of security gate operation if the primary means fails	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly.
503.2.3 Surface	Amends the 2024 IFC to prohibit the use of grass paver type technologies for fire apparatus access roads.	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
IFC 901.4.3 / IBC 901.7 Fire Areas (Fire wall as alternative to sprinkler).	Current Code prohibits fire walls as an acceptable alternative method to required fire sprinklers. Proposed amendment retains the current code but provides an exemption for buildings located within the HBD zoning district where installation of a fire sprinkler system throughout an entire building with multiple, separate owners is impractical or economically prohibitive, provided, however, those buildings have reasonably adequate mitigating measures to protect property and life safety.	The non-allowance of fire walls to separate sprinklered areas within a building is a Lenexa specific amendment that has been in place for decades. Recently, staff have acknowledged that this particular fire code requirement is impractical or economically prohibitive for certain buildings in Lenexa's HBD zoning districts (presently concentrated in the Old Town shops) and that the requirement may actually prevent the sprinklering of tenant spaces within a building due to the challenge of sprinklering spaces owned by others. The amendment would be unique to Lenexa.	Amend accordingly.
903.2.10 Group S-2 Parking Garages	Under the current code, an automatic fire sprinkler system is mandated for enclosed parking garages exceeding 12,000 ft ² or those situated beneath other occupancy groups. The 2024 ICC Code has broadened this mandate to include open parking garages larger than 48,000 square feet. The proposed amendment adds the broadened mandate but lowers the size threshold to 20,000 ft ² .	Lenexa specific amendment.	Amend accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
903.2.13 Occupancies more than 12,000 square feet or more than one story. -	The proposed amendment mandates fire sprinkler protection for buildings exceeding 12,000 square feet and clarifies that buildings with more than one story also require fire sprinkler systems.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly
903.3.1.1.4 Sprinkler Protection For Canopies	The proposed amendment would modify the current code language to clarify the requirement for sprinkler protection under canopies. Specifically, the amendment would require all marked exit canopies extending more than 4 feet, as well as attached canopies with vehicle access beneath, to have sprinkler protection.	This is a Lenexa Specific amendment	Amend Accordingly
903.3.1.2.1 Balconies and Decks	The proposed amendment adds open corridors, stairways, and ramps to the requirement for sprinkler protection in buildings where NFPA-13R systems allowed.	This is a Lenexa specific amendment	Amend accordingly
903.3.1.2.3 Attics	The proposed amendment adds a new exception to allow void spaces to be filled with noncombustible insulation in buildings where NFPA-13R systems are installed	This is a Lenexa specific amendment	Amend accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
903.4.3 Floor control valves	The current code requires floor control valves to be added to buildings with 3 or more stories. The 2024 ICC Code is less restrictive and requires the installation of floor control valves for buildings with 4 or more stories. The proposed amendment is to revert the requirement back to the 2024 ICC Code as written	This is a Lenexa specific amendment.	Amend accordingly
905.3.8 Open Parking Garages	The proposed amendment adds a requirement for standpipes to be installed in new open parking garages.	This amendment was created and is recommended by the HOA fire marshals.	Amend Accordingly
907.2.7.1.1. Occupant Notification	The 2024 ICC Code allows the alarm monitoring company or the employees of a verify an alarm prior to calling the fire department when a manual fire alarm box or waterflow switch to triggered. As a result, Alarm notification to occupants is delayed. The proposed amendment will delete this alternative compliance method..	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly
1103.5.1 Existing Building A-2	The current code allows any existing building type A-2 additional time to comply with the fire sprinkler requirements. The proposed amendment extends the additional time to comply to December 2030.	This is a Lenexa specific amendment.	Amend Accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
1108.1 Electric Vehicle Charging Stations	Requires any existing level 2 or 3 charging stations to comply with Section 323 as amended regarding operational and construction requirements.	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly
1023.9.1 Signage requirements	The current code as amended requires standard marking of stairways in buildings over three stories. The proposed amendment is to delete the former amendment and apply the signage requirements as provided in the 2024 ICC Codes.	The Johnson County Operations Chiefs originally created and recommended the currently adopted amendment as a county-wide initiative. However, in discussions about retaining the amendment for 2024, they decided to repeal it and adopt the 2024 ICC Code as written. The 2024 ICC Code includes six signage requirements that are very similar to the former amendment adopted in 2018.	Adopt 2024 ICC code as written.
4104.2 Open flame cooking devices	The current code restricts the storage and use of charcoal burners and other “open flame cooking devices” on combustible balconies or within 10 feet of combustible construction, except for devices associated with one- and two-family dwellings and townhomes, or where the buildings, balconies, and decks are sprinkler protected. The proposed amendment clarifies “open flame cooking devices” includes, but is not limited to, pellet grills, pellet smokers, and wood burning smokers.	This is a Lenexa specific amendment to clarify the definition of “open flame cooking devices.” Other nearby jurisdictions are also considering adopting this amendment.	Amend accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
4106.4.1 Exhaust and Hood System Cleaning for Mobile Food Preparation Vehicles	The 2024 ICC Code requires the exhaust and hood system of a mobile food preparation vehicle to be cleaned by a professional. The proposed amendment would permit the food truck owner to clean the food truck hood system.	This amendment was created and is recommended by the HOA fire marshals.	Amend Accordingly
4106.6 Electrical Equipment, Wiring and Hazards in Mobile Food Preparation Vehicles	The proposed amendment adds a requirement for mobile food trucks to ... of electrical components in food preparation vehicles.	This amendment was created by and is recommended by the HOA fire marshals.	Amend accordingly
B104.2 Area Separation	Due to the Fire wall amendment this section is amended to Area Separation portions of buildings that are separated by fire walls, fire barriers, party walls, and horizontal assemblies shall not be allowed to be considered as separate fire-flow calculations.	Lenexa Specific Amendment	Amend accordingly
B105.2 Fireflow Table	B105.2 Code allows 75% reduction of fire flow requirements for sprinkler protected buildings. Amended to allow 50%	This is a Lenexa specific amendment, but this year was also a recommendation by the HOA fire marshals.	Amend Accordingly

