



AGENDA
City of Roeland Park, Kansas
Governing Body Meeting
City Hall, 4600 W 51st Street
February 2, 2026 6:00 PM

- | | | |
|---|--|---|
| <ul style="list-style-type: none">• Michael Poppa, Mayor• Jan Faidley, Council Member, Ward 1• Tom Madigan, Council Member, Ward 1• Benjamin Dickens, Council Member, Ward 2• Jennifer Hill, Council Member, Ward 2 | <ul style="list-style-type: none">• Emily Hage, Council Member, Ward 3• Harold Morales, Council Member, Ward 3• Matthew Lero, Council Member, Ward 4• Debbi Schraeder, Council Member, Ward 4 | <ul style="list-style-type: none">• Keith Moody, City Administrator• Jennifer Jones-Lacy, Asst. Admin.• Kelley Nielsen, City Clerk• Cory Honas, Police Chief• Donnie Scharff, Public Works Director |
|---|--|---|

Council Standing Committees

Admin
Faidley
Schraeder

Finance
Dickens
Hage

Safety
Hill
Morales

Public Works
Madigan
Lero

I. Approval of Minutes

- A. Governing Body Workshop Meeting Minutes January 20, 2026

II. Discussion Items

- A. Provide Direction on 2027 Objective Submittals (5 min)
- B. Review and Discuss Adoption of the 2024 International Energy Conservation Code (20 min)

III. Non-Action Items

IV. Committee Minutes

V. Adjournment

Welcome to this meeting of the Governing Body Workshop
Below are the Procedural Rules of the Committee

The governing body encourages citizen participation in local governance processes. To that end, and in compliance with the Kansas Open meetings Act (KSA 45-215), you are invited to participate in this meeting. The following rules have been established to facilitate the transaction of business during the meeting. Please take a moment to review these rules before the meeting begins.

A. Audience Decorum. Members of the audience shall not engage in disorderly or boisterous conduct, including but not limited to; the utterance of loud, obnoxious, threatening, or abusive language; clapping; cheering; whistling; stomping; or any other acts that disrupt, impede, or otherwise render the orderly conduct of the Committee of the Whole meeting unfeasible. Any member(s) of the audience engaging in such conduct shall, at the discretion of the City Council President (Chair) or a majority of the Council Members, be declared out of order and shall be subject to reprimand and/or removal from that meeting. Please turn all cellular telephones and other noise-making devices off or to "silent mode" before the meeting begins.

B. Public Comment Request to Speak Form. The request form's purpose is to have a record for the City Clerk. Members of the public may address the Committee of the Whole during Public Comments and/or before consideration of any agenda item; however, no person shall address the Committee of the Whole without first being recognized by the Chair or Committee Chair. Any person wishing to speak at the beginning of an agenda topic, shall first complete a Request to Speak form and submit this form to the City Clerk before discussion begins on that topic.

C. Purpose. The purpose of addressing the Committee of the Whole is to communicate formally with the governing body with a question or comment regarding matters that are on the Committee's agenda.

D. Speaker Decorum. Each person addressing the Committee of the Whole, shall do so in an orderly, respectful, dignified manner and shall not engage in conduct or language that disturbs, or otherwise impedes the orderly conduct of the committee meeting. Any person, who so disrupts the meeting shall, at the discretion of the City Council President (Chair) or a majority of the Council Members, be declared out of order and shall be subject to reprimand and/or be subject to removal from that meeting.

E. Time Limit. In the interest of fairness to other persons wishing to speak and to other individuals or groups having business before the Committee of the Whole, each speaker shall limit comments to two minutes per agenda item. If a large number of people wish to speak, this time may be shortened by the Chair so that the number of persons wishing to speak may be accommodated within the time available.

F. Speak Only Once Per Agenda Item. Second opportunities for the public to speak on the same issue will not be permitted unless mandated by state or local law. No speaker will be allowed to yield part or all of his/her time to another, and no speaker will be credited with time requested but not used by another.

G. Addressing the Committee of the Whole. Comment and testimony are to be directed to the Chair. Dialogue between and inquiries from citizens and individual Committee Members, members of staff, or the seated audience is not permitted. Only one speaker shall have the floor at one time. Before addressing Committee speakers shall state their full name, address and/or resident/non-resident group affiliation, if any, before delivering any remarks.

H. Agendas and minutes can be accessed at www.roelandpark.org or by contacting the City Clerk

Bienvenidos a esta reunión pública del Cuerpo de Gobierno de Roeland Park.

El Alcalde y el Concejo Municipal fomentan la participación pública en los procesos de gobernanza local. Con ese fin, y en cumplimiento con la Ley de Reuniones Abiertas de Kansas (KSA 45-215), se le invita a participar en esta reunión. Se han establecido las siguientes Reglas de Procedimiento para facilitar la realización de negocios durante esta reunión pública. Por favor, tome un momento para revisar estas reglas antes de que comience la reunión.

A. Decoro de los asistentes. Los miembros del público no deberán participar en conductas desordenadas o ruidosas que interrumpan, obstaculicen o de alguna manera hagan inviable el desarrollo ordenado de esta reunión pública. Cualquier miembro del público que participe en dicha conducta será, a discreción del Presidente, declarado fuera de orden y estará sujeto a reprimenda y/o expulsión de la reunión. Por favor, silencie todos los dispositivos móviles y otros dispositivos que emitan ruido antes de que comience la reunión.

B. Comentarios públicos y formulario de solicitud para hablar. Los miembros del público pueden dirigirse al Cuerpo de Gobierno durante los comentarios públicos sobre asuntos que estén dentro de la jurisdicción de la Ciudad, pero que pueden no estar específicamente en la agenda. También se podrán aceptar comentarios públicos sobre puntos específicos de la agenda, a discreción del Presidente. Cualquier miembro del público que desee hablar durante los comentarios públicos y/o sobre cualquier punto de la agenda deberá presentar un formulario de solicitud para hablar completado al Secretario Municipal antes de que el Presidente anuncie esa sección de la agenda. El propósito del formulario de solicitud es mantener un registro público para el Secretario Municipal.

C. Propósito. El propósito de dirigirse al Cuerpo de Gobierno es comunicarse formalmente sobre asuntos relacionados con los negocios de la ciudad o preocupaciones públicas. Las personas que se dirijan al Cuerpo de Gobierno sobre un punto de la agenda deberán limitar sus comentarios al asunto en discusión.

D. Decoro del orador. Ninguna persona podrá dirigirse al Cuerpo de Gobierno sin haber sido reconocida previamente por el Presidente. Cada persona que hable deberá hacerlo de manera ordenada, respetuosa y digna, y no deberá participar en conductas o lenguaje que perturben o de alguna manera obstaculicen el desarrollo ordenado de esta reunión pública. Cualquier persona que interrumpa la reunión será, a discreción del Presidente, sujeta a expulsión de dicha reunión.

E. Límite de tiempo. En interés de la equidad hacia otras personas que deseen hablar y hacia otros individuos o grupos que tengan asuntos pendientes ante el Cuerpo de Gobierno, cada orador tendrá hasta cinco minutos en el podio. Este tiempo puede ser reducido a discreción del Presidente.

F. Hablar solo una vez. No se permitirán segundas oportunidades para que el público hable sobre el mismo tema, a menos que lo exija la ley estatal o local. No se permitirá a ningún orador ceder parte o la totalidad de su tiempo a otra persona, y no se acreditará a ningún orador el tiempo solicitado pero no utilizado por otra persona.

G. Dirigirse al Cuerpo de Gobierno. Para garantizar una participación pública ordenada, respetuosa y debidamente registrada, todos los comentarios desde el podio deben dirigirse al Presidente. Los oradores no deben entablar conversaciones directas con miembros individuales del Cuerpo de Gobierno, personal o asistentes mientras están hablando. El personal podrá dar seguimiento con respuestas a las preguntas de los oradores en una fecha y hora futura. Si los miembros del Cuerpo de Gobierno desean hacer preguntas o buscar aclaraciones, deben hacerlo a través del Presidente. Solo un orador debe estar hablando en el micrófono en cualquier momento. Los oradores deben usar el micrófono para garantizar que sus comentarios sean grabados claramente para el registro público. Antes de hablar, los oradores deben declarar su nombre completo, ciudad de residencia y afiliación de grupo (si corresponde).

H. Las agendas y actas están disponibles en www.roelandpark.org o contactando al Secretario Municipal.

El Alcalde y el Concejo Municipal agradecen su participación y aprecian su cooperación. Si desea información adicional sobre estos procedimientos, comuníquese con el Secretario Municipal al (913) 722-2600.

The governing body welcomes your participation and appreciates your cooperation. If you would like additional information about the Governing Body Workshop or its proceedings, please contact the City Clerk at (913) 722.2600.

Item Number: I. Approval of Minutes



City of Roeland Park
Action Item Summary

Submitted By:

Committee/Department: Administration

Title: Governing Body Workshop Meeting Minutes January 20, 2026

Item Type: Action Item

Recommendation:

Details:

The minutes from the January 20, 2026 Workshop will be added as soon as they are ready.