<u>4-8-B FIRE CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
C103.4 Hydrant spacing for Fire Department Connections	C103.4 Restating requirement from 507.5.1.1, hydrant required within 100' of all FDC's.	This amendment was created and is recommended by the HOA fire marshals.	Amend Accordingly
D102.1. Access and Loading.	Current Code requires the use of asphalt or concrete within 50 feet of a building for fire lane access areas. The proposed amendment adds a prohibition on the use of grass paver systems for fire apparatus access roads.	The HOA Fire Marshals have recommended Including grass paver systems.	Amend Accordingly

4-8-C Residential Building General			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
Adopted appendices	<p>Proposed adoption:</p> <ul style="list-style-type: none"> • BB - Tiny Houses; • BF - Patio Covers; • BG - Sound Transmission; • CD - Piping standards; and • CF - Sizing of Water Piping System. 	<p>The priorities of various jurisdictions differ, leading to distinct approaches in their adopted regulations, including appendices. Various jurisdictions differ as each has its own priorities. The current code adopts the listed appendices and the update to the 2024 ICC Code will adopt the same.</p> <p>The IRC contains additional appendices addressing alternative means of construction and additional energy conservation provisions. To date, code officials have not received specific input to consider for including these appendices with the current code updates and so Lenexa is not planning on adopting those appendices.</p>	<p>Adopt noted appendices; This is no change from the current adoption.</p>
301.1.4 Provisions for Shipping Containers	<p>The 2024 ICC Code now includes provisions regulating the use of shipping containers for house structures.</p>	<p>The Code Officials Committee agrees with the update and is in support of the 2024 ICC Code as written.</p>	<p>Adopt ICC code as written.</p>