Fiscal Impact	
Amount of Request:	
Budgeted item?	Budgeted Amount:
Line Item Code/Description:	

Additional Information

Diversity Equity & Inclusion Lens

What are the implications to intersectionality?

- Does this item benefit all racial groups?
- Does this item benefit Community for All Ages?
- Does this item exclude or disproportionately impact any social identities? If yes, what populations and why?
- What (if any) social determinants of health are impacted by this item?
- What (if any) are the unintended economic and environmental impacts of this item?
- How has the impacted community been involved?
- How will the program be communicated to all stakeholders?

ATTACHMENTS:

1. Governing Body Workshop Meeting Minutes January 20, 2026

CITY OF ROELAND PARK, KANSAS
GOVERNING BODY WORKSHOP MINUTES
ROELAND PARK CITY HALL
4600 WEST 51ST STREET, ROELAND PARK, KS 66205
December 1, 2025, 6:00 P.M.

- Michael Poppa, Mayor
- Benjamin Dickens, Council Member
- Jan Faidley, Council Member
- Emily Hage, Council Member
- Jennifer Hill, Council Member

- Matthew Lero, Council Member
- Tom Madigan, Council Member
- Harold Morales, Council Member
- Debbie Schraeder, Council Member

- Keith Moody, City Administrator
- Jennifer Jones-Lacy, Asst. City Admin.
- Kelley Nielsen, City Clerk
- Cory Honas, Police Chief
- Donnie Scharff, Public Works Director

(Roeland Park Governing Body Workshop Meeting Called to Order at 8:23 p.m.)

(The beginning of the meeting was not recorded.)

I. MINUTES

1. Governing Body Workshop Meeting Minutes January 5, 2026

The minutes were approved as presented.

II. DISCUSSION ITEMS

1. Discuss 2026 Aquatic Center Fees

Nathan Brungardt, Parks and Rec Superintendent, following direction from the Governing Body at the last Workshop meeting, gave an updated presentation on proposed pool pass noting the intention of the City was to maintain access for all and increasing attendance. There was also a sentiment at this time that they do not have to be at a market rate in alignment with other cities.

After reviewing the proposed rates, there was some discussion about the senior rate. Mr. Brungardt said that senior fees are disappearing across the metro.

Also, there was a discussion of the increase in a 50 percent rate for families versus a 25 percent rate for individuals.

CMBR Lero stated this is a significant increase. He said if their goal is to increase attendance, this rate increase is not the way to do it noting it is a big jump for a family. He said they need to be careful of the rate increases for the residents of Roeland Park and remember this is an asset to the City and they need to keep it affordable for their residents.

CMBR Hill asked if a family pass includes a guest pass, nanny pass, or grandparent pass. Mr. Brungardt said the family membership does not include any extra passes. CMBR Hill asked if that is something they could consider, and Mr. Brungardt said there is nothing comparable to that in the area.

Mayor Poppa added that previously they could not offer a guest pass because the software didn't allow it or staff did not know how to incorporate that. He asked if something like that was available. Mr. Brungardt said that would be an upgrade to their system. Mr. Brungardt also stated that people

take advantage of the system now and purchase a family membership and they do not all live at the same address.

CMBR Madigan stated that not having a grandma pass is the number one complaint he hears and it is something into which they should look. Mr. Brungardt said they do want to be fair to all who are attending.

CMBR Hill noted it is a big issue with pricing of a family of three versus five members, and that five is getting a great deal. She said they want to get people into their pool, but she would like to see them have a grandma pass.

CMBR Faidley said she thought they talked about an increase across the board. She knows they are under market, but why the 50 percent jump for a daily pass.

CMBR Hage said she is hearing an equity issue and that maybe they should consider eliminating the family passes.

City Manager Moody wanted to emphasize that the equity question arose in other communities in what their fee structure was intended to do. It is likely the equity question led to their going away from the family pass. He also said that they do lag in the market because for so long JCPRD operated the facility and handled the pricing decisions. Then following COVID and not being open all the time, they are working through that delayed adjustment action.

CMBR Dickens said he is good with the numbers as presented and is comfortable with the proposed increase.

CMBR Hage said when this was put before the Aquatics Committee someone asked if the rates were monthly not realizing these would be for the season. The thinking is that people are in the mindset of having to pay monthly for gym memberships and the like.

CMBR Lero said these numbers are better than from the previous presentation. For him, the non-resident family rate would be a non-starter. He would expect to see a drop in pool usage. He would be willing to move forward with what is proposed and then they can reevaluate the numbers at the end of the season to see if there was an actual drop in attendance.

Mr. Brungardt said at a previous pool he had made a couple of \$50 price increases on memberships, and they did not see a drop-off but an increase. Of course, they were one of only two pools in the county. In any event, he does not foreshadow a huge drop.

Mayor Poppa asked if they could call it a group pass as not everyone is part of a family. Mr. Brungardt said the software could handle that. He expressed concerns about the minimum age of users and does not want to become a daycare.

CMBR Hill said she likes the idea of a group pass.

CMBR Faidley asked if they needed to start looking at getting rid of the family pass and just moving to an individual only. She said it is supposed to be financially beneficial for a family rate versus an individual. She asked what the cut-off age is. Mr. Brungardt said that children two and under are free.

CMBR Hage asked for consensus and there was majority agreement to move forward with the proposed rate changes while keeping an eye on the data during the season. This item will be placed on New Business at the next City Council meeting.

Mr. Brungardt said he will investigate the nanny/grandparent pass for 2027 as he has the Superpass to work through this season as well as the school passes.

2. Appoint Task Group to Revisit City Administrator Evaluation Tool and Process

Mayor Poppa said that during this past year's City Administrator evaluation, it was determined the process should be updated as it has been in use since 2015 and could be tailored more specifically. Per ordinance, they would like to appoint a task group.

CMBRS Madigan, Dickens, Hill, and Hage volunteered to serve on the task group.

III. Committee Minutes

The were no Committee minutes attached.

IV. Adjourn

CMBR Hage adjourned the meeting.

(Roeland Park Workshop Adjourned at 8:51 p.m.)

Item Number: II. Discussion
Items



City of Roeland Park
Action Item Summary

Submitted By:

Keith Moody

Committee/Department: Administration

Title: Provide Direction on 2027 Objective Submittals (5 min)

Item Type: Action Item

Recommendation:

Council has provided direction in the past on limits to the number of objectives to be submitted. This is an opportunity for that discussion and direction to take place as we embark on development of our 2027 objectives.

Details:

Direction from council as to the number of objectives to be submitted per staff, elected official and committee as we start developing objectives is beneficial to those charged with developing objectives. In the past couple of years, the governing body has limited objective submittals to 1 per department head/elected official/committee. Some discussion has also centered on a budget limit per objective but there has not been a formal restriction set by the governing body in the past. 2026 has 9 objectives with 6 outstanding objectives from prior years also being worked on as a point of reference. We have 5 department heads, 9 elected officials and 7 standing committees.

Fiscal Impact	
Amount of Request:	
Budgeted item?	Budgeted Amount:
Line Item Code/Description:	

Additional Information

Diversity Equity & Inclusion Lens

What are the implications to intersectionality?

- Does this item benefit all racial groups?
- Does this item benefit Community for All Ages?
- Does this item exclude or disproportionately impact any social identities? If yes, what populations and why?

- What (if any) social determinants of health are impacted by this item?
- What (if any) are the unintended economic and environmental impacts of this item?
- How has the impacted community been involved?
- How will the program be communicated to all stakeholders?

ATTACHMENTS:

1. 2027 Goals and Objectives - Blank

Behavioral Values Organizational Goals & Fiscal Year 2027 Objectives

Behavioral Values: In the spring of 2023 the Governing Body and Department Directors developed Behavioral Values for the organization during a series of workshops facilitated by the KU Public Management Center. This effort was intended to strengthen the working relationships within the Governing Body as well as between the Governing Body and Staff. The Behavioral Values guide the organization as we examine how to bridge the gap between what is politically acceptable (what we want to do) and what is operationally sustainable (can we do it).

Value	Definition
Committed to Continuous Learning	We learn new skills, gain knowledge, listen and seek to understand so as to be proactive and innovative in our leadership and decision making.
Sense of Humor	Remaining keenly aware of the context and approach, we use humor as a tool to create social connections and build relationships.
Respect	We hold all people and groups in high regard, treating them with kindness while creating an environment where they feel seen and heard.
Integrity	We are honest and uphold the highest ethical standards.
Inclusive	We welcome, represent, empower, and engage all people and groups through a focus on equity and fairness without favor or bias.
Transparency	We share information openly to create shared understanding and clarity and confidence in community governance.

Organizational Goals and Current Year Objectives: The broadly defined Organizational Goals are consistent areas of focus for organization improvements. These are reviewed and updated at the start of each budget cycle to ensure each remains relevant prior to staff and the elected officials focusing on specific Objectives (priorities) for the next budget year. The Objectives are specific initiatives intended to further the City's Goals and support our Values.

A. Advance Diversity, Equity, and Inclusion – within the community through intentional policy and procedures.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

B. Prioritize Communication and Engagement with the Community

–by expanding opportunities to inform and engage residents in an open and participatory manner.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

C. Improve Community Assets – through timely maintenance and replacement as well as improving assets to modern standards.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

D. Keep Our Community Safe & Secure – for all residents, businesses, and visitors.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

E. Provide Great Customer Service – with professional, timely and friendly staff.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

F. Cultivate a Rewarding Work Environment – where creativity, efficiency, productivity, and work-life balance are continuous pursuits.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

G. Encourage Investment in Our Community – whether it be redevelopment, new development, or maintenance.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

H. Work to Implement Strategic Goals – as outlined in the Strategic Plan, Comprehensive Plan, Planning Sustainable Places Study, and other planning documents adopted by Council.

Objectives:

1.

Justification:

Cost Estimate: \$ **Account**

Completion Date:

Responsible Party:

Submitted By:

What are the racial equity implications of this objective?

A Guide for Racial Equity Impact Questions: the guide below is provided as an aid to help develop answers to the broad question of “what are the racial equity implications of this objective”. 2024 marked the implementation of a racial equity lens as a supporting data component for Objectives.

- What is the intended outcome of this item?
- Does this item benefit all racial groups?
- Does this item leave out any racial groups?
- What (if any) social determinants of health are impacted by this item?
- What (if any) are the unintended economic and environmental impacts of this item?
- How has the impacted community been involved?
- How will the program be communicated to all stakeholders?

Social determinants of health are the conditions in the environment where people are born, live, learn, work, play, worship, and age that affect a wide range of health and quality-of-life outcomes. Several social determinants of health that are particularly relevant to municipal government are: crime prevention and criminal justice, safe and healthy living conditions, connectivity of neighborhoods, and access to recreation opportunities.

Item Number: II. Discussion
Items



City of Roeland Park
Action Item Summary

Submitted By:

Jennifer Jones-Lacy, Assistant City Administrator Director of Finance

Committee/Department: Administration

Title: Review and Discuss Adoption of the 2024 International Energy Conservation Code (20 min)

Item Type: Presentation

Recommendation:

To review the 2024 International Energy Conservation Codes for Building Construction.

Details:

The City hired Joe Kmetz, Building Code Services Lead for GBA, to assist staff in conducting a thorough review of the 2024 International Codes Council suite of building codes in preparation for adoption. The review entails:

1. Reviewing significant changes from the current codes (2018) with the 2024 codes in each section.
2. Reviewing the City's current amendments in each chapter to determine if they should be modified as needed

Mr. Kmetz has already reviewed the 2024 International Building Code (IBC) and the International Residential Code (IRC) with the Governing Body at a prior workshop. Tonight, Joe will review the International Energy Conservation Code (IECC) which primarily applies to commercial development. Much of the energy code related to residential building codes is already contained within the IRC.

It is important to note that the attached redlined amendments to the code are **primarily administrative and that no substantive amendments to the IECC are being recommended**. Joe will review the attached presentation and walk through the redlines with you at workshop.

Fiscal Impact	
Amount of Request:	
Budgeted item?	Budgeted Amount:
Line Item Code/Description:	

Additional Information

Diversity Equity & Inclusion Lens

What are the implications to intersectionality?

- Does this item benefit all racial groups?
- Does this item benefit Community for All Ages?
- Does this item exclude or disproportionately impact any social identities? If yes, what populations and why?
- What (if any) social determinants of health are impacted by this item?
- What (if any) are the unintended economic and environmental impacts of this item?
- How has the impacted community been involved?
- How will the program be communicated to all stakeholders?

ATTACHMENTS:

1. City of Roeland Park, KS - IRC Recommended Amendments (Ordinance)_Rev2
2. City of Roeland Park, KS - IECC Recommended Amendments (Ordinance)_Rev2
3. IECC Code Update Presentation 2.2.26

Key

Current Westwood Amendments

Recommended removal of Roeland Park Amendments

Amendment done by Peer Jurisdiction (AHJ shown in comment)

Amendment recommended by GBA (comment with rationale)

Revision after Task Force meeting

ARTICLE 7. INTERNATIONAL RESIDENTIAL CODE¹

Sec. 4-701. International Residential Code Incorporated by Reference.

There is hereby incorporated by reference the "International Residential Code for One and Two Family Dwellings, 2018 Edition," including appendix chapters E, F, G, H, I, J, K, O, Q-AE, BA, BB, BC, BE, BF, BG, BH, BO, CD, CE, NE as and the referenced standards in Chapter 44, published by the International Code Council. No fewer than one copy of the "International Residential Code, 2018 2024 Edition," marked or stamped in the manner provided by K.S.A. 12-3010, with all sections or portions thereof intended to be omitted clearly marked and showing portions that are amended and to which shall be attached a copy of amendments shall be filed with the City Clerk and shall be open to inspection and available to the public at reasonable business hours. Official copies of such code shall be supplied at the cost of the City to the officials and agencies in the manner listed and set forth in K.S.A. 12-3010. Subsequent references to the Residential Code shall mean the International Residential Code for One- and Two-Family Dwellings, 2018 2024 Edition, published by the International Code Council.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-702. IRC Section R101.1 Amended.

Section R101 of the International Residential Code, 2018 2024 Edition, Title, is hereby amended to read as follows:

Replace the words "Name of Jurisdiction" with the words "the City of Roeland Park, Kansas."

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-7##. - IRC Section 103.1 Amended.

Section 103.1 entitled *Creation of agency* is hereby amended to read "The City of Roeland Park Building Department is hereby created and the official in charge thereof shall be known as the building official. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code."

(Ord. No. ####)

Commented [JK1]: In order: Manufactured Homes Used as Dwellings, Tiny Homes (will be done in Lenexa), Accessory Dwelling Units, Radon Control Methods, Patio Covers, Sound Transmission, Vehicular Gates, Existing Buildings and Structures, Piping Standards, Venting Methods. Appendixes in black are the new locations for the currently adopted appendices.

¹Editor's note(s)—Ord. No. 1023, § 7, adopted Jan. 18, 2022, amended Art. 7 in its entirety to read as herein set out. Former Art. 7, §§ 4-701—4-742, pertained to similar subject matter, and derived from the Code of 2014; and Ord. No. 910, §§ 7, 13, adopted May 18, 2015.

Sec. 4-703. IRC Section R105.2 Amended.

Section R105.2 ~~of the International Residential Code, 2018-2024 Edition, Work Exempt from Permit~~, is hereby amended to read as follows:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses provided the floor area is less than 100 square feet.
2. Eliminate this exception. All fences will require a permit in accordance with Chapter XVI - Section 16-613 of the City's codes.
3. Retaining walls that are not over 4 feet in height measured from the bottom of the footing to the top of the wall unless supporting a surcharge.
4. Water tanks supported directly upon grade if the capacity does not exceed 5,000 gallons and the ratio of height to diameter or width does not exceed 2 to 1.
5. Eliminate this exception. All concrete poured within the City of Roeland Park shall require a permit.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are 24 inches deep or less.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall which do not project more than 54 inches from the wall and do not require additional support.
10. Eliminate this exception. ~~A deck is a structure therefore all decks shall require a permit.~~

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-704. IRC Section R108.2 Amended.

Section R108.2 ~~of the International Residential Code, 2018-2024 Edition, Schedule of Permit Fees~~, is hereby amended to read as follows:

The Schedule of Permit Fees shall be established by ~~the Governing Body by city fee~~ resolution.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-705. IRC Section R108.5 Amended.

Section R108.5 ~~of the International Residential Code, 2018-2024 Edition, Refunds~~ is hereby amended to read as set out in Section 4-104 of this Code.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-706. IRC Section R109.1.8 4 Added.

Section R109.1.8 4 ~~of the International Residential Code, 2018-2024 Edition~~, is hereby added to read as follows:

If mud dirt rock or any other type of debris from the permitted building site has been found in the public right-of-way then all inspections for that permitted building will not be conducted until the right-of-way has been cleaned and inspected.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-707. IRC Section R~~101.1~~110.4 Amended.

Section R110. ~~4 of the International Residential Code, 2018-2024 Edition,~~ *Temporary Occupancy* is hereby amended to read as follows:

The fee for a Temporary Certificate of Occupancy shall be established by the Governing Body by resolution. The length of a temporary occupancy certificate shall be thirty (30) days unless weather conditions prevent the placement of landscaping until after thirty (30) days. From June 15 to September 15 sod and trees shall not be planted and the fee for a Temporary Certificate of Occupancy is reduced by fifty (50%) percent. The Building Official, upon due cause, may extend the time period of the Temporary Certificate of Occupancy.