4-8-C Residential Building General			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
R304 & 305 Field Treatment.	2024 ICC Code, like past codes require field treatment of cuts on treated wood.	KCHBA has requested an amendment to remove the requirement, citing that it is rarely followed. However, the Code Officials Committee does not support this requested amendment and are in support of the 2024 ICC Code as written.	Adopt ICC code as written; This is no change from the current adoption.
310.8 Heat Detectors	A new amendment to add a requirement for heat detectors to be installed in attached garages and which must be interconnected with the smoke alarms in the residence.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly
R314.8 Heat Detection in garages	A new amendment to add a requirement for a rate of rise heat detector to be installed in garages which must be interconnected to the smoke alarms in the residence.	This amendment was created and is recommended by the HOA fire marshals to allow for earlier detection of garage fires in a residential dwelling.	Amend Accordingly
R318.3.2 Floor elevations at other exterior doors (besides the front door)	2024 ICC Code, like past codes, requires exterior doors to have a landing where there are 2 or more risers from the door threshold to the ground level.	KCHBA requests an amendment to change this to 3 risers. The Code Officials Committee is not in support of the amendment due to the national code development process having covered this topic in past codes – it is not a change from current code.	Adopt ICC code as written. This is not a change from the current adoption.
R322 Live/Work Unit ADA	2024 ICC Code now requires the residential portion of live/work units to be accessible where located in townhomes containing 4 or more units.	The Code Officials Committee agrees with the update and is in support of the 2024 ICC Code as written.	Adopt ICC as written

<u>4-8-C Residential Building General</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
R325.3 Whole House Ventilation	The current code requires whole house mechanical ventilation only when blower door tests indicate infiltration levels below 3 Air Changes Per Hour (ACH), rather than the 5 ACH. The proposed change is to delete the existing amendment and adopt the 2024 ICC Code as written.	The requirement aligns with the IRC's standards as written, aiming to provide consistent and improved ventilation across all new homes. The Code Officials Committee is in support of the 2024 ICC Code as written by requiring mechanical ventilation for all new homes.	Adopt ICC code as written.
R322 Live/Work Unit ADA	2024 ICC Code now requires the residential portion of live/work units to be accessible where located in townhomes containing 4 or more units.	The Code Officials Committee agrees with the update and is in support of the 2024 ICC Code as written.	Adopt ICC code as written.
R326 Habitable Attics	The 2024 ICC Code now requires fire sprinklers for 3rd story habitable attics. The proposed amendment will delete this requirement as the City is preempted by state law from adopting or enforcing such a requirement.	The Code Officials Committee is in support of the proposed amendment.	Amend accordingly.
R403 Footing & Foundations - - Tables.	The proposed amendment is to codify the long-standing practice of accepting the Johnson County Foundation Standard as an alternative method of compliance to the footing and foundation tables in the 2024 ICC Code. Specifically, the JoCo Foundation Standard requires added re-bar and wall offsets to address expansive soils found in Johnson County.	KCHBA supports the amendment because the 2024 ICC Code as written is too confusing. Code officials agree with and recommend the amendment.	Amend accordingly

<u>4-8-C Residential Building General</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
R507.1 Exterior Decks	The proposed amendment is to codify current practice of allowing compliance with the JoCo code official's deck guide as an alternative method of compliance to the provisions of the 2024 ICC Code..	This amendment was created and is recommended by the HOA fire marshals.	Amend accordingly.

<u>4-8-C Residential Energy Efficiency (a comparison table is located at the end of this document)</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
R104.2.2. Alternate materials and methods (energy code compliance)	Continuing with a proposed amendment to specifically consider accepting above-code programs such as Energy Star, LEED, Passive House, or other programs that are more vigorous in energy savings than the 2024 ICC Code as written.	In previous code updates the KCHBA asked code officials to include provisions to accept above-code such programs. The Code Officials Committee agree - not a change from current codes.	Amend accordingly
Table R301.2 Climatic and Geographic Design Criteria	2024 ICC Code as written mandates the Authority Having Jurisdiction to specify manual J, D, and S design criteria. Previously most jurisdictions did not require manual D which can create issues with humidity in new homes.	The Code Officials Committee agree to remove the current amendment and adopt the 2024 code as written to require manual D in addition to J, and S.	Adopt ICC code as written.

4-8-C Residential Energy Efficiency (a comparison table is located at the end of this document)			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
N1101.13.4 Compliance. (Home Energy Rater System (HERS) option)	The 2024 ICC Code as written requires an ERI (HERS) rating score of 53. Currently Lenexa, and most other JOCO jurisdictions accept a HERS score of 80. Most homes, however, currently score 65 to 70. The proposed amendment will require a HERS rating of 65. This requirement may end up lower based on continuing discussions with neighboring jurisdictions and stakeholders.	The Code Officials Committee agree with updating the requirement to lower the HERS Rating.	Amend accordingly
N1102.1.2 (Table) Change Required Window U-Factor from .30 to .32	2024 ICC Code increases the insulation value of windows by 6-1/2%.	Code Officials Committee agree.	Adopt ICC code update as written.
N1102.5.1.2 to N1102.5.1.3 (Blower Door Testing)	2024 ICC Code requires all new homes to have blower door testing done to determine how much mechanical ventilation is necessary.	Code Officials Committee agree.	Adopt ICC code as written.
N1103.3.5 - N1103.3.7 Ducts. Prohibits wall and floor cavities from being used for ducts.	2024 ICC Code as written prohibits wall and floor cavities from being used for as return air ducts. Proposed amendment to allow floor and wall cavities for plenums.	With this proposed update cycle, the Code Officials Committee has not received a formal summary of energy code concerns from the KCHBA. This item is To Be Determined (TBD)	TBD.

4-8-C Residential Energy Efficiency (a comparison table is located at the end of this document)			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
N1103.3.7 Duct Testing	2024 ICC Code as written requires testing for all heating and cooling duct systems with minor exceptions. A proposed amendment to leave the requirement to the discretion of code official.	In previous code updates the KCHBA asked code officials to exempt testing of ductwork that is located within the building thermal envelope. With this proposed update cycle, the Code Officials Committee has not received a formal summary of energy code concerns from the KCHBA. This item is To Be Determined (TBD)	TBD
N1103.5.1.1 Hot Water Circulation System	2024 ICC Code as written requires hot water circulation system pumps, but prohibits such circulation systems from being powered by gravity or thermosyphon.	There has been preliminary discussion with industry to address this with an amendment. The Code Officials Committee has not received a formal summary of energy code concerns from the KCHBA. This item is To Be Determined (TBD)	TBD
N1103.6.2 Fan efficacy for whole house ventilation systems	2024 ICC Code as written allows for bathroom exhaust fans to serve as the method to address interior ventilation air. Amendment is to prohibit this method due to reliability concerns.	There has been preliminary discussion with industry to address this with an amendment. The Code Officials Committee has not received a detailed summary of energy code concerns from the KCHBA. This item is To Be Determined (TBD)	TBD

<u>4-8-C Residential Energy Efficiency (a comparison table is located at the end of this document)</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
N1111 Energy Compliance for remodels, additions, and alterations. remodels	2024 ICC Code as written could often require engineering calculations or an energy rater for small projects. Proposing an amendment to assure that would not happen for remodels, additions, and alterations to existing homes.	Code Officials Committee not in support of this ICC code.	Amend accordingly

<u>4-8-C Residential Code Mech., Elec., Plumbing</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
G2427.5.5.1 Chimney Lining	2024 ICC Code requires existing chimneys to be lined to be used for appliance replacements.	Code Officials Committee agree	Adopt ICC code update as written.