Exception: Sod and trees can be planted between June 15 and September 15 if the homeowner provides the Neighborhood Services Department a letter stating they will water through those months in order to prevent the landscaping from dying. If they fail to do so they will re-establish all landscaping at the direction of the Code Official. If the letter is provided by the builder, they shall be responsible for the landscaping in the event the property changes ownership before September 15.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-708. IRC Section R112 Amended.

Section R112 ~~of the International Residential Code, 2018-2024 Edition, Board~~ *Means of Appeals*, is hereby amended to read as set out in Section 4-110 of the City Code.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-709. IRC Section R113.4 Amended.

Section R113.4 ~~of the International Residential Code, 2018-2024 Edition,~~ *Violation Penalties* is hereby amended to read as set out in Section 4-109 of the City Code.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Commented [JK2]: Will target a triple fee

Sec. 4-710. IRC Section R~~1301.2~~301.2/Table R301.2 Amended.

Section R301.2, Table R301.2(1) ~~of the International Residential Code, 2018-2024 Edition,~~ is hereby amended to insert the following information as follows:

Climatic and Geographic Design Criteria

- a. Ground Snow Load: 20 pounds per square foot
- b. Wind Speed: 107 miles per hour
- c. Topographic effects: No
- d. Special Wind Region: No
- e. Windborne Debris Region: No

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

- f. Seismic Design Category: A
- g. Weathering: Severe
- h. Frost Line Depth: 36 inches
- i. Termite: Moderate to Heavy
- j. Ice Barrier Underlayment Required: Yes
- k. Winter Design Temperature: Six degrees Fahrenheit
- l. Flood Hazards: Latest adopted FIRM and FBFM documents
- m. Air Freezing Index: 1000
- n. Mean Annual Temperature: 54.8 degrees Fahrenheit
- o. Manual J Design Criteria
 - i. Elevation: 955 feet
 - ii. Altitude correction factor: -
 - iii. Coincident wet bulb: 73F
 - iv. Indoor winter design relative humidity 72F
 - v. Indoor winter design dry-bulb temperature 71F
 - vi. Outdoor winter design dry-bulb temperature 3F
 - vii. Heating temperature difference 68F
 - viii. Latitude: 39° N
 - ix. Daily range: M
 - x. Indoor summer design relative humidity: -
 - xi. Indoor summer design dry-bulb temperature 74F
 - xii. Outdoor summer design dry-bulb temperature 95F
 - xiii. Cooling temperature difference 21F

Commented [JK3]: Need dates for this

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-711. IRC Section R302.2 Amended.

Section R302.2 of the International Residential Code, 2018 Edition, Townhouses, is hereby amended to read as follows:

Each townhouse shall be considered a separate building and shall be separated by fire resistance-rated wall assemblies of 2-hour and meeting the corresponding UL detail.

Commented [JK4]: The code has updated a lot in this area and should be plenty robust as-is.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-712. IRC Section R302.3 Amended.

Section R302.3 of the International Residential Code, 2018-2024 Edition, Two-family dwellings, is hereby amended to read as follows:

Each dwelling unit shall be considered a separate building. Dwelling unit separation for two-family dwellings shall be constructed in the same manner as that of townhouses with all fire resistance-rated walls a minimum of 2-hour. 2-hour walls must meet a UL standard for design. All utility connections serving two family dwellings and townhouses shall be separate.

Commented [JK5]: The code has updated a lot in this area and should be plenty robust as-is.

(Ord. No. 1023, § 7, 1-18-2022####)

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

Sec. 4-713. IRC Section R303.4 Amended.

Section R303.4 of the International Residential Code, 2018-2024 Edition, Mechanical ventilation, is hereby amended to read as follows:

Where the air infiltration rate of a dwelling unit is less than three (3) air changes per hour when tested with a blower door at a pressure of 0.2 inch wick (50 Pa) in accordance with Section R402.4.1.2 of the International Energy Conservation Code, the dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3.

(Ord. No. 1023, § 7, 1-18-2022)

Commented [JK6]: Now in N1102.5.1.

Sec. 4-714. IRC Section R306.5 326.5 Amended Added.

Section ~~R306.5~~ R326.5 of the International Residential Code, 2018-2024 Edition, *Temporary toilet facilities*, is hereby added to read as follows:

Toilet facilities shall be provided within 500 feet measured from the property line adjacent to the street for all new one and two family dwellings starting from the time of the footing inspection until the issuance of a temporary certificate of occupancy or when toilet facilities in the dwelling unit become available. Temporary toilet facilities shall be removed once the temporary certificate of occupancy is issued. A minimum of one (1) unit is required for every 5 dwelling units under construction.

Exceptions:

1. On lots of multiple permit issuance by the same builder the temporary toilet facility may remain past the temporary occupancy certificate issuance as long as the toilet facility is not adjacent to an occupied dwelling and there are active building permit(s) for the builder within 500 feet of the jobsite.
2. A temporary toilet facility is to be removed after a maximum of 12 months from the date it was placed.
3. The Building official shall have the final approval on the location of all temporary toilet facilities.

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-715. IRC Section R309.5 2 Deleted.

Section R309.~~5~~ 2 of the International Residential Code, 2018-2024 Edition, *Fire Sprinkler Systems*, is hereby deleted in its entirety.

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK7]: Removed only for one-two family dwellings. Required to be omitted by state law.

Sec. 4-716. IRC Section R313 Deleted.

Section R313 of the International Residential Code, 2018-2024 Edition, *Automatic Fire Sprinkler Systems*, is hereby deleted in its entirety.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK8]: This section moved to R309.2.

Sec. 4-###. IRC Section R310.8 Added.

Section R310.8 of the International Residential Code, 2018-2024 Edition, *Heat Detectors*, shall be added and should read as follows:

Heat detectors shall be installed in attached garages and shall interconnect with smoke alarms located in the individual dwelling unit in accordance with Section 310.4.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK9]: From Shawnee

Sec. 4-717. IRC Section R315.3 Amended.

Section R315.3 of the International Residential Code, 2018-2024 Edition, *Carbon Monoxide Alarms*, where required in existing dwellings, is hereby amended to read as follows:

Where work requiring a permit occurs in existing dwellings that have attached garages or in existing dwellings within which fuel-fired appliances exist, carbon monoxide alarms shall be provided in accordance with Section R315.1.

Exception: Work involving only exterior items such as roofs, siding, decks and such are exempt from the requirements of this section.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK10]: Moved to R311, recommend this be kept as-is.

Sec. 4-###. IRC Section R333 Added.

Section 333 entitled "*Physical security*." shall be added and shall read as follows:

333.1 Purpose. The purpose of this Section is to establish minimum standards that incorporate physical security to make dwelling units resistant to unlawful entry.

333.1.1 Scope. The provisions of this Section shall apply to all new structures and to additions made to existing buildings.

333.2 Doors. Except for vehicular access doors, all exterior swinging doors of residential buildings and attached garages, including the doors leading from the garage area into the dwelling unit, shall comply with Sections 333.2.1 through 333.2.5 for the type of door installed. When approved by the code official, doors into individual dwelling units that are inside of buildings with exterior doors meeting the requirements of Sections 333.2 through 333.4.6 and meeting the lighting requirements in Sections 333.6 through 333.6.2, are exempt from the requirements of Section 333.

333.2.1 Wood doors. Where installed, exterior wood doors shall be of solid core construction such as high-density particleboard, solid wood, or wood block core with a minimum thickness of one and three-fourths inches (1 3/4") at any point. Doors with panel inserts shall be solid wood. The panels shall be a minimum of one inch (1") thick. The tapered portion of the panel that inserts into the groove of the door shall be a minimum of one-quarter inch (1/4") thick. The groove shall be a dado groove or applied molding construction. The groove shall be a minimum of one-half inch (1/2") in depth.

333.2.2 Steel doors. Where installed, exterior steel doors shall be a minimum thickness of 24 gauge.

333.2.3 Fiberglass doors. Fiberglass doors shall have a minimum skin thickness of one-sixteenth inch (1/16") and have reinforcement material at the location of the deadbolt.

333.2.4 Double doors. Where installed, the inactive leaf of an exterior double door shall be provided with flush bolts having an engagement of not less than one inch into the head and threshold of the doorframe.

333.2.5 Sliding doors. Where installed, exterior sliding doors shall comply with all of the following requirements:

1. Sliding door assemblies shall be installed to prevent the removal of the panels and the glazing from the exterior with the installation of shims or screws in the upper track.

2. All sliding glass doors shall be equipped with a secondary locking device consisting of a metal pin or a surface mounted bolt assembly. Metal pins shall be installed at the intersection of the inner and outer panels of the inside door and shall not penetrate the frame's exterior surface. The surface mounted bolt assembly shall be installed at the base of the door.

333.3 Door frames. The exterior door frames shall be installed prior to a rough-in inspection. Door frames shall comply with Sections 333.3.1 through 333.3.3 for the type of assembly installed.