4-8-C Residential Code Mech., Elec., Plumbing

Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
E3601.8 Emergency Disconnects	2024 ICC Code requires emergency disconnects for utilities to be installed on the exterior.	KCHBA requested an amendment to remove the emergency disconnect requirement because Evergy can disconnect power at utility transformers. Fire marshal's HOA does not support because it takes Evergy additional time after the fire department has already arrived to disconnect the power. Code Officials Committee agree with the update and HOA fire marshals.	Adopt ICC code update as written.
E3606.5 Surge Protection	2024 ICC Code requires all elec. services supplying houses to be protected by a surge protection device.	KCHBA requested amendment to remove this requirement due to no known problems related to power surges. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code update as written.
E3901.4.2 Island and peninsular countertops and work surfaces (mounting location)	2024 ICC Code no longer requires outlets at the sides of kitchen peninsular and island cabinets. If an outlet is not provided, then wiring for a future "pop up" outlet is required. Proposed amendment is to stay with the current practice of requiring outlets for countertop use at either the sides of such cabinets or with "pop up" outlets.	KCHBA is requesting this amendment because if people want such outlets, then per code as written the outlets shall be "pop up" outlets which are inaccessible to persons in wheelchairs. This is a Lenexa Specific Amendment.	Amend accordingly. This is no change from the current adoption.

4-8-C Residential Code Mech., Elec., Plumbing

Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
E3901.4.3 Receptacle outlet locations	2024 ICC Code now clarifies outlets rendered not available by permanent or portable appliances cannot be counted as countertop convenience outlets. Proposed amendment is to stay with the current practice of not addressing portable appliance locations for countertop use and stay with the current practice of requiring outlets for countertop use at either the sides of cabinets or with “pop up” outlets.	KCHBA requests amendment to continue to allow such outlets to count towards the number of required countertop convenience outlets. Additionally, the KCHBA’s request to continue to allow island and peninsula cabinet outlets on the sides of cabinets should remain to count towards the number of required countertop outlets. This is a Lenexa Specific Amendment.	Amend accordingly. This is no change from the current adoption.
E3902.1 Bathroom Receptacles (GFCI)	2024 ICC Code, like past codes require all outlets in restrooms to be GFCI protected.	KCHBA requests amendment to limit the requirement to only outlets within 6’-0 from water sources. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written Not a change from current code.
E3902.2 Garage and accessory building receptacles (GFCI)	2024 ICC Code, as in previous editions of the ICC codes, requires all outlets in garages and within 6’ of grade outside to be GFCI protected.	KCHBA requests amendment to exempt garage door openers, fire/security alarms, irrigation systems, and ref/freezers. Code Officials Committee agree with various items. The increased level of risk for not having GFCI protection in these locations does not offset the downside of increased potential for nuisance tripping.	Retain existing local amendment to exempt dedicated outlets for sump pumps, garage door openers, fire/security alarms, and ref/freezers in unfinished areas.

4-8-C Residential Code Mech., Elec., Plumbing

Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
E3902.5 Basement Receptacles (GFCI)	2024 ICC Code, as in previous editions of the ICC codes, requires all outlets in basements to be GFCI protected.	KCHBA requests amendment to exempt garage door openers, fire/security alarms, irrigation systems, and ref/freezers. Code Officials Committee agree with some items. The increased level of risk of not having GFCI protection in these locations does not offset the downside potential from nuisance tripping.	Retain existing local amendment to exempt dedicated outlets for sump pumps, garage door openers, fire/security alarms, and ref/freezer in unfinished areas.
E3902.6 Kitchen Receptacles (GFCI)	2024 ICC Code, as in previous editions of the ICC codes, require all convenience outlets in kitchens to be GFCI protected.	KCHBA requests amendment to exempt appliances. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written - not a change from current code.
E3902.11 Indoor wet and damp locations (GFCI)	2024 ICC Code, as in previous editions of the ICC codes, require all outlets in damp and wet locations including garage door openers to be GFCI protected.	KCHBA requested an amendment to continue to exempt garage door openers. Code Officials Committee agree with this request. The increased level of risk for not having GFCI protection in this location does not offset the downside of increased potential for nuisance tripping. .	Retain existing local amendment to exempt garage door openers - not a change from current code.

4-8-C Residential Code Mech., Elec., Plumbing

Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
3902.12 Specific appliance outlets (GFCI)	2024 ICC Code, as in previous editions of the ICC codes, require all outlets in kitchens to be GFCI protected.	KCHBA requests amendment to exempt certain appliances. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written - not a change from current code..
E3902.21 Arc Fault Circuit Interrupter Protection needed almost all areas	2024 ICC Code, as in previous editions of the ICC codes, requires all outlets in living spaces to have AFCI protection.	KCHBA requests amendment to limit the requirement to bedrooms due to false tripping. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written – not a change from current code.
E3902.21.3.2 Maximum length of circuit before starting AFCI protection	2024 ICC Code limits the maximum length of a circuit to 50 feet before hitting an AFCI protection device.	KCHBA requests amendment to remove this requirement. Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written – not a change from current code.

<u>4-8-C Residential Code Mech., Elec., Plumbing</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
E3905.6.3 Weight supporting ceiling receptacles (WSCR) and weight supporting attachment fitting (WSAF)	2024 ICC Code requires mounting devices for ceiling fixtures to be listed to accommodate the weight of fixtures.	KCHBA requests amendment to not require this at the perimeter of rooms due to lightweight LED being used in those areas. Heavier fixtures are used more toward the center of rooms. Code . Code Officials Committee do not agree with the requested amendment as this is an electrical safety item already considered nationally by the National Fire Protection Agency.	Adopt ICC code as written

4-8-D Property Maintenance Updates to the property maintenance code are still under review and not included in the table at this time.

4-8-E COMMERCIAL ENERGY (a comparison table highlighting changes from 2012-2024 is included at the end of this document)			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
Adopted appendices	No appendices proposed for adoption.	The IECC contains additional appendices addressing alternative means of construction and additional energy conservation provisions. To date, code officials have not received specific input to consider for including these appendices with the current code updates and so Lenexa is not planning on adopting these appendices.	Appendices not considered for adoption. This is no change from the current adoption.
C401.3 Energy Certificate	2024 ICC Code now requires the thermal envelope to be certified by approved party and the certificate to be placed near HVAC equip.	The Code Officials Committee agree with the update.	Adopt ICC code as written.
Chapter 5	2024 ICC Code added a new chapter specifically focused on energy code requirements for existing buildings.	The Code Officials Committee agree with this code update.	Adopt ICC code as written.
C402.7 Thermal bridges in above grade walls	Addressing R-value at transitions between building materials and penetrations	Adopt ICC code as written. Code officials agree.	Adopt ICC code as written.
General HVAC	Generally the ICC codes follow federal regulations. According AI, equipment is 15% - 30% more efficient from 2012 to 2024.		Adopt ICC code as written.

4-8-E COMMERCIAL ENERGY (a comparison table highlighting changes from 2012-2024 is included at the end of this document)			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
	The 2024 IECC increases focus to mitigate thermal bridging by updating continuous insulation (CI) on above-grade walls, purlins, beams, etc. This reduces thermal loss through components that are more conductive than the surrounding insulation and creating paths of least resistance for heat flow.		Adopt ICC code as written.

4-8-F PLUMBING CODE			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
403.1.2 Unisex Restrooms allowed for mercantile up to 6000FT2	Current code requires 2 ADA compliant restrooms for mercantile of 1500 ft ² , one for men and the other for women. The 2024 ICC Code now requires 2 unisex restrooms with only 1 needing to be ADA compliant.	Code Official Committee agree.	Adopt ICC code as written.
403.2 Multiple User Non-Separated Toilet Facilities	2024 ICC Code as written now allows all-inclusive restrooms provided stalls “enclose” water closet compartments and male urinal areas are visually separated from other areas (e.g. the restrooms at KCI). Proposed amendment is to require partition walls to extend to the floor and ceilings and partition doors extend to within 3” of the floor and ceiling.	Code officials have unanimous concern for the code not prescribing how far partitions need to extend to be considered an enclosure. This is a Lenexa specific amendment but is similar to the proposed amendments of some neighboring jurisdictions.	Amend accordingly