333.3.1 Wood frames. Wood door frames shall comply with all of the following requirements:

1. All exterior door frames shall be set in frame openings constructed of double studding or equivalent construction, including garage doors, but excluding overhead doors. Door frames, including those with sidelights shall be reinforced in accordance with ASTM F476-14 Grade 40.

2. In wood framing, horizontal blocking shall be placed between studs at the door lock height for three (3) stud spaces or equivalent bracing on each side of the door opening.

333.3.2 Steel frames. All exterior door frames shall be constructed of 18 gauge or heavier steel, and reinforced at the hinges and strikes. All steel frames shall be anchored to the wall in accordance with manufacturer specifications. Supporting wall structures shall consist of double studding or framing of equivalent strength. Frames shall be installed to eliminate tolerances inside the rough opening.

333.3.3 Door jambs.

1. Door jambs shall be installed with solid backing in a manner so no void exists between the strike side of the jamb and the frame opening for a vertical distance of twelve inches (12") each side of the strike. Filler material shall consist of a solid wood block.

2. Door stops on wooden jambs for in-swinging doors shall be of one-piece construction. Jambs for all doors shall be constructed or protected so as to prevent violation of the strike.

333.4 Door hardware. Exterior door hardware shall comply with Sections 333.4.1 through 333.4.6.

333.4.1 Hinges. Hinges for exterior swinging doors shall comply with the following:

1. At least two (2) screws, three inches (3") in length, penetrating at least one inch (1") into wall structure shall be used. Solid wood fillers or shims shall be used to eliminate any space between the wall structure and door frame behind each hinge.

2. Hinges for out-swinging doors shall be equipped with mechanical interlock to preclude the removal of the door from the exterior.

333.4.2 Strike plates. Exterior door strike plates shall be a minimum of 18 gauge metal with four offset screw holes. Strike plates shall be attached to wood with not less than three inch (3") screws, which shall have a minimum of one inch (1") penetration into the nearest stud.

Note: For side lighted units, refer to Section 333.4.6.

Created: 2025-10-25 19:15:41 [EST]

(Supp. No. 17, Update 6)

333.4.3 Escutcheon plates. All exterior doors shall have escutcheon plates or wrap-around door channels installed around the lock protecting the door's edge.

333.4.4 Locks. Exterior doors shall be provided with a locking device complying with one of the following: Single Cylinder Deadbolt shall have a minimum projection of one inch (1"). The deadbolt shall penetrate at least three-fourths inch (3/4") into the strike receiving the projected bolt. The cylinder shall have a twist-resistant, tapered hardened steel cylinder guard. The cylinder shall have a minimum of five (5) pin tumblers, shall be connected to the inner portion of the lock by solid metal connecting screws at least one-fourth inch (1/4") in diameter and two and one-fourth inches (2-1/4") in length. Bolt assembly (bolt housing) unit shall be of single piece construction. All deadbolts shall meet ANSI grade 2 specifications.

333.4.5 Entry vision and glazing. All main or front entry doors to dwelling units shall be arranged so that the occupant has a view of the area immediately outside the door without opening the door. The view may be provided by a door viewer having a field of view of not less than 180 degrees through windows or through view ports.

333.4.6 Side lighted entry doors. Side light door units shall have framing of double stud construction or equivalent construction complying with Sections 333.3.1, 333.3.2 and 333.3.3. The door frame that separates the door opening from the side light, whether on the latch side or the hinge side, shall be double stud construction or equivalent construction complying with Sections 333.3.1 and 333.3.2. Double stud construction or construction of equivalent strength shall exist between the glazing unit of the side light and wall structure of the dwelling.

333.5 Street numbers. Street numbers shall comply with Section 505 of the *International Fire Code*.

333.6 Exterior lighting. Exterior lighting shall comply with Sections 333.6.1 through 333.6.2.

333.6.1 Front and street side exterior lighting. All front and street side door entrances should be protected with a minimum of one light outlet having a minimum of sixty (60) watts of lighting (or energy efficient equivalent), installed so that the light source is not readily accessible.

333.6.2 Rear exterior lighting. Homes with windows or doors near ground level below eight feet (8') on the rear side of the house shall be equipped with a minimum of one light outlet having 100 watt lighting (or energy efficient equivalent) and shall be of the flood light type. Those fixtures placed below eight feet (8') shall be fixtures manufactured such that the light source is not readily accessible.

333.7 Alternate materials and methods of construction. The provisions of this Section are not intended to prevent the use of any material or method of construction not specifically prescribed by this Section, provided any such alternate has been approved by the enforcing authority, nor is it the intention of this Section to exclude any sound method of structural design or analysis not specifically provided for in this Section. The materials, methods of construction, and structural design limitations provided for in this Section shall be used, unless the enforcing authority grants an exception. The enforcing authority is authorized to approve any such alternate provided they find the proposed design, materials, and methods of work to be at least equivalent to those prescribed in this Section in quality, strength, effectiveness, burglary resistance, durability, and safety.

Sec. 4-###. IRC Section R403.1.1 Added.

Section R403.1.1, entitled "Minimum size," is hereby added to read as follows:

Commented [JK11]: This is done in multiple jurisdictions in the metro, has been in place since 2018.

"The minimum size for all residential concrete footings shall be 8 inches in depth and 16 inches in width. Steel shall be minimum ½" in size with two (2) bars running parallel in the footing. Single story trench footings are to be a minimum of 12 inches in width. Footing projections shall be at least 2 inches and shall not exceed the thickness of the footing. The minimum load-bearing value of soil shall be 2,000 psf. Soils investigation reports are required when it appears the soil bearing value is below 2,000 psf, or when conditions exist as described in R401.4. Footings for structures with more than two stories shall be designed by a licensed Kansas engineer."

Commented [JK12]: Westwood

Sec. 4-###. IRC Section R404.1.1 Added.

Section R404.1.1 entitled "*Design required*," should include an additional item (number 3) that reads as follows: "3. Foundation walls over ten (10') feet in height measured from the top of the footing to the top of the wall."

Commented [JK13]: Westwood

Sec. 4-718. IRC Section R501.3 Amended.

Section R501.3 of the International Residential Code, 2018-2024 Edition, Fire protection of floors, is hereby amended to read as follows:

Floor assemblies not required elsewhere in this code to be fire resistance rated shall be provided with a ½-inch gypsum wallboard membrane, ¾-inch wood structural membrane or equivalent on the underside of the floor framing member for open web type floor truss systems and I-joist systems.

Exceptions:

1. Floor systems located directly over a space protected by an automatic sprinkler system in accordance with Section P2904 NFPA 13D or other approved systems.
2. Floor systems located directly over a crawl space not intended for storage or fuel fired appliances.
3. The aggregate area of the unprotected portions shall not exceed 80 square feet.

Commented [JK14]: Recommend this is left as-is.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-719. IRC Section R401.1 Amended.

Section R401.1 of the International Residential Code, 2018-2024 Edition, is hereby amended to add the following paragraph:

The construction of foundations shall be in accordance with the latest edition of the Johnson County Building Officials Residential Foundation Guidelines.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK15]: Recommend this be removed, the guidelines don't seem to be prescriptive enough and is not regularly curated.

Sec. 4-720. IRC Section R403.1.1 Amended.

Section R403.1.1 of the International Residential Code, 2018-2024 Edition, Minimum size, is hereby added to read as follows:

The minimum size for all residential concrete footings shall be 8 inches in depth and 16 inches in width. Steel shall be minimum ½" in size with two (2) bars running parallel in the footing. Single story trench footings are to be a minimum of 12 inches in width. Footing projections shall be at least 2 inches and shall not exceed the

Created: 2025-10-25 19:15:41 [EST]

(Supp. No. 17, Update 6)

thickness of the footing. The minimum load-bearing value of soil shall be 2,000 psf. Soils investigation reports are required when it appears the soil bearing value is below 2,000 psf, or when conditions exist as described in R401.4. Footings for all three-story structures shall be designed by a licensed Kansas engineer.

Commented [JK16]: Relocated to above.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-721. IRC Section R502.2.2 Amended.

Section R502.2.2 of the International Residential Code, ~~2018-2024~~ Edition, Decks, is hereby added to read as follows:

The construction of decks and balconies shall be done by using the latest edition of the Johnson County Building Officials Deck Design publication.

Commented [JK17]: Recommend this be removed, the guidelines don't seem to be prescriptive enough and is not regularly curated.

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-722. IRC Section R506.3 Amended.

Section R506.3 of the International Residential Code, ~~2018-2024~~ Edition, *Garage Floors*, is hereby added to read as follows:

All garage floors are to be constructed of concrete and shall be installed according to the City of Roeland Park "Typical Garage Slab Detail." The Building Official will review for acceptance other engineered systems prepared by a licensed engineer in Kansas in lieu of the required slab detail.

(Code 2022)

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-723. IRC Section R602.10.6.3.1 Amended.