<u>4-8-F PLUMBING CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
410.4 Substitutions: Drinking Fountains and service sinks.	2024 ICC Code as written allows bottled water or water dispensers as substitute for 50% of the required drinking fountains for restaurants and large occupancies. The proposed amendment will allow bottled water as an alternate to installing drinking fountains in smaller occupancies such as mercantile and offices less than 2500 ft ² and warehouses less than 7500 ft ² .	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly

<u>4-8-G FUEL GAS</u>			
	No amendments to the 2024 ICC code proposed.	Code Officials Committee agree.	Adopt ICC code as written.

<u>4-8-H HISTORICAL STRUCTURES</u>			
	No changes proposed to this current Lenexa code	Code Officials Committee agree.	Adopt ICC code as written.

<u>4-8-I ELECTRICAL CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
625.4.3 EV Charger Disconnects	Amendment to require electrical disconnects to be installed at a location between 20ft and 100ft away as measured from the perimeter of the charging station parking area to assist with fire-fighting operations.	This is a Lenexa specific amendment but is similar to some neighboring jurisdictions.	Amend accordingly

<u>4-8-J MECHANICAL CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
502.14 Motor vehicle operation	The 2024 ICC Code as written does not address limited storage of vehicles inside warehouses. This proposed amendment is to modify an existing Lenexa amendment which allows more than 4 vehicles to be stored in warehouses without requiring exhaust fans controlled by CO/nitrogen dioxide sensors if a source capture system is provided that can connect to vehicle exhaust pipes. The revised amendment eliminates the exception and requires exhaust fans where 4 or more vehicles are stored in warehouses.	Lenexa specific amendment	Amend accordingly

<u>4-8-J MECHANICAL CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
1101.7 Changing Refrigerant	2024 code provides that changing refrigerants in existing buildings could result in requirements for ventilated and fire rated shafts to be added for routing refrigerants.	Code Officials Committee agree.	Adopt ICC code as written.
1109 Refrigerant enclosures	2024 ICC Code mandates that piping for some of the newer refrigerants be installed in ventilated and/or fire rated shafts.	Code Officials Committee agree.	Adopt ICC code as written.

<u>4-8-K EXISTING BUILDING CODE (IEBC)</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
303.1 Storm Protection Area	The 2024 ICC Code, as written, only mandates storm protection for emergency operations facilities and schools. This proposed amendment will align the IEBC with the current Lenexa amendment for new construction, which also requires storm protection areas in Group R and I occupancies. This amendment would extend the requirement to such occupancy groups when there is a change in occupancy affecting more than 50% of the building area or when an addition increases the occupant load by 50 or more.	This is a Lenexa specific amendment.	Amend accordingly
309 Exterior Wall Covering Replacement	The 2024 ICC Code requires adherence to new building standards when replacing exterior wall coverings on existing structures. This change stems from the 2019 Grenfell fire in London.	Code Officials Committee agree with the update.	Adopt ICC code as written.

4-8-K EXISTING BUILDING CODE (IEBC)			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
803.2.2; 904.1.4 and 1004 Fire sprinkler upgrades to existing buildings	The 2024 ICC Code provides that fire sprinkler upgrades are required when the work area exceeds 50% of a floor's area or when there is a change in occupancy. The proposed amendment clarifies that the Lenexa IFC amendment prohibiting the use of fire walls to avoid fire sprinkler upgrade triggers also applies to certain alterations in existing buildings and that reclassifying an incidental use area does not trigger the need for fire sprinkler upgrades.	Lenexa specific amendment.	Amend accordingly
908 1st Responder Communication	2024 ICC Code now requires review of emergency responder communications in existing buildings undergoing extensive alterations	Code Officials Committee agree with the update.	Adopt ICC code as written.
Appendix E: Temp. Emergency Uses	2024 ICC Code establishes new criteria for the temporary use of existing buildings during an emergency to address unusual circumstances that temporarily overwhelm response capabilities while maintaining the level of safety intended by the code. (e.g. covid tents)	Code Officials Committee agree with the update.	Adopt ICC code as written.

<u>4-8-L MOVING BUILDINGS</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
	No changes proposed to this current Lenexa code.	Not applicable. This is a Lenexa Specific Building Code and is not part of ICC's code books.	No amendments.

<u>4-8-M UTILITY POLES AND U/G CONDUIT</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
	No changes proposed to this current Lenexa code	Not applicable. This is a Lenexa Specific Building Code and is not part of ICC's code books.	No amendments.

<u>4-8-O SUBSURFACE SPACE BUILDING CODE</u>			
Code Section and title	Description	Code Officials Committee Discussion	Staff recommendation
	No changes proposed to this current Lenexa code	Not applicable. This is a Lenexa Specific Building Code and is not part of ICC's code books.	No amendments.

Commercial Energy Comparisons

Code Officials Committee: Agree with adopting the 2024 IECC unamended. Lenexa Staff agree with the code officials.

Comparison Item	2012 IECC	2024 IECC	Recommendation
C402.6.2 Blower door test (air leakage)	Current code requires testing at the discretion of the building official. The 2024 code as written, as in previous editions of the ICC codes, require blower door testing or other means to verify air leakage compliance.	Current adoption of the IECC amended out air leakage compliance verification unless specified by the code official. Code Officials Committee agree to remove the prior amendment thus require air leakage compliance verification per the code as written.	Adopt ICC code as written.
Roof insulation (Table 402.1.3)	Amended roof insulation requirement to R25	2024 Code requires R30ci.	Adopt ICC code as written.
Attic Insulation (Table 402.1.3)	Amended attic insulation requirement to R38	2024 Code requires R49	Adopt ICC code as written.
Wood Frame Walls (Table 402.1.3)	Amended down to wood frame wall insulation value to R13 from R20. Previous amendment was used throughout KC Metro prior to 2018.	2024 code requires R27 or R20+3.8c.i. or equivalent.	Adopt ICC code as written.

Comparison Item	2012 IECC	2024 IECC	Recommendation
Metal Frame Walls (Table 402.1.3)	R13+R7.5ci	2024 code requires R0+R12.6; or R13+R7.5; or R20+R6.3;	Adopt ICC code as written.
Insulation for joists, metal buildings, slabs (Table 402.1.3)	Unchanged		Adopt ICC code as written.
Glazing & Door u-value (Table 402.5)	Fixed fenestration .38 Entrance Doors .77 Operable fenestration and skylights unchanged	Fixed fenestration .34 Entrance Doors .63	Adopt ICC code as written.
Skylights C402.5	Required for spaces 10,000 Ft ²	Required for spaces 2,500 Ft ²	Adopt ICC code as written.
Lighting density/day light zones (C402.5.4 and C405.2)	Introducing space by space method	2024 code increases restrictions to artificial lighting respective to the amount of natural lighting zones.	Adopt ICC code as written.

Residential Energy Comparisons

Code Officials Committee: Strongly leaning toward amending the IRC energy provisions to accept HERS rating between 60 and 65. Discussions are ongoing.

Comparison item (Table N1102.1.3)	2018 (amended)	2024 (amended)
Home Energy Rating System (HERS) score	80	60 - 65
All items below from Table N1102.1.3	2018 (amended)	2024 (unamended)
Fenestration U-factor	0.32	.30
Skylight U-factor	0.55	0.53
Glazed Fenestration SHGC	0.40	0.40
Ceiling R-value	49	49
Wood Frame Wall R-value	13	30; or 20&5ci; or 13&10ci; or 0&20ci.

Mass Wall R-Value	8/13	8/13
Floor R-Value	19	19; or 13+5ci; or 15ci
Basement Wall R-value	10 / 13	10ci; or 13
Slab R-Value & Depth	NR	10ci for 3'
Crawl Space Wall R-Value	10/13	10ci; or 13