Section R602.10.6.3.1 of the International Residential Code, ~~2018-2024~~ Edition, Braced wall panel construction methods, is hereby added to read as follows:

The Johnson County Braced Wall Report will be required as the braced wall standard for all garages, including the H frame detail. Other methods of portal frames at garage door openings shall be engineered.

Commented [JK18]: Recommend this be removed, the guidelines don't seem to be prescriptive enough and is not regularly curated.

(Code 2022)

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-724. IRC Section R905.~~8.3.1.1.2~~ Amended.

Section R905.~~8.3.1.1.2~~ of the International Residential Code, ~~2018-2024~~ Edition, *Ice barriers*, is hereby amended to read as follows:

~~Ice barrier.~~ Ice and water shield protection shall be required on all new or replacement roof coverings. It shall consist of at least two layers of underlayment cemented together or a self-adhering polymer modified bitumen sheet in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches inside the exterior wall line of the building.

Exception: Detached accessory structures, less than 200 square-feet of floor area, that contain no conditioned floor area.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-725. IRC Section R907.3 Amended.

Section R907.3 of the International Residential Code, 2018-2024 Edition, ~~re~~*Recovering versus Replacement*, is hereby amended to read as follows:

New roof coverings shall not be installed without first removing all existing layers of roof coverings down to the roof decking.

Exception: Where the existing roof assembly includes an ice barrier membrane that is adhered to the roof deck the existing ice barrier membrane shall be permitted to remain in place and covered with an additional layer of ice barrier membrane in accordance with Section R905.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-726. IRC Section N1101.1 Amended.

Section N1101.1 of the International Residential Code, 2018-2024 Edition, Scope, is hereby amended to add the following paragraphs following the first paragraph:

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 7-###. IRC Section N1101.5 Amended.

Section N1101.5 Information on construction documents is hereby to include "10. Electric Vehicle charging details and locations."

Sec. 4-727. IRC Section N1102.1.1 Amended.

Table N1102.1.2 of the International Residential Code, 2018-2024 Edition, is hereby amended as follows:

Table N1102.1.1 – Insulation and Fenestration Requirements by Component^a

Climate Zone	Fenestration U-Factor	Skylight U-Factor ^b	Glazed Fenestration SHGC ^b	Ceiling R-Value ^f	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value ^e	Slab R-Value & Depth ^d	Crawl Space Wall R-Value ^e
4	0.35	0.55	0.4	49	13	8/13	19	10/13	NR	10/13

(a) — R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table.

(b) — The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

- (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) No change.
- (f) No change.
- (g) No change.
- (h) Refers to wall cavity insulation minimum standards only.
- (i) The second R-value applies when more than half the insulation is on the interior of the mass wall.
- (j) Loose-fill insulation shall be installed at the rate recommended by the manufacturer's statement "so many bags per 1,000 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 R1102.2.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-728. IRC Section N1102.4.1.2 Amended.

Section N1102.4.1.2 of the International Residential Code, 2018-2024 Edition, Testing, is hereby amended to read as follows:

The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding 5 air changes per hour. Testing shall be conducted with a blower door at a pressure of 0.2 inches w.g. (50 Pascals). Where required by the Code 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 Code 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, fireplaces 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.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK19]: Recommend this be kept as-is.

Commented [JK20]: Recommend this be left as-is.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

Sec. 4-729. IRC Section N1103.3.62.2 Amended.

Section N1103.3.62.2 of the International Residential Code, 2018-2024 Edition, ~~Sealing Mandatory~~, is hereby amended to read as follows:

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 pressure classification shall not require additional closure systems.

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 per 100 square feet of conditioned floor area when tested at a pressure differential of 0.1 inches wg (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 per 100 square feet of conditioned floor area when tested at a pressure differential of 0.1 inches wg (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 per 100 square feet 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 space.

(Code 2022)

(Ord. No. ~~1023~~, § 7, 1-18-2022####)

Sec. 4-###. IRC Section N 1103.3.7 Deleted.

~~Section N1103.3.7 of the International Residential Code, 2018-2024 Edition, Duct system testing., is hereby deleted.~~

(Ord. No. ~~1023~~, § 7, 1-18-2022####)

Commented [JK21]: Burdensome testing requirement, per feedback from builders meeting.

Sec. 4-730. IRC Section N1103.2.3 2 Deleted Amended.

Section N1103.3.5 2 of the International Residential Code, 2018 2024 Edition, ~~b~~Building cavities, is hereby amended to read as follows:.

Building framing cavities shall not be used as ductwork or plenums.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

Exception: building cavities located entirely within the thermal envelope.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-731. IRC Section N1103.4-5.2 Amended.

Section N1103.4-1 5.2 of the International Residential Code, 2018-2024 Edition, *Hot water pipe insulation* (prescriptive), is hereby amended to read as follows:

Insulation for hot water pipe with a minimum thermal resistance R-value of R-3 shall be applied to the following:

1. Piping located under a floor slab.
2. Buried piping.
3. Supply and return piping in recirculation systems other than demand recirculation systems.

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-732. IRC Section N1104.1 Amended.

Section N1104.1 of the International Residential Code, 2012-2024 Edition, *Lighting equipment (Mandatory)*, is hereby amended to read as follows:

Fuel gas lighting systems shall not have continuously burning pilot lights.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK22]: This is now in the text in N1104.5.

Sec. 4-###. IRC Section N1106.5 Amended.

Section N1104.1 of the International Residential Code, 2012-2024 Edition, *Lighting equipment (Mandatory)*, is hereby amended to read as follows:

N1106.5 (R406.5) ERI-based compliance.

Compliance based on an *ERI* analysis requires that the *rated design* and each confirmed as-built *dwelling unit* be shown to have an ERI less than or equal to the applicable value indicated in Table N1106.5 where compared to the *ERI reference design*, as follows:

1. Where on-site renewables are not installed, the values under ENERGY RATING INDEX NOT INCLUDING OPP apply.
2. Where on-site renewables are installed, the values under ENERGY RATING INDEX WITH OPP apply.

Exception: Where the ERI analysis excludes on-site power production (OPP), the values under ENERGY RATING INDEX NOT INCLUDING OPP shall be permitted to be applied.

TABLE N1106.5

(R406.5)

Created: 2025-10-25 19:15:41 [EST]

(Supp. No. 17, Update 6)

MAXIMUM ENERGY RATING INDEX

CLIMATE ZONE	ENERGY RATING INDEX NOT INCLUDING OPP	ENERGY RATING INDEX WITH OPP
0 and 1	51	35
2	51	34
3	50	33
4	65	40
5	54	43
6	53	43
7	52	46
8	52	46

Commented [JK23]: Feedback from builders, this is a reasonable target.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-733. IRC Section P2503.4 Amended.

Section P2503.4 of the International Residential Code, 2012-2024 Edition, Building Sewer Testing, is hereby amended to read as follows:

The building sewer shall be tested by insertion of a test plug at the point of connection with the public sewer and filling the building sewer with water, testing with not less than a ten (10') foot head of water and be able to maintain such pressure for fifteen (15) minutes or by air, maintain five (5) PSI for fifteen (15) minutes. This testing will be required when ordered by the Building Official.

Commented [JK24]: Recommend removing this to remove subjectivity. Worth discussing if this testing requirement should be removed.

(Code 2022)

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-734. IRC Section P2503.5 Amended.

Section P2503.5 of the International Residential Code, 2018-2024 Edition, DWV Systems Testing, is hereby amended to read as follows:

Rough and finished plumbing installations shall be tested in accordance with Sections P2503.5.1 and P2503.5.2. This testing will be required when ordered by the Building Official.

(Ord. No. 1023, § 7, 1-18-2022####)

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:41 [EST]

Sec. 4-###. IRC Section P2603.5.1 Amended.

Section P2603.5.1, entitled “Sewer depth.” Shall be amended to read as follows:

Building sewers that connect to private sewage disposal systems shall be not less than 36 inches (mm) below finished grade at the point of septic tank connection. Building sewers shall be not less than 36 inches (mm) below grade.”

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-735. IRC Section P2903.4 Amended.

Section P2903.4 of the International Residential Code, 2018-2024 Edition, Thermal expansion control, is hereby amended to read:

A means for controlling increased pressure caused by thermal expansion shall be installed in each dwelling unit. A thermal expansion tank shall be the means in which to control thermal expansion. At the time a water heater is new or replaced, a thermal expansion tank shall be installed.

Exception: In cases where a thermal expansion tank is not feasible, the Code Official shall determine an approved method of thermal expansion control.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-736. IRC Section P2904 Amended.

Section P2904 of the International Residential Code, 2018-2024 Edition, is hereby to be used as a reference for standards and requirements only if a sprinkler system is installed. Automatic Fire Sprinkler systems (section R313) are deleted from the requirements of this code adoption.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-737. IRC Section P3114.1 Amended.

Section P3114.1 of the International Residential Code, 2018-2024 Edition, Air admittance valves, General, is hereby amended to read as follows:

Vent systems using air admittance valves shall comply with this section. Individual and branch type air admittance valves shall conform to ASSE 1051. Stack type air admittance valves shall conform to ASSE 1050. The use of air admittance valves shall only be done so by the approval of the Building Official.

(Ord. No. 1023, § 7, 1-18-2022####)

Commented [JK25]: Recommend removing subjectivity.

Sec. 4-738. IRC Section E3608.1 Amended.

Section E3608.1 of the International Residential Code, 2012-2024 Edition, Grounding electrode system, is hereby amended to read as follows:

All electrodes specified in Sections E3608.1.1, E3608.1.2, E3608.1.3, E3608.1.4 and E3608.1.5 that are present at each building or structure served shall be bonded together to form the grounding electrode

system. Where none of these electrodes are present, one or more of the electrodes specified in Sections E3608.1.3, E3608.1.4 and E3608.1.5 shall be installed and used.

Exception: Concrete encased electrodes shall not be required to be part of the grounding system when at least two 2 rod or pipe electrodes are provided in compliance with E3608.1.1.2 and E3608.1.4.1.

Commented [JK26]: Recommend this stay as-is.

(Ord. No. 1023, § 7, 1-18-2022####)

Sec. 4-###. IRC Section E3901.4.2 Amended.

- (a) Section E3901.4.2 entitled “*Island and peninsular countertops and work spaces.*” Should be amended to read as follows:

Receptacle outlets shall be installed in accordance with the following: [210.52(C)(2)]

1. At least one receptacle outlet shall be provided for the first 9 square feet (0.84 m²), or fraction thereof, of the countertop or work surface. A receptacle outlet shall be provided for every additional 18 square feet (1.7 m²), or fraction thereof, of the countertop or work surface. [210.52(C)(2)(a)]

2. At least one receptacle outlet shall be located within 2 feet (600 mm) of the outer end of a peninsular countertop or work surface. Additional receptacle outlets shall be permitted to be located as determined by the installer, designer or building owner. The location of the receptacle outlets shall be in accordance with Section E3901.4.3. [210.52(C)(2)(b)]

A peninsular countertop shall be measured from the connected perpendicular wall. [210.52(C)(2)]

Sec. 4-###. IRC Section E3901.4.3 Amended.

Section E3901.4.3 entitled “*Receptacle outlet location.*” shall be amended to read as follows:

Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks, or rangetops as covered in the exception to Section E3901.4.1, or appliances occupying assigned spaces shall not be considered as these required outlets. Required receptacle outlets shall be located in one or more of the following:

1. On or above, but not more than 20 inches (508 mm) above, the countertop or work surface.

2. Receptacle outlet assemblies listed for the use in countertops or work surfaces shall be permitted to be installed in countertops or work surfaces.

3. Not more than 12 inches (305 mm) below the countertop or work surface. Receptacles installed below a countertop or work surface shall not be located where the countertop or work surface extends more than 6 inches (152 mm) beyond its support base. [210.52(C)(3)]

Commented [JK27]: Copied the 2021 IRC text here to allow for kitchen island and peninsula outlets below the countertop.

Sec. 4-739. IRC Section E3902.2 Amended.

Section E3902.2 of the ~~International Residential Code, 2018 2024 Edition~~, *Garage and accessory building receptacles*, is hereby amended to read as follows:

All 125-volt single phase 15 or 20 ampere receptacles installed in garages and grade level portions of accessory buildings used for storage or work areas shall have ground fault circuit interrupter protection for personnel.

Exceptions:

1. Dedicated receptacles supplying garage door openers.

Commented [JK28R27]: Many JOCO jurisdictions are planning to adopt this way.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:42 [EST]

2. A single receptacle supplying a dedicated branch circuit that is located and identified for a specific use by a cord and plug connected appliance such as a refrigerator, freezer, or a central vacuum system."

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Sec. 4-740. IRC Section E3902.5 Amended.

Section E3902.5 of the International Residential Code, ~~2018-2024~~ Edition, Unfinished basement receptacles, is hereby amended to read as follows:

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 dedicated receptacle supplying only a permanently installed fire alarm or burglar alarm system.~~
2. ~~Dedicated receptacles supplying sump pumps.~~
3. ~~A single receptacle supplying a dedicated branch circuit that is located and identified for a specific use by a cord and plug connected appliance such as a refrigerator, freezer, or a central vacuum system."~~

(Code 2022)

(Ord. No. ~~1023, § 7, 1-18-2022####~~)

Commented [JK29]: New code doesn't distinguish between finished and unfinished basements. GFIs are required either way.

Sec. 4-### IRC Section E3902.2 Amended.

Section E3902.2, entitled "*Garage and accessory building receptacles*," is hereby amended to read as follows: "125-volt through 250-volt receptacles installed in garages and grade-level portions of unfinished accessory buildings used for storage or work areas and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel. [210.8(A)(2)]

Exceptions:

1. Receptacles that are not readily accessible such as a ceiling mounted receptacle for a garage door opener.
2. A single receptacle supplying a dedicated branch circuit that is located and identified for a specific use by a cord and plug connected appliance such as a refrigerator, freezer, or a central vacuum system."

Sec. 4-741. IRC Section E3902.16 20 Amended.

Section E3902. ~~16 20~~ of the International Residential Code, ~~2018-2024~~ Edition, *Arc-fault circuit interrupter protection*, is hereby amended to read as follows:

All branch circuits that supply 120-volt single phase 15 and 20 ampere outlets installed in libraries, dens, bedrooms, closets and similar rooms or areas shall be protected by a combination type arc-fault circuit interrupter installed to provide protection of the branch circuit. Other rooms, such as family rooms, dining rooms, living rooms, parlors, sunrooms, recreation rooms, hallways and similar rooms or areas are exempt from this requirement. For these purposes a smoke alarm shall not be considered an outlet and is not required to be on an arc-fault circuit. Isolated circuits serving smoke detectors and/or carbon monoxide detectors shall be exempt from arc-fault protection.

(Supp. No. 17, Update 6)

Created: 2025-10-25 19:15:42 [EST]

Exception:

1. Where an outlet branch circuit type AFCI is installed at the first outlet to provide protection for the remaining portion of the branch circuit, the portion of the branch circuit between the branch circuit overcurrent device and the first outlet shall be installed with metal outlet and junction boxes and RMC, IMC, EMT, type MC, or steel armored type AC cables meeting the requirements of Section E3908.8.
2. Where an outlet branch circuit type AFCI is installed at the first outlet to provide protection for the remaining portion of the branch circuit the portion of the branch circuit between the branch circuit overcurrent device and the first outlet shall be installed with metal or nonmetallic conduit or tubing that is encased in not less than 2 inches of concrete.
3. AFCI protection is not required for an individual branch circuit supplying only a fire alarm system where the branch circuit is wired with metal outlet and junction boxes and RMC, IMC, EMT, or steel-sheathed armored cable, Type AC or Type MC, meeting the requirements of Section E3908.8.

(Ord. No. ~~1023, § 7, 1-18-2022~~####)

ARTICLE 6. INTERNATIONAL ENERGY CONSERVATION CODE¹

Key

Current Roeland Park Amendments

~~Recommended removal of Roeland Park Amendments~~

[Amendment done by Peer Jurisdiction \(AHJ shown in comment\)](#)

[Amendment recommended by GBA \(comment with rationale\)](#)

Sec. 4-601. International Energy Conservation Code Incorporated by Reference.

There is hereby incorporated by reference the "International Energy Conservation Code, [2018-2024](#) Edition," [including Appendices CB, CG, and RE](#) published by the International Code Council. No fewer than one copy of the "International Energy Conservation Code, [2018-2024](#) Edition," marked and showing portions that are amended and to which shall be attached a copy of amendments shall be filed with the City Clerk and shall be open to inspection and available to the public at reasonable business hours. Official copies of such code shall be supplied at the cost of the City to the officials and agencies in the manner listed and set forth in K.S.A. 12-3010. Subsequent references to the Energy Code shall mean the International Energy Conservation Code, [2018-2024](#) Edition.

(Code 2022)

(Ord. No. #####)

Sec. 4-602. IECC Section C101.1 Amended.

Section C101.1 [Title](#) is [hereby](#) amended to read as follows:

Replace the words "Name of Jurisdiction" with the words "the City of Roeland Park, Kansas."

(Ord. No. [1023, § 6, 1-18-2022#####](#))

[Sec. 4-6##. - IECC Section C103.1 Deleted.](#)

[Section C103.1 is hereby deleted.](#)

(Ord. No. #####)

[Sec. 4-###. IECC Section C105.2 Amended.](#)

[Section C105.2 Information on construction documents](#) is hereby amended to include "19. Electric Vehicle charging details and locations."

¹Editor's note(s)—Ord. No. 1023, § 7, adopted Jan. 18, 2022, amended Art. 6 in its entirety to read as herein set out. Former Art. 6, §§ 4-601—4-613, pertained to similar subject matter, and derived from the Code of 2014; and Ord. No. 910, §§ 6, 13, adopted May 18, 2015.

(Ord. No. #####)

Sec. 4-603. IECC Section C106.2 Amended.

Section C106.2 of the International Energy Conservation Code, 2018 Edition, Schedule of permit fees is hereby amended to read as follows:

"The schedule of permit fees shall be established by the Governing Body by city fee resolution."

(Ord. No. 1023, § 6, 1-18-2022#####)

Sec. 4-604. IECC Section C104.3 Amended.

Section C104.3 of the International Energy Conservation Code, 2018 Edition, is hereby amended to read as follows:

Replace the words "code official" with the words "Governing Body by resolution."

(Ord. No. 1023, § 6, 1-18-2022)

Sec. 4-605. IECC Section C106.7.5 Amended.

Section C106.7.2 of the International Energy Conservation Code, 2012 Edition, Refunds is hereby amended to read as set out in Section 4-104 of this Code.

(Ord. No. 1023, § 6, 1-18-2022#####)

Sec. 4-606. IECC Section C108.4 Amended.

Section C108.4 of the International Energy Conservation Code, 2018 Edition, Failure to comply is hereby amended to read as set out in section 4-109 of the City Code.

(Ord. No. 1023, § 6, 1-18-2022#####)

Sec. 4-607. IECC Section C109 Amended.

Section C109 of the International Energy Conservation Code, 2018 Edition, Means of Appeals is hereby amended to read as set out in Section 4-110 of the City Code.

(Ord. No. 1023, § 6, 1-18-2022#####)

Sec. 4-608. IECC Section R101.1 Amended.

Section R101.1 Title is hereby amended to read as follows:

Replace the words "Name of Jurisdiction" with the words "the City of Roeland Park, Kansas."

(Ord. No. 1023, § 6, 1-18-2022#####)

Created: 2025-12-11 11:01:14 [EST]

(Supp. No. 17, Update 8)

Sec. 4-6##. - IECC Section R103.1 Deleted.

Section R103.1 is hereby deleted.

(Ord. No. #####)

Sec. 4-###. IECC Section R105.2 Amended.

Section R105.2 Information on construction documents is hereby to include "10. Electric Vehicle charging details and locations." And "11. Location of pathways for routing of raceways or cable from the on-site renewable energy system to the electrical distribution equipment."

(Ord. No. #####)

Sec. 4-609. IECC Section R107~~6~~.2 Amended.

Section R10~~4~~6.2 of the International Energy Conservation Code, 2018 Edition, Schedule of Permit Fees is hereby amended to read as follows:

The schedule of permit fees shall be established by city fee resolution, ~~the Governing Body by resolution.~~

(Ord. No. ~~1023, § 6, 1-18-2022~~#####)

Sec. 4-610. IECC Section R107.3~~6~~.4 Amended.

Section R10~~6~~4.3 of the International Energy Conservation Code, 2018 Edition, is hereby amended to read as follows:

Replace the words "code official" with the words "Governing Body by city fee resolution."

(Ord. No. 1023, § 6, 1-18-2022)

Sec. 4-611. IECC Section R10~~6~~.6~~7~~.5 Amended.

Section R10~~6~~4.5 of the International Energy Conservation Code, 2018 Edition, Refunds is hereby amended to read as set out in Section 4-104 of this Code.

(Ord. No. ~~1023, § 6, 1-18-2022~~#####)

Sec. 4-612. IECC Section R1~~100~~8.4 Amended.

Section R1~~100~~8.4 of the International Energy Conservation Code, 2018 Edition, Failure to Comply is hereby amended to read as set out in Section 4-109 of the City Code.

(Ord. No. ~~1023, § 6, 1-18-2022~~#####)

Sec. 4-###. IECC Section R109 Amended.

Section R109, is hereby amended to read as set out in Section 4-110 of the City Code.

(Ord. No. #####)

Sec. 4-613. IECC Section R402.1.2 Amended.

Commented [JK1]: Deleting to match IRC prescriptive compliance to be unamended

Table R402.1.2 of the International Energy Conservation Code, 2018 Edition, is hereby amended to read as follows:

Table R402.1.2—Insulation and Fenestration Requirements by Component^a

Climate Zone	Fenestration U-Factor	Skylight U-Factor ^b	Glazed Fenestration SHGC ^b	Ceiling R-Value ^f	Wood Frame Wall R-Value	Mass Wall R-Value	Floor R-Value	Basement Wall R-Value ^c	Slab R-Value & Depth ^d	Crawl Space Wall R-Value ^e
4	0.35	0.55	0.4	49	13	8/13	19	10/13	NR	10/13

- (a) R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table.
- (b) The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- (c) "10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement walls.
- (d) R-5 shall be added to the required slab edge R-values for heated slabs.
- (e) No change.
- (f) No change.
- (g) No change.
- (h) Refers to wall cavity insulation minimum standards only.
- (i) No change.
- (j) Loose-fill insulation shall be installed at the rate recommended by the manufacturer's statement "so many bags per 1,000 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 R1102.2.

(Ord. No. 1023, § 6, 1-18-2022####)

City of Roeland Park – 2024 Energy Conservation Code Update (IECC)

Prepared by Joe Kmetz, GBA – Building Code Services Lead

DATE February 2nd, 2026



Agenda

- Next Steps/Meetings
- Recap of Residential Code (IRC) Meeting
- Energy Code (IECC) Significant Changes
- Energy Code Recommended Amendments
- Questions/Discussion

Next Steps/ Meetings

- *Building Code (IBC) - Complete*
- *Residential Code (IRC) – Complete*
- Energy Code (IECC) – Today (February 2nd)
- ICC Trades – February 16th
- Full Set of Ordinance for Review – Late Q1 2026
- Vote for Final Council approval – Q2 2026

Recap of Residential Code (IRC) Meeting

- **Recommended Changes**

- Adopted Appendices

- Recommended: BB Tiny Houses, BC Accessory Dwelling Units, BE Radon Control Methods*, BF Patio Covers*, BG Sound Transmission*, BH Automatic Vehicular Gates*, BO Existing Buildings and Structures*, CD Piping Standards for Various Applications*, CE Venting Methods*, NE Electric Vehicle Charging Infrastructure.

- *denotes currently adopted

- Many administrative changes throughout Chapter 1.
 - A Johnson County Contractor's license is required for work requiring a permit for non-owner-occupied homes.
 - Updated list of permit exemptions: all accessory structures 100 sf or more, all fences, all flatwork, and all decks will require a permit.

Recap of Residential Code (IRC) Meeting

- **Recommended Changes (continued)**
 - Geographic and climate data chart amended to reflect current values.
 - Requiring temporary toilet facilities for new one- and two-family dwellings.
 - Remove requirement for fire sprinkler system in one- and two-family dwellings.
 - Requirement for reinforcing steel (rebar) in footings in most situations.
 - Minimum garage slab detail requirements.
 - Additional roof requirements for ice and water shield as well as removal of all layers when reroofing.
 - Various amendments to the energy conservation chapter (Chapter 11).
 - Removal of required plumbing pressure test requirements.

Recap of Residential Code (IRC) Meeting

- **Recommended Changes (continued)**
 - Inclusion of heat detector in the garage to be integrated with the rest of the home's smoke/co detectors. (Shawnee)
 - Physical security requirements (similar to IBC). See “City of Roeland Park, KS - IRC Section 333 - Physical Security Requirements Table” (Multiple KC Metro Jurisdictions)
 - Residential foundation repairs should be prepared by a licensed an engineer.
 - Include sewer depth minimum for new or replaced building sewers.
 - Island or peninsula outlet locations can still be located on the side for convenience.

Energy Code (IECC) Significant Changes

- Climate zone map comprehensively updated, including creation of new Climate Zone 0 (KC Metro largely unaffected)
- Commercial energy chapter restructured to improve clarity and usability for designers
- Increased minimum insulation and fenestration efficiency requirements, especially for attics and unheated slabs
- Thermal envelope certificate now required as a permanent record of installed envelope components
- Large operable openings (e.g., roll-up doors) must be interlocked with HVAC systems
- Expanded testing requirements for ducts, air leakage, and mechanical systems

Energy Code (IECC) Significant Changes

- New requirements addressing thermal bridging (paths for heat to escape or infiltrate through solid mass) in above-grade wall assemblies
- Minimum efficiency standards added or increased for boilers and water pumps
- Updated renewable energy provisions, including on-site/off-site generation and documentation (City Hall Example)
- Renewable energy certificate introduced for residential construction
- Energy Rating Index (ERI) updated to reflect higher residential efficiency targets
- Existing buildings: “change in space” now requires low-energy spaces to meet conditioned space requirements

Energy Code Recommended Amendments

- Overall: No substantive changes recommended
 - Mostly administrative in nature
- Recommended adopted appendices:
 - CB Solar-Ready Zone—Commercial
 - CG Electric Vehicle Charging Infrastructure
 - RE Electric Vehicle Charging Infrastructure
- Administrative amendments to Chapter 1.

Questions/Discussion